# PMF Data Files

## Response to FERC 2/16/84 Request

## Schedule B, Comment 1

Attachment 1
HARZA-EBASCO
Susitna Joint Venture
Document Number

1182

Please Return To
DOCUMENT CONTROL

0011

RESPONSE TO FERC LETTER OF FEBRUARY 16, 1984 REQUEST

SCHEDULE B

Comment No. 1

"State the purpose of each of ACRES' thirteen data files on Tape No. 830525 included with your letter of November 18, 1983."

Response

Description of the data files are given below. Printout of the files also are provided as attachment 1.

File No. 1: SSARR Model Input, ACRE'S sensitivity analysis using Corps' summer PMF; input indicates that rainfall and initial snowpack were changed.

File No. 2: SSARR Model Input, ACRE'S sensitivity analysis using Corps' spring PMF; input indicates that rainfall, temperatures and initial snowpack were changed.

File No. 3: SSARR Model Input, ACRE'S sensitivity analysis using Corps' spring PMF; input indicates that rainfall and initial snowpack were changed.

File No. 4: SSARR Model Input, Corps' spring PMF.

File No. 5: SSARR Model Input, ACRE'S sensitivity analysis using Corps' summer PMF; input indicates that rainfall and initial snowpack were changed.

File No. 6: SSARR Model Input, Reconstitution of August 1967 flood by ACRES

File No. 7: SSARR Model Output, Reconstitution of August 1967 flood by ACRES

File No. 8: SSARR Model Input, Reconstitution of August 1971 flood by ACRES

File No. 9: SSARR Model Output, Reconstitution of August 1971 flood by ACRES

File No. 10: SSARR Model Input, Reconstitution of May-July 1972 flood by ACRES

File No. 11: SSARR Model Output, Reconstitution of May-July 1972 flood by ACRES

File No. 12: SSARR Model Input, ACRE'S spring PMF.

File No. 13: SSARR Model Output, ACRE'S spring PMF.

# PMF Data Files

## Response to FERC 2/16/84 Request

## Schedule B, Comment 1

Attachment 1

```
JOB       010675   1   1 DEVILS CANYON SUMMER MPF ON SUSITNA RIVR
CP  1480    4620          GUKGL
CP  2000    3000          BASAV
CP  8811    2401          SUMMIT
CP  9139    2550          GRACTO
CP  9410    2408          TRIMS
CT01  1015   2  0 95      999      100     SMI GL
CT01  1018   2  0 10      2.5 20  5 40 SMI
CT02  1018  12 60 15 75      999 80
CT01  1020   2  0 10  2 20  5 40 SMI
CT02  1020  12 60 15 85     9999 85
CT01  1021   2  0  5 99  5     9999  5 SMI
CT01  1022   2  0      100 99      100     9999      100 SMILK
CT01  2009   2  0 60      0.1 50      0.2 45 BII
CT02  2009          0.3 37      0.4 32      0.5 29      0.6MCKENZ
CT03  2009  27      1.0 20      2.0 10      9999 10
CT01  2011   2  0 50      0.1 47      0.2 45 BII
CT02  2011          0.3 37      0.4 32      0.5 29      0.6
CT03  2011  27  1 20  2  8  3  4
CT04  2011   5  2      999  1
CT01  2012   2  0 70 .5 50  3 20 BII
CT02  2012   5 10 10      .05 99      .05
CT01  2017   2  0      100      1.0 95     9999 95 BIIGL
CT01  3003   2  0  0    .016    .0026     .033     .008 S-SS
CT02  3003          .05     .015     .067     .024     .083     .036     .100MCKENZ
CT03  3003          .05      2.0     1.20      999      999
CT01  3008   2  0  0      .01    .0005      .02    .0015 S-SS
CT02  3008          .03     .003      .04     .005      .05     .008      .06
CT03  3008         .012      .07     .017      .08     .023      .09      .03
CT04  3008          .10     .038      999      999
CT01  3009   2  0  0      .05     .001      0.5      .05  S/SS
CT02  3009          1.0      0.2     9999     9000       GLAC
CT01  4008   2  4     0.03  5     0.09  6     0.11    ETI
CT02  4008   7     0.35  8     0.35  9     0.20
CT01  4009   2  4     0.03  5     0.05  6     0.06    ETI
CT02  4009   7     0.07  8     0.08  9     0.06      GLAC
CT01  4010   2  4     0.03  5     0.09  6     0.20    ETI
CT02  4010   7     0.45  8     0.45  9     0.20
CT01  5001   2  0      100 .5 30  1 20    KE
CT02  5001          1.5 20      999 20
CT01  6004   2  0      100      100      100     9999      100 SCDGL
CT01  6006   2  0      100  8 80 20 60  SCD
CT02  6006  36 40 59 20      100  0      999
CT03  6006   0
CT01  7005   2  0     0.32      100     0.32     9999     0.32 MELTR
CT01  7009   2  0     0.12      100     0.12     9999     0.12 MELTR
CT01  7010   2  0     0.10 20     0.15 40    0.24 METSUS
CT02  7010  50     0.30 80     0.40      100     0.45     9999
CT01  7011   2  0      .08      100      .08     9999      .08 MELTG
CB01    10     1          SUSITNA GLACIER
CB02    10  2214  6 4  12 4  24    100 50016004     40091015
CB03    10   2017 10  3009       7011    35 32 33
CB04    10   32000132414801003148011 5
C3 1    10  2800   0  3000 45 4000  177 5000  359 6000  611 7000  848
C3 2    10  8000  961 9000  99813832  9999999999999
CB01    20     1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02    20  6944  8 4  20 5 156    100 50016006     40081018
CB03    20   2011 10  3008       7005    35 32 33
CB04    20   32000132488111003148011 0
C3 1    20  2440   0  3000  277 4000  532 5000  813 6000  928 7000  971
C3 2    20  8000  984 9000  98910000  99813832  9999999999999
CB01    30     1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01    55     1          30/100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02    55     2 2  11
```

DATA FILE 1 - ACRES SENSITIVITY ANALYSIS
USING COE SPRING PMF, RAINFALL
AND INITIAL SNOW PACK CHANGED
SSARR MODEL INPUT

FORM 1411-3
PRINTED IN U.S.A.

```
C3 2   480  7000  980 7200  999999999999
CC01   500     1          WATANA INFLOW
CL01   501    .1          WATANA OUTFLOW
CL02   501          2225   2165
C110   501  2165  34000        8050000 2170    44200    8600000
C111   501  2175  54400        8800000 2180    70800    8950000
C112   501  2185  87000        9100000 2190   103100    9275000
C113   501  2195 119300        9450000 2200   139400    9625000
C114   501  2201 150600        9660000 2202   160700    9695000
C115   501  2203 171800        9730000 2204   182900    9765000
C116   501  2205 193000        9800000 2210   248100   10000000
C117   501  2215 258200       10200000 2220   268300   10400000
C118   501  2225 278400      1060000099999  9999999   99999999
CR01   525     1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02   525   3 1   3
CB01   580     1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02   580  6284  8 4  15 5 156   100 50016006    40081020
CB03   580   2009  9  3008       7005   35 32 33
CB04   580   32000106488111003913 9125
C3 1   580 910    0 1000  2 2000   84 3000  441 4000  795 5000  962
C3 2   580  6000  998 6910  999999999999
CC01   600     1          DEVIL CANYON INFLOW
CL01   601     1          DEVILS CANYON OUTFLOW
CL02   601          1464   1445
C119   601  1445 170000        932500 1446   177000     939000
C111   601  1447 184000        945500 1448   191000     952000
C112   601  1449 198000        958500 14500  205000     965000
C113   601  1451 212000        971500 1452   219000     978000
C114   601  1453 226000        984500 1454   233000     991000
C115   601  1455 240000        997500 1458   261000    1025000
C116   601  1461 282000       1043750 1464   303000    1062500
C117   601  1467 324000       1081250 9999  9999999    9999999
CR01   625     1          600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02   625   1 1   5
CB01   680     1          PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02   680  3454  8 4  15 5 156   100 50016006    40081020
CB03   680   2009  9  3008       7005   35 32 33
CB04   680   32000088488111003913 9125
C3 1   680 677    0 1000 32 2000  261 3000  510 4000  809 5000  971
C3 2   680  6000  998 6018  999999999999
CC01   700     1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P       10     30
P       20     30
P       30     55
P       55    100
P       80    100
P      100    125
P      125    300
P      180    300
P      210    230
P      220    230
P      230    255
P      255    300
P      280    300
P      300    325
P      325    350
P      330    335
P      335    350
P      340    350
P      350    375
P      375    400
P      380    400
P      400    500
P      400    500
P      500    501
```

PRINTED IN U.S.A.

```
CR02    80   5124  3 4   8 5 156   100 50016006    40081018
CB03    80   2009  9  3008       7010   35 32 33
CB04    80   32060 6548811110039139 90
C3 1    80   2370    0 3000  359 4000  744 5600  971 6000  997 6100  999
C3 2    80 9999999999
CC01   100      1          DENALI DAMSITE  1260 SQ MI
CR01   125      1          100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02   125    3 2  11
CB01   180      1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02   180   4774  3 4   8 5 156   100 50016006    40081018
CB03   180   2009  9  3008       7010   35 32 33
CB04   180   32000 6448811110039139 90
C3 1   180   2350    0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2   180 9999999999
CB01   210      1          MACLAREN GLACIER
CB02   210    445  6 3  12 3  24   100 50016004    40061015
CB03   210   2017 10  3009       7009   9  35 32 33
CB04   210   32000 9741480100314801 00
C3 1   210   3150    0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2   210   8850  9999999999999
CB01   220      1          MACLAREN NON-GLACIER ABV USGS GAGE
CR02   220   2324  5 4   20 5 156 75 50016006    40081018
CB03   220   2012 10  3003       7005   35 32 33
CB04   220   32000 9748811110031480100
C3 1   220   2866    0  3000 82 4000  505 5000  801 6000  949 7000  986
C3 2   220   8000  998 8850  9999999999999
CC01   230      1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01   255      1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02   255    6 2  10
CB01   280      1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02   280   3074  3 4   8 5 156   100 50016006    40081018
CB03   280   2009  9  3008       7010   35 32 33
CB04   280   32000 6448811110039139 90
C3 1   280   2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01   300      1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01   325      1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02   325    5 2  9
CB01   330      1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02   330    483 15 1   0 1   0   100 50016006    40081022
CB03   330   2009  9 3008       7010   35 32 33
CB04   330   32000 6448811110039139 90
C3 1   330   2361    0 2363  9999999999999
CR01   335      1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02   335    3 4 100
CB01   340      1          TYONE RIVER BASIN 1047 SQ MI
CB02   340  10478 10 8   48 8 200   100 50016006    40101021
CB03   340   2009  9  3008       7010   35 32 33
CB04   340   32000 6448811110039139 90
C3 1   340   2100    0 3000  687 4000  952 5000  998 5275  9999999999999
CC01   350      1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01   375      1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02   375    1 2  9
CB01   380      1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02   380   7353  3 4   8 4  96   100 50016006    40081018
CB03   380   2009  9  3008       7010   35 32 33
CB04   380   32000111488111003 9139 90
C3 1   380   1910    0 2000  2 3000  156 4000  491 5000  784 6000  960
C3 2   380   7000  998 7770  9999999999999
CC01   400      1          SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
CR01   425      1          400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
CR02   425    4 1  3
CB01   480      1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02   480  10454  8 4   15 5 156   100 50016006    40081020
CB03   480   2009  9  3008       7005   35 32 33
CB04   480   32000139488111003 9139125
```

FORM 1411-3

PRINTED IN U.S.A.

```
C3 2   480  7000   989 7200  9999999999999
CC01   500     1          WATANA INFLOW
CL01   501     1          WATANA OUTFLOW
CC02   501              2225   2165
C110   501  2165  38000          8850000 2170    44200     8600000
C111   501  2175  54400          8800000 2180    70800     8950000
C112   501  2185  87000          9100000 2190   103100     9275000
C113   501  2195 119300          9450000 2200   139400     9625000
C114   501  2201 150600          9660000 2202   160700     9695000
C115   501  2203 171800          9730000 2204   182900     9765000
C116   501  2205 193000          9800000 2210   248100    10000000
C117   501  2215 258200         10200000 2220   268300    10400000
C118   501  2225 278400         1060000099999  9999999    99999999
CR01   525     1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02   525     3 1   3
CB01   580     1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02   580  6280  8 4  15 5 156   100 50016006    40081020
CB03   580  2009  9  3008      7005   35 32 33
CB04   580  32000106488111003913912 5
C3 1   580 910    0 1000  2 2000   84 3000  441 4000  795 5000  962
C3 2   580  6000  998 6910  9999999999999
CC01   600     1          DEVIL CANYON INFLOW
CL01   601     1          DEVILS CANYON OUTFLOW
CL02   601              1464   1445
C110   601  1445 170000          932500 1446    177000     939000
C111   601  1447 184000          945500 1448    191000     952000
C112   601  1449 198000          958500 14500   205000     965000
C113   601  1451 212000          971500 1452    219000     978000
C114   601  1453 226000          984500 1454    233000     991000
C115   601  1455 240000          997500 1458    261000    1025000
C116   601  1461 282000         1043750 1464    303000    1062500
C117   601  1467 324000         1081250 9999    9999999   9999999
CR01   625     1          600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02   625     1 1   3
CB01   680     1          PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02   680  3454  8 4  15 5 156   100 50016006    40081020
CB03   680  2009  9  3008      7005   35 32 33
CB04   680  32000088488111003913912 5
C3 1   680 677    0 1000 32 2000  261 3000  510 4000  809 5000  971
C3 2   680  6000  998 6018  9999999999999
CC01   700     1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P       10      30
P       20      30
P       30      55
P       55     100
P       80     100
P      100     125
P      125     500
P      180     500
P      210     230
P      220     230
P      230     255
P      255     300
P      280     300
P      300     325
P      325     350
P      330     335
P      335     350
P      340     350
P      350     375
P      375     400
P      380     400
P      400     500
P      480     500
P      500     501
```

FORM 1413-3

PRINTED IN U.S.A.

```
P   580     600
P   600     601
P   601     625
P   680     700
P   625     700
P   700
T   14 0605712A 14 010771 6 14 310871
2B00    10 14 060571     4   03  100 1      0 99
2B02    10 14 060571    10    10   10  10  10
2B03    10 14 060571    30    30   30  30  30
2B04    10 14 060571    60    60   60  60  60
2B00    20 14 060571     2   03  100 01     0 12
2B02    20 14 060571    10    10   10  10  10
2B03    20 14 060571    50    50   50  50  50
2B04    20 14 060571    60    60   60  60  60 60     60     60
2B00    80 14 060571     2   03  100    87
2B02    80 14 060571     5     5    5   5   5
2B03    80 14 060571    10    10   10  10  10
2B04    80 14 060571    70    70   70  70  70
2B00   180 14 060571     2   03  100    67
2B02   180 14 060571     7     7    7   7   7
2B03   180 14 060571    10    10   10  10  10
2B04   180 14 060571   108   108  108 108 108    108
2B00   210 14 060571     4   03  100 1      0 99
2B02   210 14 060571    10    10   10  10  10
2B03   210 14 060571    10    10   10  10  10
2B04   210 14 060571    10    10   10  10  10
2B00   220 14 060571     2   03  100 01     0 195
2B02   220 14 060571    10    10   10  10  10
2B03   220 14 060571    10    10   10  10  10
2B04   220 14 060571    60    60   60  60  60 60     60     60
2B00   280 14 060571     2   03  100    67
2B02   280 14 060571     4     4    4   4   4
2B03   280 14 060571    10    10   10  10  10
2B04   280 14 060571    70    70   70  70  70 70
2B00   330 14 060571     2   03  100    36
2B02   330 14 060571    18    18   18  18  18
2B03   330 14 060571     0     0    0   0   0
2B04   330 14 060571     0     0    0   0   0
2B00   340 14 060571     2   03  100    36
2B02   340 14 060571    18    18   18  18  18
2B03   340 14 060571    20    20   20  20  20 20     20     20
2B04   340 14 060571   120   120  120 120 120    120    120    120
2B00   380 14 060571     2   03  100    69
2B02   380 14 060571     8     8    8   8   8
2B03   380 14 060571    20    20   20  20  20
2B04   380 14 060571   130   130  130 130 130
2B00   480 14 060571     2   03  100    74
2B02   480 14 060571    16    16   16  16  16
2B03   480 14 060571    30    30   30  30  30
2B04   480 14 060571   420   420  420 420 420
2L01   501 14 060571  2000  2200 9625000
2B00   580 14 060571     2   03  100    74
2B02   580 14 060571     5     5    5   5   5
2B03   580 14 060571    15    15   15  15  15
2B04   580 14 060571   260   260  260 260 260
2L01   601 14 060571  2000  1450  950000
2B00   680 14 060571     2   03  100    74
2B02   680 14 060571     4     4    4   4   4
2B03   680 14 060571    10    10   10  10  10
2B04   680 14 060571   140   140  140 140 140
4D  1480 14 0605713  47  55  04  08  04  04  04  20  24  08      12
4D  1480 14 2005713  04  04      08  08  04  20  20  04  16  12
4D  1480 14 0306713      20  35
4D  1460 14 1706713      08  04  08      43  87
```

FORM 1411-3
PRINTED IN U.S.A.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 6 | 1480 | 14 | 0107715 | 05 | 03 | 05 | 05 | 03 | 05 | 05 | 03 | | | | | | | |
| 40 | 6 | 1480 | 8 | 0407713 | | | 01 | 01 | 01 | 01 | | | | | | | | | |
| 40 | 6 | 1480 | 14 | 0807713 | | | | 01 | 01 | | | | | | | | | | |
| 40 | 6 | 1480 | 8 | 1107713 | 01 | 01 | 01 | 01 | 01 | 41 | 40 | 40 | 40 | 19 | 19 | 19 | 18 | 18 | |
| 40 | 6 | 1480 | 14 | 1507713 | 02 | 02 | 02 | 02 | 23 | 23 | 22 | 22 | 01 | 01 | 01 | 01 | | | |
| 40 | 6 | 1480 | 8 | 1807713 | | 09 | 09 | 09 | 08 | 03 | 03 | 03 | 03 | | | | | | |
| 40 | 6 | 1480 | 14 | 2207713 | | 01 | 01 | 01 | 01 | 24 | 24 | 23 | 23 | 43 | 43 | | | | |
| 40 | 6 | 1480 | 8 | 2507713 | 42 | 42 | 01 | 01 | 01 | 01 | 12 | 12 | 12 | 11 | 04 | 04 | 04 | 04 | |
| 40 | 6 | 1480 | 14 | 2907713 | 05 | 05 | 05 | 05 | | 15 | 15 | 15 | 15 | | | | | | |
| 40 | 6 | 1480 | 14 | 0108713 | 50 | 49 | 49 | 49 | 14 | 14 | 14 | 15 | 03 | 03 | 03 | 03 | | | |
| 40 | 6 | 1480 | 8 | 0408713 | | 02 | 02 | 02 | 02 | 19 | 19 | 19 | 18 | 20 | 21 | 21 | 21 | | |
| 40 | 6 | 1480 | 14 | 0808713 | | | | | | | | | | | | | | | |
| 40 | 6 | 1480 | 8 | 1108713 | | | | | | | | | | | | | | | |
| 40 | 6 | 1480 | 14 | 1508713 | | | | | | | | | | | | | | | |
| 40 | 6 | 1480 | 8 | 1808713 | | 01 | 01 | 01 | 01 | 03 | 03 | 03 | 03 | | | | | | |
| 40 | 6 | 1480 | 14 | 2208713 | 06 | 06 | 06 | 06 | | 03 | 03 | 03 | 03 | 01 | 01 | | | | |
| 40 | 6 | 1480 | 8 | 2508713 | 01 | 01 | 14 | 15 | 15 | 15 | | | | | | | | | |
| 40 | 6 | 1480 | 14 | 2908713 | | | | | | | | | | | | | | | |
| 40 | 1480 | 14 | 0109713 | 24 | 59 | 71 | 31 | 39 | | 04 | 04 | 47 | 08 | | 04 | 51 | | | |
| 40 | 1480 | 14 | 1509713 | | 08 | | 08 | 51 | 24 | 102 | 08 | 04 | | 04 | 08 | | | | |
| 40 | 1480 | 14 | 2909713 | 08 | 47 | | | | | | | | | | | | | | |
| 40 | 1480 | 14 | 0605714 | 295 | 255 | 255 | 255 | 280 | 320 | 345 | 277 | 270 | 277 | 306 | 295 | 367 | 338 | | |
| 40 | 1480 | 14 | 2005714 | 320 | 295 | 313 | 338 | 392 | 392 | 345 | 338 | 360 | 284 | 295 | 331 | 291 | 270 | | |
| 40 | 1480 | 14 | 0306714 | 338 | 403 | 489 | 511 | 457 | 432 | 489 | 478 | 428 | 385 | 360 | 374 | 410 | 457 | | |
| 40 | 1480 | 14 | 1706714 | 428 | 420 | 466 | 504 | 471 | 453 | 579 | 554 | 536 | 507 | 500 | 482 | 370 | 367 | | |
| 40 | 6 | 1480 | 14 | 0107714 | 43 | 43 | 43 | 43 | 42 | 42 | 42 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | |
| 40 | 6 | 1480 | 8 | 0407714 | 50 | 49 | 48 | 47 | 47 | 46 | 44 | 45 | 45 | 46 | 58 | 58 | 58 | 58 | |
| 40 | 6 | 1480 | 14 | 0807714 | 57 | 56 | 55 | 54 | 54 | 53 | 53 | 52 | 51 | 51 | 51 | 50 | 51 | 50 | |
| 40 | 6 | 1480 | 8 | 1107714 | 50 | 49 | 48 | 48 | 48 | 48 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | |
| 40 | 6 | 1480 | 14 | 1507714 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 43 | 43 | 43 | 43 | 48 | 48 | |
| 40 | 6 | 1480 | 8 | 1807714 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 47 | 41 | 41 | 41 | 41 | |
| 40 | 6 | 1480 | 14 | 2207714 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 39 | 39 | 39 | 39 | 44 | 44 | |
| 40 | 6 | 1480 | 8 | 2507714 | 44 | 44 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 47 | 45 | 45 | 45 | 45 | |
| 40 | 6 | 1480 | 14 | 2907714 | 40 | 40 | 40 | 40 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | | | |
| 40 | 6 | 1480 | 14 | 0108714 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 44 | 40 | 40 | 40 | 40 | 43 | 43 | |
| 40 | 6 | 1480 | 8 | 0408714 | 43 | 43 | 42 | 42 | 42 | 42 | 39 | 39 | 39 | 39 | 41 | 41 | 41 | 41 | |
| 40 | 6 | 1480 | 14 | 0808714 | 42 | 42 | 42 | 42 | 45 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 44 | 44 | |
| 40 | 6 | 1480 | 8 | 1108714 | 44 | 44 | 45 | 45 | 45 | 45 | 40 | 40 | 40 | 40 | 38 | 38 | 38 | 38 | |
| 40 | 6 | 1480 | 14 | 1508714 | 39 | 39 | 39 | 39 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 45 | 45 | |
| 40 | 6 | 1480 | 8 | 1808714 | 45 | 45 | 43 | 43 | 43 | 43 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | |
| 40 | 6 | 1480 | 14 | 2208714 | 40 | 40 | 40 | 40 | 42 | 42 | 42 | 42 | 39 | 39 | 39 | 39 | 39 | 39 | |
| 40 | 6 | 1480 | 8 | 2508714 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 41 | 41 | 41 | 41 | |
| 40 | 1480 | 14 | 0109714 | 432 | 381 | 345 | 356 | 356 | 345 | 338 | 334 | 342 | 338 | 360 | 342 | 338 | 327 | | |
| 40 | 1480 | 14 | 1509714 | 349 | 360 | 345 | 309 | 331 | 349 | 331 | 327 | 309 | 298 | 309 | 248 | 219 | 223 | | |
| 40 | 1480 | 14 | 2909714 | 293 | 288 | | | | | | | | | | | | | | |
| 40 | 8811 | 14 | 0205714 | 340 | 280 | 300 | 320 | 340 | 310 | 270 | 260 | 280 | 340 | 360 | 360 | 320 | 310 | | |
| 40 | 8811 | 14 | 1605714 | 300 | 300 | 390 | 360 | 380 | 360 | 320 | 350 | 350 | 370 | 330 | 370 | 410 | 370 | | |
| 40 | 8811 | 14 | 3005714 | 330 | 390 | 380 | 340 | 380 | 440 | 520 | 470 | 480 | 480 | 510 | 510 | 490 | 410 | | |
| 40 | 8811 | 14 | 1306714 | 420 | 410 | 420 | 430 | 450 | 430 | 510 | 470 | 560 | 550 | 620 | 620 | 640 | 590 | | |
| 40 | 8811 | 14 | 2706714 | 590 | 510 | 430 | 420 | | | | | | | | | | | | |
| 40 | 6 | 8811 | 14 | 0107714 | 45 | 45 | 45 | 45 | 48 | 48 | 48 | 48 | 50 | 50 | 50 | 50 | 53 | 53 | |
| 40 | 6 | 8811 | 8 | 0407714 | 53 | 53 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 58 | 58 | 58 | 58 | |
| 40 | 6 | 8811 | 14 | 0807714 | 58 | 58 | 58 | 58 | 59 | 59 | 59 | 59 | 62 | 62 | 62 | 62 | 56 | 56 | |
| 40 | 6 | 8811 | 8 | 1107714 | 56 | 56 | 54 | 54 | 54 | 54 | 51 | 51 | 51 | 51 | 45 | 45 | 45 | 45 | |
| 40 | 6 | 8811 | 14 | 1507714 | 47 | 47 | 47 | 47 | 49 | 49 | 49 | 49 | 53 | 53 | 53 | 53 | 52 | 52 | |
| 40 | 6 | 8811 | 8 | 1807714 | 52 | 52 | 54 | 54 | 54 | 54 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 47 | |
| 40 | 6 | 8811 | 14 | 2207714 | 44 | 44 | 44 | 44 | 45 | 45 | 45 | 45 | 48 | 48 | 48 | 48 | 48 | 48 | |
| 40 | 6 | 8811 | 8 | 2507714 | 48 | 48 | 50 | 50 | 50 | 50 | 44 | 44 | 44 | 44 | 47 | 47 | 47 | 47 | |
| 40 | 6 | 8811 | 14 | 2907714 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 49 | 49 | 49 | 49 | | | |
| 40 | 6 | 8811 | 14 | 108714 | 51 | 51 | 51 | 51 | 52 | 52 | 52 | 52 | 49 | 49 | 49 | 49 | 49 | 49 | |
| 40 | 6 | 8811 | 8 | 408714 | 49 | 49 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | |
| 40 | 6 | 8811 | 14 | 808714 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 51 | 51 | 51 | 51 | 56 | 56 | |
| 40 | 6 | 8811 | 8 | 1108714 | 56 | 56 | 54 | 54 | 54 | 54 | 51 | 51 | 51 | 51 | 46 | 46 | 46 | 46 | |
| 40 | 6 | 8811 | 14 | 1508714 | 47 | 47 | 47 | 47 | 50 | 50 | 50 | 50 | 53 | 53 | 53 | 53 | 57 | 57 | |
| 40 | 6 | 8811 | 8 | 1808714 | 57 | 57 | 53 | 53 | 53 | 53 | 45 | 45 | 45 | 45 | 47 | 47 | 47 | 47 | |
| 40 | 6 | 8811 | 14 | 2208714 | 50 | 50 | 50 | 50 | 53 | 53 | 53 | 53 | 49 | 49 | 49 | 49 | 48 | 48 | |

FORM 1411-S
PRINTED IN U.S.A.

```
4D   6  8811 14 2908714 51  51  51  51  45  45  45  45  50  50  50  50
4D 8811 14 0109714 44  45  38  40  38  40  41  44  43  44  42  43  40  37
4D 8811 14 1509714 38  41  36  39  36  40  41  40  39  39  39  34  34  31
4D 8811 14 2909714 32  33
4D 9139 14 0605713      17      02
4D 9139 14 2005713  01  01
4D 9139 14 0306713
4D   6  9139  2 1206713      01  04  05  01      14  03  01  06  07
4D   6  9139 14 1606713  06  06
4D   6  9139  2 2006713          15
4D   6  9139 14 2306713
4D   6  9139  2 2706713      02  25  46  07  08  06
4D   6  9139 14 3006713  11
4D   6  9139  2 0107713          02
4D   6  9139 14 0407713
4D   6  9139  2 0807713
4D   6  9139 14 1107713  02  01  03  07  04  05  01  02  04  04
4D   6  9139  2 1507713  02  02  14      03  04
4D   6  9139 14 1807713      19
4D   6  9139  2 2207713          02      03
4D   6  9139 14 2507713  02      04  30  02  05  10  15
4D   6  9139  2 2907713  05      01  03  08  10  05  02
4D   6  9139  2 0108713  16  35  10  02  02  03  01
4D   6  9139 14 0408713    11      19  40  21  15  03  02
4D   6  9139  2 0808713
4D   6  9139 14 1108713
4D   6  9139  2 1508713
4D   6  9139 14 1808713    71  37      15
4D   6  9139  2 2208713        19  09
4D   6  9139 14 2508713  28    10
4D   6  9139  2 2908713          06  08  03
4D   6  9139  2 0109713        40  37  11      25  14  07
4D   6  9139 14  409713  01  03  01  01      08    08  03  02  12
4D   6  9139  2  809713      02      09  03  06  01
4D   6  9139 14 1509713
4D   6  9139  2 1509713    09  02
4D   6  9139 14 1809713          10
4D   6  9139  2 2209713  32
4D   6  9139 14 2509713    04
4D   6  2000 14 1008713  10  20  48  16  40  82 186  62  12  26  60  20
4D   6  2000 14 1608713  50 100 224  76 120 240 540 180  30  60 134  46
6S   501 14 0605712 22000014 31082 220000
6S   601 14 0605712 14500014 31082 1450
PQ   5001     5010      14 06057114 310871  6 0 400000
PHC 20003  50P91393  50A      14 06057114 310871  6     10       0
PEC   501F         14 06057114 310871  6    2165   2215
PQ   6001     6010      14 06057114 310871  6 0 400000
PHC 20003  50P91393  50A      14 06057114 310871  6     10       0
PEC   601F         14 06057114 310871  6    1415   1465
EOF..
```

FORM 11813

PRINTED IN U.S.A.

```
JSSARR,T170,CM170000,P02.
USER,5/005U,AALASKA.D.CRAWFORD/AAI,BUFFALO/716-853-7525
GET,OLAYS=SSARR8/UN=CHCLELR.
OLAYS,INPUT,SARROT.
EXIT,U.
REPLACE,SARROT/NA.
COST,LO=F.
DAYFILE,SSPRNG.
REPLACE,SSPRNG.
/*EOR.
JOB       290181    1    1 DEVIL CANYON SPRING PMF ON SUSITNA RIVER
CP  1480     4620          GUKGL
CP  2000     3000          BASAV
CP  8810     2401          SUMMIT
CP  9139     2550          GRACIO
CP  9410     2408          TRIMS
CT01  1015   2  0 95       999     100     SMI GL
CT01  1018   2  0 10       2.5 20  5 40 SMI
CT02  1018  12 60 15 75       999 80
CT01  1020   2  0 10  2 20  5 40 SMI
CT02  1020  12 60 15 85     9999 85
CT01  1021   2  0  5 99  5     9999  5 SMI
CT01  1022   2  0       100 99      100     9999      100 SMILK
CT01  2009   2  0 60       0.1 50       0.2 45 BII
CT02  2009          0.3 37       0.4 32       0.5 29      0.6MCKENZ
CT03  2009  27       1.0 20       2.0 10       9999 10
CT01  2011   2  0 50       0.1 47       0.2 45 BII
CT02  2011          0.3 37       0.4 32       0.5 29      0.6
CT03  2011  27  1 20  2  8  3  4
CT04  2011   5  2       999  1
CT01  2012   2  0 70 .5 50  3 20 BII
CT02  2012   5 10 10       .05 99      .05
CT01  2017   2  0       100       1.0 95     9999 95 BIIGL
CT01  3003   2  0  0     .016     .0026      .033     .008 S-SS
CT02  3003          .05      .015      .067      .024      .083      .036      .100MCKENZ
CT03  3003          .05       2.0      1.20       999       999
CT01  3008   2  0  0       .01      .0005       .02      .0015 S-SS
CT02  3008          .03       .003       .04       .005       .05       .008       .06
CT03  3008         .012       .07       .017       .08       .023       .09       .03
CT04  3008          .10       .038       999       999
CT01  3009   2  0  0       .05      .001       0.5       .05  S/SS
CT02  3009          1.0       0.2       9999       9000         GLAC
CT01  4008   2  4      0.03  5      0.09  6      0.11    ETI
CT02  4008   7     0.35  8     0.35  9     0.20
CT01  4009   2  4      0.03        0.05  6      0.06    ETI
CT02  4009   7     0.07  8     0.08  9     0.06       GLAC
CT01  4010   2  4      0.03  5      0.09  6      0.20    ETI
CT02  4010   7     0.45  8     0.45  9     0.20
CT01  5001   2  0       100 .5 30  1 20   KE
CT02  5001          1.5 20       999 20
CT01  6004   2  0       100       100       100     9999      100 SCDGL
CT01  6006   2  0       100  8 80 20 60  SCD
CT02  6006  36 40 59 20       100  0      999
CT03  6006   0
CT01  7005   2  0      0.32       100      0.32     9999     0.32 MELTR
CT01  7009   2  0      0.12       100      0.12     9999     0.12 MELTR
CT01  7010   2  0      0.10 20      0.15 40     0.24 METSUS
CT01  7010  50     0.30 80      0.40       100      0.45     9999
CT02  7010  50       .08       100       .08     9999       .08 MELTG
CT01  7011   2  0       .08       100       .08     9999       .08 MELTG
CB01    10     1          SUSITNA GLACIER
CB02    10  2214  6 4  12 4  24    100 50016004     40091015
CB03    10  2017 10  3009       7011     35 32 33
CB04    10  32000132488810100
CB11    10  2800    0  3000 45 4000  177 5000  359 6000  611 7000  848
```

DATA FILE 2 - ACRES SENSITIVITY ANALYSIS
USING COE SPRING PMF, RAINFALL,
TEMPERATURE AND INITIAL SNOW PACK
CHANGED SSARR MODEL INPUT

FORM 1411-3
PRINTED IN U.S.A.

```
CB01   20    1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02   20  6944  8 4  20 5 156   100 50016006    40081018
CB03   20  2011 10  3008      7005   35 32 33
CB04   20  3200013248810100
C3 1   20  2040   0  3000  277 4000  532 5000  813 6000  928 7000  971
C3 2   20  8000  984 9000  98910000  99813832  9999999999999
CC01   30          SUSITNA RIVER NEAR DENALI CALCULAIED
CR01   55          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02   55   2 2  11
CB01   80          LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02   80  3124  3 4   8 5 156   100 50016006    40081018
CB03   80  2009  9  3008      7010   35 32 33
CB04   80  3200005548810100
C3 1   80  2370    6 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2   80  9999999999
CC01   100         DENALI DAMSITE  1260 SQ MI
CR01   125         100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02   125   3 2  11
CB01   160    1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02   160  4774  3 4   8 5 156   100 50016006    40081018
CB03   160  2009  9  3008      7010   35 32 33
CB04   160  3200006448810100
C3 1   160  2350    0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2   160  9999999999
CB01   210         MACLAREN GLACIER
CB02   210   443  6 3  12 3  24   100 50016004    40091015
CB03   210  2017 10  3009      7011      35 32 33
CB04   210  3200009748810100
C3 1   210  3150   0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2   210  8850  9999999999999
CB01   220         MACLAREN NON-GLACIER ABV USGS GAGE
CB02   220  2324  5 4  20 5 156 75 50016006    40081018
CB03   220  2012 10  3003      7005   35 32 33
CB04   220  3200009748810100  0
C3 1   220  2866   0  3000 82 4000  505 5000  801 6000  949 7000  986
C3 2   220  8000  998 8850  9999999999999
CC01   230         MACLAREN RIVER NEAR PAXSON CALCULATED
CR01   255         230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02   255   6 2  10
CB01   280         MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02   280  3074  3 4   8 5 156   100 50016006    40081018
CB03   280  2009  9  3008      7010   35 32 33
CB04   280  3200006448810100
C3 1   280  2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01   300         CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01   325         300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02   325   5 2  9
CB01   330         LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02   330  483 15 1   0 1   0   100 50016006    40081022
CB03   330  2009  9  3008      7010   35 32 33
CB04   330  3200006448810100
C3 1   330  2361    0 2363  9999999999999
CR01   335         330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02   335   3 4 100
CB01   340         TYONE RIVER BASIN 1047 SQ MI
CB02   340 10478 10 8  48 8 200   100 50016006    40101021
CB03   340  2009  9  3008      7010   35 32 33
CB04   340  3200006448810100
C3 1   340  2100    0 3000  687 4000  952 5000  998 5275  9999999999999
CC01   350         COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01   375         350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02   375   1 2  9
CB01   380         OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02   380  7353  3 4   8 4 .96   100 50016006    40081018
CB03   380  2009  9  3008      7010   35 32 33
```

FORM 1111-3
PRINTED IN U.S.A.

```
C3 1   580  1910     0 2000   2 3000   156 4000   491 5000   784 6000   960
C3 2   580  7000   998 7770   9999999999999
CC01   400     1          SUSITNA NR CANIWELL CAL(VEE DAMSITE) 41405M
CR01   425              400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
CR02   425     4 1   3
CB01   480     1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02   480 10454  8 4  15 5 156   100 50016006    40081020
CB03   480   2009  9  3008       7005   35 32 33
CB04   480   320001948810100
C3 1   480  1450     0 2000  30 3000   277 4000   685 5000   911 6000   989
C3 2   480  7000   989 7200   9999999999999
CC01   500     1          WATANA INFLOW
CL01   501     1          WATANA OUTFLOW
CL02   501          2225   2165
C110   501  2165  34000        8450000 2170    44200     8600000
C111   501  2175  54400        8800000 2180    70800     8950000
C112   501  2185  87000        9100000 2190   103100     9275000
C113   501  2195 119300        9450000 2200   139400     9625000
C114   501  2201 150600        9660000 2202   160700     9695000
C115   501  2203 171800        9730000 2204   182900     9765000
C116   501  2205 193000        9800000 2210   248100    10000000
C117   501  2215 258200       10200000 2220   268300    10400000
C118   501  2225 278400     1060000099999  9999999    99999999
CR01   525     1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02   525     3 1   3
CB01   580     1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02   580  6284  8 4  15 5 156   100 50016006    40081020
CB03   580   2009  9  3008       7005   35 32 33
CB04   580   320001064881010O  0
C3 1   580  910     0 1000  2 2000    84 3000   441 4000   795 5000   962
C3 2   580  6000   998 6910   9999999999999
CC01   600     1          DEVIL CANYON INFLOW
CL01   601     1          DEVIL  CANYON OUTFLOW
CL02   601          1464   1445
C110   601  1445 170000        932500 1446   177000     939000
C111   601  1447 184000        945500 1448   191000     952000
C112   601  1449 198000        958500 14500  205000     965000
C113   601  1451 212000        971500 1452   219000     978000
C114   601  1453 226000        984500 1454   233000     991000
C115   601  1455 240000        997500 1458   261000    1025000
C116   601  1461 282000       1043750 1464   303000    1062500
C117   601  1467 324000       1081250 9999  9999999   9999999
CR01   625              600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02   625     1 1   3
CB01   680              PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02   680  3454  8 4  15 5 156   100 50016006    40081020
CB03   680   2009  9  3008       7005   35 32 33
CB04   680   320000848810100  0
C3 1   680  677     0 1000 32 2000   261 3000   510 4000   809 5000   971
C3 2   680  6000   998 6018   9999999999999
CC01   700     1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P      10      50
P      20      30
P      30      55
P      55     100
P      80     100
P     100     125
P     125     300
P     180     300
P     210     250
P     220     230
P     230     255
P     255     300
P     280     300
P     300     325
```

FORM 1413

PRINTED IN U.S.A.

```
P  330  335
P  335  350
P  380  350
P  350  375
P  375  400
P  380  400
P  480  500
P  400  500
P  500  501
P  501  600
P  580  600
P  600  601
P  601  625
P  680  700
P  625  700
P  700
T  14 02057206 14 270672
2B00   10 14 020572    6   30  100   99
2B02   10 14 020572   10   10   10   10  10
2B03   10 14 020572   10   10   10   10  10
2B04   10 14 020572  220  220  220  220 220
2B00   20 14 020572    6   03  100   54
2B02   20 14 020572   10   10   10   10  10
2B03   20 14 020572   20   20   20   20  20
2B04   20 14 020572  170  170  170  170 170  170  170  170
2B00   80 14 020572    6   03  100   23
2B02   80 14 020572    5    5    5    5   5
2B03   80 14 020572    7    7    7    7   7
2B04   80 14 020572   50   50   50   50  50
2B00  180 14 020572    6   03  100   21
2B02  180 14 020572    7    7    7    7   7
2B03  180 14 020572    7    7    7    7   7
2B04  180 14 020572   80   80   80   80  80 80
2B00  210 14 020572    6   30  100   99
2B02  210 14 020572    5    5    5    5   5
2B03  210 14 020572    5    5    5    5   5
2B04  210 14 020572   90   90   90   90  90
2B00  220 14 020572    6   03  100   41
2B02  220 14 020572    5    5    5    5   5
2B03  220 14 020572   10   10   10   10  10
2B04  220 14 020572   65   65   65   65  65 65  65  65
2B00  280 14 020572    6   03  100   20
2B02  280 14 020572    5    5    5    5   5
2B03  280 14 020572    6    6    6    6   6
2B04  280 14 020572   50   50   50   50  50 50
2B00  330 14 020572   20   03  100   15
2B02  330 14 020572   15   15   15   15  15
2B03  330 14 020572    2    2    2    2   2
2B04  330 14 020572    2    2    2    2   2
2B00  340 14 020572    7  300  100   18
2B02  340 14 020572    8    8    8    8   8
2B03  340 14 020572   10   10   10   10  10 10  10  10
2B04  340 14 020572  180  180  180  180 180  180  180  180
2B00  380 14 020572    7   03  100   39
2B02  380 14 020572    6    6    6    6   6
2B03  380 14 020572   10   10   10   10  10
2B04  380 14 020572  130  130  130  130 130
2B00  480 14 020572    9   03  100   38
2B02  480 14 020572   30   30   30   30  30
2B03  480 14 020572   32   32   32   32  32
2B04  480 14 020572  870  870  870  870 870
2L01  581 14 020572 2000 2200 9625000
2B00  580 14 020572    9   03  100   32
2B02  580 14 020572   20   20   20   20  20
2B03  580 14 020572   21   21   21   21  21
```

FORM 1111-2
PRINTED IN U.S.A.

```
2L01    601 14 020572     2000 1450  950000
2B00    680 14 020572       9    03  100    32
2B02    680 14 020572      10     10    10    10   10
2B03    680 14 020572      17     17    17    17   17
2B04    680 14 020572     280    280   280   280  280
4D   6   8810 14 0205724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810  2 0605724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810 14 0905724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810  2 1305724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810 14 1605724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810  2 2005724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810 14 2305724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810  2 2705724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810 14 3005724 32  32  32  32  32  32  32  32
4D   6   8810 14 0106724 32  32  32  32  32  32  32  32  32  32  32  32  32  32
4D   6   8810  2 0506724 32  32  32  32  32  32  34  36  38  40  42  44  46  48
4D   6   8810 14 0806724 50  53  57  59  61  63  66  66  66  66  63  63  63  63
4D   6   8810  2 1206724 61  61  61  61  60  60  60  60  58  58  58  58  59  59
4D   6   8810 14 1506724 59  59  57  57  57  57  60  60  60  60  64  64  64  64
4D   6   8810  2 1906724 68  68  68  68  70  70  70  70  71  71  71  71  73  73
4D   6   8810 14 2206724 73  73  72  72  72  72  66  66  66  66  63  63  63  63
4D   6   8810  2 2606724 62  62  62  62  61  61  61  61  61  61  61  61  60  60
4D   6   8810 14 2906724 60  60  59  59  59  59  51  51
4D   6   8810 14 0107724 51  51  51  51  53  53  53  53  56  56  56  56  60  60
4D   6   8810  2 0507724 60  60  62  62  62  62  65  65  65  65  63  63  63  63
4D   6   8810 14 0807724 61  61  61  61  59  59  59  59  62  62  62  62  63  63
4D   6   8810  2 1207724 63  63  61  61  61  61  58  58  58  58  55  55  55  55
4D   6   8810 14 1507724 54  54  54  54  51  51  51  51  52  52  52  52  48  48
4D   6   8810  2 1907724 48  48  50  50  50  50  53  53  53  53  52  52  52  52
4D   6   8810 14 2207724 55  55  55  55  56  56  56  56  55  55  55  55  53  53
4D   6   8810  2 2607724 53  53  55  55  55  55  56  56  56  56  54  54  54  54
4D   6   8810 14 2907724 56  56  56  56  55  55  55  55  56  56  56  56
4D   6   8810 14 0108724 451 451 451 451 468 468 468 468 477 477 477 477 455 455
4D   6   8810  2 0508724 455 455 433 433 433 433 367 367 367 367 376 376 376 376
4D   6   8810 14 0808724 424 424 424 424 428 428 428 428 40  40  40  40  40  40
4D   6   8810  2 1208724 40  40  40  40  40  40  392 392 392 392 392 392 392 392
4D   6   8810 14 1508724 414 414 414 414 40  40  40  40  40  40  40  40  40  40
4D   6   8810  2 1908724 40  40  446 446 446 446 424 424 424 424 428 428 428 428
4D   6   8810 14 2208724 432 432 432 432 405 405 405 405 370 370 370 370 388 388
4D   6   8810  2 2608724 388 388 397 397 397 397 374 374 374 374 387 387 387 387
4D   6   8810 14 2908724 361 361 361 361 356 356 356 356 354 354 354 354
4D   6   2000 14 3005723  04  07  17  06  14  29  65  22  04  09  21  07
4D   6   2000  2 1406723  25  50 112  38  60 120 270  90  15  30  67  23
6S   501 14 0205722 22000014 31072 220000
6S   601 14 0205722 14500014 31072 1450
PQ   500I     501U      14 02057214 310772 06 0 400000
PHC 20003 100P        14 02057214 310772 06     10       0
PHC 88104 100T        14 02057214 310772 06     20     120
PEC   501E        14 02057214 310772 06    2165    2215
PQ   600I     601U      14 02057214 310772 06 0 400000
PHC 20003 100P        14 02057214 310772 06     10       0
PHC 88104 100T        14 02057214 310772 06     20     120
PEC   601E        14 02057214 310772 06    1415    1465
/*EOF.
EOF..
```

FORM 1411-3
PRINTED IN U.S.A.

```
JSSARK,T170,CM170000,P02.
USER,5700SD,AALASKA.D.CRAWFORD/716-8537525/AAI,BUFFALO
GET,OLAYS=SSARRB/UN=CFCFLB.
OLAYS,INPUT,SSAR01.
EXIT,U.
REPLACE,SSAR01/NA.
COST,LO=F.
DAYFILE,SSPRNG.
REPLACE,SSPRNG.
/*EOR.
JOB       010475   1   1 DEVIL CANYON SPRING PMF ON SUSITNA RIVER
CP  1480    4620          GOKGL
CP  2000    3000          BASAV
CP  8810    2401          SUMMIT
CP  9139    2550          GRACTO
CP  9410    2408          TRIMS
CT01  1015   2  0 95       999      100     SMI GL
CT01  1018   2  0 10       2.5 20   5 40 SMI
CT02  1018  12 60 15 75       999 80
CT01  1020   2  0 10   2 20   5 40 SMI
CT02  1020  12 60 15 85     9999 85
CT01  1021   2  0  5 99  5     9999  5 SMI
CT01  1022   2  0      100 99      100     9999      100 SMILK
CT01  2009   2  0 60       0.1 50      0.2 45 BII
CT02  2009          0.3 37      0.4 32      0.5 29      0.6MCKENZ
CT03  2009  27       1.0 20      2.0 10      9999 10
CT01  2011   2  0 50       0.1 47      0.2 45 BII
CT02  2011          0.3 37      0.4 32      0.5 29      0.6
CT03  2011  27  1 20   2  8  3  4
CT04  2011   5  2      999  1
CT01  2012   2  0 70 .5 50   3 20 BII
CT02  2012   5 10 10       .05 99      .05
CT01  2017   2  0      100      1.0 95     9999 95 BIIGL
CT01  3003   2  0  0     .016    .0026     .033     .008 S-SS
CT02  3003          .05     .015     .067     .024     .083     .036     .100MCKENZ
CT03  3003          .05      2.0     1.20      999      999
CT01  3008   2  0  0      .01    .0005     .02    .0015 S-SS
CT02  3008          .03     .003     .04     .005     .05     .008     .06
CT03  3008         .012     .07     .017     .08     .023     .09     .03
CT04  3008          .10     .038      999      999
CT01  3009   2  0  0      .05     .001      0.5      .05  S/SS
CT02  3009          1.0      0.2     9999     9000        GLAC
CT01  4008   2  4     0.03  5     0.09  6     0.11   ETI
CT02  4008   7     0.35  8     0.35  9     0.20
CT01  4009   2  4     0.03  5     0.05  6     0.06   ETI
CT02  4009   7     0.07  8     0.08  9     0.06      GLAC
CT01  4010   2  4     0.03  5     0.09  6     0.20   ETI
CT02  4010   7     0.45  8     0.45  9     0.20
CT01  5001   2  0      100 .5 30  1 20   KF
CT02  5001          1.5 20      999 20
CT01  6004   2  0      100      100      100     9999      100 SCDGL
CT01  6006   2  0      100  8 80 20 60  SCD
CT02  6006  36 40 59 20      100  0      999
CT03  6006   0
CT01  7005   2  0     0.32      100     0.32     9999     0.32 MELTR
CT01  7009   2  0     0.12      100     0.12     9999     0.12 MELTR
CT01  7010   2  0     0.10 20     0.15 40    0.24 METSUS
CT02  7010  50     0.30 80     0.40      100     0.45     9999
CT01  7011   2  0      .08      100      .08     9999      .08 MELTG
CB01    10     1          SUSITNA GLACIER
CB02    10  2214   6 4   12 4   24    100 50016004    40091015
CB03    10  2017 10  3009       7011    35 32 33
CB04    10  5200013246810100
CS 1    10  2800   0  3000 45 4000  177 5000  359 6000  611 7000  848
```

FORM 1612

PRINTED IN U.S.A.

```
CR01   20      1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02   20  6444  8 4  20 5 156   100 50016006    40081018
CB03   20  2011 10  3008      7005   35 32 33
CB04   20  3200013248810100
C3 1   20  2440   0  3000  277 4000  532 5000  815 6000  928 7000  971
C3 2   20  8000  964 9000  98910000  99813832  9999999999999
CC01      30      1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01      55      1          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02   55    2 2  11
CB01   80      1          LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02   80  3124  3 4   8 5 156   100 50016006    40081018
CB03   80  2009  9  3008      7010   35 32 33
CB04   80  3200005548810100
C3 1   80  2370   0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2   80 9999999999
CC01     100      1          DENALI DAMSITE  1260 SQ MI
CR01   125      1          100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02   125    3 2  11
CB01   180      1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02   180  4774  3 4   8 5 156   100 50016006    40081018
CB03   180  2009  9  3008      7010   35 32 33
CB04   180  3200006448810100
C3 1   180  2350   0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2   180 9999999999
CB01   210      1          MACLAREN GLACIER
CB02   210   443  6 3  12 3  24   100 50016004    40061015
CB03   210  2017 10  3009      7009   9  35 32 33
CB04   210  3200009748810100
C3 1   210  3150   0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2   210  8850  9999999999999
CB01   220      1          MACLAREN NON-GLACIER ABV USGS GAGE
CB02   220  2324  5 4  20 5 156 75 50016006    40081018
CB03   220  2012 10  3003      7005   35 32 33
CB04   220  3200009748810100  0
C3 1   220  2866   0  3000 82 4000  505 5000  801 6000  949 7000  986
C3 2   220  8000  998 8850  9999999999999
CC01   230      1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01   255      1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02   255    6 2  10
CB01   280      1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02   280  3074  3 4   8 5 156   100 50016006    40081018
CB03   280  2009  9  3008      7010   35 32 33
CB04   280  3200006448810100
C3 1   280  2350   0 3000  498 4000  967 5000  968 5275  9999999999999
CC01   300      1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01   325      1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02   325    5 2  9
CB01   330      1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02   330  483 15 1   0 1   0   100 50016006    40081022
CB03   330  2009  9  3008      7010   35 32 33
CB04   330  3200006448810100
C3 1   330  2361   0 2365  9999999999999
CR01   335      1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02   335    3 4 100
CB01   340      1          TYONE RIVER BASIN 1047 SQ MI
CB02   340 10478 10 8  48 8 200   100 50016006    40101021
CB03   340  2009  9  3008      7010   35 32 33
CB04   340  3200006448810100
C3 1   340  2100   0 3000  687 4000  952 5000  998 5275  9999999999999
CC01   350      1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01   375      1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(0)
CR02   375    1 2  9
CB01   380      1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02   380  7353  3 4   8 4  96   100 50016006    40081018
CB03   380  2009  9  3008      7010   35 32 33
```

DATA FILE.3 - ACRES SENSITIVITY ANALYSIS
USING COE SPRING PMF, RAINFALL AND
INITIAL SNOW PACK CHANGED
SSARR MODEL INPUT

FORM 1413-3

PRINTED IN U.S.A.

[redacted]

```
C3 1   380  1910    0 2000  2 3000  156 4000  491 5000  784 6000. 960
C3 2   380  7000  998 7770  9999999999999
CC01   400     1          SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
CR01   425     1            400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
CR02   425    4 1   3
CB01   480     1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02   480 10454  8 4  15 5 156   100 50016006    40081020
CB03   480   2009  9  3008       7005   35 32 33
CB04   480   3200013948810100
C3 1   480  1450    0 2000 30 3000  277 4000  683 5000  911 6000  989
C3 2   480  7000  989 7200  9999999999999
CC01   500     1          WATANA INFLOW
CL01   501     1          WATANA OUTFLOW
CL02   501          2225   2165
C110   501  2165  34000        8450000 2170    44200    8600000
C111   501  2175  54400        8800000 2180    70800    8950000
C112   501  2185  87000        9100000 2190   103100    9275000
C113   501  2195 119300        9450000 2200   139400    9625000
C114   501  2201 150600        9660000 2202   160700    9695000
C115   501  2203 171800        9730000 2204   182900    9765000
C116   501  2205 193000        9800000 2210   248100   10000000
C117   501  2215 258200       10200000 2220   268300   10400000
C118   501  2225 278400       10600000999999  9999999   99999999
CR01   525     1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02   525    3 1   3
CB01   580     1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02   580  6284  8 4  15 5 156   100 50016006    40081020
CB03   580   2009  9  3008       7005   35 32 33
CB04   580   3200010648810100
C3 1   580 910    0 1000  2 2000   84 3000  441 4000  795 5000  962
C3 2   580  6000  998 6910  9999999999999
CC01   600     1          DEVIL CANYON INFLOW
CL01   601     1          DEVIL  CANYON OUTFLOW
CL02   601          1464   1445
C110   601  1445 170000        932500 1446   177000     939000
C111   601  1447 184000        945500 1448   191000     952000
C112   601  1449 198000        958500 14500  205000     965000
C113   601  1451 212000        971500 1452   219000     978000
C114   601  1453 226000        984500 1454   233000     991000
C115   601  1455 240000        997500 1458   261000    1025000
C116   601  1461 282000       1043750 1464   303000    1062500
C117   601  1467 324000       1081250 9999  9999999    9999999
CR01   625     1            600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02   625    1 1   3
CB01   680     1            PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02   680  3454  8 4  15 5 156   100 50016006    40081020
CB03   680   2009  9  3008       7005   35 32 33
CB04   680   3200008848819100  0
C3 1   680 677    0 1000 32 2000  261 3000  510 4000  809 5000  971
C3 2   680  6000  998 6018  9999999999999
CC01   700     1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P     10      30
P     20      30
P     30      55
P     55     100
P     80     100
P    100     125
P    125     300
P    180     300
P    210     230
P    220     230
P    230     255
P    255     300
P    280     300
P    300     325
```

FORM 1411-3
PRINTED IN U.S.A.

```
P  330  355
P  335  350
P  340  350
P  350  375
P  375  400
P  380  400
P  486  500
P  400  500
P  506  501
P  501  600
P  580  600
P  600  601
P  601  625
P  680  709
P  625  700
P  700
T  14 020572206 14 270672
2B00   10 14 020572    6   30  160   99
2B02   10 14 020572   10   10   10   10   10
2B03   10 14 020572   10   10   10   10   10
2B04   10 14 020572  220  220  220  220  220
2B00   20 14 020572    6   03  100   54
2B02   20 14 020572   10   10   10   10   10
2B03   20 14 020572   20   20   20   20   20
2B04   20 14 020572  170  170  170  170  170  170  170  170
2B00   80 14 020572    6   03  100   23
2B02   80 14 020572    5    5    5    5    5
2B03   80 14 020572    7    7    7    7    7
2B04   80 14 020572   50   50   50   50   50
2B00  180 14 020572    6   03  100   21
2B02  180 14 020572    7    7    7    7    7
2B03  180 14 020572    7    7    7    7    7
2B04  180 14 020572   80   80   80   80   80  80
2B00  210 14 020572    6   03  100   99
2B02  210 14 020572    5    5    5    5    5
2B03  210 14 020572    5    5    5    5    5
2B04  210 14 020572   90   90   90   90   90
2B00  220 14 020572    6   03  100   41
2B02  220 14 020572    5    5    5    5    5
2B03  220 14 020572   10   10   10   10   10
2B04  220 14 020572   65   65   65   65   65  65   65   65
2B00  280 14 020572    6   03  100   20
2B02  280 14 020572    5    5    5    5    5
2B03  280 14 020572    6    6    6    6    6
2B04  280 14           50   50   50   50   50  50
2B00  330 14 [illegible]2   20   03  100   15
2B02  330 14 0[illegible]72   15   15   15   15   15
2B03  330 14 020572    2    2    2    2    2
2B04  330 14 020572    2    2    2    2    2
2B00  340 14 020572    7  300  100   18
2B02  340 14 020572    8    8    8    8    8
2B03  340 14 020572   10   10   10   10   10  10   10   10
2B04  340 14 020572  180  180  180  180  180  180  180  180
2B00  380 14 020572    7   03  100   39
2B02  380 14 020572    6    6    6    6    6
2B03  380 14 020572   10   10   10   10   10
2B04  380 14 020572  130  130  130  130  130
2B00  480 14 020572    9   03  100   38
2B02  480 14 020572   30   30   30   30   30
2B03  480 14 020572   32   32   32   32   32
2B04  480 14 020572   [illegible]0  870  870  870  870
2B01  501 14 020572 2000 2200 9625000
2B00  580 14 020572    9   03  100   32
2B02  580 14 020572   20   20   20   20   20
2B03  580 14 020572   21   21   21   21   21
```

FORM 1811-3

PRINTED IN U.S.A.

```
2L01    601 14 020572     2000 1450  950000
2B00    680 14 020572       9    03  100   32
2B02    680 14 020572      10     10    10   10   10
2B03    680 14 020572      17     17    17   17   17
2B04    680 14 020572     280    280   280  280  280
4D   6  8810 14 0205724 34  34  34  34  28  28  28  28  30  30  30  30  32  32
4D   6  8810  2 0605724 32  32  34  34  34  34  31  31  31  31  27  27  27  27
4D   6  8810 14 0905724 26  26  26  26  28  28  28  28  34  34  34  34  36  36
4D   6  8810  2 1305724 36  36  36  36  36  36  32  32  32  32  31  31  31  31
4D   6  8810 14 1605724 30  30  30  30  30  30  30  30  39  39  39  39  36  36
4D   6  8810  2 2005724 36  36  38  38  38  38  36  36  36  36  32  32  32  32
4D   6  8810 14 2305724 35  35  35  35  35  35  35  35  37  37  37  37  33  33
4D   6  8810  2 2705724 33  33  37  37  37  37  41  41  41  41  37  37  37  37
4D   6  8810 14 3005724 33  33  33  33  31  37  35  35
4D   6  8810 14 0106724 35  35  38  38  38  38  35  35  35  35  38  38  38  38
4D   6  8810  2 0506724 42  42  42  42  47  47  47  47  52  52  52  52  57  57
4D   6  8810 14 0806724 57  57  58  58  58  58  57  57  57  57  54  54  54  54
4D   6  8810  2 1206724 52  52  52  52  51  51  51  51  49  49  49  49  50  50
4D   6  8810 14 1506724 50  50  48  48  48  48  51  51  51  51  55  55  55  55
4D   6  8810  2 1906724 59  59  59  59  65  65  65  65  71  71  71  71  73  73
4D   6  8810 14 2206724 73  73  72  72  72  72  66  66  66  66  63  63  63  63
4D   6  8810  2 2606724 62  62  62  62  61  61  61  61  61  61  61  61  60  60
4D   6  8810 14 2906724 60  60  59  59  59  59  51  51
4D   6  8810 14 0107724 51  51  51  51  53  53  53  53  56  56  56  56  60  60
4D   6  8810  2 0507724 60  60  62  62  62  62  65  65  65  65  63  63  63  63
4D   6  8810 14 0807724 61  61  61  61  59  59  59  59  62  62  62  62  63  63
4D   6  8810  2 1207724 63  63  61  61  61  61  58  58  58  58  55  55  55  55
4D   6  8810 14 1507724 54  54  54  54  51  51  51  51  52  52  52  52  48  48
4D   6  8810  2 1907724 48  48  50  50  50  50  53  53  53  53  52  52  52  52
4D   6  8810 14 2207724 55  55  55  55  56  56  56  56  55  55  55  55  53  53
4D   6  8810  2 2607724 53  53  55  55  55  55  56  56  56  56  54  54  54  54
4D   6  8810 14 2907724 56  56  56  56  55  55  55  55  56  56  56  56
4D   6  8810 14 0108724 451 451 451 451 468 468 468 468 477 477 477 477 455 455
4D   6  8810  2 0508724 455 455 433 433 433 433 367 367 367 367 376 376 376 376
4D   6  8810 14 0808724 424 424 424 424 428 428 428 428 40  40  40  40  40  40
4D   6  8810  2 1208724 40  40  40  40  40  40  392 392 392 392 392 392 392 392
4D   6  8810 14 1508724 414 414 414 414 40  40  40  40  40  40  40  40  40  40
4D   6  8810  2 1908724 40  40  446 446 446 446 424 424 424 424 428 428 428 428
4D   6  8810 14 2208724 432 432 432 432 405 405 405 405 370 370 370 370 388 388
4D   6  8810  2 2608724 388 388 397 397 397 397 374 374 374 374 387 387 387 387
4D   6  8810 14 2908724 361 361 361 361 356 356 356 356 354 354 354 354
4D   6  2000 14 3005723  04  07  17  06  21  29  65  22  04  09  21  07
4D   6  2000  2 1406723  25  50 112  38  60 120 270  90  15  30  67  23
6S   501 14 0205722 22000014 31072 220000
6S   601 14 0205722 14500014 31072 1450
PQ   5001     5010      14 02057214 310772 06 0 400000
PHC 20003 100P        14 02057214 310772 06     10       0
PHC 88104 100T        14 02057214 310772 06     20    120
PEC   501E        14 02057214 310772 06    2165   2215
PQ   6001     6010      14 02057214 310772 06 0 400000
PHC 20003 100P        14 02057214 310772 06     10       0
PHC 88104 100T        14 02057214 310772 06     20    120
PEC   601E        14 02057214 310772 06    1415   1465
/*EOF.
EOF.
```

FORM 1411-3
PRINTED IN U.S.A.

```
JSSARR,I170,CM170000,P01.
USER,5700SU,AALASKA.D.CRAWFORD/716-8537525/AAI,BUFFALO
GET,OLAYS=SSARRB/UN=CFCELB.
OLAYS,INPUT,SSAROT.
EXIT,U.
REPLACE,SSAROT/NA.
COST,LO=F.
DAYFILE,SSPRNG.
REPLACE,SSPRNG.
/*EOR.
JOB      010475   1   1 DEVIL CANYON SPRING PMF ON SUSITNA RIVER
CP  1480    4620          GUKGL
CP  2000    3000          BASAV
CP  8810    2401          SUMMIT
CP  9139    2550          GRACIO
CP  9410    2408          TRIMS
CT01  1015   2  0 95      999      100     SMI GL
CT01  1018   2  0 10      2.5 20   5 40 SMI
CT02  1018  12 60 15 75      999 80
CT01  1020   2  0 10  2 20   5 40 SMI
CT02  1020  12 60 15 85     9999 85
CT01  1021   2  0  5 99  5     9999  5 SMI
CT01  1022   2  0      100 99      100     9999      100 SMILK
CT01  2009   2  0 60      0.1 50      0.2 45 BII
CT02  2009          0.3 37      0.4 32      0.5 29      0.6MCKENZ
CT03  2009  27      1.0 20      2.0 10      9999 10
CT01  2011   2  0 50      0.1 47      0.2 45 BIT
CT02  2011          0.3 37      0.4 32      0.5 29      0.6
CT03  2011  27  1 20  2  8  3  4
CT04  2011   5  2      999  1
CT01  2012   2  0 70 .5 50  3 20 BII
CT02  2012   5 10 10      .05 99      .05
CT01  2017   2  0      100      1.0 95     9999 95 BIIGL
CT01  3003   2  0  0     .016    .0026     .033     .008 S-SS
CT02  3003          .05     .015     .067     .024     .083     .036     .100MCKENZ
CT03  3003          .05      2.0     1.20      999      999
CT01  3008   2  0  0      .01    .0005      .02'   .0015 S-SS
CT02  3008          .03     .003      .04     .005      .05     .008      .06
CT03  3008         .012      .07     .017      .08     .023      .09      .03
CT04  3008          .10     .038      999      999
CT01  3009   2  0  0      .05     .001      0.5      .05  S/SS
CT02  3009          1.0      0.2     9999     9000        GLAC
CT01  4008   2  4     0.03  5     0.09  6     0.11    ETI
CT02  4008   7     0.35  8     0.35  9     0.20
CT01  4009   2  4     0.03  5     0.05  6     0.06    ETI
CT02  4009   7     0.07  8     0.08  9     0.06      GLAC
CT01  4010   2  4     0.03  5     0.09  6     0.20    ETI
CT02  4010   7     0.45  8     0.45  9     0.20
CT01  5001   2  0      100 .5 30  1 20    KE
CT02  5001          1.5 20      999 20
CT01  6004   2  0      100      100      100     9999      100 SCDGL
CT01  6006   2  0      100  8 80 20 60   SCD
CT02  6006  36 40 59 20      100  0      999
CT03  6006   0
CT01  7005   2  0     0.32      100     0.32     9999     0.32 MELTR
CT01  7009   2  0     0.12      100     0.12     9999     0.12 MELTR
CT01  7010   2  0     0.10 20     0.15 40    0.24 METSUS
CT02  7010  50     0.30 80     0.40      100     0.45     9999
CT01  7011   2  0      .08      100      .08     9999      .08 MELTG
CB01    10     1          SUSITNA GLACIER
CB02    10  2214  6 4  12 4  24    100 50016004     40091015
CB03    10   2017 10  3009       7011    35 32 33
CB04    10   32000132488 10100
C3 1    10  2800   0  3000 45 4000  177 5000  359 6000  611 7000  848
```

DATA FILE 4 - COE SPRING PMF SSARR INPUT

```
CB01   20      1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02   20  6944  8 4  20 5 156   100 50016006    40081018
CB03   20  2011 10  3008       7005   35 32 33
CB04   20  3200013248810100
C3 1   20  2440   0  3000  277 4000  532 5000  81[illegible] 5000  928 7000  971
C3 2   20  8000  984 9000  98910000  99813832  9999999999999
CC01       30      1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01       55      1          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02   55      2 2  11
CB01   80      1          LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02   80  3124  3 4   8 5 156   100 50016006    40081018
CB03   80  2009  9  3008       7010   35 32 33
CB04   80  3200005548810100
C3 1   80  2370   0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2   80 9999999999
CC01     100      1          DENALI DAMSITE  1260 SQ MI
CR01   125      1          100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02   125      3 2  11
CB01   180      1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02   180  4774  3 4   8 5 156   100 50016006    40081018
CB03   180  2009  9  3008       7010   35 32 33
CB04   180  3200006448810100
C3 1   180  2350   0 3000  350 4000  320 5000  964 6000  965 6200  999
C3 2   180 9999999999
CB01   210      1          MACLAREN GLACIER
CB02   210   443  6 3   12 3  24   100 50016004    40091015
CB03   210  2017 10  3009       7011      35 32 33
CB04   210  3200009748810100
C3 1   210  3150   0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2   210  8850  9999999999999
CB01   220      1          MACLAREN NON-GLACIER ABV USGS GAGE
CB02   220  2324  5 4   20 5 156 75 50016006    40081018
CB03   220  2012 10  3003       7005   35 32 33
CB04   220  3200009748810100  0
C3 1   220  2866   0  3000 82 4000  505 5000  801 6000  949 7000  986
C3 2   220  8000  998 8850  9999999999999
CC01   230      1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01   255      1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02   255      6 2  10
CB01   280      1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02   280  3074  3 4   8 5 156   100 50016006    40081018
CB03   280  2009  9  3008       7010   35 32 33
CB04   280  3200006448810100
C3 1   260  2350   0 3000  498 4000  967 5000  968 5275  9999999999999
CC01   300      1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01   325      1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02   325      5 2   9
CB01   330      1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02   330   483 15 1   0 1   0   100 50016006    40081022
CB03   330  2009  9  3008       7010   35 32 33
CB04   330  3200006448810100
C3 1   330  2561   0 2363  9999999999999
CR01   335      1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02   335      3 4 100
CB01   340      1          TYONE RIVER BASIN 1047 SQ MI
CB02   340 10478 10 8  48 8 200   100 50016006    40101021
CB03   340  2009  9  3008       7010   35 32 33
CB04   340  3200006448810100
C3 1   340  2100   0 3000  687 4000  952 5000  998 5275  9999999999999
CC01   350      1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01   375      1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02   375      1 2   9
CB01   380      1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02   380  7353  3 4   8 4  96   100 50016006    40081018
CB03   380  2009  9  3008       7010   35 32 33
```

FORM 1613

PRINTED IN U.S.A.

```
C3 1   380 1410    0 2000  2 3000  156 4000  491 5000  784 6000  960
C3 2   380 7000  998 7770  9999999999999
CC01   400    1          SUSITNA NR GANTWELL CAL(VEE DAMSITE) 41405M
CR01   425    1            400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
CR02   425    4 1   3
CB01   480    1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02   480 10454  8 4  15 5 156   100 50016006    40081020
CB03   480  2009  9  3008      7005   35 32 33
CB04   480  3200013948810100
C3 1   480 1450    0 2000 30 3000  277 4000  683 5000  911 6000  989
C3 2   480 7000  989 7200  9999999999999
CC01   500    1          WATANA INFLOW
CL01   501    1          WATANA OUTFLOW
CL02   501         2225   2165
C110   501 2165  34000       8450900 2170    44200     8600000
C111   501 2175  54400       8800000 2180    70800     8950000
C112   501 2185  87000       9100000 2190   103100     9275000
C113   501 2195 119300       9450000 2200   139400     9625000
C114   501 2201 150600       9660000 2202   160700     9695000
C115   501 2203 171800       9730000 2204   182900     9765000
C116   501 2205 193000       9800000 2210   248100    10000000
C117   501 2215 258200      10200000 2220   268300    10400000
C118   501 2225 278400    1060000099999  9999999    99999999
CR01   525    1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02   525    3 1   3
CB01   580    1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02   580 6284  8 4  15 5 156   100 50016006    40081020
CB03   580  2009  9  3008      7005   35 32 33
CB04   580  3200010648810100  0
C3 1   580 910    0 1000  2 2000   84 3000  441 4000  795 5000  962
C3 2   580 6000  998 6910  9999999999999
CC01   600    1          DEVIL CANYON INFLOW
CL01   601    1          DEVIL CANYON OUTFLOW
CL02   601         1464   1445
C110   601 1445 170000       932500 1446   177000     939000
C111   601 1447 184000       945500 1448   191000     952000
C112   601 1449 198000       958500 14500  205000     965000
C113   601 1451 212000       971500 1452   219000     978000
C114   601 1453 226000       984500 1454   233000     991000
C115   601 1455 240000       997500 1458   261000    1025000
C116   601 1461 282000      1043750 1464   303000    1062500
C117   601 1467 324000      1081250 9999  9999999    9999999
CR01   625    1            600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02   625    1 1   5
CB01   680    1          PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02   680 3454  8 4  15 5 156   100 50016006    40081020
CB03   680  2009  9  3008      7005   35 32 33
CB04   680  3200008848810100  0
C5 1   680 677    0 1000 32 2000  261 3000  510 4000  809 5000  971
C3 2   680 6000  998 6018  9999999999999
CC01   700    1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P   10   30
P   20   30
P   30   55
P   55  100
P   80  100
P  100  125
P  125  300
P  180  300
P  210  230
P  220  230
P  230  255
P  255  300
P  280  300
P  300  325
```

FORM 1413-3

PRINTED IN U.S.A.

```
P   330     335
P   335     350
P   340     350
P   350     375
P   375     400
P   380     400
P   480     500
P   400     500
P   500     501
P   501     600
P   580     600
P   600     601
P   601     625
P   680     700
P   625     700
P   700
I   14 020572206 14 270672
2B00     10 14 020572      6    30  100   99
2B02     10 14 020572     10    10   10   10  10
2B03     10 14 020572     10    10   10   10  10
2B04     10 14 020572    220   220  220  220 220
2B00     20 14 020572      6    03  100   36
2B02     20 14 020572     10    10   10   10  10
2B03     20 14 020572     20    20   20   20  20
2B04     20 14 020572    170   170  170  170 170  170  170  170
2B00     80 14 020572      6    03  100   15
2B02     80 14 020572      5     5    5    5   5
2B03     80 14 020572      7     7    7    7   7
2B04     80 14 020572     50    50   50   50  50
2B00    180 14 020572      6    03  100   14
2B02    180 14 020572      7     7    7    7   7
2B03    180 14 020572      7     7    7    7   7
2B04    180 14 020572     80    80   80   80  80 80
2B00    210 14 020572      6    30  100   99
2B02    210 14 020572      5     5    5    5   5
2B03    210 14 020572      5     5    5    5   5
2B04    210 14 020572     90    90   90   90  90
2B00    220 14 020572      6    03  100   27
2B02    220 14 020572      5     5    5    5   5
2B03    220 14 020572     10    10   10   10  10
2B04    220 14 020572     65    65   65   65  65 65   65   65
2B00    280 14 020572      6    03  100   13
2B02    280 14 020572      5     5    5    5   5
2B03    280 14 020572      6     6    6    6   6
2B04    280 14 020572     50    50   50   50  50 50
2B00    330 14 020572     20    03  100   10
2B02    330 14 020572     15    15   15   15  15
2B03    330 14 020572      2     2    2    2   2
2B04    330 14 020572      2     2    2    2   2
2B00    340 14 020572      7   300  100   12
2B02    340 14 020572      8     8    8    8   8
2B03    340 14 020572     10    10   10   10  10 10   10   10
2B04    340 14 020572    180   180  180  180 180  180  180  180
2B00    380 14 020572      7    03  100   26
2B02    380 14 020572      6     6    6    6   6
2B03    380 14 020572     10    10   10   10  10
2B04    380 14 020572    130   130  130  130 130
2B00    480 14 020572      9    03  100  255
2B02    480 14 020572     30    30   30   30  30
2B03    480 14 020572     32    32   32   32  32
2B04    480 14 020572    870   870  870  870 870
2L01    501 14 020572   2000 2200 9625000
2B00    580 14 020572      9    03  100   21
2B02    580 14 020572     20    20   20   20  20
2B03    580 14 020572     21    21   21   21  21
```

FORM 1411-S
PRINTED IN U.S.A.

```
2L01    601 14 020572     2000 1430  950000
2800    680 14 020572        9    03  100   215
2802    680 14 020572       10    10   10    10  10
2803    680 14 020572       17    17   17    17  17
2804    680 14 020572      280   280  280   280 280
4D   6  8810 14 0205724 34 34 34 34 28 28 28 28 30 30 30 30 32 32
4D   6  8810  2 0605724 32 32 34 34 34 34 31 31 31 31 27 27 27 27
4D   6  8810 14 0905724 26 26 26 26 28 28 28 28 34 34 34 34 36 36
4D   6  8810  2 1305724 36 36 36 36 36 36 32 32 32 32 31 31 31 31
4D   6  8810 14 1605724 30 30 30 30 30 30 30 30 39 39 39 39 36 36
4D   6  8810  2 2005724 36 36 38 38 38 38 36 36 36 36 32 32 32 32
4D   6  8810 14 2305724 35 35 35 35 35 35 35 35 37 37 37 37 33 33
4D   6  8810  2 2705724 33 33 37 37 37 37 41 41 41 41 37 37 37 37
4D   6  8810 14 3005724 33 33 33 33 31 37 35 35
4D   6  8810 14 0106724 35 35 38 38 38 38 35 35 35 35 38 38 38 38
4D   6  8810  2 0506724 42 42 42 42 47 47 47 47 52 52 52 52 57 57
4D   6  8810 14 0806724 57 57 58 58 58 58 57 57 57 57 54 54 54 54
4D   6  8810  2 1206724 52 52 52 52 51 51 51 51 49 49 49 49 50 50
4D   6  8810 14 1506724 50 50 48 48 48 48 51 51 51 51 55 55 55 55
4D   6  8810  2 1906724 59 59 59 59 65 65 65 65 71 71 71 71 73 73
4D   6  8810 14 2206724 73 73 72 72 72 72 66 66 66 66 63 63 63 63
4D   6  8810  2 2606724 62 62 62 62 61 61 61 61 61 61 61 61 60 60
4D   6  8810 14 2906724 60 60 59 59 59 59 51 51
4D   6  8810 14 0107724 51 51 51 51 53 53 53 53 56 56 56 56 60 60
4D   6  8810  2 0507724 60 60 62 62 62 62 65 65 65 65 63 63 63 63
4D   6  8810 14 0807724 61 61 61 61 59 59 59 59 62 62 62 62 63 63
4D   6  8810  2 1207724 63 63 61 61 61 61 58 58 58 58 55 55 55 55
4D   6  8810 14 1507724 54 54 54 54 51 51 51 51 52 52 52 52 48 48
4D   6  8810  2 1907724 48 48 50 50 50 50 53 53 53 53 52 52 52 52
4D   6  8810 14 2207724 55 55 55 55 56 56 56 56 55 55 55 55 53 53
4D   6  8810  2 2607724 53 53 55 55 55 55 56 56 56 56 54 54 54 54
4D   6  8810 14 2907724 56 56 56 56 55 55 55 55 56 56 56 56
4D   6  8810 14 0108724 451 451 451 451 468 468 468 468 477 477 477 477 455 455
4D   6  8810  2 0508724 455 455 433 433 433 433 367 367 367 367 376 376 376 376
4D   6  8810 14 0808724 424 424 424 424 428 428 428 428 40 40 40 40 40 40
4D   6  8810  2 1208724 40 40 40 40 40 40 392 392 392 392 392 392 392 392
4D   6  8810 14 1508724 414 414 414 414 40 40 40 40 40 40 40 40 40 40
4D   6  8810  2 1908724 40 40 446 446 446 446 424 424 424 424 428 428 428 428
4D   6  8810 14 2208724 432 432 432 432 405 405 405 405 370 370 370 370 388 388
4D   6  8810  2 2608724 388 388 397 397 397 397 374 374 374 374 387 387 387 387
4D   6  8810 14 2908724 361 361 361 361 356 356 356 356 354 354 354 354
4D   6  2000 14 3005723  04  07  17  06  21  29  65  22  04  09  21  07
4D   6  2000  2 1406723  18  35  78  27  42  84 189  63  10  21  47  16
6S   501 14 0205722 22000014 31072 220000
6S   601 14 0205722 14500014 31072 1450
PQ   5001     5010      14 02057214 310772 06 0 400000
PHC 20003 100P         14 02057214 310772 06     10       0
PHC 88104 1001         14 02057214 310772 06     20     120
PEC   501F          14 02057214 310772 06   2165   2215
PQ   6001     6010      14 02057214 310772 06 0 400000
PHC 20003 100P         14 02057214 310772 06     10       0
PHC 88104 1001         14 02057214 310772 06     20     120
PEC   601F          14 02057214 310772 06   1415   1465
/*EOF.
EOF..
```

FORM 6411-3

PRINTED IN U.S.A.

```
JOB       010675    1    1 DEVILS CANYON SUMMER OPT ON SUSITNA RIVR
CP  1480     4620          GUKGL
CP  2000     3000          BASAV
CP  8811     2401          SUMMIT
CP  9139     2550          GRACIO
CP  9410     2408          TRIMS
CT01  1015   2  0 95       999      100     SMI GL
CT01  1018   2  0 10       2.5 20   5 40 SMI
CT02  1018  12 60 15 75      999 80
CT01  1020   2  0 10   2 20   5 40 SMI
CT02  1020  12 60 15 65     9999 85
CT01  1021   2  0  5 99  5     9999  5 SMI
CT01  1022   2  0       100 99       100     9999      100 SMILK
CT01  2009   2  0 60      0.1 50      0.2 45 BII
CT02  2009        0.3 37      0.4 32      0.5 29      0.6MCKENZ
CT03  2009  27     1.0 20      2.0 10     9999 10
CT01  2011   2  0 50      0.1 47      0.2 45 BII
CT02  2011        0.3 37      0.4 32      0.5 29      0.6
CT03  2011  27  1 20   2  8   3  4
CT04  2011   5  2      999  1
CT01  2012   2  0 70 .5 50   3 20 BII
CT02  2012   5 10 10      .05 99      .05
CT01  2017   2  0       100       1.0 95     9999 95 BIIGL
CT01  3003   2  0  0     .016    .0026     .033     .008 S-SS
CT02  3003        .05     .015     .067     .024     .083     .036     .100MCKENZ
CT03  3003        .05      2.0     1.20      999      999
CT01  3008   2  0  0      .01    .0005      .02    .0015 S-SS
CT02  3008        .03     .003      .04     .005      .05     .008      .06
CT03  3008       .012      .07     .017      .08     .023      .09      .03
CT04  3008        .10     .038      999      999
CT01  3009   2  0  0      .05     .001       0.5      .05  S/SS
CT02  3009       1.0       0.2     9999     9000       GLAC
CT01  4008   2  4     0.03  5     0.09  6     0.11   ETI
CT02  4008   7     0.35  8     0.35  9     0.20
CT01  4009   2  4     0.03  5     0.05  6     0.06   ETI
CT02  4009   7     0.07  8     0.08  9     0.06      GLAC
CT01  4010   2  4     0.03  5     0.09  6     0.20   ETI
CT02  4010   7     0.45  8     0.45  9     0.20
CT01  5001   2  0       100 .5 30   1 20   KE
CT02  5001         1.5 20      999 20
CT01  6004   2  0       100      100      100     9999      100 SCDGL
CT01  6006   2  0       100   8 80 20 60   SCD
CT02  6006  36 40 59 20      100   0      999
CT03  6006   0
CT01  7005   2  0      0.32      100     0.32     9999     0.32 MELTR
CT01  7009   2  0      0.12      100     0.12     9999     0.12 MELTR
CT01  7010   2  0      0.10 20     0.15 40    0.24 METSUS
CT02  7010  50     0.50 80     0.40      100     0.45     9999
CT01  7011   2  0       .08      100      .08     9999      .08 MELTG
CB01    10     1          SUSITNA GLACIER
CB02    10  2214  6 4   12 4   24    100 50016004     40091015
CB03    10  2017 10  3009       7011    35 32 33
CB04    10  32000152014801003148011 5
C3 1    10  2800    0  3000 45 4000  177 5000  359 6000  611 7000  848
C3 2    10  8000  961 9000  99813832  999999999999
CB01    20     1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02    20  6944  8 4   20 5 156    100 50016006     40081018
CB03    20  2011 10  3008       7005    35 32 33
CB04    20  32006015248811100314801 0
C3 1    20  2440    0  3000  277 4000  532 5000  813 6000  928 7000  971
C3 2    20  8810  964 9000  99810000  99813832  999999999999
CC01    30     1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01    55     1          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02    55     2 2  11
```

FORM 1411-S

PRINTED IN U.S.A.

```
CB02    80  3124  3 4   8 5 156   100 50016006    40081018
CB03    80   2009  9  3008       7010   35 32 33
CB04    80   32000 644881110039139 90
C3 1    80  2370    0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2    80 9999999999
CC01   100     1          DENALI DAMSITE  1260 SQ MI
CR01   125     1          100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02   125    3 2  11
CB01   180     1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02   180  4774  3 4   8 5 156   100 50016006    40081018
CB03   180   2009  9  3008       7010   35 32 33
CB04   180   32000 644881110039139 90
C3 1   180  2350    0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2   180 9999999999
CB01   210     1          MACLAREN GLACIER
CB02   210   443  6 3  12 3  24   100 50016004    40061015
CB03   210   2017 10  3009       7009   9  35 32 33
CB04   210   32000 974148010031480100
C3 1   210  3150    0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2   210  8850  9999999999999
CB01   220     1          MACLAREN NON-GLACIER ABV USGS GAGE
CB02   220  2324  5 4  20 5 156 75 50016006    40081018
CB03   220   2012 10  3003       7005   35 32 33
CB04   220   32000 974881110031480100
C3 1   220  2866    0  3000 82 4000  505 5000  801 6000  949 7000  986
C3 2   220  8000  998 8850  9999999999999
CC01   230     1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01   255     1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02   255    6 2  10
CB01   280     1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02   280  3074  3 4   8 5 156   100 50016006    40081018
CB03   280   2009  9  3008       7010   35 32 33
CB04   280   32000 644881110039139 90
C3 1   280  2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01   300     1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01   325     1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02   325    5 2   9
CB01   330     1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02   330   483 15 1   0 1   0   100 50016006    40081022
CB03   330   2009  9  3008       7010   35 32 33
CB04   330   32000 644881110039139 90
C3 1   330  2361    0 2363  9999999999999
CR01   335     1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02   335    3 4 100
CB01   340     1          TYONE RIVER BASIN 1047 SQ MI
CB02   340 10478 10 8  48 8 200   100 50016006    40101021
CB03   340   2009  9  3008       7010   35 32 33
CB04   340   32000 644881110039139 90
C3 1   340  2100    0 3000  687 4000  952 5000  998 5275  9999999999999
CC01   350     1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01   375     1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02   375    1 2   9
CB01   380     1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02   380  7353  3 4   8 4  96   100 50016006    40081018
CB03   380   2009  9  3008       7010   35 32 33
CB04   380   320001114881110039139 90
C3 1   380  1910    0 2000  2 3000  156 4000  491 5000  784 6000  960
C3 2   380  7000  998 7770  9999999999999
CC01   400     1          SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
CR01   425     1          400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
CR02   425    4 1   3
CB01   480     1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02   480 10454  8 4  15 5 156   100 50016006    40081020
CB03   480   2009  9  3008       7005   35 32 33
CB04   480   320001394881110039139125
```

DATA FILE 5 - ACRES SENSITIVITY ANALYSIS
USING COE SUMMER PMF, RAINFALL AND
SNOW WATER EQUIVALENT CHANGED
(INITIAL CONDITIONS) INPUT

FORM 1411-3
PRINTED IN U.S.A.

```
C3 1    [illegible] 663 5000  911 6000  989
C3 2    486  7000  989 7200  9999999999999
CC01    500     1          WATANA INFLOW
CL01    501     1          WATANA OUTFLOW
CL02    501          2225   2165
C110    501  2165  34000        8450000 2170    44200    8600000
C111    501  2175  54400        8800000 2180    70800    8950000
C112    501  2185  87000        9100000 2190   103100    9275000
C113    501  2195 119300        9450000 2200   139400    9625000
C114    501  2201 150600        9660000 2202   160700    9695000
C115    501  2203 171800        9730000 2204   182900    9765000
C116    501  2205 193000        9800000 2210   248100   10000000
C117    501  2215 258200       10200000 2220   268300   10400000
C118    501  2225 276400       1060000099999  9999999   99999999
CR01    525     1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02    525     3 1    3
CB01    580     1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02    580  6284  8 4  15 5 156   100 50016006    40081020
CB03    580   2009  9  3008       7005   35 32 33
CB04    580   32000106488111003913912 5
C3 1    580 910    0 1000  2 2000   84 3000  441 4000  795 5000  962
C3 2    580  6000  998 6910  9999999999999
CC01    600     1          DEVIL CANYON INFLOW
CL01    601     1          DEVILS CANYON OUTFLOW
CL02    601          1464   1445
C110    601  1445 170000         932500 1446   177000     939000
C111    601  1447 184000         945500 1448   191000     952000
C112    601  1449 198000         958500 14500  205000     965000
C113    601  1451 212000         971500 1452   219000     978000
C114    601  1453 226000         984500 1454   233000     991000
C115    601  1455 240000         997500 1458   261000    1025000
C116    601  1461 282000        1043750 1464   303000    1062500
C117    601  1467 324000        1081250 9999  9999999    9999999
CR01    625     1          600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02    625     1 1    3
CB01    680     1          PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02    680  3454  8 4  15 5 156   100 50016006    40081020
CB03    680   2009  9  3008       7005   35 32 33
CB04    680   32000088488111003913912 5
C3 1    680 677    0 1000 32 2000  261 3000  510 4000  809 5000  971
C3 2    680  6000  998 6018  9999999999999
CC01    700     1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P     10      30
P     20      30
P     30      55
P     55     100
P     80     100
P    100     125
P    125     300
P    180     300
P    210     230
P    220     230
P    230     255
P    255     300
P    280     300
P    300     325
P    325     350
P    330     335
P    335     350
P    340     350
P    350     375
P    375     400
P    380     400
P    400     500
P    480     500
P    500     501
```

FORM 1411-3
PRINTED IN U.S.A.

```
P   580     600
P   600     601
P   601     625
P   680     700
P   625     700
P   700
I   14 060571124 14 010771 6 14 310871
2B00     60 14 060571      4    03  100 1       0 99
2B02     10 14 060571     10     10   10  10  10
2B03     10 14 060571     30     30   30  30  30
2B04     10 14 060571     60     60   60  60  60
2B00     20 14 060571      2    03  100 01      0 36
2B02     20 14 060571     10     10   10  10  10
2B03     20 14 060571     50     50   50  50  50
2B04     20 14 060571     60     60   60  60  60 60      60      60
2B00     80 14 060571      2    03  100   15
2B02     80 14 060571      5      5    5   5   5
2B03     80 14 060571     10     10   10  10  10
2B04     80 14 060571     70     70   70  70  70
2B00    180 14 060571      2    03  100   14
2B02    180 14 060571      7      7    7   7   7
2B03    180 14 060571     10     10   10  10  10
2B04    180 14 060571    108    108  108 108 108    108
2B00    210 14 060571      4    03  100 1       0 99
2B02    210 14 060571     10     10   10  10  10
2B03    210 14 060571     10     10   10  10  10
2B04    210 14 060571     10     10   10  10  10
2B00    220 14 060571      2    03  100 01      0 27
2B02    220 14 060571     10     10   10  10  10
2B03    220 14 060571     10     10   10  10  10
2B04    220 14 060571     60     60   60  60  60 60      60      60
2B00    280 14 060571      2    03  100   13
2B02    280 14 060571      4      4    4   4   4
2B03    280 14 060571     10     10   10  10  10
2B04    280 14 060571     70     70   70  70  70 70
2B00    330 14 060571      2    03  100   10
2B02    330 14 060571     18     18   18  18  18
2B03    330 14 060571      0      0    0   0   0
2B04    330 14 060571      0      0    0   0   0
2B00    340 14 060571      2    03  100   12
2B02    340 14 060571     18     18   18  18  18
2B03    340 14 060571     20     20   20  20  20 20      20      20
2B04    340 14 060571    120    120  120 120 120 120    120     120     120
2B00    380 14 060571      2    03  100   26
2B02    380 14 060571      8      8    8   8   8
2B03    380 14 060571     20     20   20  20  20
2B04    380 14 060571    130    130  130 130 130
2B00    480 14 060571      2    03  100   255
2B02    480 14 060571     16     16   16  16  16
2B03    480 14 060571     30     30   30  30  30
2B04    480 14 060571    420    420  420 420 420
2L01    501 14 060571   2000 2200 9625000
2B00    580 14 060571      2    03  100   21
2B02    580 14 060571      5      5    5   5   5
2B03    580 14 060571     15     15   15  15  15
2B04    580 14 060571    260    260  260 260 260
2L01    601 14 060571   2000 1450  950000
2B00    680 14 060571      2    03  100   215
2B02    680 14 060571      4      4    4   4   4
2B03    680 14 060571     10     10   10  10  10
2B04    680 14 060571    140    140  140 140 140
4D  1480 14 0605713  47  55  04  08  04  04  04  20  24  08      12
4D  1480 14 2005713  04  04      08  08  04  20  20  04  16  12
4D  1480 14 0306713      20  35
4D  1480 14 1706713      08  04  08      43  87
```

FORM 1411-3
PRINTED IN U.S.A.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4D | 6 | 1480 | 14 | 0107713 | 05 | 05 | 05 | 05 | | 03 | 03 | 03 | 03 | | | | | | |
| 4D | 6 | 1480 | 8 | 0407713 | | | 01 | 01 | 01 | 01 | | | | | | | | | |
| 4D | 6 | 1480 | 14 | 0807713 | | | | 01 | 01 | | | | | | | | | | |
| 4D | 6 | 1480 | 8 | 1107713 | 01 | 01 | 01 | 01 | 01 | 01 | 40 | 40 | 40 | 19 | 19 | 19 | 18 | 18 | |
| 4D | 6 | 1480 | 14 | 1507713 | 02 | 02 | 02 | 02 | 23 | 23 | 22 | 22 | 01 | 01 | 01 | 01 | | | |
| 4D | 6 | 1480 | 8 | 1807713 | | 09 | 09 | 09 | 08 | 03 | 03 | 03 | 03 | | | | | | |
| 4D | 6 | 1480 | 14 | 2207713 | | 01 | 01 | 01 | 01 | 24 | 24 | 23 | 23 | 43 | 43 | | | | |
| 4D | 6 | 1480 | 8 | 2507713 | 42 | 42 | 01 | 01 | 01 | 01 | 12 | 12 | 12 | 11 | 04 | 04 | 04 | 04 | |
| 4D | 6 | 1480 | 14 | 2907713 | 05 | 05 | 05 | 05 | | 15 | 15 | 15 | 15 | | | | | | |
| 4D | 6 | 1480 | 14 | 0108713 | 50 | 49 | 49 | 49 | 14 | 14 | 14 | 15 | 03 | 03 | 03 | 03 | | | |
| 4D | 6 | 1480 | 8 | 0408713 | | 02 | 02 | 02 | 02 | 19 | 19 | 19 | 18 | 20 | 21 | 21 | 21 | | |
| 4D | 6 | 1480 | 14 | 0808713 | | | | | | | | | | | | | | | |
| 4D | 6 | 1480 | 8 | 1108713 | | | | | | | | | | | | | | | |
| 4D | 6 | 1480 | 14 | 1508713 | | | | | | | | | | | | | | | |
| 4D | 6 | 1480 | 8 | 1808713 | | 01 | 01 | 01 | 01 | 03 | 03 | 03 | 03 | | | | | | |
| 4D | 6 | 1480 | 14 | 2208713 | 06 | 06 | 06 | 06 | | 03 | 03 | 03 | 03 | 01 | 01 | | | | |
| 4D | 6 | 1480 | 8 | 2508713 | 01 | 01 | 14 | 15 | 15 | 15 | | | | | | | | | |
| 4D | 6 | 1480 | 14 | 2908713 | | | | | | | | | | | | | | | |
| 4D | 1480 | 14 | 0109713 | 24 | 59 | 71 | 31 | 39 | | 04 | 04 | 47 | 08 | | 04 | 51 | | | |
| 4D | 1480 | 14 | 1509713 | | 08 | | 08 | 51 | 24 | 102 | 08 | 04 | | 04 | 08 | | | | |
| 4D | 1480 | 14 | 2909713 | 08 | 47 | | | | | | | | | | | | | | |
| 4D | 1480 | 14 | 0605714 | 295 | 255 | 255 | 255 | 280 | 320 | 345 | 277 | 270 | 277 | 306 | 295 | 367 | 338 | | |
| 4D | 1480 | 14 | 2005714 | 320 | 295 | 313 | 338 | 392 | 392 | 345 | 338 | 360 | 284 | 295 | 331 | 291 | 270 | | |
| 4D | 1480 | 14 | 0306714 | 338 | 403 | 489 | 511 | 457 | 432 | 489 | 478 | 428 | 385 | 360 | 374 | 410 | 457 | | |
| 4D | 1480 | 14 | 1706714 | 428 | 420 | 468 | 504 | 471 | 453 | 579 | 554 | 536 | 507 | 500 | 482 | 370 | 367 | | |
| 4D | 6 | 1480 | 14 | 0107714 | 43 | 43 | 43 | 43 | 42 | 42 | 42 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | |
| 4D | 6 | 1480 | 8 | 0407714 | 50 | 49 | 48 | 47 | 47 | 46 | 44 | 45 | 45 | 46 | 58 | 58 | 58 | 58 | |
| 4D | 6 | 1480 | 14 | 0807714 | 57 | 56 | 55 | 54 | 54 | 53 | 53 | 52 | 51 | 51 | 51 | 50 | 51 | 50 | |
| 4D | 6 | 1480 | 8 | 1107714 | 50 | 49 | 48 | 48 | 48 | 48 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | |
| 4D | 6 | 1480 | 14 | 1507714 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 43 | 43 | 43 | 43 | 48 | 48 | |
| 4D | 6 | 1480 | 8 | 1807714 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 47 | 41 | 41 | 41 | 41 | |
| 4D | 6 | 1480 | 14 | 2207714 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 39 | 39 | 39 | 39 | 44 | 44 | |
| 4D | 6 | 1480 | 8 | 2507714 | 44 | 44 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 47 | 45 | 45 | 45 | 45 | |
| 4D | 6 | 1480 | 14 | 2907714 | 40 | 40 | 40 | 40 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | | | |
| 4D | 6 | 1480 | 14 | 0108714 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 44 | 40 | 40 | 40 | 40 | 43 | 43 | |
| 4D | 6 | 1480 | 8 | 0408714 | 43 | 43 | 42 | 42 | 42 | 42 | 39 | 39 | 39 | 39 | 41 | 41 | 41 | 41 | |
| 4D | 6 | 1480 | 14 | 0808714 | 42 | 42 | 42 | 42 | 45 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 44 | 44 | |
| 4D | 6 | 1480 | 8 | 1108714 | 44 | 44 | 45 | 45 | 45 | 45 | 40 | 40 | 40 | 40 | 38 | 38 | 38 | 38 | |
| 4D | 6 | 1480 | 14 | 1508714 | 39 | 39 | 39 | 39 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 45 | 45 | |
| 4D | 6 | 1480 | 8 | 1808714 | 45 | 45 | 43 | 43 | 43 | 43 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | |
| 4D | 6 | 1480 | 14 | 2208714 | 40 | 40 | 40 | 40 | 42 | 42 | 42 | 42 | 39 | 39 | 39 | 39 | 39 | 39 | |
| 4D | 6 | 1480 | 8 | 2508714 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 41 | 41 | 41 | 41 | |
| 4D | 1480 | 14 | 0109714 | 432 | 381 | 345 | 356 | 356 | 345 | 338 | 334 | 342 | 338 | 360 | 342 | 338 | 327 | | |
| 4D | 1480 | 14 | 1509714 | 349 | 360 | 345 | 309 | 331 | 349 | 331 | 327 | 309 | 298 | 309 | 248 | 219 | 223 | | |
| 4D | 1480 | 14 | 2909714 | 293 | 288 | | | | | | | | | | | | | | |
| 4D | 8811 | 14 | 0205714 | 340 | 280 | 300 | 320 | 340 | 310 | 270 | 260 | 280 | 340 | 360 | 360 | 320 | 310 | | |
| 4D | 8811 | 14 | 1605714 | 300 | 300 | 390 | 360 | 380 | 360 | 320 | 350 | 350 | 370 | 330 | 370 | 410 | 370 | | |
| 4D | 8811 | 14 | 3005714 | 330 | 390 | 380 | 340 | 380 | 440 | 520 | 470 | 480 | 480 | 510 | 510 | 490 | 410 | | |
| 4D | 8811 | 14 | 1306714 | 420 | 410 | 420 | 430 | 450 | 470 | 510 | 470 | 560 | 550 | 620 | 620 | 640 | 590 | | |
| 4D | 8811 | 14 | 2706714 | 590 | 510 | 430 | 420 | | | | | | | | | | | | |
| 4D | 6 | 8811 | 14 | 0107714 | 45 | 45 | 45 | 45 | 48 | 48 | 48 | 48 | 50 | 50 | 50 | 50 | 53 | 53 | |
| 4D | 6 | 8811 | 8 | 0407714 | 53 | 53 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 58 | 58 | 58 | 58 | |
| 4D | 6 | 8811 | 14 | 0807714 | 58 | 58 | 58 | 58 | 59 | 59 | 59 | 59 | 62 | 62 | 62 | 62 | 56 | 56 | |
| 4D | 6 | 8811 | 8 | 1107714 | 56 | 56 | 54 | 54 | 54 | 54 | 51 | 51 | 51 | 51 | 45 | 45 | 45 | 45 | |
| 4D | 6 | 8811 | 14 | 1507714 | 47 | 47 | 47 | 47 | 49 | 49 | 49 | 49 | 53 | 53 | 53 | 53 | 52 | 52 | |
| 4D | 6 | 8811 | 8 | 1807714 | 52 | 52 | 54 | 54 | 54 | 54 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 47 | |
| 4D | 6 | 8811 | 14 | 2207714 | 44 | 44 | 44 | 44 | 45 | 45 | 45 | 45 | 48 | 48 | 48 | 48 | 48 | 48 | |
| 4D | 6 | 8811 | 8 | 2507714 | 48 | 48 | 50 | 50 | 50 | 50 | 44 | 44 | 44 | 44 | 47 | 47 | 47 | 47 | |
| 4D | 6 | 8811 | 14 | 2907714 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 49 | 49 | 49 | 49 | | | |
| 4D | 6 | 8811 | 14 | 108714 | 51 | 51 | 51 | 51 | 52 | 52 | 52 | 52 | 49 | 49 | 49 | 49 | 49 | 49 | |
| 4D | 6 | 8811 | 8 | 408714 | 49 | 49 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | |
| 4D | 6 | 8811 | 14 | 808714 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 51 | 51 | 51 | 51 | 56 | 56 | |
| 4D | 6 | 8811 | 8 | 1108714 | 56 | 56 | 54 | 54 | 54 | 54 | 51 | 51 | 51 | 51 | 46 | 46 | 46 | 46 | |
| 4D | 6 | 8811 | 14 | 1508714 | 47 | 47 | 47 | 47 | 50 | 50 | 50 | 50 | 53 | 53 | 53 | 53 | 57 | 57 | |
| 4D | 6 | 8811 | 8 | 1808714 | 57 | 57 | 53 | 53 | 53 | 53 | 45 | 45 | 45 | 45 | 47 | 47 | 47 | 47 | |
| 4D | 6 | 8811 | 14 | 2208714 | 50 | 50 | 50 | 50 | 53 | 53 | 53 | 53 | 49 | 49 | 49 | 49 | 48 | 48 | |

FORM 1811-3

PRINTED IN U.S.A.

```
4D   6  8811 14 2908714 51  51  51  51  45  45  45  45  50  50  50  50
4D 8811 14 0109714 44  45  38  40  38  40  41  44  43  44  42  43  40  37
4D 8811 14 1509714 38  41  36  39  36  40  41  40  39  39  39  34  34  31
4D 8811 14 2909714 32  33
4D 9139 14 0605713      17      02
4D 9139 14 2005713  01   01
4D 9139 14 0306713
4D   6  9139  2 1206713       01   04  05  01       14  03  01  06  07
4D   6  9139 14 1606713  06  06
4D   6  9139  2 2006713           15
4D   6  9139 14 2306713
4D   6  9139  2 2706713       02  25  46  07  08  06
4D   6  9139 14 3006713  11
4D   6  9139  2 0107713           02
4D   6  9139 14 0407713
4D   6  9139  2 0807713
4D   6  9139 14 1107713  02   01  03  07  04  05  01  02  04  04
4D   6  9139  2 1507713  02   02  14      03  04
4D   6  9139 14 1807713      19
4D   6  9139  2 2207713           02      03
4D   6  9139 14 2507713  02       04  30  02  05  10  15
4D   6  9139  2 2907713  05       01  03  08  10  05  02
4D   6  9139  2 0108713  16  35  10  02  02  03  01
4D   6  9139 14 0408713    11        19  40   21  15  03  02
4D   6  9139  2 0808713
4D   6  9139 14 1108713
4D   6  9139  2 1508713
4D   6  9139 14 1808713      71  37       15
4D   6  9139  2 2208713          19  09
4D   6  9139 14 2508713  28      10
4D   6  9139  2 2908713           06  08  03
4D   6  9139  2 0109713          40  37  11          25  14  07
4D   6  9139 14  409713  01  03  01  01       08     08  03  02  12
4D   6  9139  2  809713       02        09  03  06  01
4D   6  9139 14 1109713
4D   6  9139  2 1509713     09   02
4D   6  9139 14 1809713               10
4D   6  9139  2 2209713  32
4D   6  9139 14 2509713     04
4D   6  2000 14 1008713  10  20  48  16  40  82 186  62  12  26  60  20
4D   6  2000 14 1608713  50 100 224  76 120 240 540 180  30  60 154  46
6S   501 14 0605712 22000014 31082 220000
6S   601 14 0605712 14500014 31082 1450
PQ   5001      5010       14 06057114 310871   6 0 400000
PHC 20003  50P91393  50A       14 06057114 310871   6      10         0
PEC   501E           14 06057114 310871   6     2165    2215
PQ   6001      6010       14 06057114 310871   6 0 400000
PHC 20003  50P91393  50A       14 06057114 310871   6      10         0
PEC   601E           14 06057114 310871   6     1415    1465
EOF..
```

FORM 1411-S

PRINTED IN U.S.A.

```
JOB          080381   1          1      SUSITNA HEP AUG 8-17 '67 RECONST.
CP      1480      4620                                                  GUKGL
CP      2006      3000                                                  BASAV
CP      8811      2401                                                  SUMMIT
CP      9139      2550                                                  GRACIO
CP      9410      2408                                                  TRIMS
CT01    1015          2       0      95     999     100                 SMI GL
CT01    1018          2       0      10     2.5      20       5      40 SMI
CT02    1018         12      60      15      75     999      80
CT01    1020          2       0      20       2      30       5      60 SMI
CT02    1020          9     100      15     100    9999     100
CT01    1021          2       0       5      99       5    9999       5 SMI
CT01    2009          2       0      60     0.1      50     0.2      45 BII
CT02    2009        0.3      37     0.4      32     0.5      29    0.6MCKENZ
CT03    2009         27     1.0      20     2.0      10    9999      10
CT01    2010          2       0      75      .2      60     0.4      48 BII
CT02    2010        0.6      37     0.8      31     1.0      27    1.2WILLAM
CT03    2010         25    9999      25
CT01    2011          2       0      50     0.1      47     0.2      45 BII
CT02    2011        0.3      37     0.4      32     0.5      29     0.6
CT03    2011         27       1      20       2       8       3       4
CT04    2011          5       2     999       1
CT01    2012          2       0      70      .5      50       3      20 BII
CT02    2012          5      10      10     .05      99     .05
CT01    2017          2       0     100     1.0      95    9999      95 BIIGL
CT01    3001          2       0       0     .02    .009     .03    .013 S/SS
CT02    3001        .05    .021     .06    .025    .075    .034     .10
CT03    3001        .05    9999   99999
CT01    3003          2       0       0    .016   .0026    .033    .008 S-SS
CT02    3003        .05    .015    .067    .024    .083    .036    .100MCKENZ
CT03    3003        .05     2.0    1.20     999     999
CT01    3008          2       0       0     .01   .0005     .02   .0015 S-SS
CT02    3008        .03    .003     .04    .005     .05    .008     .06
CT03    3008       .012     .07    .017     .08    .023     .09     .03
CT04    3008        .10    .038     999     999
CT01    3009          2       0       0     .05    .001     0.5     .05  S/SS
CT02    3009        1.0     0.2    9999    9000                          GLAC
CT01    4008          2       4    0.03       5    0.09       6    0.09   ETI
CT02    4008          7    0.10       8    0.10       9    0.10
CT01    4009          2       4    0.03       5    0.05       6    0.06   ETI
CT02    4009          7    0.07       8    0.08       9    0.06          GLAC
CT01    4010          2       4    0.03       5    0.09       6    0.15   ETI
CT02    4010          7    0.15       8    0.15       9    0.15
CT01    5001          2       0     100      .5      30       1      20   KE
CT02    5001        1.5      20     999      20
CT01    6004          2       0     100     100     100    9999     100 SCDGL
CT01    6006          2       0     100       8      80      20      60  SCD
CT02    6006         36      40      59      20     100       0     999
CT03    6006          0
CT01    7005          2       0    0.32     100    0.32    9999    0.32 MELTR
CT01    7009          2       0    0.12     100    0.12    9999    0.12 MELTR
CT01    7010          2       0    0.10      20    0.15      40   0.24 METSUS
CT02    7010         50    0.30      80    0.40     100    0.45    9999
CT01    7011          2       0     .08     100     .08    9999     .08 MELTG
CB01      10       1          SUSITNA GLACIER
CB02      10    2214  6 4  12 4  24   100 50016004    40091015
CB03      10     2017 10  3099                    7011          35 32 33
CB04      10     320002004913911039139200
C3 1      10  2800   0  3000   45 4000  177 5000  359 6000  611 7000  848
C3 2      10  8000  961 9000  99813832  9999999999999
CB01      20       1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02      20    6944  8 4  20 5 156   100 5001       40081018
CB03      20     2011 10  3008                    7005          35 32 33
CB04      20     320002004913910039139200
```

DATA FILE 6 - ACRES RECONSTITUTION
OF 1967 FLOOD,
SSARR MODEL INPUT

FORM 1411-3
PRINTED IN U.S.A.

```
C3 2     20  8000  984 9000  98910000  99813832  999999999999
CC01     30     1            SUSITNA RIVER NEAR DENALI CALCULATED
CR01     55     1            30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02     55           2 2    11
CB01     80     1            LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02     80   3124  3 4   8 4 156   100 5001        40081018
CB03     80   2009  9  3008                                  35 32 33
CB04     80   32000162491391003913915O
C3 1     80 2370    0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2     80 9999999999
CC01    100     1            DENALI DAMSITE  1260 SQ MI
CR01    125     1            100-500 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02    125           3 2    11
CB01    180     1            SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02    180   4774  3 4   8 5 156   100 5001        40081018
CB03    180   2009  9  3008                                  35 32 33
CB04    180   32000 98491391003913915O
C3 1    180 2350    0 3000  358 4000  820 5000  964 6000  965 6200  999
C3 2    180 9999999999
CB01    210     1            MACLAREN GLACIER
CB02    210   443  6 3  12 3  24   100 50016004    40091015
CB03    210   2017 10  3009                    7009  9       35 32 33
CB04    210   32000160491391103913930O
C3 1    210 5150    0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2    210 8850  999999999999
CB01    220     1            MACLAREN NON-GLACIER ABV USGS GAGE
CB02    220   2324  5 4  20 5 156    75 5001        40081020
CB03    220   2012 10  3003                                  35 32 33
CB04    220   32000160491391003913930O
C3 1    220 2866    0  3000   82 4000  505 5000  801 6000  949 7000  986
C3 2    220 8000  998 8850  9999999999999
CC01    230     1            MACLAREN RIVER NEAR PAXSON CALCULATED
CR01    255     1            230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02    255           6 2    10
CB01    280     1            MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02    280   3074  3 4   8 5 156   100 5001        40081020
CB03    280   2009  9  3008                                  35 32 33
CB04    280   32000160491391003913915O
C3 1    280 2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01    300     1            CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01    325     1            300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02    325           5 2    9
CB01    330     1            LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02    330   483 15 1   0 1  0   100 5001        40081022
CB03    330   2009  9  3008                                  35 32 33
CB04    330   32000 98491391003913910O
C3 1    330 2361    0 2363  9999999999999
CR01    335     1            330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02    335           3 4    100
CB01    340     1            TYONE RIVER BASIN 1047 SQ MI
CB02    340  10478 10 8  48 8 200   100 5001        40101020
CB03    340   2009  9  3008                                  35 32 33
CB04    340   32000 98491391003913910O
C3 1    340 2100    0 3000  687 4000  952 5000  998 5275  9999999999999
CC01    350     1            COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01    375     1            350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02    375           1 2    9
CB01    380     1            OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02    380   7353  3 4   8 4  72   100 5001        40081020
CB03    380   2009  9  3008                                  35 32 33
CB04    380   32000 98491391003913920O
C3 1    380 1910    0 2000    2 3000  156 4000  491 5000  784 5000  960
C3 2    380 7000  998 7770  9999999999999
CC01    400     1            SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
CR01    425     1            400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
```

FORM 1611-3

PRINTED IN U.S.A.

```
CB01      480        1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02      480   10[illegible]  8 4  15 5 156   100 5001        40081020
CB03      480     [illegible]9  9  3008                                  35 32 33
CB04      480     320001404913910039139210
C3 1      480  1450    0 2000   30 3000  277 4000  683 5000  911 6000  989
C3 2      480  7000  989 7200  9999999999999
CC01      500        1          WATANA DAM SITE 5180 SQ MI
CR01      525        1          500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02      525              3 1     3
CB01      580        1          TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02      580     6284  8 4  15 5 156   [illegible]        40081020
CB03      580     2009  9  3008                                  35 32 33
CB04      580     320001464913910039[illegible]
C3 1      580   910    0 1000    2 2000   84 3000  441 4000  795 5000  962
C3 2      580  6000  998 6910  9999999999999
CC01      600        1          DEVIL CANYON DAM SITE 5810 SQ MI
CR01      625        1          600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02      625              1 1     3
CB01      680        1          PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02      680     3454  8 4  15 5 156   100 5001        40081020
CB03      680     2009  9  3008                                  35 32 33
CB04      680     320001284913910039139210
C3 1      680   677    0 1000   32 2000  261 3000  510 4000  809 5000  971
C3 2      680  6000  998 6018  9999999999999
CC01      700        1          SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P          10        30
P          20        30
P          30        55
P          55       100
P          80       100
P         100       125
P         125       300
P         180       300
P         210       230
P         220       230
P         230       255
P         255       300
P         280       300
P         300       325
P         325       350
P         330       335
P         335       350
P         340       350
P         350       375
P         375       400
P         380       400
P         400       425
P         425       500
P         480       500
P         500       525
P         525       600
P         580       600
P         600       625
P         680       700
P         625       700
P         700
T   14 01076724 14 310867
2B00       10 14 010[illegible]7      3   050   100                  99
2B02       10 14 010767      10    10    10    10    10
2B03       10 14 010767      33    33    33    33    33
2B04       10 14 010767    1803  1803  1803  1803  1803
2B00       20 14 010767      45   190
2B02       20 14 010767     531   531   531   531   531
2B03       20 14 010767    3106  3106  3106  3106  3106
2B04       20 14 010767    2253  2253  2253  2253  2253  2253  2253  2253
```

```
2B02      80 14 010767    370    370    370    370    370
2B03      80 14 010767    410    410    410    410    410
2B04      80 14 010767    529    529    529    529    529
2B00     180 14 010767     30    160
2B02     180 14 010767    348    348    348    348    348
2B03     180 14 010767    630    630    630    630    630
2B04     180 14 010767    756    756    756    756    756    756
2B00     210 14 010767      3    060    100                  99
2B02     210 14 010767     10     10     10     10     10
2B03     210 14 010767     10     10     10     10     10
2B04     210 14 010767    386    386    386    386    386
2B00     220 14 010767      6    130
2B02     220 14 010767    338    338    338    338    338
2B03     220 14 010767    709    709    709    709    709
2B04     220 14 010767   1107   1107   1107   1107   1107   1107   1107   1107
2B00     280 14 010767     35    070
2B02     280 14 010767    379    379    379    379    379
2B03     280 14 010767    298    298    298    298    298
2B04     280 14 010767    501    501    501    501    501    501
2B00     330 14 010767     35    010
2B02     330 14 010767    174    174    174    174    174
2B03     330 14 010767      0      0      0      0      0
2B04     330 14 010767      0      0      0      0      0
2B00     340 14 010767     30    013
2B02     340 14 010767     30     30     30     30     30     30     30     30
2B03     340 14 010767    872    872    872    872    872    872    872    872
2B04     340 14 010767   1473   1473   1473   1473   1473   1473   1473   1473
2B00     380 14 010767     30    160
2B02     380 14 010767    394    394    394    394    394
2B03     380 14 010767    735    735    735    735    735
2B04     380 14 010767    560    560    560    560    560
2B00     480 14 010767      3    160
2B02     480 14 010767    476    476    476    476    476
2B03     480 14 010767   1997   1997   1997   1997   1997
2B04     480 14 010767   2681   2681   2681   2681   2681
2B00     580 14 010767      3    200
2B02     580 14 010767    296    296    296    296    296
2B03     580 14 010767   1058   1058   1058   1058   1058
2B04     580 14 010767   1476   1476   1476   1476   1476
2B00     680 14 010767      3    190
2B02     680 14 010767    168    168    168    168    168
2B03     680 14 010767    563    563    563    563    563
2B04     680 14 010767    784    784    784    784    784
4D       91399   0607673  06  04  00          50  18  34
4D       9139    1507673      14          25  97  17  02
4D       91397   0108673 163          05      02  0
4D       91392   1908673  15  02
4D       9139    2508673  30  05          08  18
4D       9139    0107674 465 470 415 530 475 495 475 475 540 560 560 575 590 605
4D       9139    1507674 585 590 535 530 495 475 525 510 585 575 500 520 590 610
4D       9139    2907674 525 465 455 495 540 525 515 520 570 545 535 490 460 470
4D       9139    1208674 450 480 460 470 515 485 485 525 535 510 475 495 435 465
4D       9139    2608674 465 495 460 440 450 415
4D       20003   0808673  05  84 176
4D       20007   1108673 101 107 232  83  66  45  18
EOF..
```

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.07 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1967 | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.00 | 0.30 | 0 | 0.00 | 0.50 | 0 | 1803 | 33 | 10 | 1846 | 1400 | 1 |
| 2 | 1400 | 0.00 | 92 | 0.00 | 0.74 | 1 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.78 | 0.07 | 0.30 | 95 | 0.74 | 0.55 | 98 | 1863 | 42 | 5 | 1913 | 1400 | 2 |
| 3 | 1400 | 0.00 | 55 | 0.00 | 1.04 | 1 | 2800 | 100 | 5.2 | 77 | 0.42 | 0.32 | 0.07 | 0.27 | 95 | 0.31 | 0.50 | 97 | 2066 | 66 | 1 | 2135 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 2.29 | 2 | 2800 | 100 | 16.4 | 100 | 1.31 | 1.31 | 0.07 | 0.21 | 95 | 1.24 | 0.66 | 98 | 2426 | 81 | 2 | 2511 | 1400 | 4 |
| 5 | 1400 | 0.00 | 94 | 0.00 | 3.07 | 3 | 2800 | 100 | 10.4 | 99 | 0.83 | 0.82 | 0.07 | 0.21 | 95 | 0.78 | 0.68 | 97 | 2992 | 123 | 3 | 3120 | 1400 | 5 |
| 6 | 1400 | 0.12 | 98 | 0.11 | 4.02 | 4 | 2800 | 100 | 12.5 | 100 | 1.00 | 1.12 | 0.07 | 0.18 | 95 | 1.06 | 0.77 | 97 | 3715 | 154 | 3 | 3873 | 1400 | 6 |
| 7 | 1400 | 0.08 | 94 | 0.18 | 4.80 | 5 | 2800 | 100 | 10.4 | 99 | 0.83 | 0.90 | 0.07 | 0.18 | 95 | 0.85 | 0.78 | 96 | 4374 | 181 | 4 | 4559 | 1400 | 7 |
| 8 | 1400 | 0.00 | 94 | 0.18 | 5.58 | 6 | 2800 | 100 | 10.4 | 99 | 0.83 | 0.82 | 0.07 | 0.16 | 95 | 0.78 | 0.78 | 96 | 4801 | 189 | 3 | 4994 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.18 | 6.90 | 7 | 2800 | 100 | 17.5 | 100 | 1.40 | 1.40 | 0.07 | 0.13 | 95 | 1.33 | 0.90 | 96 | 5026 | 200 | 5 | 5233 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.18 | 8.40 | 8 | 2800 | 100 | 19.7 | 100 | 1.57 | 1.57 | 0.07 | 0.13 | 95 | 1.49 | 1.03 | 96 | 5324 | 260 | 7 | 5592 | 1400 | 10 |
| 11 | 1400 | 1.00 | 100 | 1.13 | 9.89 | 10 | 2800 | 100 | 19.7 | 100 | 1.57 | 2.57 | 0.07 | 0.14 | 95 | 2.44 | 1.33 | 95 | 6044 | 376 | 11 | 6432 | 1400 | 11 |
| 12 | 1400 | 0.36 | 100 | 1.47 | 11.51 | 12 | 2800 | 100 | 21.3 | 100 | 1.71 | 2.06 | 0.07 | 0.26 | 95 | 1.96 | 1.46 | 95 | 7303 | 533 | 12 | 7850 | 1400 | 12 |
| 13 | 1400 | 0.68 | 100 | 2.12 | 13.25 | 13 | 2800 | 100 | 23.0 | 100 | 1.84 | 2.51 | 0.07 | 0.32 | 95 | 2.39 | 1.66 | 95 | 8818 | 599 | 13 | 9432 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 2.12 | 15.12 | 15 | 2800 | 100 | 24.6 | 100 | 1.97 | 1.97 | 0.07 | 0.43 | 95 | 1.87 | 1.71 | 95 | 10138 | 628 | 12 | 10779 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.12 | 16.82 | 17 | 2800 | 100 | 22.4 | 100 | 1.79 | 1.79 | 0.07 | 0.46 | 95 | 1.70 | 1.71 | 95 | 10937 | 589 | 10 | 11538 | 1400 | 15 |
| 16 | 1400 | 0.28 | 100 | 2.38 | 18.57 | 19 | 2800 | 100 | 23.0 | 100 | 1.84 | 2.12 | 0.07 | 0.48 | 95 | 2.01 | 1.77 | 95 | 11147 | 546 | 11 | 11706 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.38 | 19.85 | 20 | 2800 | 100 | 16.9 | 100 | 1.35 | 1.35 | 0.07 | 0.54 | 95 | 1.28 | 1.67 | 95 | 10956 | 529 | 9 | 11495 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.38 | 21.10 | 21 | 2800 | 100 | 16.4 | 100 | 1.31 | 1.31 | 0.07 | 0.54 | 95 | 1.24 | 1.58 | 95 | 10460 | 456 | 7 | 10924 | 1400 | 18 |
| 19 | 1400 | 0.50 | 98 | 2.85 | 22.05 | 22 | 2800 | 100 | 12.5 | 100 | 1.00 | 1.49 | 0.07 | 0.54 | 95 | 1.41 | 1.54 | 95 | 9693 | 401 | 7 | 10103 | 1400 | 19 |
| 20 | 1400 | 1.94 | 94 | 4.57 | 22.83 | 23 | 2800 | 100 | 10.4 | 99 | 0.83 | 2.64 | 0.07 | 0.59 | 95 | 2.51 | 1.75 | 95 | 9076 | 440 | 11 | 9528 | 1400 | 20 |
| 21 | 1400 | 0.34 | 100 | 4.89 | 24.03 | 24 | 2800 | 100 | 15.8 | 100 | 1.27 | 1.60 | 0.07 | 0.71 | 95 | 1.52 | 1.70 | 95 | 9078 | 545 | 11 | 9636 | 1400 | 21 |
| 22 | 1400 | 0.04 | 100 | 4.93 | 25.10 | 25 | 2800 | 100 | 14.2 | 100 | 1.13 | 1.17 | 0.07 | 0.75 | 95 | 1.11 | 1.57 | 95 | 9397 | 507 | 7 | 9914 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 4.93 | 26.81 | 27 | 2800 | 100 | 22.4 | 100 | 1.79 | 1.79 | 0.07 | 0.74 | 95 | 1.70 | 1.60 | 95 | 9392 | 429 | 8 | 9830 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 4.93 | 28.42 | 29 | 2800 | 100 | 21.3 | 100 | 1.71 | 1.70 | 0.07 | 0.76 | 95 | 1.62 | 1.61 | 95 | 9106 | 441 | 9 | 9557 | 1400 | 24 |
| 25 | 1400 | 0.00 | 98 | 4.93 | 29.42 | 30 | 2800 | 100 | 13.1 | 100 | 1.05 | 1.04 | 0.07 | 0.78 | 95 | 0.99 | 1.47 | 95 | 8842 | 439 | 7 | 9290 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 4.93 | 30.58 | 31 | 2800 | 100 | 15.3 | 100 | 1.22 | 1.22 | 0.07 | 0.76 | 95 | 1.16 | 1.41 | 95 | 8485 | 374 | 6 | 8867 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 4.93 | 32.32 | 33 | 2800 | 100 | 23.0 | 100 | 1.84 | 1.84 | 0.07 | 0.75 | 95 | 1.74 | 1.48 | 95 | 8020 | 364 | 8 | 8394 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 4.93 | 34.23 | 35 | 2800 | 100 | 25.2 | 100 | 2.01 | 2.01 | 0.07 | 0.77 | 95 | 1.91 | 1.57 | 95 | 7853 | 438 | 10 | 8302 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 4.93 | 35.43 | 36 | 2800 | 100 | 15.8 | 100 | 1.27 | 1.26 | 0.07 | 0.80 | 95 | 1.20 | 1.49 | 95 | 8129 | 482 | 9 | 8622 | 1400 | 29 |
| 30 | 1400 | 0.00 | 90 | 4.93 | 36.13 | 36 | 2800 | 100 | 9.4 | 97 | 0.75 | 0.73 | 0.07 | 0.80 | 95 | 0.70 | 1.32 | 95 | 8329 | 409 | 5 | 8744 | 1400 | 30 |
| 31 | 1400 | 0.00 | 86 | 4.93 | 36.74 | 37 | 2800 | 100 | 8.4 | 96 | 0.67 | 0.64 | 0.07 | 0.76 | 95 | 0.61 | 1.17 | 95 | 7894 | 291 | 3 | 8190 | 1400 | 31 |

DATA FILE 7 - ACRES RECONSTITUTION
OF 1967 FLOOD,
SSARR MODEL OUTPUT

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.08 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | HEP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 5.26 | 98 | 7.96 | 37.69 | 38 | 2800 | 100 | 12.5 | 100 | 1.00 | 4.19 | 0.07 | 0.72 | 95 | 3.98 | 1.77 | 95 | 7349 | 345 | 14 | 7709 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 7.96 | 39.02 | 39 | 2800 | 100 | 17.5 | 100 | 1.40 | 1.40 | 0.08 | 0.92 | 95 | 1.33 | 1.68 | 95 | 7870 | 631 | 14 | 8516 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 7.96 | 40.22 | 41 | 2800 | 100 | 15.8 | 100 | 1.27 | 1.26 | 0.08 | 0.91 | 95 | 1.20 | 1.57 | 95 | 9131 | 586 | 7 | 9726 | 1400 | 3 |
| 4 | 1400 | 0.10 | 100 | 8.05 | 41.34 | 42 | 2800 | 100 | 14.7 | 100 | 1.18 | 1.28 | 0.08 | 0.89 | 95 | 1.21 | 1.50 | 95 | 9700 | 442 | 7 | 10150 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 8.05 | 42.49 | 43 | 2800 | 100 | 15.3 | 100 | 1.22 | 1.22 | 0.08 | 0.89 | 95 | 1.16 | 1.42 | 95 | 9277 | 374 | 7 | 9659 | 1400 | 5 |
| 6 | 1400 | 0.04 | 100 | 8.09 | 44.07 | 45 | 2800 | 100 | 20.8 | 100 | 1.66 | 1.70 | 0.08 | 0.87 | 95 | 1.61 | 1.47 | 95 | 8542 | 367 | 8 | 8918 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 8.09 | 45.44 | 46 | 2800 | 100 | 18.0 | 100 | 1.44 | 1.44 | 0.08 | 0.88 | 95 | 1.37 | 1.44 | 95 | 8049 | 405 | 8 | 8463 | 1400 | 7 |
| 8 | 1400 | 0.05 | 100 | 8.14 | 46.72 | 47 | 2800 | 100 | 16.9 | 100 | 1.35 | 1.40 | 0.08 | 0.87 | 95 | 1.33 | 1.42 | 95 | 7886 | 416 | 8 | 8305 | 1400 | 8 |
| 9 | 1400 | 0.84 | 97 | 8.91 | 47.63 | 48 | 2800 | 100 | 12.0 | 100 | 0.96 | 1.77 | 0.08 | 0.87 | 95 | 1.68 | 1.48 | 95 | 7889 | 411 | 9 | 8310 | 1400 | 9 |
| 10 | 1400 | 1.76 | 88 | 10.39 | 48.29 | 49 | 2800 | 100 | 8.9 | 97 | 0.71 | 2.24 | 0.08 | 0.94 | 95 | 2.12 | 1.62 | 95 | 8096 | 464 | 11 | 8572 | 1400 | 10 |
| 11 | 1400 | 1.01 | 92 | 11.27 | 49.02 | 50 | 2800 | 100 | 9.9 | 98 | 0.79 | 1.70 | 0.08 | 1.03 | 95 | 1.62 | 1.62 | 95 | 8607 | 528 | 10 | 9147 | 1400 | 11 |
| 12 | 1400 | 1.07 | 83 | 12.11 | 49.59 | 50 | 2800 | 100 | 7.9 | 94 | 0.63 | 1.49 | 0.08 | 1.10 | 95 | 1.42 | 1.57 | 95 | 9147 | 506 | 9 | 9664 | 1400 | 12 |
| 13 | 1400 | 2.32 | 95 | 14.22 | 50.42 | 51 | 2800 | 100 | 10.9 | 99 | 0.87 | 3.08 | 0.08 | 1.16 | 95 | 2.93 | 1.86 | 95 | 9533 | 512 | 13 | 10059 | 1400 | 13 |
| 14 | 1400 | 0.83 | 88 | 14.91 | 51.07 | 52 | 2800 | 100 | 8.9 | 97 | 0.71 | 1.42 | 0.08 | 1.30 | 95 | 1.35 | 1.75 | 95 | 10018 | 609 | 12 | 10640 | 1400 | 14 |
| 15 | 1400 | 0.66 | 92 | 15.49 | 51.81 | 52 | 2800 | 100 | 9.9 | 98 | 0.79 | 1.38 | 0.08 | 1.35 | 95 | 1.31 | 1.66 | 95 | 10419 | 535 | 8 | 10963 | 1400 | 15 |
| 16 | 1400 | 0.45 | 100 | 15.91 | 52.92 | 53 | 2800 | 100 | 14.7 | 100 | 1.18 | 1.63 | 0.08 | 1.40 | 95 | 1.54 | 1.63 | 95 | 10248 | 446 | 8 | 10703 | 1400 | 16 |
| 17 | 1400 | 0.18 | 97 | 16.08 | 53.79 | 54 | 2800 | 100 | 11.4 | 100 | 0.91 | 1.09 | 0.08 | 1.45 | 95 | 1.03 | 1.51 | 95 | 9610 | 414 | 7 | 10033 | 1400 | 17 |
| 18 | 1400 | 0.00 | 97 | 16.08 | 54.66 | 55 | 2800 | 100 | 11.4 | 100 | 0.91 | 0.91 | 0.08 | 1.44 | 95 | 0.87 | 1.37 | 95 | 8783 | 353 | 5 | 9143 | 1400 | 18 |
| 19 | 1400 | 0.30 | 100 | 16.36 | 55.86 | 56 | 2800 | 100 | 15.8 | 100 | 1.27 | 1.56 | 0.08 | 1.41 | 95 | 1.49 | 1.39 | 95 | 7910 | 317 | 7 | 8234 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 16.40 | 57.14 | 58 | 2800 | 100 | 16.9 | 100 | 1.35 | 1.39 | 0.08 | 1.44 | 95 | 1.32 | 1.38 | 95 | 7300 | 358 | 8 | 7667 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 16.40 | 58.22 | 59 | 2800 | 100 | 14.2 | 100 | 1.13 | 1.13 | 0.08 | 1.43 | 95 | 1.08 | 1.31 | 95 | 7088 | 373 | 7 | 7469 | 1400 | 21 |
| 22 | 1400 | 0.00 | 94 | 16.40 | 59.00 | 60 | 2800 | 100 | 10.4 | 99 | 0.83 | 0.82 | 0.08 | 1.41 | 95 | 0.78 | 1.20 | 95 | 6966 | 334 | 5 | 7307 | 1400 | 22 |
| 23 | 1400 | 0.00 | 98 | 16.40 | 59.95 | 61 | 2800 | 100 | 12.5 | 100 | 1.00 | 1.00 | 0.08 | 1.37 | 95 | 0.95 | 1.15 | 95 | 6639 | 282 | 5 | 6928 | 1400 | 23 |
| 24 | 1400 | 0.00 | 72 | 16.40 | 60.40 | 61 | 2800 | 100 | 6.7 | 89 | 0.53 | 0.47 | 0.08 | 1.34 | 95 | 0.45 | 1.00 | 95 | 6105 | 250 | 4 | 6360 | 1400 | 24 |
| 25 | 1400 | 0.60 | 90 | 16.91 | 61.10 | 62 | 2800 | 100 | 9.4 | 97 | 0.75 | 1.27 | 0.08 | 1.28 | 95 | 1.21 | 1.04 | 95 | 5520 | 220 | 5 | 5747 | 1400 | 25 |
| 26 | 1400 | 0.10 | 90 | 17.00 | 61.79 | 62 | 2800 | 100 | 9.4 | 97 | 0.75 | 0.82 | 0.08 | 1.33 | 95 | 0.78 | 0.99 | 95 | 5122 | 256 | 5 | 5384 | 1400 | 26 |
| 27 | 1400 | 0.00 | 98 | 17.00 | 62.74 | 63 | 2800 | 100 | 12.5 | 100 | 1.00 | 1.00 | 0.08 | 1.30 | 95 | 0.95 | 0.98 | 95 | 4998 | 261 | 5 | 5265 | 1400 | 27 |
| 28 | 1400 | 0.00 | 88 | 17.00 | 63.39 | 64 | 2800 | 100 | 8.9 | 97 | 0.71 | 0.69 | 0.08 | 1.27 | 95 | 0.65 | 0.91 | 95 | 4975 | 252 | 4 | 5232 | 1400 | 28 |
| 29 | 1400 | 0.16 | 76 | 17.11 | 63.88 | 65 | 2800 | 100 | 7.1 | 91 | 0.57 | 0.63 | 0.08 | 1.22 | 95 | 0.60 | 0.84 | 95 | 4856 | 217 | 3 | 5078 | 1400 | 29 |
| 30 | 1400 | 0.36 | 83 | 17.40 | 64.45 | 65 | 2800 | 100 | 7.9 | 94 | 0.63 | 0.90 | 0.08 | 1.19 | 95 | 0.85 | 0.85 | 96 | 4615 | 184 | 3 | 4809 | 1400 | 30 |
| 31 | 1400 | 0.00 | 55 | 17.40 | 64.76 | 65 | 2800 | 100 | 5.2 | 77 | 0.42 | 0.32 | 0.08 | 1.20 | 95 | 0.31 | 0.73 | 96 | 4339 | 176 | 2 | 4519 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1815-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | ARA | RN-AR | ML-AR | XAR | ELEV | SCA | D-DY | XMA | MELT | MI | ETI | SMI | ROP | RGP | UII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.08 | 4.50 | 0 | 0.00 | 1.90 | 0 | 2253 | 3106 | 531 | 5890 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.50 | 36 | 0.00 | 1.49 | 9 | 2252 | 2983 | 367 | 5603 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.40 | 35 | 0.00 | 1.17 | 14 | 2252 | 2491 | 69 | 4814 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.30 | 34 | 0.00 | 0.92 | 18 | 2252 | 1677 | 5 | 3936 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.20 | 34 | 0.00 | 0.72 | 21 | 2251 | 917 | 0 | 3170 | 1400 | 5 |
| 6 | 1400 | 0.12 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 4.10 | 33 | 0.04 | 0.58 | 25 | 2250 | 453 | 8 | 2712 | 1400 | 6 |
| 7 | 1400 | 0.08 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 4.10 | 33 | 0.03 | 0.46 | 27 | 2246 | 279 | 20 | 2548 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.06 | 32 | 0.00 | 0.36 | 30 | 2241 | 262 | 13 | 2518 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.96 | 32 | 0.00 | 0.28 | 34 | 2233 | 243 | 2 | 2479 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.86 | 31 | 0.00 | 0.22 | 38 | 2222 | 173 | 0 | 2396 | 1400 | 10 |
| 11 | 1400 | 1.00 | 100 | 0.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.00 | 0.10 | 3.76 | 30 | 0.30 | 0.24 | 43 | 2207 | 217 | 49 | 2474 | 1400 | 11 |
| 12 | 1400 | 0.36 | 100 | 0.49 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 4.44 | 36 | 0.13 | 0.22 | 42 | 2187 | 578 | 110 | 2877 | 1400 | 12 |
| 13 | 1400 | 0.68 | 100 | 0.75 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.68 | 0.10 | 4.62 | 37 | 0.25 | 0.22 | 44 | 2164 | 1122 | 98 | 3386 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.75 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.03 | 40 | 0.00 | 0.18 | 43 | 2136 | 1492 | 83 | 3713 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.75 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.93 | 39 | 0.00 | 0.14 | 45 | 2105 | 1456 | 16 | 3579 | 1400 | 15 |
| 16 | 1400 | 0.28 | 100 | 0.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.28 | 0.10 | 4.83 | 39 | 0.11 | 0.13 | 46 | 2070 | 1104 | 18 | 3193 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.94 | 39 | 0.00 | 0.10 | 46 | 2031 | 769 | 30 | 2832 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.84 | 39 | 0.00 | 0.08 | 47 | 1990 | 562 | 6 | 2560 | 1400 | 18 |
| 19 | 1400 | 0.50 | 100 | 1.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.50 | 0.10 | 4.74 | 38 | 0.19 | 0.10 | 48 | 1946 | 447 | 29 | 2424 | 1400 | 19 |
| 20 | 1400 | 1.94 | 100 | 1.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.94 | 0.10 | 5.02 | 40 | 0.78 | 0.25 | 47 | 1901 | 772 | 220 | 2894 | 1400 | 20 |
| 21 | 1400 | 0.34 | 100 | 1.97 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.34 | 0.10 | 6.16 | 43 | 0.15 | 0.23 | 41 | 1853 | 1755 | 341 | 3951 | 1400 | 21 |
| 22 | 1400 | 0.04 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.30 | 44 | 0.02 | 0.18 | 43 | 1805 | 2598 | 115 | 4520 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.23 | 44 | 0.00 | 0.14 | 45 | 1757 | 2473 | 20 | 4251 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.13 | 43 | 0.00 | 0.11 | 46 | 1710 | 1687 | 2 | 3400 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.03 | 43 | 0.00 | 0.09 | 47 | 1663 | 922 | 0 | 2587 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.93 | 43 | 0.00 | 0.07 | 47 | 1619 | 434 | 0 | 2054 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.83 | 42 | 0.00 | 0.05 | 48 | 1577 | 183 | 0 | 1761 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.73 | 42 | 0.00 | 0.04 | 48 | 1536 | 72 | 0 | 1609 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.63 | 42 | 0.00 | 0.03 | 49 | 1497 | 26 | 0 | 1524 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.53 | 42 | 0.00 | 0.03 | 49 | 1460 | 9 | 0 | 1470 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 1.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.43 | 41 | 0.00 | 0.02 | 49 | 1423 | 3 | 0 | 1427 | 1400 | 31 |

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RC-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 3.26 | 100 | 3.32 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 3.26 | 0.10 | 5.33 | 41 | 1.33 | 0.30 | 49 | 1388 | 451 | 376 | 2216 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 3.32 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.23 | 46 | 0.00 | 0.24 | 37 | 1353 | 1802 | 683 | 3839 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.32 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.13 | 46 | 0.00 | 0.19 | 42 | 1320 | 2984 | 148 | 4453 | 1400 | 3 |
| 4 | 1400 | 0.10 | 100 | 3.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 7.03 | 46 | 0.05 | 0.16 | 45 | 1288 | 2804 | 18 | 4112 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 3.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.00 | 46 | 0.00 | 0.12 | 46 | 1258 | 1849 | 13 | 3122 | 1400 | 5 |
| 6 | 1400 | 0.04 | 100 | 3.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.90 | 45 | 0.02 | 0.10 | 47 | 1231 | 1036 | 5 | 2274 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 3.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.83 | 45 | 0.00 | 0.08 | 47 | 1207 | 544 | 5 | 1757 | 1400 | 7 |
| 8 | 1400 | 0.05 | 100 | 3.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 6.73 | 45 | 0.02 | 0.07 | 48 | 1185 | 289 | 4 | 1479 | 1400 | 8 |
| 9 | 1400 | 0.84 | 100 | 3.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.84 | 0.10 | 6.66 | 45 | 0.38 | 0.13 | 48 | 1166 | 311 | 62 | 1540 | 1400 | 9 |
| 10 | 1400 | 1.76 | 100 | 4.59 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.76 | 0.10 | 7.11 | 46 | 0.81 | 0.28 | 46 | 1149 | 966 | 284 | 2401 | 1400 | 10 |
| 11 | 1400 | 1.01 | 100 | 5.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.01 | 0.10 | 8.04 | 49 | 0.49 | 0.32 | 39 | 1135 | 2386 | 455 | 3977 | 1400 | 11 |
| 12 | 1400 | 1.07 | 100 | 5.62 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.07 | 0.10 | 8.53 | 50 | 0.54 | 0.37 | 36 | 1123 | 3936 | 391 | 5451 | 1400 | 12 |
| 13 | 1400 | 2.32 | 100 | 6.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.32 | 0.10 | 9.05 | 52 | 1.20 | 0.55 | 34 | 1114 | 5259 | 781 | 7156 | 1400 | 13 |
| 14 | 1400 | 0.83 | 100 | 7.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.83 | 0.10 | 10.15 | 55 | 0.45 | 0.53 | 28 | 1108 | 6643 | 1083 | 8835 | 1400 | 14 |
| 15 | 1400 | 0.66 | 100 | 7.64 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.66 | 0.10 | 10.50 | 56 | 0.37 | 0.49 | 28 | 1106 | 7574 | 499 | 9181 | 1400 | 15 |
| 16 | 1400 | 0.45 | 100 | 7.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.10 | 10.77 | 56 | 0.25 | 0.44 | 29 | 1110 | 7273 | 263 | 8648 | 1400 | 16 |
| 17 | 1400 | 0.18 | 100 | 7.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.18 | 0.10 | 10.93 | 57 | 0.10 | 0.37 | 31 | 1119 | 6032 | 151 | 7304 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 7.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.93 | 57 | 0.00 | 0.29 | 34 | 1134 | 4463 | 60 | 5658 | 1400 | 18 |
| 19 | 1400 | 0.30 | 100 | 8.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.30 | 0.10 | 10.83 | 57 | 0.17 | 0.26 | 38 | 1154 | 2976 | 40 | 4171 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 8.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 10.90 | 57 | 0.02 | 0.21 | 40 | 1180 | 1932 | 59 | 3173 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 8.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.83 | 57 | 0.00 | 0.17 | 44 | 1211 | 1323 | 19 | 2554 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 8.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.73 | 56 | 0.00 | 0.13 | 46 | 1245 | 869 | 2 | 2118 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 8.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.63 | 56 | 0.00 | 0.10 | 46 | 1282 | 492 | 0 | 1775 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 8.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.53 | 56 | 0.00 | 0.08 | 47 | 1320 | 241 | 0 | 1561 | 1400 | 24 |
| 25 | 1400 | 0.60 | 100 | 8.52 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.60 | 0.10 | 10.43 | 56 | 0.33 | 0.13 | 48 | 1357 | 228 | 50 | 1636 | 1400 | 25 |
| 26 | 1400 | 0.10 | 100 | 8.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 10.66 | 56 | 0.06 | 0.12 | 46 | 1393 | 553 | 99 | 2047 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 8.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.62 | 56 | 0.00 | 0.09 | 47 | 1427 | 911 | 35 | 2375 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 8.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.52 | 56 | 0.00 | 0.07 | 47 | 1458 | 903 | 4 | 2367 | 1400 | 28 |
| 29 | 1400 | 0.16 | 100 | 8.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.16 | 0.10 | 10.42 | 55 | 0.09 | 0.08 | 48 | 1484 | 648 | 13 | 2147 | 1400 | 29 |
| 30 | 1400 | 0.36 | 100 | 8.87 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 10.42 | 55 | 0.20 | 0.10 | 48 | 1507 | 535 | 54 | 2097 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 8.87 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 10.53 | 56 | 0.00 | 0.08 | 47 | 1524 | 662 | 59 | 2247 | 1400 | 31 |

PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.50 | 0 | 0.00 | 1.90 | 0 | 529 | 410 | 370 | 1309 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.50 | 28 | 0.00 | 1.49 | 11 | 528 | 283 | 8 | 821 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.40 | 27 | 0.00 | 1.17 | 15 | 528 | 53 | 0 | 583 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.30 | 26 | 0.00 | 0.92 | 18 | 528 | 4 | 0 | 532 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.20 | 26 | 0.00 | 0.72 | 21 | 526 | 0 | 0 | 527 | 1400 | 5 |
| 6 | 1400 | 0.09 | 100 | 0.02 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 3.10 | 25 | 0.02 | 0.57 | 25 | 524 | 41 | 6 | 573 | 1400 | 6 |
| 7 | 1400 | 0.06 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 3.98 | 25 | 0.01 | 0.45 | 28 | 521 | 101 | 4 | 627 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.03 | 24 | 0.00 | 0.36 | 30 | 516 | 64 | 0 | 580 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.93 | 23 | 0.00 | 0.28 | 34 | 509 | 11 | 0 | 521 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.83 | 23 | 0.00 | 0.22 | 39 | 501 | 0 | 0 | 503 | 1400 | 10 |
| 11 | 1400 | 0.75 | 100 | 0.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.75 | 0.10 | 2.73 | 22 | 0.16 | 0.21 | 43 | 492 | 228 | 38 | 759 | 1400 | 11 |
| 12 | 1400 | 0.27 | 100 | 0.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.27 | 0.10 | 3.29 | 26 | 0.07 | 0.18 | 44 | 481 | 512 | 17 | 1010 | 1400 | 12 |
| 13 | 1400 | 0.51 | 100 | 0.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.51 | 0.10 | 3.43 | 27 | 0.14 | 0.17 | 46 | 469 | 452 | 31 | 953 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.77 | 30 | 0.00 | 0.13 | 46 | 456 | 382 | 0 | 840 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.67 | 29 | 0.00 | 0.11 | 48 | 443 | 76 | 0 | 520 | 1400 | 15 |
| 16 | 1400 | 0.21 | 100 | 0.47 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.21 | 0.10 | 3.57 | 29 | 0.06 | 0.10 | 50 | 430 | 79 | 12 | 523 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.47 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.65 | 29 | 0.00 | 0.08 | 50 | 416 | 134 | 0 | 552 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.47 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.55 | 28 | 0.00 | 0.06 | 52 | 403 | 29 | 0 | 433 | 1400 | 18 |
| 19 | 1400 | 0.38 | 100 | 0.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 3.45 | 28 | 0.10 | 0.07 | 54 | 390 | 119 | 19 | 529 | 1400 | 19 |
| 20 | 1400 | 1.46 | 100 | 1.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.46 | 0.10 | 3.68 | 29 | 0.43 | 0.15 | 53 | 377 | 704 | 82 | 1165 | 1400 | 20 |
| 21 | 1400 | 0.26 | 100 | 1.10 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.26 | 0.10 | 4.68 | 37 | 0.10 | 0.13 | 48 | 364 | 1063 | 22 | 1451 | 1400 | 21 |
| 22 | 1400 | 0.03 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 4.78 | 38 | 0.01 | 0.11 | 48 | 353 | 435 | 2 | 792 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.70 | 38 | 0.00 | 0.09 | 50 | 343 | 90 | 0 | 434 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.60 | 37 | 0.00 | 0.07 | 51 | 335 | 10 | 0 | 346 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.50 | 36 | 0.00 | 0.05 | 53 | 328 | 0 | 0 | 330 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.40 | 35 | 0.00 | 0.04 | 55 | 322 | 0 | 0 | 323 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.30 | 34 | 0.00 | 0.03 | 56 | 317 | 0 | 0 | 318 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.20 | 34 | 0.00 | 0.03 | 57 | 312 | 0 | 0 | 313 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.10 | 33 | 0.00 | 0.02 | 57 | 307 | 0 | 0 | 308 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 32 | 0.00 | 0.02 | 58 | 302 | 0 | 0 | 303 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 1.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.90 | 31 | 0.00 | 0.01 | 58 | 297 | 0 | 0 | 297 | 1400 | 31 |

FORM 1611-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

...SULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION
80381 | 1 JUL 1967 1400 | 0 SUSITNA HEP AUG 6-17 '67 RECONST. | N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | RTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 2.44 | 100 | 1.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.44 | 0.10 | 3.80 | 30 | 0.74 | 0.17 | 59 | 291 | 744 | 153 | 1189 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.48 | 41 | 0.00 | 0.13 | 47 | 285 | 1352 | 3 | 1642 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.38 | 41 | 0.00 | 0.10 | 48 | 281 | 293 | 0 | 575 | 1400 | 3 |
| 4 | 1400 | 0.08 | 100 | 1.88 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 5.28 | 41 | 0.03 | 0.09 | 50 | 278 | 60 | 6 | 345 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.88 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.24 | 41 | 0.00 | 0.07 | 51 | 277 | 69 | 0 | 347 | 1400 | 5 |
| 6 | 1400 | 0.03 | 100 | 1.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 5.14 | 40 | 0.01 | 0.06 | 53 | 277 | 28 | 2 | 308 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.06 | 40 | 0.00 | 0.04 | 54 | 277 | 26 | 0 | 305 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 1.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.96 | 40 | 0.02 | 0.04 | 56 | 279 | 23 | 2 | 305 | 1400 | 8 |
| 9 | 1400 | 0.68 | 100 | 2.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.68 | 0.10 | 4.89 | 39 | 0.27 | 0.09 | 56 | 281 | 319 | 47 | 638 | 1400 | 9 |
| 10 | 1400 | 1.43 | 100 | 2.76 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.43 | 0.10 | 5.28 | 41 | 0.58 | 0.19 | 51 | 282 | 1219 | 135 | 1838 | 1400 | 10 |
| 11 | 1400 | 0.82 | 100 | 3.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.82 | 0.10 | 6.10 | 43 | 0.35 | 0.23 | 45 | 285 | 1843 | 82 | 2211 | 1400 | 11 |
| 12 | 1400 | 0.87 | 100 | 3.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.87 | 0.10 | 6.54 | 44 | 0.39 | 0.26 | 43 | 289 | 1683 | 92 | 2066 | 1400 | 12 |
| 13 | 1400 | 1.88 | 100 | 4.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.88 | 0.10 | 7.00 | 46 | 0.86 | 0.39 | 40 | 296 | 2416 | 340 | 3053 | 1400 | 13 |
| 14 | 1400 | 0.67 | 100 | 4.68 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.67 | 0.10 | 8.00 | 49 | 0.33 | 0.38 | 33 | 306 | 2995 | 97 | 3400 | 1400 | 14 |
| 15 | 1400 | 0.53 | 100 | 4.95 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.53 | 0.10 | 8.32 | 49 | 0.26 | 0.35 | 33 | 319 | 1917 | 74 | 2312 | 1400 | 15 |
| 16 | 1400 | 0.36 | 100 | 5.13 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 8.56 | 50 | 0.18 | 0.32 | 34 | 336 | 1335 | 50 | 1723 | 1400 | 16 |
| 17 | 1400 | 0.15 | 100 | 5.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.10 | 8.69 | 51 | 0.07 | 0.26 | 36 | 357 | 840 | 20 | 1219 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 5.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.69 | 51 | 0.00 | 0.21 | 40 | 380 | 340 | 0 | 722 | 1400 | 18 |
| 19 | 1400 | 0.22 | 100 | 5.32 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 8.59 | 50 | 0.11 | 0.19 | 44 | 405 | 209 | 25 | 641 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 5.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 8.63 | 50 | 0.02 | 0.15 | 46 | 431 | 304 | 3 | 740 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 5.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.55 | 50 | 0.00 | 0.12 | 47 | 456 | 97 | 0 | 555 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 5.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.45 | 50 | 0.00 | 0.09 | 49 | 480 | 12 | 0 | 493 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 5.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.35 | 50 | 0.00 | 0.07 | 51 | 502 | 0 | 0 | 503 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 5.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.25 | 49 | 0.00 | 0.06 | 53 | 521 | 0 | 0 | 522 | 1400 | 24 |
| 25 | 1400 | 0.45 | 100 | 5.55 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.10 | 8.15 | 49 | 0.22 | 0.09 | 54 | 537 | 247 | 41 | 827 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 5.59 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 8.34 | 50 | 0.04 | 0.08 | 51 | 549 | 495 | 8 | 1053 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 5.59 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.29 | 49 | 0.00 | 0.06 | 52 | 558 | 179 | 0 | 738 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 5.59 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.19 | 49 | 0.00 | 0.05 | 54 | 564 | 25 | 0 | 590 | 1400 | 28 |
| 29 | 1400 | 0.12 | 100 | 5.65 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 8.09 | 49 | 0.06 | 0.05 | 55 | 567 | 66 | 10 | 645 | 1400 | 29 |
| 30 | 1400 | 0.27 | 100 | 5.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.27 | 0.10 | 8.07 | 49 | 0.13 | 0.07 | 55 | 567 | 263 | 24 | 856 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 5.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.14 | 49 | 0.00 | 0.05 | 53 | 565 | 290 | 0 | 857 | 1400 | 31 |

...SULTS - STATION 8.0 LOCAL ACCEPTANCE

RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 0 | 0.00 | 1.60 | 0 | 756 | 630 | 348 | 1734 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 24 | 0.00 | 1.26 | 14 | 755 | 435 | 7 | 1199 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.90 | 23 | 0.00 | 0.99 | 17 | 755 | 82 | 0 | 839 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.80 | 22 | 0.00 | 0.78 | 20 | 755 | 6 | 0 | 762 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.70 | 22 | 0.00 | 0.61 | 24 | 755 | 0 | 0 | 756 | 1400 | 5 |
| 6 | 1400 | 0.09 | 100 | 0.02 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 2.60 | 21 | 0.02 | 0.48 | 27 | 755 | 51 | 8 | 815 | 1400 | 6 |
| 7 | 1400 | 0.06 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 2.58 | 21 | 0.01 | 0.38 | 30 | 753 | 126 | 5 | 886 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.54 | 20 | 0.00 | 0.30 | 33 | 752 | 79 | 0 | 832 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.44 | 20 | 0.00 | 0.24 | 37 | 749 | 14 | 0 | 764 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.34 | 19 | 0.00 | 0.19 | 42 | 745 | 1 | 0 | 747 | 1400 | 10 |
| 11 | 1400 | 0.75 | 100 | 0.17 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.75 | 0.10 | 2.24 | 19 | 0.14 | 0.18 | 46 | 740 | 290 | 48 | 1079 | 1400 | 11 |
| 12 | 1400 | 0.27 | 100 | 0.23 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.27 | 0.10 | 2.82 | 23 | 0.06 | 0.15 | 46 | 734 | 650 | 21 | 1406 | 1400 | 12 |
| 13 | 1400 | 0.51 | 100 | 0.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.51 | 0.10 | 2.97 | 24 | 0.12 | 0.14 | 47 | 726 | 577 | 40 | 1344 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.33 | 27 | 0.00 | 0.11 | 48 | 717 | 492 | 0 | 1210 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.23 | 26 | 0.03 | 0.09 | 49 | 706 | 98 | 0 | 805 | 1400 | 15 |
| 16 | 1400 | 0.21 | 100 | 0.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.21 | 0.10 | 3.13 | 25 | 0.05 | 0.08 | 51 | 694 | 104 | 16 | 815 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.22 | 26 | 0.00 | 0.06 | 52 | 681 | 176 | 0 | 858 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.12 | 25 | 0.00 | 0.05 | 54 | 668 | 38 | 0 | 706 | 1400 | 18 |
| 19 | 1400 | 0.38 | 100 | 0.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 3.02 | 24 | 0.09 | 0.06 | 55 | 653 | 156 | 25 | 835 | 1400 | 19 |
| 20 | 1400 | 1.46 | 100 | 0.88 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.46 | 0.10 | 3.25 | 26 | 0.38 | 0.13 | 54 | 638 | 931 | 109 | 1679 | 1400 | 20 |
| 21 | 1400 | 0.26 | 100 | 0.96 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.26 | 0.10 | 4.31 | 34 | 0.09 | 0.12 | 49 | 622 | 1416 | 30 | 2070 | 1400 | 21 |
| 22 | 1400 | 0.03 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 4.41 | 35 | 0.01 | 0.10 | 49 | 606 | 590 | 4 | 1201 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.34 | 35 | 0.00 | 0.08 | 50 | 591 | 123 | 0 | 715 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.24 | 34 | 0.00 | 0.06 | 52 | 575 | 14 | 0 | 590 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.14 | 33 | 0.00 | 0.05 | 54 | 560 | 0 | 0 | 562 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.04 | 32 | 0.00 | 0.04 | 55 | 546 | 0 | 0 | 547 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.94 | 31 | 0.00 | 0.03 | 56 | 533 | 0 | 0 | 533 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.84 | 31 | 0.00 | 0.02 | 57 | 520 | 0 | 0 | 521 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.74 | 30 | 0.00 | 0.02 | 58 | 509 | 0 | 0 | 509 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.64 | 29 | 0.00 | 0.01 | 58 | 497 | 0 | 0 | 498 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 0.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.54 | 28 | 0.00 | 0.01 | 59 | 487 | 0 | 0 | 487 | 1400 | 31 |

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROP | RGF | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 2.44 | 100 | [illegible]5 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.44 | 0.10 | 3.44 | 27 | 0.67 | 0.15 | 59 | 476 | 1030 | 195 | 1703 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | [illegible] | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.19 | 41 | 0.00 | 0.12 | 47 | 466 | 1671 | 4 | 2343 | 1400 | 2 |
| 3 | 1400 | 0.00 | 10[illegible] | [illegible] | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.09 | 40 | 0.00 | 0.09 | 49 | 456 | 405 | 0 | 862 | 1400 | 3 |
| 4 | 1400 | 0.08 | 100 | [illegible] | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 4.99 | 40 | 0.03 | 0.08 | 51 | 447 | 87 | 9 | 544 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.68 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.94 | 40 | 0.00 | 0.06 | 52 | 439 | 102 | 0 | 542 | 1400 | 5 |
| 6 | 1400 | 0.03 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 4.84 | 39 | 0.01 | 0.05 | 54 | 432 | 42 | 3 | 478 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.77 | 38 | 0.00 | 0.04 | 55 | 425 | 38 | 0 | 464 | 1400 | 7 |
| 8 | 1400 | 0.02 | 100 | 1.70 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 4.67 | 37 | 0.01 | 0.03 | 56 | 420 | 23 | 2 | 446 | 1400 | 8 |
| 9 | 1400 | 0.41 | 100 | 1.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 4.59 | 37 | 0.15 | 0.06 | 57 | 416 | 274 | 41 | 732 | 1400 | 9 |
| 10 | 1400 | 0.86 | 100 | 2.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.10 | 4.80 | 38 | 0.33 | 0.12 | 54 | 413 | 1025 | 96 | 1535 | 1400 | 10 |
| 11 | 1400 | 0.49 | 100 | 2.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.49 | 0.10 | 5.31 | 41 | 0.20 | 0.14 | 49 | 410 | 1523 | 66 | 2000 | 1400 | 11 |
| 12 | 1400 | 0.52 | 100 | 2.60 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.10 | 5.57 | 42 | 0.22 | 0.15 | 48 | 408 | 1360 | 72 | 1842 | 1400 | 12 |
| 13 | 1400 | 1.14 | 100 | 3.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.14 | 0.10 | 5.85 | 42 | 0.48 | 0.22 | 47 | 408 | 1893 | 169 | 2472 | 1400 | 13 |
| 14 | 1400 | 0.41 | 100 | 3.26 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 6.48 | 44 | 0.18 | 0.21 | 43 | 408 | 2293 | 67 | 2770 | 1400 | 14 |
| 15 | 1400 | 0.32 | 100 | 3.41 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.32 | 0.10 | 6.67 | 45 | 0.14 | 0.20 | 44 | 410 | 1392 | 52 | 1855 | 1400 | 15 |
| 16 | 1400 | 0.22 | 100 | 3.51 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 6.79 | 45 | 0.10 | 0.18 | 45 | 413 | 941 | 35 | 1391 | 1400 | 16 |
| 17 | 1400 | 0.09 | 100 | 3.55 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 6.84 | 45 | 0.04 | 0.15 | 46 | 418 | 587 | 14 | 1020 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.55 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.80 | 45 | 0.00 | 0.12 | 48 | 425 | 237 | 0 | 664 | 1400 | 18 |
| 19 | 1400 | 0.22 | 100 | 3.65 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 6.70 | 45 | 0.10 | 0.11 | 49 | 434 | 231 | 32 | 698 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 3.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 6.76 | 45 | 0.01 | 0.09 | 49 | 445 | 378 | 5 | 829 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.68 | 45 | 0.00 | 0.07 | 51 | 457 | 122 | 0 | 580 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 3.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.58 | 45 | 0.00 | 0.06 | 53 | 471 | 16 | 0 | 487 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 3.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.48 | 44 | 0.00 | 0.04 | 54 | 485 | 1 | 0 | 487 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 3.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.38 | 44 | 0.00 | 0.04 | 56 | 500 | 0 | 0 | 500 | 1400 | 24 |
| 25 | 1400 | 0.45 | 100 | 3.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.10 | 6.28 | 44 | 0.20 | 0.07 | 56 | 514 | 321 | 53 | 890 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 3.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 6.50 | 44 | 0.03 | 0.06 | 53 | 529 | 642 | 10 | 1182 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 3.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.45 | 44 | 0.00 | 0.05 | 54 | 542 | 232 | 0 | 776 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 3.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.35 | 44 | 0.00 | 0.04 | 55 | 554 | 32 | 0 | 587 | 1400 | 28 |
| 29 | 1400 | 0.12 | 100 | 3.94 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 6.25 | 44 | 0.05 | 0.04 | 56 | 565 | 88 | 14 | 668 | 1400 | 29 |
| 30 | 1400 | 0.27 | 100 | 4.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.27 | 0.10 | 6.23 | 44 | 0.12 | 0.06 | 56 | 574 | 351 | 32 | 959 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 4.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.32 | 44 | 0.00 | 0.05 | 54 | 581 | 387 | 0 | 971 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.07 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 0 | 0.00 | 0.60 | 0 | 386 | 10 | 10 | 406 | 1400 | 1 |
| 2 | 1400 | 0.00 | 98 | 0.00 | 1.10 | 1 | 3150 | 100 | 9.6 | 100 | 1.16 | 1.15 | 0.07 | 3.00 | 95 | 1.16 | 0.71 | 97 | 450 | 18 | 2 | 472 | 1400 | 2 |
| 3 | 1400 | 0.00 | 58 | 0.00 | 1.50 | 2 | 3150 | 100 | 4.1 | 87 | 0.49 | 0.43 | 0.07 | 2.99 | 95 | 0.40 | 0.64 | 96 | 585 | 25 | 0 | 611 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 3.35 | 3 | 3150 | 100 | 16.2 | 100 | 1.95 | 1.95 | 0.07 | 2.94 | 95 | 1.85 | 0.90 | 97 | 768 | 35 | 1 | 805 | 1400 | 4 |
| 5 | 1400 | 0.00 | 99 | 0.00 | 4.51 | 5 | 3150 | 100 | 10.2 | 100 | 1.22 | 1.22 | 0.07 | 2.97 | 95 | 1.16 | 0.96 | 95 | 1034 | 55 | 1 | 1091 | 1400 | 5 |
| 6 | 1400 | 0.18 | 100 | 0.17 | 5.92 | 6 | 3150 | 100 | 12.4 | 100 | 1.49 | 1.66 | 0.07 | 2.96 | 95 | 1.58 | 1.09 | 95 | 1283 | 67 | 1 | 1353 | 1400 | 6 |
| 7 | 1400 | 0.12 | 99 | 0.28 | 7.08 | 7 | 3150 | 100 | 10.2 | 100 | 1.22 | 1.34 | 0.07 | 2.99 | 95 | 1.27 | 1.13 | 95 | 1433 | 77 | 1 | 1513 | 1400 | 7 |
| 8 | 1400 | 0.00 | 99 | 0.28 | 8.24 | 8 | 3150 | 100 | 10.2 | 100 | 1.22 | 1.22 | 0.07 | 3.00 | 95 | 1.16 | 1.14 | 95 | 1484 | 73 | 1 | 1560 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.28 | 10.22 | 10 | 3150 | 100 | 17.3 | 100 | 2.08 | 2.08 | 0.07 | 2.99 | 95 | 1.97 | 1.32 | 95 | 1518 | 83 | 2 | 1603 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.28 | 12.44 | 13 | 3150 | 100 | 19.5 | 100 | 2.34 | 2.34 | 0.07 | 3.02 | 95 | 2.23 | 1.51 | 95 | 1686 | 108 | 2 | 1798 | 1400 | 10 |
| 11 | 1400 | 1.50 | 100 | 1.71 | 14.67 | 15 | 3150 | 100 | 19.5 | 100 | 2.34 | 3.84 | 0.07 | 3.07 | 95 | 3.65 | 1.97 | 95 | 2074 | 147 | 3 | 2226 | 1400 | 11 |
| 12 | 1400 | 0.54 | 100 | 2.22 | 17.08 | 17 | 3150 | 100 | 21.2 | 100 | 2.54 | 3.08 | 0.07 | 3.24 | 95 | 2.93 | 2.17 | 95 | 2604 | 178 | 3 | 2787 | 1400 | 12 |
| 13 | 1400 | 1.02 | 100 | 3.19 | 19.68 | 20 | 3150 | 100 | 22.8 | 100 | 2.74 | 3.76 | 0.07 | 3.38 | 95 | 3.57 | 2.47 | 95 | 3064 | 185 | 4 | 3254 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 3.19 | 22.47 | 23 | 3150 | 100 | 24.5 | 100 | 2.94 | 2.94 | 0.07 | 3.55 | 95 | 2.79 | 2.54 | 95 | 3342 | 186 | 3 | 3532 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.19 | 25.01 | 25 | 3150 | 100 | 22.3 | 100 | 2.67 | 2.67 | 0.07 | 3.63 | 95 | 2.54 | 2.54 | 95 | 3390 | 166 | 3 | 3560 | 1400 | 15 |
| 16 | 1400 | 0.42 | 100 | 3.59 | 27.61 | 28 | 3150 | 100 | 22.8 | 100 | 2.74 | 3.16 | 0.07 | 3.69 | 95 | 3.00 | 2.64 | 95 | 3294 | 160 | 3 | 3459 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.59 | 29.52 | 30 | 3150 | 100 | 16.8 | 100 | 2.01 | 2.01 | 0.07 | 3.82 | 95 | 1.91 | 2.48 | 95 | 3158 | 150 | 2 | 3311 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.59 | 31.37 | 32 | 3150 | 100 | 16.2 | 100 | 1.95 | 1.95 | 0.07 | 3.85 | 95 | 1.85 | 2.35 | 95 | 2907 | 123 | 2 | 3033 | 1400 | 18 |
| 19 | 1400 | 0.75 | 100 | 4.30 | 32.78 | 33 | 3150 | 100 | 12.4 | 100 | 1.49 | 2.23 | 0.07 | 3.88 | 95 | 2.12 | 2.30 | 95 | 2620 | 115 | 2 | 2739 | 1400 | 19 |
| 20 | 1400 | 2.91 | 99 | 7.03 | 33.94 | 34 | 3150 | 100 | 10.2 | 100 | 1.22 | 4.10 | 0.07 | 3.97 | 95 | 3.90 | 2.64 | 95 | 2600 | 150 | 4 | 2755 | 1400 | 20 |
| 21 | 1400 | 0.51 | 100 | 7.52 | 35.73 | 36 | 3150 | 100 | 15.7 | 100 | 1.88 | 2.39 | 0.07 | 4.16 | 95 | 2.27 | 2.56 | 95 | 2848 | 173 | 3 | 3026 | 1400 | 21 |
| 22 | 1400 | 0.06 | 100 | 7.58 | 37.33 | 38 | 3150 | 100 | 14.0 | 100 | 1.68 | 1.74 | 0.07 | 4.26 | 95 | 1.66 | 2.37 | 95 | 2919 | 137 | 2 | 3059 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 7.58 | 39.87 | 40 | 3150 | 100 | 22.3 | 100 | 2.67 | 2.67 | 0.07 | 4.28 | 95 | 2.54 | 2.40 | 95 | 2742 | 123 | 2 | 2869 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 7.58 | 42.28 | 43 | 3150 | 100 | 21.2 | 100 | 2.54 | 2.54 | 0.07 | 4.34 | 95 | 2.41 | 2.41 | 95 | 2636 | 135 | 2 | 2775 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 7.58 | 43.75 | 44 | 3150 | 100 | 12.9 | 100 | 1.55 | 1.55 | 0.07 | 4.40 | 95 | 1.47 | 2.21 | 95 | 2566 | 123 | 1 | 2691 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 7.58 | 45.48 | 46 | 3150 | 100 | 15.1 | 100 | 1.82 | 1.81 | 0.07 | 4.41 | 95 | 1.72 | 2.10 | 95 | 2378 | 102 | 1 | 2483 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 7.58 | 48.08 | 49 | 3150 | 100 | 22.8 | 100 | 2.74 | 2.74 | 0.07 | 4.43 | 95 | 2.60 | 2.21 | 95 | 2247 | 114 | 2 | 2365 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 7.58 | 50.93 | 51 | 3150 | 100 | 25.0 | 100 | 3.00 | 3.00 | 0.07 | 4.49 | 95 | 2.85 | 2.35 | 95 | 2363 | 143 | 3 | 2510 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 7.58 | 52.72 | 53 | 3150 | 100 | 15.7 | 100 | 1.88 | 1.88 | 0.07 | 4.57 | 95 | 1.79 | 2.23 | 95 | 2542 | 140 | 2 | 2686 | 1400 | 29 |
| 30 | 1400 | 0.00 | 98 | 7.58 | 53.75 | 54 | 3150 | 100 | 9.1 | 100 | 1.09 | 1.09 | 0.07 | 4.60 | 95 | 1.03 | 1.97 | 95 | 2459 | 103 | 1 | 2564 | 1400 | 30 |
| 31 | 1400 | 0.00 | 96 | 7.58 | 54.66 | 55 | 3150 | 100 | 8.0 | 100 | 0.96 | 0.96 | 0.07 | 4.58 | 95 | 0.91 | 1.74 | 95 | 2095 | 70 | 1 | 2168 | 1400 | 31 |



FORM 141-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. 80381 INITIAL DATE, HOUR 1 JUL 1967 1400 JOB DESCRIPTION 0 SUSITNA REP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.08 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-SR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 4.89 | 100 | 12.22 | 56.07 | 57 | 3150 | 100 | 12.4 | 100 | 1.49 | 6.37 | 0.07 | 4.56 | 95 | 6.05 | 2.67 | 95 | 2111 | 145 | 5 | 2263 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 12.22 | 58.05 | 59 | 3150 | 100 | 17.3 | 100 | 2.08 | 2.08 | 0.08 | 4.86 | 95 | 1.97 | 2.52 | 95 | 2751 | 212 | 3 | 2968 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 12.22 | 59.83 | 60 | 3150 | 100 | 15.7 | 100 | 1.88 | 1.88 | 0.08 | 4.88 | 95 | 1.79 | 2.36 | 95 | 3106 | 150 | 2 | 3260 | 1400 | 3 |
| 4 | 1400 | 0.15 | 100 | 12.36 | 61.50 | 62 | 3150 | 100 | 14.6 | 100 | 1.75 | 1.90 | 0.08 | 4.90 | 95 | 1.80 | 2.24 | 95 | 2879 | 115 | 2 | 2998 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 12.36 | 63.22 | 64 | 3150 | 100 | 15.1 | 100 | 1.82 | 1.81 | 0.08 | 4.93 | 95 | 1.72 | 2.13 | 95 | 2538 | 105 | 2 | 2646 | 1400 | 5 |
| 6 | 1400 | 0.06 | 100 | 12.41 | 65.57 | 66 | 3150 | 100 | 20.6 | 100 | 2.48 | 2.53 | 0.08 | 4.94 | 95 | 2.41 | 2.19 | 95 | 2331 | 113 | 2 | 2448 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 12.41 | 67.61 | 68 | 3150 | 100 | 17.9 | 100 | 2.15 | 2.14 | 0.08 | 4.99 | 95 | 2.04 | 2.16 | 95 | 2306 | 124 | 2 | 2433 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 12.45 | 69.52 | 70 | 3150 | 100 | 16.8 | 100 | 2.01 | 2.05 | 0.08 | 5.02 | 95 | 1.95 | 2.11 | 95 | 2325 | 119 | 2 | 2447 | 1400 | 8 |
| 9 | 1400 | 0.67 | 100 | 13.09 | 70.87 | 72 | 3150 | 100 | 11.8 | 100 | 1.42 | 2.09 | 0.08 | 5.05 | 95 | 1.99 | 2.09 | 95 | 2302 | 115 | 2 | 2420 | 1400 | 9 |
| 10 | 1400 | 1.41 | 97 | 14.39 | 71.84 | 73 | 3150 | 100 | 8.5 | 100 | 1.02 | 2.39 | 0.08 | 5.13 | 95 | 2.27 | 2.13 | 95 | 2294 | 119 | 2 | 2417 | 1400 | 10 |
| 11 | 1400 | 0.81 | 98 | 15.14 | 72.94 | 74 | 3150 | 100 | 9.6 | 100 | 1.16 | 1.95 | 0.08 | 5.23 | 95 | 1.85 | 2.07 | 95 | 2311 | 120 | 2 | 2434 | 1400 | 11 |
| 12 | 1400 | 0.86 | 94 | 15.91 | 73.78 | 75 | 3150 | 100 | 7.5 | 99 | 0.90 | 1.70 | 0.08 | 5.31 | 95 | 1.61 | 1.97 | 95 | 2263 | 108 | 1 | 2373 | 1400 | 12 |
| 13 | 1400 | 1.86 | 100 | 17.67 | 75.01 | 76 | 3150 | 100 | 10.7 | 100 | 1.29 | 3.14 | 0.08 | 5.38 | 95 | 2.98 | 2.19 | 95 | 2248 | 121 | 3 | 2373 | 1400 | 13 |
| 14 | 1400 | 0.66 | 97 | 18.28 | 75.98 | 77 | 3150 | 100 | 8.5 | 100 | 1.02 | 1.67 | 0.08 | 5.52 | 95 | 1.58 | 2.06 | 95 | 2341 | 131 | 2 | 2475 | 1400 | 14 |
| 15 | 1400 | 0.53 | 98 | 18.77 | 77.07 | 78 | 3150 | 100 | 9.6 | 100 | 1.16 | 1.67 | 0.08 | 5.58 | 95 | 1.59 | 1.96 | 95 | 2320 | 106 | 1 | 2429 | 1400 | 15 |
| 16 | 1400 | 0.36 | 100 | 19.12 | 78.74 | 80 | 3150 | 100 | 14.6 | 100 | 1.75 | 2.11 | 0.08 | 5.64 | 95 | 2.00 | 1.97 | 95 | 2186 | 102 | 2 | 2292 | 1400 | 16 |
| 17 | 1400 | 0.14 | 100 | 19.25 | 80.02 | 81 | 3150 | 100 | 11.3 | 100 | 1.35 | 1.50 | 0.08 | 5.70 | 95 | 1.42 | 1.85 | 95 | 2084 | 101 | 1 | 2188 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 19.25 | 81.31 | 82 | 3150 | 100 | 11.3 | 100 | 1.35 | 1.35 | 0.08 | 5.71 | 95 | 1.29 | 1.73 | 95 | 1952 | 86 | 1 | 2040 | 1400 | 18 |
| 19 | 1400 | 0.45 | 100 | 19.68 | 83.09 | 84 | 3150 | 100 | 15.7 | 100 | 1.88 | 2.33 | 0.08 | 5.76 | 95 | 2.21 | 1.83 | 95 | 1855 | 93 | 2 | 1951 | 1400 | 19 |
| 20 | 1400 | 0.06 | 100 | 19.74 | 85.01 | 86 | 3150 | 100 | 16.8 | 100 | 2.01 | 2.07 | 0.08 | 5.79 | 95 | 1.97 | 1.86 | 95 | 1921 | 112 | 2 | 2036 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 19.74 | 86.61 | 87 | 3150 | 100 | 14.0 | 100 | 1.68 | 1.68 | 0.08 | 5.82 | 95 | 1.60 | 1.81 | 95 | 2020 | 108 | 1 | 2131 | 1400 | 21 |
| 22 | 1400 | 0.00 | 99 | 19.74 | 87.77 | 89 | 3150 | 100 | 10.2 | 100 | 1.22 | 1.22 | 0.08 | 5.82 | 95 | 1.16 | 1.67 | 95 | 1975 | 90 | 1 | 2068 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 19.74 | 89.18 | 90 | 3150 | 100 | 12.4 | 100 | 1.49 | 1.48 | 0.08 | 5.80 | 95 | 1.41 | 1.61 | 95 | 1817 | 78 | 1 | 1897 | 1400 | 23 |
| 24 | 1400 | 0.00 | 80 | 19.74 | 89.83 | 91 | 3150 | 100 | 5.9 | 97 | 0.71 | 0.69 | 0.08 | 5.79 | 95 | 0.65 | 1.41 | 95 | 1619 | 66 | 0 | 1687 | 1400 | 24 |
| 25 | 1400 | 0.90 | 98 | 20.57 | 90.87 | 92 | 3150 | 100 | 9.1 | 100 | 1.09 | 1.97 | 0.08 | 5.75 | 95 | 1.87 | 1.51 | 95 | 1468 | 68 | 1 | 1539 | 1400 | 25 |
| 26 | 1400 | 0.15 | 98 | 20.71 | 91.90 | 93 | 3150 | 100 | 9.1 | 100 | 1.09 | 1.24 | 0.08 | 5.83 | 95 | 1.17 | 1.44 | 95 | 1459 | 82 | 1 | 1544 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 20.71 | 93.31 | 94 | 3150 | 100 | 12.4 | 100 | 1.49 | 1.48 | 0.08 | 5.83 | 95 | 1.41 | 1.43 | 95 | 1498 | 78 | 1 | 1579 | 1400 | 27 |
| 28 | 1400 | 0.00 | 97 | 20.71 | 94.28 | 95 | 3150 | 100 | 8.5 | 100 | 1.02 | 1.02 | 0.08 | 5.82 | 95 | 0.97 | 1.33 | 95 | 1480 | 72 | 1 | 1554 | 1400 | 28 |
| 29 | 1400 | 0.24 | 85 | 20.90 | 95.00 | 96 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.96 | 0.08 | 5.79 | 95 | 0.91 | 1.24 | 95 | 1389 | 60 | 1 | 1452 | 1400 | 29 |
| 30 | 1400 | 0.54 | 94 | 21.39 | 95.84 | 97 | 3150 | 100 | 7.5 | 99 | 0.90 | 1.40 | 0.08 | 5.79 | 95 | 1.33 | 1.26 | 95 | 1294 | 62 | 1 | 1358 | 1400 | 30 |
| 31 | 1400 | 0.00 | 58 | 21.39 | 96.25 | 97 | 3150 | 100 | 4.1 | 87 | 0.49 | 0.43 | 0.08 | 5.83 | 95 | 0.40 | 1.08 | 95 | 1217 | 55 | 0 | 1274 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y



FORM 1413-2 PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %CA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1967 | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.08 | 6.00 | 0 | 0.00 | 1.30 | 0 | 1107. | 709 | 338 | 2154 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.00 | 70 | 0.00 | 0.94 | 40 | 1106 | 660 | 103 | 1891 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.90 | 69 | 0.00 | 0.68 | 45 | 1106 | 568 | 1 | 1677 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.80 | 68 | 0.00 | 0.49 | 48 | 1106 | 383 | 0 | 1490 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.70 | 67 | 0.00 | 0.36 | 50 | 1106 | 209 | 0 | 1316 | 1400 | 5 |
| 6 | 1400 | 0.18 | 100 | 0.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.18 | 0.10 | 5.60 | 66 | 0.12 | 0.29 | 56 | 1105 | 109 | 37 | 1252 | 1400 | 6 |
| 7 | 1400 | 0.12 | 100 | 0.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 5.59 | 66 | 0.08 | 0.23 | 58 | 1103 | 92 | 39 | 1235 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.54 | 65 | 0.00 | 0.17 | 61 | 1101 | 115 | 10 | 1227 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.44 | 64 | 0.00 | 0.12 | 63 | 1097 | 118 | 0 | 1216 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.34 | 63 | 0.00 | 0.09 | 65 | 1092 | 87 | 0 | 1179 | 1400 | 10 |
| 11 | 1400 | 1.50 | 100 | 1.13 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.50 | 0.10 | 5.24 | 62 | 0.94 | 0.32 | 66 | 1085 | 114 | 221 | 1421 | 1400 | 11 |
| 12 | 1400 | 0.54 | 100 | 1.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.54 | 0.10 | 5.79 | 68 | 0.37 | 0.33 | 57 | 1076 | 316 | 206 | 1599 | 1400 | 12 |
| 13 | 1400 | 1.02 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.02 | 0.10 | 5.93 | 69 | 0.71 | 0.44 | 57 | 1065 | 633 | 265 | 1965 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.22 | 72 | 0.00 | 0.32 | 53 | 1053 | 874 | 94 | 2022 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.12 | 71 | 0.00 | 0.23 | 57 | 1040 | 878 | 1 | 1920 | 1400 | 15 |
| 16 | 1400 | 0.42 | 100 | 2.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.42 | 0.10 | 6.02 | 70 | 0.30 | 0.25 | 61 | 1026 | 676 | 81 | 1784 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.11 | 71 | 0.00 | 0.18 | 60 | 1012 | 470 | 35 | 1518 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.01 | 70 | 0.00 | 0.13 | 63 | 998 | 340 | 0 | 1339 | 1400 | 18 |
| 19 | 1400 | 0.75 | 100 | 3.02 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.75 | 0.10 | 5.91 | 69 | 0.52 | 0.24 | 65 | 984 | 264 | 128 | 1377 | 1400 | 19 |
| 20 | 1400 | 2.91 | 100 | 5.09 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.91 | 0.10 | 6.12 | 71 | 2.07 | 0.74 | 61 | 971 | 428 | 932 | 2332 | 1400 | 20 |
| 21 | 1400 | 0.51 | 100 | 5.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | .51 | 0.10 | 6.93 | 79 | 0.40 | 0.65 | 47 | 958 | 960 | 531 | 2451 | 1400 | 21 |
| 22 | 1400 | 0.06 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | .06 | 0.10 | 7.01 | 80 | 0.05 | 0.48 | 48 | 946 | 1446 | 88 | 2481 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0 | 0.10 | 6.93 | 79 | 0.00 | 0.35 | 51 | 936 | 1411 | 8 | 2357 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.83 | 78 | 0.00 | 0.25 | 56 | 928 | 987 | 0 | 1916 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.73 | 77 | 0.00 | 0.18 | 60 | 922 | 549 | 0 | 1472 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.63 | 76 | 0.00 | 0.13 | 63 | 919 | 262 | 0 | 1181 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.53 | 75 | 0.00 | 0.10 | 65 | 918 | 112 | 0 | 1030 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.43 | 74 | 0.00 | 0.07 | 66 | 919 | 44 | 0 | 964 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.33 | 73 | 0.00 | 0.05 | 67 | 921 | 16 | 0 | 938 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.23 | 72 | 0.00 | 0.04 | 68 | 924 | 5 | 0 | 931 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 5.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.13 | 71 | 0.00 | 0.03 | 69 | 928 | 2 | 0 | 931 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 4.89 | 100 | 8.98 | 0.06 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 4.89 | 0.10 | 6.03 | 70 | 3.44 | 0.97 | 69 | 931 | 188 | 1324 | 2445 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 8.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.46 | 85 | 0.00 | 0.70 | 44 | 934 | 752 | 573 | 2261 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 8.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.36 | 84 | 0.00 | 0.51 | 48 | 937 | 1246 | 8 | 2192 | 1400 | 3 |
| 4 | 1400 | 0.15 | 100 | 9.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.10 | 7.26 | 83 | 0.12 | 0.40 | 50 | 940 | 1176 | 43 | 2160 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 9.11 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.21 | 82 | 0.00 | 0.29 | 54 | 943 | 794 | 18 | 1757 | 1400 | 5 |
| 6 | 1400 | 0.06 | 100 | 9.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 7.11 | 81 | 0.05 | 0.22 | 58 | 948 | 470 | 14 | 1434 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 9.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.03 | 80 | 0.00 | 0.16 | 61 | 955 | 266 | 6 | 1228 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 9.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.93 | 79 | 0.03 | 0.13 | 64 | 963 | 150 | 8 | 1122 | 1400 | 8 |
| 9 | 1400 | 0.67 | 100 | 9.71 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.67 | 0.10 | 6.84 | 78 | 0.53 | 0.24 | 65 | 973 | 126 | 133 | 1233 | 1400 | 9 |
| 10 | 1400 | 1.41 | 100 | 10.83 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.41 | 0.10 | 6.96 | 80 | 1.12 | 0.48 | 61 | 983 | 295 | 407 | 1686 | 1400 | 10 |
| 11 | 1400 | 0.81 | 100 | 11.50 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.81 | 0.10 | 7.23 | 82 | 0.66 | 0.53 | 51 | 994 | 708 | 383 | 2087 | 1400 | 11 |
| 12 | 1400 | 0.86 | 100 | 12.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.10 | 7.35 | 83 | 0.71 | 0.58 | 50 | 1006 | 1188 | 355 | 2551 | 1400 | 12 |
| 13 | 1400 | 1.86 | 100 | 13.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.86 | 0.10 | 7.47 | 85 | 1.57 | 0.85 | 49 | 1019 | 1605 | 959 | 3584 | 1400 | 13 |
| 14 | 1400 | 0.66 | 100 | 14.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.66 | 0.10 | 7.73 | 87 | 0.58 | 0.78 | 46 | 1032 | 2006 | 590 | 3629 | 1400 | 14 |
| 15 | 1400 | 0.53 | 100 | 14.83 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.53 | 0.10 | 7.79 | 88 | 0.46 | 0.69 | 47 | 1046 | 2244 | 275 | 3567 | 1400 | 15 |
| 16 | 1400 | 0.36 | 100 | 15.15 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 7.82 | 88 | 0.32 | 0.59 | 48 | 1061 | 2120 | 193 | 3375 | 1400 | 16 |
| 17 | 1400 | 0.14 | 100 | 15.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.10 | 7.82 | 88 | 0.13 | 0.46 | 49 | 1077 | 1732 | 97 | 2908 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 15.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.75 | 88 | 0.00 | 0.33 | 52 | 1096 | 1264 | 20 | 2381 | 1400 | 18 |
| 19 | 1400 | 0.45 | 100 | 15.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.10 | 7.65 | 87 | 0.39 | 0.35 | 57 | 1115 | 847 | 119 | 2083 | 1400 | 19 |
| 20 | 1400 | 0.06 | 100 | 15.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 7.68 | 87 | 0.05 | 0.27 | 56 | 1136 | 596 | 67 | 1801 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 15.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.59 | 86 | 0.00 | 0.19 | 59 | 1158 | 469 | 7 | 1636 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 15.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.49 | 85 | 0.00 | 0.14 | 62 | 1180 | 343 | 0 | 1524 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 15.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.39 | 84 | 0.00 | 0.10 | 64 | 1202 | 205 | 0 | 1409 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 15.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.29 | 83 | 0.00 | 0.07 | 66 | 1223 | 104 | 0 | 1328 | 1400 | 24 |
| 25 | 1400 | 0.90 | 100 | 16.45 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.90 | 0.10 | 7.19 | 82 | 0.74 | 0.26 | 67 | 1243 | 96 | 171 | 1511 | 1400 | 25 |
| 26 | 1400 | 0.15 | 100 | 16.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.10 | 7.33 | 83 | 0.13 | 0.22 | 60 | 1260 | 230 | 109 | 1600 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 16.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.28 | 83 | 0.00 | 0.16 | 61 | 1275 | 381 | 16 | 1673 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 16.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.18 | 82 | 0.00 | 0.12 | 64 | 1287 | 382 | 0 | 1670 | 1400 | 28 |
| 29 | 1400 | 0.24 | 100 | 16.77 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.10 | 7.08 | 81 | 0.19 | 0.14 | 65 | 1296 | 277 | 47 | 1621 | 1400 | 29 |
| 30 | 1400 | 0.54 | 100 | 17.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.54 | 0.10 | 7.06 | 81 | 0.44 | 0.22 | 65 | 1301 | 230 | 129 | 1661 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 17.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.14 | 81 | 0.00 | 0.16 | 61 | 1304 | 286 | 47 | 1638 | 1400 | 31 |

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONSI. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.50 | 0 | 0.00 | 0.70 | 0 | 501 | 298 | 379 | 1178 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.50 | 45 | 0.00 | 0.55 | 25 | 500 | 206 | 8 | 715 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.40 | 44 | 0.00 | 0.43 | 28 | 500 | 39 | 0 | 540 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.30 | 43 | 0.00 | 0.34 | 31 | 500 | 2 | 0 | 504 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.20 | 42 | 0.00 | 0.27 | 35 | 500 | 0 | 0 | 501 | 1400 | 5 |
| 6 | 1400 | 0.09 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 3.10 | 41 | 0.04 | 0.22 | 40 | 500 | 53 | 8 | 563 | 1400 | 6 |
| 7 | 1400 | 0.06 | 100 | 0.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 3.07 | 41 | 0.02 | 0.18 | 44 | 499 | 131 | 5 | 636 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.01 | 40 | 0.00 | 0.14 | 46 | 498 | 81 | 0 | 580 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.91 | 39 | 0.00 | 0.11 | 48 | 496 | 14 | 0 | 511 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.81 | 38 | 0.00 | 0.09 | 50 | 494 | 1 | 0 | 495 | 1400 | 10 |
| 11 | 1400 | 0.75 | 100 | 0.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.75 | 0.10 | 2.71 | 37 | 0.28 | 0.13 | 51 | 490 | 326 | 54 | 872 | 1400 | 11 |
| 12 | 1400 | 0.27 | 100 | 0.45 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.27 | 0.10 | 3.16 | 42 | 0.11 | 0.12 | 49 | 486 | 732 | 24 | 1244 | 1400 | 12 |
| 13 | 1400 | 0.51 | 100 | 0.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.51 | 0.10 | 3.25 | 43 | 0.22 | 0.14 | 49 | 481 | 650 | 45 | 1177 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.52 | 45 | 0.00 | 0.11 | 48 | 476 | 552 | 0 | 1030 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.42 | 44 | 0.00 | 0.09 | 49 | 469 | 110 | 0 | 580 | 1400 | 15 |
| 16 | 1400 | 0.21 | 100 | 0.76 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.21 | 0.10 | 3.32 | 43 | 0.09 | 0.09 | 51 | 462 | 115 | 17 | 596 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.76 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.34 | 44 | 0.00 | 0.07 | 51 | 455 | 194 | 0 | 651 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.76 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.26 | 43 | 0.00 | 0.05 | 53 | 447 | 42 | 0 | 490 | 1400 | 18 |
| 19 | 1400 | 0.38 | 100 | 0.92 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 3.16 | 42 | 0.16 | 0.08 | 55 | 439 | 175 | 28 | 644 | 1400 | 19 |
| 20 | 1400 | 1.46 | 100 | 1.55 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.46 | 0.10 | 3.34 | 43 | 0.63 | 0.20 | 52 | 432 | 1031 | 146 | 1611 | 1400 | 20 |
| 21 | 1400 | 0.26 | 100 | 1.68 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.26 | 0.10 | 4.14 | 51 | 0.13 | 0.18 | 45 | 424 | 1548 | 32 | 2005 | 1400 | 21 |
| 22 | 1400 | 0.03 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 4.20 | 52 | 0.02 | 0.15 | 46 | 416 | 624 | 4 | 1045 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.12 | 51 | 0.00 | 0.11 | 48 | 409 | 127 | 0 | 537 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.02 | 50 | 0.00 | 0.09 | 49 | 402 | 14 | 0 | 417 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.92 | 49 | 0.00 | 0.07 | 51 | 397 | 0 | 0 | 398 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.82 | 48 | 0.00 | 0.06 | 53 | 392 | 0 | 0 | 392 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.72 | 47 | 0.00 | 0.04 | 54 | 387 | 0 | 0 | 388 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.62 | 46 | 0.00 | 0.03 | 56 | 384 | 0 | 0 | 384 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.52 | 45 | 0.00 | 0.03 | 57 | 381 | 0 | 0 | 382 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.42 | 44 | 0.00 | 0.02 | 57 | 379 | 0 | 0 | 379 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.32 | 43 | 0.00 | 0.02 | 58 | 376 | 0 | 0 | 377 | 1400 | 31 |



FORM 1113
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA REP AUG 8-17 '67 RECONST. U.S.D.A., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 2.44 | 100 | 2.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.44 | 0.10 | 3.22 | 42 | 1.03 | 0.23 | 58 | 374 | 1015 | 250 | 1640 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 2.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.61 | 56 | 0.00 | 0.18 | 42 | 372 | 1844 | 5 | 2222 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.51 | 55 | 0.00 | 0.14 | 46 | 370 | 399 | 0 | 770 | 1400 | 3 |
| 4 | 1400 | 0.68 | 100 | 2.76 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 4.41 | 54 | 0.04 | 0.12 | 48 | 368 | 82 | 8 | 459 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.76 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.36 | 54 | 0.00 | 0.10 | 49 | 366 | 94 | 0 | 462 | 1400 | 5 |
| 6 | 1400 | 0.03 | 100 | 2.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 4.26 | 53 | 0.02 | 0.08 | 50 | 365 | 39 | 3 | 408 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 2.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.17 | 52 | 0.00 | 0.06 | 52 | 365 | 35 | 0 | 401 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 2.80 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.07 | 51 | 0.02 | 0.05 | 54 | 3 | 30 | 3 | 399 | 1400 | 8 |
| 9 | 1400 | 0.67 | 100 | 3.14 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.67 | 0.10 | 4.00 | 50 | 0.34 | 0.11 | 55 | 366 | 409 | 61 | 838 | 1400 | 9 |
| 10 | 1400 | 1.41 | 100 | 3.88 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.41 | 0.10 | 4.31 | 53 | 0.75 | 0.25 | 49 | 367 | 1576 | 210 | 2155 | 1400 | 10 |
| 11 | 1400 | 0.81 | 100 | 4.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.81 | 0.10 | 4.95 | 60 | 0.48 | 0.30 | 41 | 369 | 2458 | 136 | 2964 | 1400 | 11 |
| 12 | 1400 | 0.86 | 100 | 4.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.10 | 5.25 | 63 | 0.54 | 0.35 | 37 | 371 | 2402 | 178 | 2953 | 1400 | 12 |
| 13 | 1400 | 1.86 | 100 | 6.12 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.86 | 0.10 | 5.55 | 66 | 1.22 | 0.54 | 35 | 374 | 3558 | 708 | 4642 | 1400 | 13 |
| 14 | 1400 | 0.66 | 100 | 6.59 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.66 | 0.10 | 6.17 | 72 | 0.48 | 0.52 | 28 | 379 | 4429 | 194 | 5003 | 1400 | 14 |
| 15 | 1400 | 0.53 | 100 | 6.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.53 | 0.10 | 6.33 | 73 | 0.39 | 0.49 | 29 | 384 | 2877 | 130 | 3392 | 1400 | 15 |
| 16 | 1400 | 0.36 | 100 | 7.25 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 6.44 | 74 | 0.27 | 0.45 | 29 | 392 | 2042 | 79 | 2514 | 1400 | 16 |
| 17 | 1400 | 0.14 | 100 | 7.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.10 | 6.49 | 75 | 0.11 | 0.37 | 31 | 401 | 1303 | 31 | 1737 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 7.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.44 | 74 | 0.00 | 0.29 | 33 | 413 | 530 | 0 | 945 | 1400 | 18 |
| 19 | 1400 | 0.22 | 100 | 7.52 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 6.34 | 73 | 0.17 | 0.27 | 38 | 428 | 335 | 41 | 806 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 7.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 6.33 | 73 | 0.02 | 0.21 | 40 | 444 | 491 | 6 | 943 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 7.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.25 | 72 | 0.00 | 0.17 | 44 | 463 | 156 | 0 | 620 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 7.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.15 | 71 | 0.00 | 0.13 | 47 | 483 | 20 | 0 | 504 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 7.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.05 | 70 | 0.00 | 0.10 | 48 | 504 | 1 | 0 | 506 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 7.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.95 | 69 | 0.00 | 0.08 | 50 | 525 | 0 | 0 | 525 | 1400 | 24 |
| 25 | 1400 | 0.45 | 100 | 7.85 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.10 | 5.85 | 68 | 0.31 | 0.13 | 52 | 546 | 358 | 59 | 965 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 7.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 5.95 | 70 | 0.05 | 0.11 | 49 | 566 | 716 | 12 | 1295 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 7.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.88 | 69 | 0.00 | 0.09 | 49 | 585 | 259 | 0 | 845 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 7.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.78 | 68 | 0.00 | 0.07 | 51 | 603 | 36 | 0 | 640 | 1400 | 28 |
| 29 | 1400 | 0.12 | 100 | 7.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 5.68 | 67 | 0.08 | 0.07 | 53 | 618 | 93 | 15 | 728 | 1400 | 29 |
| 30 | 1400 | 0.27 | 100 | 8.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.27 | 0.10 | 5.64 | 66 | 0.18 | 0.10 | 53 | 631 | 370 | 34 | 1037 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 8.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.67 | 67 | 0.00 | 0.07 | 50 | 643 | 407 | 0 | 1052 | 1400 | 31 |

FORM 1813
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

BASIN RESULTS - STATION 43.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.50 | 0 | 0.00 | 0.10 | 0 | 0 | 0 | 174 | 174 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.50 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 143 | 143 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.40 | 100 | 0.00 | 0.06 | 52 | 9 | 0 | 72 | 72 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.30 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 18 | 19 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.20 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 3 | 4 | 1400 | 5 |
| 6 | 1400 | 0.06 | 100 | 0.06 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 3.10 | 100 | 0.06 | 0.04 | 56 | 43 | 32 | 0 | 77 | 1400 | 6 |
| 7 | 1400 | 0.04 | 100 | 0.10 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 3.01 | 100 | 0.04 | 0.04 | 56 | 28 | 21 | 1 | 51 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.10 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.91 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 1 | 1 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.10 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.81 | 100 | 0.00 | 0.03 | 57 | 0 | 0 | 0 | 0 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.10 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.71 | 100 | 0.00 | 0.02 | 57 | 0 | 0 | 0 | 0 | 1400 | 10 |
| 11 | 1400 | 0.50 | 100 | 0.60 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.50 | 0.10 | 2.61 | 100 | 0.50 | 0.12 | 58 | 373 | 257 | 2 | 634 | 1400 | 11 |
| 12 | 1400 | 0.18 | 100 | 0.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.18 | 0.10 | 2.58 | 100 | 0.18 | 0.14 | 49 | 113 | 112 | 6 | 233 | 1400 | 12 |
| 13 | 1400 | 0.34 | 100 | 1.12 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.34 | 0.10 | 2.51 | 100 | 0.34 | 0.18 | 48 | 211 | 215 | 8 | 436 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 1.12 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.46 | 100 | 0.00 | 0.14 | 46 | 0 | 0 | 7 | 8 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.12 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.36 | 100 | 0.00 | 0.11 | 48 | 0 | 0 | 4 | 4 | 1400 | 15 |
| 16 | 1400 | 0.14 | 100 | 1.26 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.10 | 2.26 | 100 | 0.14 | 0.12 | 49 | 89 | 86 | 1 | 178 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 1.26 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.18 | 100 | 0.00 | 0.09 | 49 | 0 | 0 | 2 | 2 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 1.26 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.08 | 100 | 0.00 | 0.07 | 51 | 0 | 0 | 1 | 1 | 1400 | 18 |
| 19 | 1400 | 0.25 | 100 | 1.51 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.10 | 1.98 | 100 | 0.25 | 0.11 | 53 | 170 | 144 | 1 | 317 | 1400 | 19 |
| 20 | 1400 | 0.97 | 100 | 2.48 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.97 | 0.10 | 1.91 | 100 | 0.97 | 0.29 | 49 | 619 | 584 | 11 | 1215 | 1400 | 20 |
| 21 | 1400 | 0.17 | 100 | 2.65 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 1.89 | 100 | 0.17 | 0.27 | 37 | 82 | 130 | 23 | 236 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 1.81 | 100 | 0.02 | 0.21 | 40 | 10 | 14 | 18 | 43 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.72 | 100 | 0.00 | 0.17 | 44 | 0 | 0 | 6 | 7 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.62 | 100 | 0.00 | 0.13 | 47 | 0 | 0 | 1 | 2 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.52 | 100 | 0.00 | 0.10 | 48 | 0 | 0 | 0 | 0 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.42 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 0 | 0 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.32 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 0 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.22 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 0 | 0 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.12 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 0 | 0 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 1.02 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 0 | 0 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.92 | 100 | 0.00 | 0.02 | 57 | 0 | 0 | 0 | 0 | 1400 | 31 |

FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80341 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | UII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 1.63 | 100 | 4.30 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.63 | 0.10 | 0.82 | 100 | 1.63 | 0.37 | 58 | 1210 | 805 | 15 | 2032 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 4.30 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.80 | 100 | 0.00 | 0.29 | 34 | 0 | 0 | 35 | 36 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 4.30 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.70 | 100 | 0.00 | 0.23 | 38 | 0 | 0 | 26 | 27 | 1400 | 3 |
| 4 | 1400 | 0.05 | 100 | 4.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 0.60 | 100 | 0.05 | 0.19 | 43 | 27 | 35 | 7 | 71 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 4.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.50 | 100 | 0.00 | 0.15 | 46 | 0 | 0 | 2 | 2 | 1400 | 5 |
| 6 | 1400 | 0.02 | 100 | 4.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.40 | 100 | 0.02 | 0.12 | 48 | 12 | 12 | 0 | 26 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 4.37 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.31 | 100 | 0.00 | .10 | 49 | 0 | 0 | 0 | 0 | 1400 | 7 |
| 8 | 1400 | 0.02 | 100 | 4.39 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.21 | 100 | 0.02 | 0.08 | 50 | 15 | 14 | 0 | 31 | 1400 | 8 |
| 9 | 1400 | 0.41 | 100 | 4.81 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 0.11 | 100 | 0.41 | 0.15 | 52 | 276 | 242 | 2 | 521 | 1400 | 9 |
| 10 | 1400 | 0.86 | 100 | 5.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.10 | 0.07 | 100 | 0.86 | 0.30 | 47 | 528 | 541 | 13 | 1083 | 1400 | 10 |
| 11 | 1400 | 0.49 | 100 | 6.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.49 | 0.10 | 0.05 | 100 | 0.49 | 0.34 | 37 | 235 | 378 | 25 | 640 | 1400 | 11 |
| 12 | 1400 | 0.52 | 100 | 6.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.10 | 0.01 | 100 | 0.52 | 0.36 | 35 | 235 | 412 | 29 | 678 | 1400 | 12 |
| 13 | 1400 | 1.14 | 100 | 7.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.14 | 0.10 | 0.00 | 100 | 1.14 | 0.54 | 33 | 481 | 881 | 41 | 1405 | 1400 | 13 |
| 14 | 1400 | 0.41 | 100 | 8.23 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 0.00 | 100 | 0.41 | 0.52 | 28 | 147 | 355 | 58 | 561 | 1400 | 14 |
| 15 | 1400 | 0.32 | 100 | 8.55 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.32 | 0.10 | 0.00 | 100 | 0.32 | 0.47 | 29 | 119 | 282 | 46 | 449 | 1400 | 15 |
| 16 | 1400 | 0.22 | 100 | 8.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 0.00 | 100 | 0.22 | 0.42 | 30 | 84 | 189 | 24 | 299 | 1400 | 16 |
| 17 | 1400 | 0.09 | 100 | 8.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 0.00 | 100 | 0.09 | 0.35 | 31 | 35 | 74 | 13 | 123 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 8.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.27 | 35 | 0 | 0 | 6 | 7 | 1400 | 18 |
| 19 | 1400 | 0.15 | 100 | 9.01 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.10 | 0.00 | 100 | 0.15 | 0.25 | 39 | 75 | 112 | 3 | 191 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 9.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.00 | 100 | 0.02 | 0.20 | 41 | 10 | 14 | 3 | 28 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 9.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.16 | 45 | 0 | 0 | 2 | 2 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 9.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.12 | 47 | 0 | 0 | 0 | 1 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 9.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.10 | 49 | 0 | 0 | 0 | 0 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 9.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 0 | 0 | 1400 | 24 |
| 25 | 1400 | 0.30 | 100 | 9.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.30 | 0.10 | 0.00 | 100 | 0.30 | 0.12 | 52 | 203 | 174 | 1 | 380 | 1400 | 25 |
| 26 | 1400 | 0.05 | 100 | 9.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 0.00 | 100 | 0.05 | 0.11 | 49 | 31 | 31 | 4 | 67 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 9.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.09 | 50 | 0 | 0 | 3 | 3 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 9.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.07 | 52 | 0 | 0 | 1 | 1 | 1400 | 28 |
| 29 | 1400 | 0.08 | 100 | 9.46 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 0.00 | 100 | 0.08 | 0.07 | 53 | 55 | 45 | 0 | 102 | 1400 | 29 |
| 30 | 1400 | 0.18 | 100 | 9.64 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.18 | 0.10 | 0.00 | 100 | 0.18 | 0.09 | 53 | 123 | 103 | 2 | 229 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 9.64 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.07 | 51 | 0 | 0 | 2 | 3 | 1400 | 31 |



FORM 1611-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 0 | 0.00 | 0.13 | 0 | 1473 | 872 | 30 | 2375 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 3.00 | 40 | 0.00 | 0.10 | 49 | 1473 | 871 | 29 | 2375 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.85 | 39 | 0.00 | 0.08 | 50 | 1473 | 871 | 26 | 2372 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.70 | 37 | 0.00 | 0.06 | 52 | 1473 | 871 | 17 | 2362 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.55 | 35 | 0.00 | 0.05 | 54 | 1473 | 870 | 7 | 2351 | 1400 | 5 |
| 6 | 1400 | 0.06 | 100 | 0.02 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.15 | 2.40 | 34 | 0.02 | 0.04 | 55 | 1472 | 867 | 2 | 2343 | 1400 | 6 |
| 7 | 1400 | 0.04 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.15 | 2.30 | 33 | 0.01 | 0.04 | 56 | 1472 | 860 | 1 | 2335 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.19 | 32 | 0.00 | 0.03 | 56 | 1472 | 847 | 4 | 2326 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.04 | 30 | 0.00 | 0.02 | 57 | 1472 | 827 | 6 | 2307 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.03 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.89 | 29 | 0.00 | 0.02 | 58 | 1472 | 797 | 5 | 2276 | 1400 | 10 |
| 11 | 1400 | 0.50 | 100 | 0.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.50 | 0.15 | 1.74 | 29 | 0.14 | 0.04 | 58 | 1472 | 759 | 2 | 2235 | 1400 | 11 |
| 12 | 1400 | 0.18 | 100 | 0.23 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.18 | 0.15 | 2.05 | 30 | 0.05 | 0.05 | 56 | 1472 | 712 | 9 | 2195 | 1400 | 12 |
| 13 | 1400 | 0.34 | 100 | 0.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.34 | 0.15 | 2.06 | 31 | 0.10 | 0.06 | 55 | 1472 | 659 | 29 | 2162 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.22 | 32 | 0.00 | 0.05 | 54 | 1472 | 604 | 44 | 2121 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.07 | 31 | 0.00 | 0.04 | 55 | 1472 | 548 | 46 | 2067 | 1400 | 15 |
| 16 | 1400 | 0.14 | 100 | 0.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.15 | 1.92 | 30 | 0.04 | 0.04 | 56 | 1472 | 497 | 33 | 2003 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.90 | 29 | 0.00 | 0.03 | 56 | 1471 | 454 | 17 | 1944 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.38 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.75 | 29 | 0.00 | 0.02 | 57 | 1471 | 423 | 12 | 1907 | 1400 | 18 |
| 19 | 1400 | 0.25 | 100 | 0.45 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.15 | 1.60 | 28 | 0.07 | 0.03 | 58 | 1470 | 402 | 9 | 1883 | 1400 | 19 |
| 20 | 1400 | 0.97 | 100 | 0.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.97 | 0.15 | 1.68 | 28 | 0.28 | 0.09 | 57 | 1469 | 391 | 10 | 1872 | 1400 | 20 |
| 21 | 1400 | 0.17 | 100 | 0.78 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.15 | 2.34 | 33 | 0.06 | 0.08 | 51 | 1468 | 388 | 31 | 1888 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 2.34 | 33 | 0.01 | 0.06 | 52 | 1466 | 389 | 68 | 1925 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.21 | 32 | 0.00 | 0.05 | 54 | 1464 | 394 | 74 | 1934 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.06 | 31 | 0.00 | 0.04 | 55 | 1462 | 402 | 46 | 1912 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.91 | 30 | 0.00 | 0.03 | 56 | 1460 | 415 | 19 | 1895 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.76 | 29 | 0.00 | 0.02 | 57 | 1457 | 433 | 5 | 1896 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.61 | 28 | 0.00 | 0.02 | 58 | 1453 | 456 | 1 | 1911 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.46 | 27 | 0.00 | 0.01 | 58 | 1449 | 482 | 0 | 1932 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.31 | 27 | 0.00 | 0.01 | 59 | 1444 | 504 | 0 | 1951 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.16 | 26 | 0.00 | 0.01 | 59 | 1439 | 524 | 0 | 1965 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 0.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.01 | 25 | 0.00 | 0.01 | 59 | 1434 | 534 | 0 | 1968 | 1400 | 31 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
B03A1 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 | |
| 1 | 1400 | 1.63 | 100 | 1.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.63 | 0.15 | 0.86 | 24 | 0.40 | 0.09 | 59 | 1427 | 532 | 1 | 1962 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.05 | 31 | 0.00 | 0.07 | 51 | 1420 | 519 | 23 | 1964 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.18 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.91 | 30 | 0.00 | 0.06 | 53 | 1413 | 496 | 68 | 1978 | 1400 | 3 |
| 4 | 1400 | 0.05 | 100 | 1.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.15 | 1.76 | 29 | 0.01 | 0.05 | 54 | 1405 | 466 | 74 | 1946 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.66 | 28 | 0.00 | 0.04 | 55 | 1396 | 435 | 41 | 1874 | 1400 | 5 |
| 6 | 1400 | 0.02 | 100 | 1.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 1.51 | 28 | 0.01 | 0.03 | 56 | 1387 | 409 | 16 | 1814 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 1.38 | 27 | 0.00 | 0.02 | 57 | 1377 | 393 | 6 | 1778 | 1400 | 7 |
| 8 | 1400 | 0.02 | 100 | 1.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 1.23 | 26 | 0.01 | 0.02 | 58 | 1367 | 387 | 3 | 1759 | 1400 | 8 |
| 9 | 1400 | 0.41 | 100 | 1.31 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.15 | 1.10 | 26 | 0.10 | 0.04 | 58 | 1356 | 391 | 2 | 1751 | 1400 | 9 |
| 10 | 1400 | 0.86 | 100 | 1.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.15 | 1.34 | 27 | 0.23 | 0.08 | 56 | 1345 | 401 | 9 | 1756 | 1400 | 10 |
| 11 | 1400 | 0.49 | 100 | 1.69 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.49 | 0.15 | 1.94 | 30 | 0.15 | 0.09 | 52 | 1333 | 413 | 35 | 1783 | 1400 | 11 |
| 12 | 1400 | 0.52 | 100 | 1.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.15 | 2.24 | 32 | 0.17 | 0.11 | 51 | 1320 | 424 | 75 | 1821 | 1400 | 12 |
| 13 | 1400 | 1.14 | 100 | 2.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.14 | 0.15 | 2.55 | 36 | 0.40 | 0.17 | 49 | 1308 | 433 | 102 | 1843 | 1400 | 13 |
| 14 | 1400 | 0.41 | 100 | 2.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.15 | 3.26 | 43 | 0.17 | 0.17 | 46 | 1294 | 441 | 128 | 1865 | 1400 | 14 |
| 15 | 1400 | 0.32 | 100 | 2.58 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.32 | 0.15 | 3.43 | 44 | 0.14 | 0.17 | 46 | 1281 | 455 | 167 | 1904 | 1400 | 15 |
| 16 | 1400 | 0.22 | 100 | 2.68 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.15 | 3.52 | 45 | 0.10 | 0.15 | 47 | 1267 | 482 | 174 | 1924 | 1400 | 16 |
| 17 | 1400 | 0.09 | 100 | 2.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.15 | 3.54 | 45 | 0.04 | 0.13 | 47 | 1252 | 529 | 144 | 1926 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.72 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 3.46 | 45 | 0.00 | 0.10 | 49 | 1238 | 603 | 104 | 1946 | 1400 | 18 |
| 19 | 1400 | 0.15 | 100 | 2.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.15 | 3.31 | 43 | 0.06 | 0.09 | 50 | 1223 | 705 | 66 | 1995 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 2.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 3.27 | 43 | 0.01 | 0.07 | 51 | 1208 | 832 | 37 | 2079 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 2.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 3.14 | 41 | 0.00 | 0.06 | 53 | 1193 | 975 | 26 | 2196 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 2.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.99 | 40 | 0.00 | 0.05 | 54 | 1178 | 1121 | 20 | 2321 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.84 | 38 | 0.00 | 0.04 | 55 | 1163 | 1257 | 10 | 2432 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.69 | 37 | 0.00 | 0.03 | 56 | 1148 | 1368 | 4 | 2521 | 1400 | 24 |
| 25 | 1400 | 0.30 | 100 | 2.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.30 | 0.15 | 2.54 | 35 | 0.11 | 0.05 | 57 | 1133 | 1446 | 1 | 2582 | 1400 | 25 |
| 26 | 1400 | 0.05 | 100 | 2.92 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.15 | 2.65 | 36 | 0.02 | 0.04 | 55 | 1119 | 1485 | 6 | 2611 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.92 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.54 | 35 | 0.00 | 0.03 | 56 | 1104 | 1483 | 20 | 2609 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.92 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.39 | 34 | 0.00 | 0.02 | 57 | 1090 | 1445 | 24 | 2560 | 1400 | 28 |
| 29 | 1400 | 0.08 | 100 | 2.95 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.15 | 2.24 | 32 | 0.03 | 0.02 | 58 | 1077 | 1375 | 15 | 2468 | 1400 | 29 |
| 30 | 1400 | 0.18 | 100 | 3.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.18 | 0.15 | 2.16 | 32 | 0.06 | 0.03 | 58 | 1064 | 1283 | 7 | 2356 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 3.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.17 | 32 | 0.00 | 0.02 | 57 | 1051 | 1177 | 9 | 2240 | 1400 | 31 |



FORM 1213
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI.

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 | |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 3.00 | 0 | 0.00 | 1.60 | 0 | 560 | 735 | 394 | 1689 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.09 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 40 | 0.00 | 1.26 | 14 | 559 | 508 | 1 | 1069 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.90 | 39 | 0.00 | 0.99 | 17 | 556 | 96 | 0 | 653 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.80 | 38 | 0.00 | 0.78 | 20 | 549 | 7 | 0 | 556 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.70 | 37 | 0.00 | 0.61 | 24 | 534 | 0 | 0 | 534 | 1400 | 5 |
| 6 | 1400 | 0.12 | 100 | 0.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 2.60 | 36 | 0.04 | 0.49 | 27 | 511 | 183 | 31 | 725 | 1400 | 6 |
| 7 | 1400 | 0.08 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 2.59 | 36 | 0.03 | 0.39 | 29 | 482 | 450 | 20 | 952 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.56 | 36 | 0.00 | 0.31 | 33 | 448 | 285 | 0 | 735 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.46 | 35 | 0.00 | 0.24 | 37 | 413 | 51 | 0 | 466 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.36 | 34 | 0.00 | 0.19 | 42 | 377 | 3 | 0 | 381 | 1400 | 10 |
| 11 | 1400 | 1.00 | 100 | 0.40 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.00 | 0.10 | 2.26 | 33 | 0.33 | 0.22 | 46 | 343 | 1027 | 174 | 1545 | 1400 | 11 |
| 12 | 1400 | 0.36 | 100 | 0.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 2.91 | 39 | 0.14 | 0.20 | 44 | 320 | 2325 | 78 | 2725 | 1400 | 12 |
| 13 | 1400 | 0.68 | 100 | 0.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.68 | 0.10 | 3.08 | 41 | 0.28 | 0.22 | 45 | 318 | 2126 | 150 | 2596 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.46 | 45 | 0.00 | 0.17 | 44 | 344 | 1821 | 0 | 2167 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.36 | 44 | 0.00 | 0.13 | 46 | 392 | 364 | 0 | 757 | 1400 | 15 |
| 16 | 1400 | 0.28 | 100 | 0.93 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.28 | 0.10 | 3.26 | 43 | 0.12 | 0.13 | 48 | 451 | 384 | 60 | 897 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.93 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.36 | 44 | 0.00 | 0.10 | 48 | 510 | 649 | 0 | 1161 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.93 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.26 | 43 | 0.00 | 0.08 | 50 | 562 | 140 | 0 | 703 | 1400 | 18 |
| 19 | 1400 | 0.50 | 100 | 1.14 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.50 | 0.10 | 3.16 | 42 | 0.21 | 0.11 | 52 | 601 | 589 | 98 | 1290 | 1400 | 19 |
| 20 | 1400 | 1.94 | 100 | 2.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.94 | 0.10 | 3.42 | 44 | 0.86 | 0.27 | 50 | 636 | 3495 | 614 | 4747 | 1400 | 20 |
| 21 | 1400 | 0.34 | 100 | 2.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.34 | 0.10 | 4.48 | 55 | 0.19 | 0.25 | 40 | 692 | 5319 | 113 | 6125 | 1400 | 21 |
| 22 | 1400 | 0.04 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.58 | 56 | 0.02 | 0.20 | 41 | 785 | 2241 | 13 | 3041 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.51 | 55 | 0.00 | 0.16 | 45 | 908 | 471 | 0 | 1380 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.41 | 54 | 0.00 | 0.12 | 47 | 1035 | 53 | 0 | 1089 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.31 | 53 | 0.00 | 0.10 | 49 | 1142 | 3 | 0 | 1146 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.21 | 52 | 0.00 | 0.08 | 50 | 1214 | 0 | 0 | 1214 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.11 | 51 | 0.00 | 0.06 | 52 | 1244 | 0 | 0 | 1245 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.01 | 50 | 0.00 | 0.05 | 54 | 1235 | 0 | 0 | 1236 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | | .0 | 0 | 0.00 | 0.00 | 0.10 | 3.91 | 49 | 0.00 | 0.04 | 55 | 1192 | 0 | 0 | 1192 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.81 | 48 | 0.00 | 0.03 | 56 | 1122 | 0 | 0 | 1123 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.71 | 47 | 0.00 | 0.02 | 57 | 1034 | 0 | 0 | 1034 | 1400 | 31 |



FORM 1412
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONSI. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 3.26 | 100 | 3.71 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 3.26 | 0.10 | 3.61 | 46 | 1.50 | 0.34 | 58 | 949 | 3510 | 1167 | 5628 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 3.71 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.34 | 63 | 0.00 | 0.27 | 35 | 916 | 6376 | 4 | 7297 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.71 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.24 | 62 | 0.00 | 0.21 | 40 | 968 | 1381 | 0 | 2350 | 1400 | 3 |
| 4 | 1400 | 0.10 | 100 | 3.77 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 5.14 | 61 | 0.06 | 0.18 | 44 | 1091 | 305 | 33 | 1431 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 3.77 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.10 | 61 | 0.00 | 0.14 | 46 | 1245 | 366 | 0 | 1612 | 1400 | 5 |
| 6 | 1400 | 0.04 | 100 | 3.80 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 5.00 | 60 | 0.02 | 0.12 | 48 | 1390 | 150 | 12 | 1553 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 3.80 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.92 | 59 | 0.00 | 0.09 | 49 | 1499 | 137 | 0 | 1637 | 1400 | 7 |
| 8 | 1400 | 0.02 | 100 | 3.81 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 4.82 | 58 | 0.01 | 0.07 | 51 | 1562 | 69 | 6 | 1638 | 1400 | 8 |
| 9 | 1400 | 0.41 | 100 | 4.05 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 4.73 | 57 | 0.24 | 0.11 | 53 | 1576 | 723 | 110 | 2410 | 1400 | 9 |
| 10 | 1400 | 0.86 | 100 | 4.55 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.10 | 4.87 | 59 | 0.51 | 0.19 | 50 | 1557 | 2665 | 266 | 4489 | 1400 | 10 |
| 11 | 1400 | 0.49 | 100 | 4.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.49 | 0.10 | 5.20 | 62 | 0.31 | 0.22 | 45 | 1530 | 3903 | 166 | 5600 | 1400 | 11 |
| 12 | 1400 | 0.52 | 100 | 5.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.10 | 5.36 | 64 | 0.33 | 0.24 | 44 | 1522 | 3453 | 185 | 5162 | 1400 | 12 |
| 13 | 1400 | 1.14 | 100 | 5.93 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.14 | 0.10 | 5.52 | 65 | 0.74 | 0.35 | 42 | 1545 | 4855 | 616 | 7017 | 1400 | 13 |
| 14 | 1400 | 0.41 | 100 | 6.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 5.89 | 69 | 0.28 | 0.33 | 38 | 1608 | 5970 | 183 | 7762 | 1400 | 14 |
| 15 | 1400 | 0.32 | 100 | 6.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.32 | 0.10 | 5.98 | 70 | 0.23 | 0.37 | 35 | 1708 | 3775 | 144 | 5629 | 1400 | 15 |
| 16 | 1400 | 0.22 | 100 | 6.59 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 6.02 | 70 | 0.15 | 0.28 | 36 | 1829 | 2601 | 97 | 4528 | 1400 | 16 |
| 17 | 1400 | 0.09 | 100 | 6.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 6.02 | 70 | 0.06 | 0.23 | 39 | 1947 | 1623 | 37 | 3609 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 6.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.96 | 70 | 0.00 | 0.18 | 42 | 2041 | 650 | 0 | 2692 | 1400 | 18 |
| 19 | 1400 | 0.30 | 100 | 6.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.30 | 0.10 | 5.86 | 69 | 0.21 | 0.19 | 46 | 2096 | 749 | 109 | 2955 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 6.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 5.89 | 69 | 0.03 | 0.15 | 46 | 2108 | 1264 | 15 | 3388 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 6.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.81 | 68 | 0.00 | 0.12 | 47 | 2086 | 411 | 0 | 2492 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 6.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.71 | 67 | 0.00 | 0.09 | 49 | 2017 | 53 | 0 | 2071 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 6.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.61 | 66 | 0.00 | 0.07 | 51 | 1922 | 3 | 0 | 1926 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 6.89 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.51 | 65 | 0.00 | 0.06 | 53 | 1800 | 0 | 0 | 1801 | 1400 | 24 |
| 25 | 1400 | 0.60 | 100 | 7.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.60 | 0.10 | 5.41 | 64 | 0.38 | 0.13 | 54 | 1663 | 1020 | 175 | 2858 | 1400 | 25 |
| 26 | 1400 | 0.10 | 100 | 7.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 5.60 | 66 | 0.07 | 0.11 | 49 | 1527 | 2050 | 34 | 3612 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 7.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.55 | 65 | 0.00 | 0.09 | 49 | 1409 | 758 | 0 | 2168 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 7.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.45 | 64 | 0.00 | 0.07 | 51 | 1311 | 108 | 0 | 1420 | 1400 | 28 |
| 29 | 1400 | 0.16 | 100 | 7.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.16 | 0.10 | 5.35 | 63 | 0.10 | 0.08 | 53 | 1227 | 284 | 47 | 1559 | 1400 | 29 |
| 30 | 1400 | 0.36 | 100 | 7.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 5.33 | 63 | 0.23 | 0.11 | 52 | 1153 | 1132 | 107 | 2394 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 7.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.41 | 64 | 0.00 | 0.09 | 50 | 1092 | 1252 | 0 | 2346 | 1400 | 31 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80561 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 0 | 0.00 | 1.60 | 0 | 2681 | 1997 | 476 | 5154 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 40 | 0.00 | 1.26 | 14 | 2680 | 1841 | 329 | 4851 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.90 | 39 | 0.00 | 0.99 | 17 | 2680 | 1304 | 62 | 4048 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.80 | 38 | 0.00 | 0.78 | 20 | 2680 | 609 | 4 | 3295 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.70 | 37 | 0.00 | 0.61 | 24 | 2679 | 184 | 0 | 2864 | 1400 | 5 |
| 6 | 1400 | 0.13 | 100 | 0.05 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 2.60 | 36 | 0.05 | 0.49 | 27 | 2677 | 112 | 14 | 2805 | 1400 | 6 |
| 7 | 1400 | 0.08 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 2.60 | 36 | 0.03 | 0.39 | 29 | 2673 | 291 | 35 | 3001 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.56 | 36 | 0.00 | 0.31 | 32 | 2667 | 463 | 22 | 3153 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.46 | 35 | 0.00 | 0.24 | 37 | 2657 | 387 | 4 | 3049 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.36 | 34 | 0.00 | 0.19 | 42 | 2644 | 183 | 0 | 2829 | 1400 | 10 |
| 11 | 1400 | 1.05 | 100 | 0.42 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.05 | 0.10 | 2.26 | 33 | 0.34 | 0.22 | 46 | 2626 | 444 | 80 | 3152 | 1400 | 11 |
| 12 | 1400 | 0.38 | 100 | 0.57 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 2.95 | 40 | 0.15 | 0.21 | 43 | 2603 | 1529 | 183 | 4317 | 1400 | 12 |
| 13 | 1400 | 0.71 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.71 | 0.10 | 3.17 | 41 | 0.30 | 0.23 | 44 | 2576 | 2685 | 169 | 5432 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.53 | 45 | 0.00 | 0.18 | 43 | 2544 | 3025 | 145 | 5716 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.43 | 44 | 0.00 | 0.14 | 46 | 2508 | 2354 | 29 | 4892 | 1400 | 15 |
| 16 | 1400 | 0.29 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.29 | 0.10 | 3.33 | 43 | 0.13 | 0.14 | 48 | 2468 | 1315 | 30 | 3815 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.43 | 44 | 0.00 | 0.11 | 48 | 2425 | 839 | 52 | 3317 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.33 | 43 | 0.00 | 0.08 | 50 | 2379 | 701 | 11 | 3092 | 1400 | 18 |
| 19 | 1400 | 0.52 | 100 | 1.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.10 | 3.23 | 42 | 0.22 | 0.11 | 52 | 2332 | 618 | 47 | 2998 | 1400 | 19 |
| 20 | 1400 | 2.04 | 100 | 2.13 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.04 | 0.10 | 3.51 | 45 | 0.92 | 0.29 | 49 | 2283 | 1844 | 384 | 4513 | 1400 | 20 |
| 21 | 1400 | 0.36 | 100 | 2.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 4.61 | 56 | 0.20 | 0.27 | 38 | 2234 | 4543 | 615 | 7394 | 1400 | 21 |
| 22 | 1400 | 0.04 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.71 | 57 | 0.02 | 0.22 | 40 | 2185 | 5749 | 223 | 8157 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.64 | 56 | 0.00 | 0.17 | 44 | 2137 | 4038 | 41 | 6218 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.54 | 55 | 0.00 | 0.13 | 47 | 2092 | 1742 | 4 | 3839 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.44 | 54 | 0.00 | 0.10 | 48 | 2050 | 536 | 0 | 2587 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.34 | 53 | 0.00 | 0.08 | 50 | 2012 | 130 | 0 | 2143 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.24 | 52 | 0.00 | 0.06 | 52 | 1978 | 27 | 0 | 2006 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.14 | 51 | 0.00 | 0.05 | 54 | 1947 | 5 | 0 | 1953 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.04 | 50 | 0.00 | 0.04 | 55 | 1920 | 0 | 0 | 1921 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.94 | 49 | 0.00 | 0.03 | 56 | 1895 | 0 | 0 | 1895 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.84 | 48 | 0.00 | 0.02 | 57 | 1871 | 0 | 0 | 1872 | 1400 | 31 |

FORM 1315-5
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. 80381 INITIAL DATE, HOUR 1 JUL 1967 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN=AR | ML=AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROF | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 3.42 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 3.42 | 0.10 | 3.74 | 47 | 1.62 | 0.37 | 58 | 1849 | 1362 | 582 | 3794 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.52 | 65 | 0.00 | 0.29 | 34 | 1827 | 4691 | 1058 | 7578 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.42 | 64 | 0.00 | 0.23 | 36 | 1806 | 6070 | 229 | 8106 | 1400 | 3 |
| 4 | 1400 | 0.10 | 100 | 4.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 5.32 | 63 | 0.07 | 0.19 | 43 | 1787 | 3798 | 3 | 5620 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 4.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.27 | 63 | 0.00 | 0.15 | 45 | 1771 | 1501 | 30 | 3303 | 1400 | 5 |
| 6 | 1400 | 0.04 | 100 | 4.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 5.17 | 62 | 0.03 | 0.12 | 47 | 1759 | 683 | 12 | 2456 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 4.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.09 | 61 | 0.00 | 0.10 | 49 | 1752 | 376 | 11 | 2141 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 4.09 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.99 | 60 | 0.02 | 0.08 | 50 | 1750 | 231 | 6 | 1989 | 1400 | 8 |
| 9 | 1400 | 0.59 | 100 | 4.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.59 | 0.10 | 4.91 | 59 | 0.35 | 0.14 | 52 | 1752 | 532 | 80 | 2354 | 1400 | 9 |
| 10 | 1400 | 1.23 | 100 | 5.19 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.23 | 0.10 | 5.12 | 61 | 0.75 | 0.27 | 40 | 1757 | 2126 | 368 | 4253 | 1400 | 10 |
| 11 | 1400 | 0.71 | 100 | 5.66 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.71 | 0.10 | 5.58 | 66 | 0.47 | 0.31 | 39 | 1766 | 4955 | 596 | 7319 | 1400 | 11 |
| 12 | 1400 | 0.75 | 100 | 6.17 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.75 | 0.10 | 5.80 | 68 | 0.51 | 0.35 | 36 | 1777 | 7209 | 526 | 9514 | 1400 | 12 |
| 13 | 1400 | 1.62 | 100 | 7.20 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.62 | 0.10 | 6.01 | 70 | 1.14 | 0.52 | 34 | 1792 | 8864 | 1056 | 11714 | 1400 | 13 |
| 14 | 1400 | 0.58 | 100 | 7.74 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.58 | 0.10 | 6.48 | 75 | 0.43 | 0.50 | 29 | 1811 | 11063 | 1462 | 14336 | 1400 | 14 |
| 15 | 1400 | 0.46 | 100 | 8.09 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.46 | 0.10 | 6.60 | 76 | 0.35 | 0.47 | 29 | 1834 | 11812 | 682 | 14329 | 1400 | 15 |
| 16 | 1400 | 0.32 | 100 | 8.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.32 | 0.10 | 6.67 | 77 | 0.24 | 0.42 | 30 | 1862 | 9774 | 362 | 11999 | 1400 | 16 |
| 17 | 1400 | 0.13 | 100 | 8.43 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 6.69 | 77 | 0.10 | 0.35 | 31 | 1896 | 6920 | 212 | 9030 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 8.43 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.64 | 76 | 0.00 | 0.28 | 34 | 1937 | 4408 | 84 | 6430 | 1400 | 18 |
| 19 | 1400 | 0.31 | 100 | 8.67 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 6.54 | 75 | 0.24 | 0.27 | 39 | 1983 | 2569 | 76 | 4630 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 8.70 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.56 | 76 | 0.03 | 0.22 | 40 | 2035 | 1937 | 123 | 4097 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 8.70 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.47 | 75 | 0.00 | 0.17 | 44 | 2091 | 1720 | 39 | 3853 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 8.70 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.37 | 74 | 0.00 | 0.13 | 46 | 2150 | 1056 | 5 | 3213 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 8.70 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.27 | 73 | 0.00 | 0.11 | 48 | 2211 | 392 | 0 | 2604 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 8.70 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.17 | 72 | 0.00 | 0.08 | 50 | 2270 | 105 | 0 | 2376 | 1400 | 24 |
| 25 | 1400 | 0.63 | 100 | 9.14 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.63 | 0.10 | 6.07 | 71 | 0.45 | 0.16 | 52 | 2328 | 471 | 93 | 2893 | 1400 | 25 |
| 26 | 1400 | 0.10 | 100 | 9.22 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 6.23 | 72 | 0.08 | 0.14 | 47 | 2381 | 1632 | 186 | 4201 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 9.22 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.17 | 72 | 0.00 | 0.11 | 48 | 2430 | 2287 | 68 | 4787 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 9.22 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.07 | 71 | 0.00 | 0.09 | 49 | 2473 | 1598 | 9 | 4081 | 1400 | 28 |
| 29 | 1400 | 0.17 | 100 | 9.34 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 5.97 | 70 | 0.12 | 0.09 | 51 | 2509 | 752 | 25 | 3288 | 1400 | 29 |
| 30 | 1400 | 0.38 | 100 | 9.60 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 5.95 | 69 | 0.26 | 0.13 | 51 | 2538 | 856 | 101 | 3496 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 9.60 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.02 | 70 | 0.00 | 0.10 | 48 | 2560 | 1501 | 111 | 4174 | 1400 | 31 |

FORM 1113-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | %CA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1967 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 0 | 0.00 | 2.00 | 0 | 1476 | 1058 | 296 | 2830 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 40 | 0.00 | 1.57 | 10 | 1475 | 975 | 204 | 2656 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.90 | 39 | 0.00 | 1.23 | 14 | 1475 | 691 | 38 | 2206 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.80 | 38 | 0.00 | 0.97 | 18 | 1475 | 323 | 2 | 1802 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.70 | 37 | 0.00 | 0.76 | 21 | 1475 | 97 | 0 | 1573 | 1400 | 5 |
| 6 | 1400 | 0.13 | 100 | 0.05 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 2.60 | 36 | 0.05 | 0.61 | 24 | 1474 | 66 | 8 | 1549 | 1400 | 6 |
| 7 | 1400 | 0.08 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 2.60 | 36 | 0.03 | 0.48 | 27 | 1471 | 180 | 22 | 1675 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.56 | 36 | 0.00 | 0.38 | 29 | 1468 | 288 | 13 | 1771 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.46 | 35 | 0.00 | 0.30 | 33 | 1463 | 241 | 2 | 1707 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.36 | 34 | 0.00 | 0.24 | 37 | 1455 | 114 | 0 | 1570 | 1400 | 10 |
| 11 | 1400 | 1.05 | 100 | 0.42 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.05 | 0.10 | 2.26 | 33 | 0.34 | 0.26 | 42 | 1446 | 282 | 51 | 1780 | 1400 | 11 |
| 12 | 1400 | 0.38 | 100 | 0.57 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 2.95 | 40 | 0.15 | 0.23 | 40 | 1433 | 973 | 116 | 2524 | 1400 | 12 |
| 13 | 1400 | 0.71 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.71 | 0.10 | 3.13 | 41 | 0.30 | 0.25 | 42 | 1418 | 1704 | 106 | 3230 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.53 | 45 | 0.00 | 0.19 | 41 | 1400 | 1909 | 91 | 3402 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.43 | 44 | 0.00 | 0.15 | 45 | 1380 | 1479 | 18 | 2879 | 1400 | 15 |
| 16 | 1400 | 0.29 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.29 | 0.10 | 3.33 | 43 | 0.13 | 0.15 | 47 | 1358 | 822 | 18 | 2200 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.43 | 44 | 0.00 | 0.12 | 48 | 1335 | 517 | 51 | 1885 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.33 | 43 | 0.00 | 0.09 | 49 | 1310 | 428 | 6 | 1746 | 1400 | 18 |
| 19 | 1400 | 0.52 | 100 | 1.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.10 | 3.23 | 42 | 0.22 | 0.12 | 51 | 1284 | 376 | 28 | 1690 | 1400 | 19 |
| 20 | 1400 | 2.04 | 100 | 2.13 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.04 | 0.10 | 3.51 | 45 | 0.92 | 0.29 | 49 | 1257 | 1118 | 232 | 2610 | 1400 | 20 |
| 21 | 1400 | 0.36 | 100 | 2.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 4.61 | 56 | 0.20 | 0.27 | 38 | 1231 | 2749 | 372 | 4353 | 1400 | 21 |
| 22 | 1400 | 0.04 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.71 | 57 | 0.02 | 0.22 | 39 | 1204 | 3475 | 134 | 4815 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.64 | 56 | 0.00 | 0.17 | 44 | 1178 | 2440 | 25 | 3644 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.54 | 55 | 0.00 | 0.13 | 46 | 1154 | 1052 | 2 | 2210 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.44 | 54 | 0.00 | 0.11 | 48 | 1132 | 323 | 0 | 1456 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.34 | 53 | 0.00 | 0.08 | 50 | 1112 | 78 | 0 | 1191 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.24 | 52 | 0.00 | 0.07 | 52 | 1095 | 16 | 0 | 1112 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.14 | 51 | 0.00 | 0.05 | 53 | 1079 | 3 | 0 | 1083 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.04 | 50 | 0.00 | 0.04 | 55 | 1066 | 0 | 0 | 1067 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.94 | 49 | 0.00 | 0.03 | 56 | 1054 | 0 | 0 | 1055 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.84 | 48 | 0.00 | 0.02 | 57 | 1043 | 0 | 0 | 1044 | 1400 | 31 |



FORM 1417-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 3.42 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 3.42 | 0.10 | 3.74 | 47 | 1.62 | 0.37 | 56 | 1033 | 819 | 350 | 2203 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.52 | 65 | 0.00 | 0.29 | 34 | 1023 | 2821 | 637 | 4482 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.42 | 64 | 0.00 | 0.23 | 38 | 1013 | 3650 | 138 | 4802 | 1400 | 3 |
| 4 | 1400 | 0.10 | 100 | 4.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 5.32 | 63 | 0.07 | 0.19 | 43 | 1005 | 2284 | 20 | 3311 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 4.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.27 | 63 | 0.00 | 0.15 | 45 | 999 | 902 | 18 | 1921 | 1400 | 5 |
| 6 | 1400 | 0.04 | 100 | 4.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 5.17 | 62 | 0.03 | 0.12 | 47 | 995 | 410 | 7 | 1414 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 4.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.09 | 61 | 0.00 | 0.10 | 49 | 994 | 226 | 6 | 1228 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 4.09 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.99 | 60 | 0.02 | 0.08 | 50 | 995 | 139 | 4 | 1140 | 1400 | 8 |
| 9 | 1400 | 0.61 | 100 | 4.45 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.61 | 0.10 | 4.91 | 59 | 0.36 | 0.14 | 52 | 999 | 323 | 50 | 1374 | 1400 | 9 |
| 10 | 1400 | 1.28 | 100 | 5.24 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.28 | 0.10 | 5.14 | 61 | 0.79 | 0.28 | 48 | 1006 | 1333 | 235 | 2575 | 1400 | 10 |
| 11 | 1400 | 0.74 | 100 | 5.73 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.74 | 0.10 | 5.61 | 66 | 0.49 | 0.32 | 39 | 1014 | 3118 | 386 | 2519 | 1400 | 11 |
| 12 | 1400 | 0.78 | 100 | 6.26 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.78 | 0.10 | 5.84 | 68 | 0.53 | 0.37 | 36 | 1023 | 4551 | 346 | 5922 | 1400 | 12 |
| 13 | 1400 | 1.69 | 100 | 7.46 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.69 | 0.10 | 6.06 | 71 | 1.20 | 0.55 | 34 | 1035 | 5615 | 705 | 7356 | 1400 | 13 |
| 14 | 1400 | 0.61 | 100 | 7.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.61 | 0.10 | 6.54 | 75 | 0.46 | 0.53 | 28 | 1049 | 7018 | 980 | 9047 | 1400 | 14 |
| 15 | 1400 | 0.48 | 100 | 8.28 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.48 | 0.10 | 6.66 | 77 | 0.37 | 0.49 | 28 | 1065 | 7493 | 454 | 9014 | 1400 | 15 |
| 16 | 1400 | 0.33 | 100 | 8.54 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.33 | 0.10 | 6.74 | 77 | 0.25 | 0.44 | 29 | 1085 | 6202 | 239 | 7528 | 1400 | 16 |
| 17 | 1400 | 0.13 | 100 | 8.64 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 6.76 | 78 | 0.10 | 0.37 | 31 | 1109 | 4395 | 137 | 5642 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 8.64 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.71 | 77 | 0.00 | 0.29 | 34 | 1136 | 2804 | 54 | 3995 | 1400 | 18 |
| 19 | 1400 | 0.31 | 100 | 8.88 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 6.61 | 76 | 0.24 | 0.28 | 38 | 1167 | 1630 | 47 | 2846 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 8.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.63 | 76 | 0.03 | 0.23 | 39 | 1202 | 1213 | 76 | 2492 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 8.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.54 | 75 | 0.00 | 0.18 | 43 | 1239 | 1066 | 24 | 2331 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 8.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.44 | 74 | 0.00 | 0.14 | 46 | 1278 | 653 | 3 | 1935 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 8.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.34 | 73 | 0.00 | 0.11 | 48 | 1317 | 242 | 0 | 1560 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 8.91 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.24 | 72 | 0.00 | 0.09 | 50 | 1357 | 64 | 0 | 1422 | 1400 | 24 |
| 25 | 1400 | 0.63 | 100 | 9.36 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.63 | 0.10 | 6.14 | 71 | 0.45 | 0.16 | 51 | 1394 | 288 | 56 | 1740 | 1400 | 25 |
| 26 | 1400 | 0.10 | 100 | 9.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 6.30 | 73 | 0.08 | 0.15 | 47 | 1430 | 997 | 114 | 2542 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 9.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.24 | 72 | 0.00 | 0.11 | 48 | 1462 | 1397 | 41 | 2901 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 9.44 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.14 | 71 | 0.00 | 0.09 | 49 | 1491 | 975 | 5 | 2473 | 1400 | 28 |
| 29 | 1400 | 0.17 | 100 | 9.56 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 6.04 | 70 | 0.12 | 0.10 | 51 | 1515 | 459 | 15 | 1990 | 1400 | 29 |
| 30 | 1400 | 0.38 | 100 | 9.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 6.01 | 70 | 0.27 | 0.13 | 50 | 1535 | 521 | 61 | 2118 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 9.82 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.08 | 71 | 0.00 | 0.10 | 48 | 1550 | 913 | 68 | 2533 | 1400 | 31 |



FORM 2115-S
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1967 | | | | | | | | | | | | | | | | | | | | | | | JUL 1967 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 0 | 0.00 | 1.90 | 0 | 784 | 563 | 168 | 1515 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 9 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.00 | 40 | 0.00 | 1.49 | 11 | 783 | 519 | 116 | 1419 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.90 | 39 | 0.00 | 1.17 | 15 | 783 | 367 | 22 | 1174 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.80 | 38 | 0.00 | 0.92 | 18 | 783 | 171 | 1 | 957 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.70 | 37 | 0.00 | 0.72 | 21 | 783 | 51 | 0 | 836 | 1400 | 5 |
| 6 | 1400 | 0.13 | 100 | 0.05 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 2.60 | 36 | 0.05 | 0.58 | 25 | 782 | 35 | 4 | 824 | 1400 | 6 |
| 7 | 1400 | 0.08 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 2.60 | 36 | 0.03 | 0.46 | 27 | 781 | 98 | 11 | 892 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.56 | 36 | 0.00 | 0.36 | 30 | 779 | 156 | 7 | 945 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.46 | 35 | 0.00 | 0.28 | 34 | 777 | 131 | 1 | 910 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.08 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.36 | 34 | 0.00 | 0.22 | 38 | 773 | 62 | 0 | 836 | 1400 | 10 |
| 11 | 1400 | 1.05 | 100 | 0.42 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.05 | 0.10 | 2.26 | 33 | 0.34 | 0.25 | 43 | 768 | 152 | 27 | 949 | 1400 | 11 |
| 12 | 1400 | 0.38 | 100 | 0.57 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 2.95 | 40 | 0.15 | 0.23 | 41 | 761 | 526 | 63 | 1352 | 1400 | 12 |
| 13 | 1400 | 0.71 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.71 | 0.10 | 3.13 | 41 | 0.30 | 0.24 | 43 | 753 | 923 | 58 | 1735 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.53 | 45 | 0.00 | 0.19 | 42 | 744 | 1036 | 49 | 1830 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.86 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.43 | 44 | 0.00 | 0.15 | 45 | 733 | 803 | 9 | 1547 | 1400 | 15 |
| 16 | 1400 | 0.29 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.29 | 0.10 | 3.33 | 43 | 0.13 | 0.14 | 48 | 721 | 447 | 10 | 1180 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.43 | 44 | 0.00 | 0.11 | 48 | 709 | 282 | 17 | 1010 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.99 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.33 | 43 | 0.00 | 0.09 | 49 | 696 | 234 | 3 | 935 | 1400 | 18 |
| 19 | 1400 | 0.52 | 100 | 1.21 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.52 | 0.10 | 3.23 | 42 | 0.22 | 0.12 | 51 | 683 | 206 | 15 | 905 | 1400 | 19 |
| 20 | 1400 | 2.04 | 100 | 2.13 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 2.04 | 0.10 | 3.51 | 45 | 0.92 | 0.29 | 49 | 669 | 613 | 127 | 1410 | 1400 | 20 |
| 21 | 1400 | 0.36 | 100 | 2.33 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 4.61 | 56 | 0.20 | 0.27 | 38 | 655 | 1507 | 204 | 2367 | 1400 | 21 |
| 22 | 1400 | 0.04 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 4.71 | 57 | 0.02 | 0.22 | 39 | 641 | 1906 | 73 | 2622 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.64 | 56 | 0.00 | 0.17 | 44 | 628 | 1338 | 13 | 1981 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.54 | 55 | 0.00 | 0.13 | 46 | 615 | 577 | 1 | 1195 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.44 | 54 | 0.00 | 0.11 | 48 | 604 | 177 | 0 | 782 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.34 | 53 | 0.00 | 0.08 | 50 | 594 | 43 | 0 | 638 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.24 | 52 | 0.00 | 0.07 | 52 | 585 | 9 | 0 | 595 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.14 | 51 | 0.00 | 0.05 | 53 | 578 | 1 | 0 | 580 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.04 | 50 | 0.00 | 0.04 | 55 | 572 | 0 | 0 | 572 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.94 | 49 | 0.00 | 0.03 | 56 | 566 | 0 | 0 | 567 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.35 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 3.84 | 48 | 0.00 | 0.02 | 57 | 561 | 0 | 0 | 561 | 1400 | 31 |



FORM 1411-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
80381 1 JUL 1967 1400 0 SUSITNA HEP AUG 8-17 '67 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.000 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1967 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1967 |
| 1 | 1400 | 3.42 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 3.42 | 0.10 | 3.74 | 47 | 1.62 | 0.37 | 58 | 556 | 449 | 192 | 1199 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.52 | 65 | 0.00 | 0.29 | 34 | 551 | 1549 | 349 | 2451 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.98 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.42 | 64 | 0.00 | 0.23 | 38 | 547 | 2005 | 75 | 2628 | 1400 | 3 |
| 4 | 1400 | 0.10 | 100 | 4.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 5.32 | 63 | 0.07 | 0.19 | 43 | 543 | 1254 | 11 | 1810 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 4.04 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.27 | 63 | 0.00 | 0.15 | 45 | 540 | 495 | 10 | 1047 | 1400 | 5 |
| 6 | 1400 | 0.04 | 100 | 4.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 5.17 | 62 | 0.03 | 0.12 | 47 | 539 | 225 | 4 | 769 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 4.07 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.09 | 61 | 0.00 | 0.10 | 49 | 539 | 124 | 3 | 668 | 1400 | 7 |
| 8 | 1400 | 0.03 | 100 | 4.09 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 4.99 | 60 | 0.02 | 0.08 | 50 | 540 | 75 | 2 | 619 | 1400 | 8 |
| 9 | 1400 | 0.54 | 100 | 4.40 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.54 | 0.10 | 4.91 | 59 | 0.32 | 0.13 | 52 | 543 | 159 | 24 | 728 | 1400 | 9 |
| 10 | 1400 | 1.13 | 100 | 5.09 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.13 | 0.10 | 5.10 | 61 | 0.69 | 0.25 | 48 | 547 | 640 | 107 | 1296 | 1400 | 10 |
| 11 | 1400 | 0.65 | 100 | 5.51 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.65 | 0.10 | 5.52 | 65 | 0.42 | 0.29 | 41 | 552 | 1484 | 167 | 2205 | 1400 | 11 |
| 12 | 1400 | 0.68 | 100 | 5.97 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.60 | 0.10 | 5.72 | 67 | 0.46 | 0.32 | 38 | 558 | 2144 | 141 | 2844 | 1400 | 12 |
| 13 | 1400 | 1.48 | 100 | 7.00 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 1.48 | 0.10 | 5.92 | 69 | 1.03 | 0.47 | 36 | 564 | 2614 | 282 | 3461 | 1400 | 13 |
| 14 | 1400 | 0.53 | 100 | 7.39 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.53 | 0.10 | 6.35 | 74 | 0.39 | 0.46 | 30 | 572 | 3248 | 391 | 4212 | 1400 | 14 |
| 15 | 1400 | 0.42 | 100 | 7.71 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.42 | 0.10 | 6.47 | 75 | 0.32 | 0.43 | 30 | 581 | 3465 | 184 | 4231 | 1400 | 15 |
| 16 | 1400 | 0.29 | 100 | 7.92 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.29 | 0.10 | 6.53 | 75 | 0.22 | 0.38 | 31 | 591 | 2864 | 101 | 3557 | 1400 | 16 |
| 17 | 1400 | 0.12 | 100 | 8.01 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.10 | 6.54 | 75 | 0.09 | 0.32 | 33 | 603 | 2022 | 61 | 2687 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 8.01 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.49 | 75 | 0.00 | 0.25 | 36 | 617 | 1284 | 24 | 1926 | 1400 | 18 |
| 19 | 1400 | 0.31 | 100 | 8.24 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 6.39 | 74 | 0.23 | 0.25 | 41 | 632 | 753 | 23 | 1410 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 8.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.41 | 74 | 0.03 | 0.20 | 41 | 649 | 586 | 38 | 1275 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 8.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.33 | 73 | 0.00 | 0.16 | 45 | 667 | 532 | 12 | 1213 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 8.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.23 | 72 | 0.00 | 0.12 | 47 | 686 | 329 | 1 | 1017 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 8.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.13 | 71 | 0.00 | 0.10 | 49 | 705 | 122 | 0 | 828 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 8.27 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.03 | 70 | 0.00 | 0.08 | 50 | 723 | 32 | 0 | 757 | 1400 | 24 |
| 25 | 1400 | 0.63 | 100 | 8.71 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.63 | 0.10 | 5.93 | 69 | 0.44 | 0.15 | 52 | 741 | 150 | 29 | 922 | 1400 | 25 |
| 26 | 1400 | 0.10 | 100 | 8.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 6.10 | 71 | 0.07 | 0.14 | 47 | 758 | 521 | 59 | 1339 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 8.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.04 | 70 | 0.00 | 0.11 | 48 | 773 | 730 | 21 | 1526 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 8.79 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.94 | 69 | 0.00 | 0.08 | 50 | 786 | 511 | 3 | 1300 | 1400 | 28 |
| 29 | 1400 | 0.17 | 100 | 8.90 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 5.84 | 68 | 0.11 | 0.09 | 52 | 797 | 241 | 8 | 1047 | 1400 | 29 |
| 30 | 1400 | 0.38 | 100 | 9.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 5.82 | 68 | 0.26 | 0.13 | 51 | 806 | 275 | 32 | 1114 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 9.16 | 0.00 | 0 | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.89 | 69 | 0.00 | 0.10 | 49 | 812 | 483 | 36 | 1332 | 1400 | 31 |

FORM 1413-3
PRINTED IN U.S.A.

FORM 1111-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 67 1400 | 1,850. | | | 5,890. | | | 7,740. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 1,910. | | | 5,600. | | | 7,520. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 2,130. | | | 4,810. | | | 6,950. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 2,510. | | | 3,940. | | | 6,450. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 3,120. | | | 3,170. | | | 6,290. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 3,870. | | | 2,710. | | | 6,590. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 4,560. | | | 2,550. | | | 7,110. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 4,990. | | | 2,520. | | | 7,510. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 5,230. | | | 2,480. | | | 7,710. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 5,590. | | | 2,400. | | | 7,990. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 6,430. | | | 2,470. | | | 8,910. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 7,850. | | | 2,880. | | | 10,700. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 9,430. | | | 3,390. | | | 12,800. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 10,800. | | | 3,710. | | | 14,500. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 11,500. | | | 3,580. | | | 15,100. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 11,700. | | | 3,190. | | | 14,900. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 11,500. | | | 2,830. | | | 14,300. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 10,900. | | | 2,560. | | | 13,500. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 10,100. | | | 2,420. | | | 12,500. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 9,530. | | | 2,890. | | | 12,400. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 9,640. | | | 3,950. | | | 13,600. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 9,910. | | | 4,520. | | | 14,400. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 9,830. | | | 4,250. | | | 14,100. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 9,560. | | | 3,400. | | | 13,000. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 9,290. | | | 2,590. | | | 11,900. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 8,870. | | | 2,050. | | | 10,900. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 8,390. | | | 1,760. | | | 10,200. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 6,300. | | | 1,610. | | | 9,910. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 8,620. | | | 1,520. | | | 10,100. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 8,740. | | | 1,470. | | | 10,200. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 8,190. | | | 1,430. | | | 9,620. | | | 140 31 JUL 67 |

FORM 1211-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 7,710. | | | 2,220. | | | 9,930. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 8,520. | | | 3,840. | | | 12,400. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 9,730. | | | 4,450. | | | 14,200. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 10,200. | | | 4,110. | | | 14,300. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 9,660. | | | 3,120. | | | 12,800. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 8,920. | | | 2,270. | | | 11,200. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 8,460. | | | 1,760. | | | 10,200. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 8,310. | | | 1,480. | | | 9,780. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 8,310. | | | 1,540. | | | 9,850. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 8,570. | | | 2,400. | | | 11,000. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 9,150. | | | 3,980. | | | 13,100. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 9,660. | | | 5,450. | | | 15,100. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 10,100. | | | 7,160. | | | 17,200. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 10,600. | | | 8,840. | | | 19,500. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 11,000. | | | 9,180. | | | 20,100. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 10,700. | | | 8,650. | | | 19,400. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 10,000. | | | 7,300. | | | 17,300. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 9,140. | | | 5,660. | | | 14,800. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 8,230. | | | 4,170. | | | 12,400. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 7,670. | | | 3,170. | | | 10,800. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 7,470. | | | 2,550. | | | 10,000. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 7,310. | | | 2,120. | | | 9,420. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 6,930. | | | 1,770. | | | 8,700. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 6,360. | | | 1,560. | | | 7,920. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 5,750. | | | 1,640. | | | 7,380. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 5,380. | | | 2,050. | | | 7,430. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 5,260. | | | 2,380. | | | 7,640. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 5,230. | | | 2,370. | | | 7,600. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 5,080. | | | 2,150. | | | 7,230. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 4,810. | | | 2,100. | | | 6,910. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 4,520. | | | 2,250. | | | 6,770. | | | 140 31 AUG 67 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 5.5 30-100 SOUT DENALI GAGE TO DENALI DAMSITE LOCAL FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 8.0 DENALI DAMSITE 312 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 10.0 DENALI DAMSITE 1260 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 7,740. | | | 1,310. | | | 9,050. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 7,630. | | | 821. | | | 8,450. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 7,230. | | | 583. | | | 7,820. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 6,700. | | | 532. | | | 7,230. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 6,370. | | | 527. | | | 6,900. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 6,440. | | | 573. | | | 7,010. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 6,850. | | | 627. | | | 7,470. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 7,310. | | | 580. | | | 7,890. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 7,610. | | | 521. | | | 8,130. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 7,850. | | | 503. | | | 8,350. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 8,450. | | | 759. | | | 9,210. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 9,820. | | | 1,010. | | | 10,800. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 11,800. | | | 953. | | | 12,700. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 13,700. | | | 840. | | | 14,500. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 14,800. | | | 520. | | | 15,300. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 15,000. | | | 523. | | | 15,500. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 14,600. | | | 552. | | | 15,200. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 13,900. | | | 433. | | | 14,300. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 13,000. | | | 529. | | | 13,500. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 12,500. | | | 1,160. | | | 13,600. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 13,000. | | | 1,450. | | | 14,500. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 14,000. | | | 792. | | | 14,800. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 14,300. | | | 434. | | | 14,700. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 13,500. | | | 346. | | | 13,900. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 12,400. | | | 330. | | | 12,700. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 11,400. | | | 323. | | | 11,700. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 10,500. | | | 318. | | | 10,900. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 10,000. | | | 313. | | | 10,300. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 10,000. | | | 308. | | | 10,300. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 10,200. | | | 303. | | | 10,500. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 9,920. | | | 297. | | | 10,200. | | | 140 31 JUL 67 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 9,770. | | | 1,190. | | | 11,000. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 11,100. | | | 1,640. | | | 12,800. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 13,300. | | | 575. | | | 13,800. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 14,200. | | | 345. | | | 14,600. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 13,500. | | | 347. | | | 13,900. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 12,000. | | | 308. | | | 12,300. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 10,700. | | | 305. | | | 11,000. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 10,000. | | | 305. | | | 10,300. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 9,820. | | | 648. | | | 10,500. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 10,400. | | | 1,640. | | | 12,000. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 12,000. | | | 2,210. | | | 14,300. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 14,100. | | | 2,070. | | | 16,200. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 16,200. | | | 3,050. | | | 19,200. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 18,300. | | | 3,400. | | | 21,700. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 19,800. | | | 2,310. | | | 22,100. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 19,700. | | | 1,720. | | | 21,500. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 18,300. | | | 1,220. | | | 19,600. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 16,100. | | | 722. | | | 16,800. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 13,600. | | | 641. | | | 14,200. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 11,600. | | | 740. | | | 12,400. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 10,400. | | | 555. | | | 11,000. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 9,720. | | | 493. | | | 10,200. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 9,060. | | | 503. | | | 9,570. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 8,310. | | | 522. | | | 8,830. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 7,650. | | | 827. | | | 8,480. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 7,410. | | | 1,050. | | | 8,460. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 7,540. | | | 738. | | | 8,270. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 7,620. | | | 590. | | | 8,210. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 7,410. | | | 645. | | | 8,060. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 7,070. | | | 856. | | | 7,920. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 6,840. | | | 857. | | | 7,690. | | | 140 31 AUG 67 |

FORM 1613-4
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 12.5 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 21.0 MACLAREN GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 9,050. | | | 1,730. | | | 406. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 8,750. | | | 1,200. | | | 472. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 8,130. | | | 839. | | | 611. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 7,520. | | | 762. | | | 805. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 7,060. | | | 756. | | | 1,090. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 6,950. | | | 815. | | | 1,350. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 7,240. | | | 886. | | | 1,510. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 7,680. | | | 832. | | | 1,560. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 8,010. | | | 764. | | | 1,600. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 8,240. | | | 747. | | | 1,800. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 8,780. | | | 1,080. | | | 2,230. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 10,000. | | | 1,410. | | | 2,790. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 11,800. | | | 1,340. | | | 3,250. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 13,600. | | | 1,210. | | | 3,530. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 14,900. | | | 805. | | | 3,560. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 15,400. | | | 815. | | | 3,460. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 15,300. | | | 858. | | | 3,310. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 14,800. | | | 706. | | | 3,030. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 13,900. | | | 835. | | | 2,740. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 13,600. | | | 1,680. | | | 2,760. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 14,000. | | | 2,070. | | | 3,030. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 14,600. | | | 1,200. | | | 3,060. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 14,700. | | | 715. | | | 2,870. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 14,300. | | | 590. | | | 2,770. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 13,300. | | | 562. | | | 2,690. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 12,200. | | | 547. | | | 2,480. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 11,300. | | | 533. | | | 2,360. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 10,600. | | | 521. | | | 2,510. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 10,300. | | | 509. | | | 2,690. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 10,400. | | | 498. | | | 2,560. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 10,300. | | | 487. | | | 2,170. | | | 140 31 JUL 67 |

FORM 1911-D

PRINTED IN U.S.A.

SUSITNA HEP AUG 8-17 '67 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 10,600. | | | 1,700. | | | 2,260. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 11,900. | | | 2,340. | | | 2,970. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 13,300. | | | 862. | | | 3,260. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 14,200. | | | 544. | | | 3,000. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 14,200. | | | 542. | | | 2,650. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 13,100. | | | 478. | | | 2,450. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 11,700. | | | 464. | | | 2,430. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 10,700. | | | 446. | | | 2,450. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 10,400. | | | 732. | | | 2,420. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 11,300. | | | 1,530. | | | 2,420. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 13,200. | | | 2,000. | | | 2,430. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 15,200. | | | 1,840. | | | 2,370. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 17,700. | | | 2,470. | | | 2,370. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 20,500. | | | 2,770. | | | 2,480. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 21,900. | | | 1,860. | | | 2,430. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 21,800. | | | 1,390. | | | 2,290. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 20,500. | | | 1,020. | | | 2,190. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 18,200. | | | 664. | | | 2,040. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 15,500. | | | 698. | | | 1,950. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 13,300. | | | 829. | | | 2,040. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 11,700. | | | 580. | | | 2,130. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 10,600. | | | 487. | | | 2,070. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 9,890. | | | 487. | | | 1,900. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 9,200. | | | 500. | | | 1,690. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 8,660. | | | 890. | | | 1,540. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 8,470. | | | 1,180. | | | 1,540. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 8,370. | | | 776. | | | 1,580. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 8,240. | | | 587. | | | 1,550. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 8,130. | | | 668. | | | 1,450. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 7,990. | | | 959. | | | 1,360. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 7,810. | | | 971. | | | 1,270. | | | 140 31 AUG 67 |

FORM 1413-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS-MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 67 1400 | 2,150. | | | 2,560. | | | 2,560. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 1,890. | | | 2,360. | | | 2,460. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 1,680. | | | 2,290. | | | 2,330. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 1,490. | | | 2,290. | | | 2,290. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 1,320. | | | 2,410. | | | 2,350. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 1,250. | | | 2,610. | | | 2,510. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 1,240. | | | 2,750. | | | 2,680. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 1,230. | | | 2,790. | | | 2,770. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 1,220. | | | 2,820. | | | 2,800. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 1,180. | | | 2,980. | | | 2,900. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 1,420. | | | 3,250. | | | 3,310. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 1,600. | | | 4,390. | | | 4,010. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 1,960. | | | 5,220. | | | 4,800. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 2,020. | | | 5,550. | | | 5,390. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 1,920. | | | 5,480. | | | 5,520. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 1,780. | | | 5,240. | | | 5,360. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 1,520. | | | 4,830. | | | 5,040. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 1,340. | | | 4,370. | | | 4,600. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 1,380. | | | 4,120. | | | 4,240. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 2,330. | | | 5,090. | | | 4,600. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 2,450. | | | 5,480. | | | 5,280. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 2,480. | | | 5,540. | | | 5,510. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 2,360. | | | 5,230. | | | 5,380. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 1,920. | | | 4,690. | | | 4,960. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 1,470. | | | 4,160. | | | 4,430. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 1,180. | | | 3,660. | | | 3,910. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 1,030. | | | 3,400. | | | 3,530. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 964. | | | 3,470. | | | 3,430. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 938. | | | 3,620. | | | 3,550. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 931. | | | 3,500. | | | 3,560. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 931. | | | 3,100. | | | 3,300. | | | 140 31 JUL 67 |

FORM 1413

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 2,440. | | | 4,710. | | | 3,900. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 2,260. | | | 5,230. | | | 4,960. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 2,190. | | | 5,450. | | | 5,340. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 2,160. | | | 5,160. | | | 5,300. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 1,760. | | | 4,400. | | | 4,780. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 1,430. | | | 3,080. | | | 4,140. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 1,230. | | | 3,660. | | | 3,770. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 1,120. | | | 3,570. | | | 3,620. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 1,230. | | | 3,650. | | | 3,610. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 1,690. | | | 4,100. | | | 3,880. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 2,090. | | | 4,520. | | | 4,310. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 2,550. | | | 4,920. | | | 4,720. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 3,580. | | | 5,960. | | | 5,440. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 3,630. | | | 6,100. | | | 6,050. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 3,570. | | | 6,000. | | | 6,050. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 3,380. | | | 5,670. | | | 5,830. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 2,910. | | | 5,100. | | | 5,380. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 2,380. | | | 4,420. | | | 4,760. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 2,080. | | | 4,030. | | | 4,230. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 1,800. | | | 3,840. | | | 3,940. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 1,640. | | | 3,770. | | | 3,800. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 1,520. | | | 3,590. | | | 3,680. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 1,410. | | | 3,310. | | | 3,450. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 1,330. | | | 3,020. | | | 3,160. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 1,510. | | | 3,050. | | | 3,030. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 1,600. | | | 3,140. | | | 3,100. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 1,670. | | | 3,250. | | | 3,200. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 1,670. | | | 3,220. | | | 3,240. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 1,620. | | | 3,070. | | | 3,150. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 1,660. | | | 3,020. | | | 3,050. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 1,640. | | | 2,910. | | | 2,970. | | | 140 31 AUG 67 |

FORM 1814
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 1,180. | | | 14,500. | | | 14,500. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 715. | | | 13,100. | | | 13,800. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 540. | | | 11,800. | | | 12,500. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 504. | | | 11,100. | | | 11,500. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 501. | | | 10,700. | | | 10,900. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 563. | | | 10,800. | | | 10,800. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 636. | | | 11,400. | | | 11,100. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 580. | | | 11,900. | | | 11,700. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 511. | | | 12,100. | | | 12,000. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 495. | | | 12,400. | | | 12,200. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 872. | | | 14,000. | | | 13,200. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 1,240. | | | 16,700. | | | 15,400. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 1,180. | | | 19,100. | | | 17,900. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 1,030. | | | 21,200. | | | 20,200. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 580. | | | 21,800. | | | 21,500. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 596. | | | 22,200. | | | 22,000. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 651. | | | 21,900. | | | 22,000. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 490. | | | 20,500. | | | 21,200. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 644. | | | 19,700. | | | 20,100. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 1,610. | | | 21,500. | | | 20,600. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 2,000. | | | 23,400. | | | 22,400. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 1,040. | | | 22,400. | | | 22,900. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 537. | | | 21,400. | | | 21,900. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 417. | | | 20,200. | | | 20,800. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 398. | | | 18,700. | | | 19,500. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 392. | | | 17,100. | | | 17,900. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 388. | | | 15,700. | | | 16,400. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 384. | | | 14,900. | | | 15,300. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 382. | | | 14,800. | | | 14,900. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 379. | | | 14,800. | | | 14,800. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 377. | | | 14,500. | | | 14,700. | | | 140 31 JUL 67 |

FORM 1311-D

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 1,640. | | | 17,800. | | | 16,200. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 2,220. | | | 21,400. | | | 19,600. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 770. | | | 20,300. | | | 20,800. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 459. | | | 20,500. | | | 20,400. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 462. | | | 20,000. | | | 20,300. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 408. | | | 18,100. | | | 19,100. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 401. | | | 16,300. | | | 17,200. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 399. | | | 15,100. | | | 15,700. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 838. | | | 15,600. | | | 15,300. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 2,150. | | | 18,800. | | | 17,200. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 2,960. | | | 22,400. | | | 20,600. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 2,950. | | | 24,700. | | | 23,600. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 4,640. | | | 30,300. | | | 27,500. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 5,000. | | | 34,300. | | | 32,300. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 3,390. | | | 33,200. | | | 33,800. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 2,510. | | | 31,500. | | | 32,400. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 1,740. | | | 28,700. | | | 30,100. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 945. | | | 24,500. | | | 26,600. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 806. | | | 21,200. | | | 22,900. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 943. | | | 19,000. | | | 20,100. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 620. | | | 16,700. | | | 17,800. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 504. | | | 15,300. | | | 16,000. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 506. | | | 14,300. | | | 14,800. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 525. | | | 13,400. | | | 13,900. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 965. | | | 13,500. | | | 13,500. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 1,300. | | | 14,000. | | | 13,800. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 845. | | | 13,200. | | | 13,600. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 640. | | | 12,700. | | | 12,900. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 728. | | | 12,700. | | | 12,700. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 1,040. | | | 13,000. | | | 12,900. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 1,050. | | | 12,800. | | | 12,900. | | | 140 31 AUG 67 |

FORM 1215

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 174. | | | 174. | | | 2,380. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 143. | | | 170. | | | 2,370. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 72. | | | 152. | | | 2,370. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 19. | | | 114. | | | 2,360. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 5. | | | 72. | | | 2,350. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 76. | | | 47. | | | 2,340. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 51. | | | 39. | | | 2,340. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 1. | | | 40. | | | 2,330. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 0. | | | 37. | | | 2,310. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 0. | | | 28. | | | 2,280. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 634. | | | 32. | | | 2,240. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 233. | | | 130. | | | 2,200. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 436. | | | 310. | | | 2,160. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 7. | | | 290. | | | 2,120. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 4. | | | 163. | | | 2,070. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 178. | | | 85. | | | 2,000. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 2. | | | 71. | | | 1,940. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 1. | | | 69. | | | 1,910. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 317. | | | 63. | | | 1,880. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 1,220. | | | 175. | | | 1,870. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 236. | | | 598. | | | 1,890. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 43. | | | 371. | | | 1,930. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 6. | | | 142. | | | 1,930. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 1. | | | 68. | | | 1,910. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 0. | | | 38. | | | 1,890. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 0. | | | 23. | | | 1,900. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 0. | | | 15. | | | 1,910. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 0. | | | 10. | | | 1,930. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 0. | | | 7. | | | 1,950. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 0. | | | 5. | | | 1,960. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 0. | | | 4. | | | 1,970. | | | 140 31 JUL 67 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 67 1400 | 2,030. | | | 8. | | | 1,960. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 35. | | | 253. | | | 1,960. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 26. | | | 373. | | | 1,980. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 70. | | | 107. | | | 1,950. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 2. | | | 59. | | | 1,870. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 26. | | | 45. | | | 1,810. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 0. | | | 34. | | | 1,780. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 31. | | | 26. | | | 1,760. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 521. | | | 34. | | | 1,750. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 1,080. | | | 184. | | | 1,760. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 640. | | | 691. | | | 1,780. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 678. | | | 725. | | | 1,820. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 1,400. | | | 891. | | | 1,840. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 561. | | | 998. | | | 1,860. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 449. | | | 644. | | | 1,900. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 299. | | | 439. | | | 1,920. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 123. | | | 307. | | | 1,930. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 6. | | | 181. | | | 1,950. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 191. | | | 112. | | | 2,000. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 28. | | | 97. | | | 2,080. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 2. | | | 88. | | | 2,200. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 1. | | | 59. | | | 2,320. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 0. | | | 35. | | | 2,430. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 0. | | | 21. | | | 2,520. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 380. | | | 19. | | | 2,580. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 66. | | | 51. | | | 2,610. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 3. | | | 104. | | | 2,610. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 1. | | | 84. | | | 2,560. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 102. | | | 50. | | | 2,470. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 229. | | | 49. | | | 2,360. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 2. | | | 82. | | | 2,240. | | | 140 31 AUG 67 |

FORM 1417-3
PRINTED IN U.S.A.

SUSITNA HEP AUG 8-17 '67 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 67 1400 | 17,100. | | | 17,100. | | | 1,690. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 16,400. | | | 16,700. | | | 1,070. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 15,000. | | | 15,700. | | | 653. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 13,900. | | | 14,500. | | | 556. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 13,300. | | | 13,600. | | | 534. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 13,100. | | | 13,200. | | | 725. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 13,500. | | | 13,300. | | | 952. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 14,000. | | | 13,800. | | | 735. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 14,300. | | | 14,200. | | | 466. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 14,500. | | | 14,400. | | | 381. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 15,500. | | | 15,000. | | | 1,550. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 17,700. | | | 16,600. | | | 2,720. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 20,400. | | | 19,000. | | | 2,600. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 22,600. | | | 21,500. | | | 2,170. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 23,800. | | | 23,200. | | | 757. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 24,100. | | | 23,900. | | | 897. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 24,100. | | | 24,100. | | | 1,160. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 23,200. | | | 23,600. | | | 703. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 22,100. | | | 22,600. | | | 1,290. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 22,600. | | | 22,300. | | | 4,750. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 24,900. | | | 23,800. | | | 6,130. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 25,200. | | | 25,100. | | | 3,040. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 24,000. | | | 24,600. | | | 1,380. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 22,800. | | | 23,400. | | | 1,090. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 21,400. | | | 22,100. | | | 1,150. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 19,800. | | | 20,600. | | | 1,210. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 18,300. | | | 19,100. | | | 1,240. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 17,300. | | | 17,800. | | | 1,240. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 16,800. | | | 17,100. | | | 1,190. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 16,800. | | | 16,800. | | | 1,120. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 16,700. | | | 16,700. | | | 1,030. | | | 140 31 JUL 67 |

FORM 1413-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 18,100. | | | 17,400. | | | 5,630. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 21,800. | | | 20,000. | | | 7,300. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 23,200. | | | 22,500. | | | 2,350. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 22,500. | | | 22,800. | | | 1,430. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 22,200. | | | 22,300. | | | 1,610. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 20,900. | | | 21,600. | | | 1,550. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 19,600. | | | 20,000. | | | 1,640. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 17,500. | | | 18,300. | | | 1,640. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 17,100. | | | 17,300. | | | 2,410. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 19,100. | | | 18,100. | | | 4,490. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 23,100. | | | 21,100. | | | 5,600. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 26,100. | | | 24,600. | | | 5,160. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 30,200. | | | 28,200. | | | 7,020. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 35,100. | | | 32,700. | | | 7,760. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 36,300. | | | 35,700. | | | 5,630. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 34,700. | | | 35,500. | | | 4,530. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 32,300. | | | 33,500. | | | 3,610. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 28,700. | | | 30,500. | | | 2,690. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 25,000. | | | 26,900. | | | 2,960. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 22,300. | | | 23,700. | | | 3,390. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 20,100. | | | 21,200. | | | 2,490. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 18,400. | | | 19,200. | | | 2,070. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 17,300. | | | 17,800. | | | 1,930. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 16,400. | | | 16,800. | | | 1,800. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 16,100. | | | 16,200. | | | 2,860. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 16,500. | | | 16,300. | | | 3,610. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 16,300. | | | 16,400. | | | 2,170. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 15,600. | | | 16,000. | | | 1,420. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 15,200. | | | 15,400. | | | 1,560. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 15,300. | | | 15,200. | | | 2,390. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 15,200. | | | 15,200. | | | 2,350. | | | 140 31 AUG 67 |

FORM 1413-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 40.0 SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 42.5 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 46.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 18,800. | | | 18,800. | | | 5,150. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 17,800. | | | 18,300. | | | 4,850. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 16,300. | | | 17,100. | | | 4,050. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 15,000. | | | 15,700. | | | 3,300. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 14,200. | | | 14,600. | | | 2,860. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 13,900. | | | 14,000. | | | 2,800. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 14,300. | | | 14,100. | | | 3,000. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 14,500. | | | 14,400. | | | 3,150. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 14,600. | | | 14,600. | | | 3,050. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 14,800. | | | 14,700. | | | 2,830. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 16,600. | | | 15,700. | | | 3,150. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 19,300. | | | 17,900. | | | 4,320. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 21,600. | | | 20,500. | | | 5,430. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 23,600. | | | 22,600. | | | 5,720. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 23,900. | | | 23,800. | | | 4,890. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 24,800. | | | 24,400. | | | 3,810. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 25,200. | | | 25,000. | | | 3,320. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 24,300. | | | 24,800. | | | 3,090. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 23,900. | | | 24,100. | | | 3,000. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 27,100. | | | 25,500. | | | 4,510. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 29,900. | | | 28,500. | | | 7,390. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 28,100. | | | 29,000. | | | 8,160. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 26,000. | | | 27,000. | | | 6,220. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 24,500. | | | 25,200. | | | 3,840. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 23,200. | | | 23,900. | | | 2,590. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 21,800. | | | 22,500. | | | 2,140. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 20,300. | | | 21,100. | | | 2,010. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 19,000. | | | 19,700. | | | 1,950. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 18,200. | | | 18,600. | | | 1,920. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 17,900. | | | 18,100. | | | 1,900. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 17,800. | | | 17,800. | | | 1,870. | | | 140 31 JUL 67 |

FORM 1411-5

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

STATION 40.0 — SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
STATION 42.5 — 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
STATION 48.0 — WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 67 1400 | 23,000. | | | 20,400. | | | 3,790. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 27,300. | | | 25,200. | | | 7,580. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 24,900. | | | 26,100. | | | 8,110. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 24,300. | | | 24,600. | | | 5,620. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 23,900. | | | 24,100. | | | 3,300. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 23,100. | | | 23,500. | | | 2,460. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 21,600. | | | 22,400. | | | 2,140. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 19,900. | | | 20,700. | | | 1,990. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 19,700. | | | 19,800. | | | 2,350. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 22,600. | | | 21,200. | | | 4,250. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 26,700. | | | 24,700. | | | 7,320. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 29,800. | | | 28,200. | | | 9,510. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 35,200. | | | 32,500. | | | 11,700. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 40,400. | | | 37,800. | | | 14,300. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 41,300. | | | 40,900. | | | 14,300. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 40,100. | | | 40,700. | | | 12,000. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 37,100. | | | 38,600. | | | 9,030. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 33,200. | | | 35,200. | | | 6,430. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 29,800. | | | 31,500. | | | 4,630. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 27,000. | | | 28,400. | | | 4,100. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 23,700. | | | 25,400. | | | 3,850. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 21,300. | | | 22,500. | | | 3,210. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 19,700. | | | 20,500. | | | 2,600. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 18,600. | | | 19,200. | | | 2,380. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 19,100. | | | 18,900. | | | 2,890. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 19,900. | | | 19,500. | | | 4,200. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 18,600. | | | 19,200. | | | 4,790. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 17,400. | | | 18,000. | | | 4,080. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 17,000. | | | 17,200. | | | 3,290. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 17,600. | | | 17,300. | | | 3,500. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 17,600. | | | 17,600. | | | 4,170. | | | 140 31 AUG 67 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 50.0 WATANA DAM SITE 5180 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 23,900. | | | 23,900. | | | 2,830. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 23,100. | | | 23,500. | | | 2,660. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 21,100. | | | 22,100. | | | 2,210. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 19,000. | | | 20,000. | | | 1,800. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 17,500. | | | 18,200. | | | 1,570. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 16,900. | | | 17,200. | | | 1,550. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 17,100. | | | 17,000. | | | 1,670. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 17,500. | | | 17,300. | | | 1,770. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 17,600. | | | 17,600. | | | 1,710. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 17,600. | | | 17,600. | | | 1,570. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 18,800. | | | 18,200. | | | 1,780. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 22,200. | | | 20,500. | | | 2,520. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 25,900. | | | 24,100. | | | 3,230. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 28,300. | | | 27,100. | | | 3,400. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 28,700. | | | 28,500. | | | 2,880. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 28,200. | | | 28,400. | | | 2,200. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 28,300. | | | 28,300. | | | 1,880. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 27,900. | | | 28,100. | | | 1,750. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 27,100. | | | 27,500. | | | 1,690. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 30,000. | | | 28,600. | | | 2,610. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 35,900. | | | 32,900. | | | 4,350. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 37,200. | | | 36,500. | | | 4,810. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 33,200. | | | 35,200. | | | 3,640. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 29,000. | | | 31,100. | | | 2,210. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 26,400. | | | 27,700. | | | 1,460. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 24,700. | | | 25,600. | | | 1,190. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 23,100. | | | 23,900. | | | 1,110. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 21,600. | | | 22,400. | | | 1,080. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 20,600. | | | 21,100. | | | 1,070. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 20,000. | | | 20,300. | | | 1,050. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 19,700. | | | 19,800. | | | 1,040. | | | 140 31 JUL 67 |

FORM 1413-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA DAM SITE 5180 SQ MI | | | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 24,200. | | | 21,900. | | | 2,200. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 32,700. | | | 28,500. | | | 4,480. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 34,200. | | | 33,500. | | | 4,800. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 30,200. | | | 32,200. | | | 3,310. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 27,400. | | | 28,800. | | | 1,920. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 26,000. | | | 26,700. | | | 1,410. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 24,500. | | | 25,200. | | | 1,230. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 22,700. | | | 23,600. | | | 1,140. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 22,200. | | | 22,400. | | | 1,370. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 25,400. | | | 23,800. | | | 2,580. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 32,000. | | | 28,700. | | | 4,520. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 37,800. | | | 34,900. | | | 5,920. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 44,200. | | | 41,000. | | | 7,360. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 52,200. | | | 48,200. | | | 9,050. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 55,200. | | | 53,700. | | | 9,010. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 52,700. | | | 54,000. | | | 7,530. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 47,600. | | | 50,200. | | | 5,640. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 41,600. | | | 44,600. | | | 4,000. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 36,100. | | | 38,900. | | | 2,850. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 32,500. | | | 34,300. | | | 2,490. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 29,200. | | | 30,900. | | | 2,330. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 25,700. | | | 27,500. | | | 1,930. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 23,100. | | | 24,400. | | | 1,560. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 21,600. | | | 22,300. | | | 1,420. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 21,800. | | | 21,700. | | | 1,740. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 23,700. | | | 22,700. | | | 2,540. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 24,000. | | | 23,800. | | | 2,900. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 22,100. | | | 23,000. | | | 2,470. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 20,500. | | | 21,300. | | | 1,990. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 20,800. | | | 20,600. | | | 2,120. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 21,800. | | | 21,300. | | | 2,530. | | | 140 31 AUG 67 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 24,700. | | | 1,520. | | | 26,700. | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 26,200. | | | 1,420. | | | 26,500. | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 24,300. | | | 1,170. | | | 25,200. | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 21,800. | | | 957. | | | 23,100. | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 19,800. | | | 836. | | | 20,800. | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 18,700. | | | 824. | | | 19,200. | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 18,700. | | | 892. | | | 18,700. | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 19,100. | | | 945. | | | 18,900. | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 19,300. | | | 910. | | | 19,200. | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 19,200. | | | 836. | | | 19,200. | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 20,000. | | | 949. | | | 19,600. | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 23,100. | | | 1,350. | | | 21,500. | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 27,300. | | | 1,730. | | | 25,200. | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 30,500. | | | 1,830. | | | 28,900. | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 31,400. | | | 1,550. | | | 31,000. | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 30,600. | | | 1,180. | | | 31,000. | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 30,200. | | | 1,010. | | | 30,400. | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 29,900. | | | 935. | | | 30,000. | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 29,200. | | | 905. | | | 29,500. | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 31,200. | | | 1,410. | | | 30,200. | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 37,300. | | | 2,370. | | | 34,200. | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 41,300. | | | 2,620. | | | 39,300. | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 38,800. | | | 1,980. | | | 40,100. | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 33,400. | | | 1,190. | | | 36,100. | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 29,200. | | | 782. | | | 31,300. | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 26,700. | | | 638. | | | 28,000. | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 25,000. | | | 595. | | | 25,900. | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 23,400. | | | 580. | | | 24,200. | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 22,200. | | | 572. | | | 22,800. | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 21,300. | | | 567. | | | 21,700. | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 20,900. | | | 561. | | | 21,100. | | | 140 31 JUL 67 |

FORM 1613

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 67 1400 | 24,100. | | | 1,200. | | | 22,500. | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 32,900. | | | 2,450. | | | 28,500. | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 38,300. | | | 2,630. | | | 35,600. | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 35,500. | | | 1,810. | | | 36,900. | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 30,700. | | | 1,050. | | | 33,100. | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 28,100. | | | 769. | | | 29,400. | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 26,500. | | | 668. | | | 27,300. | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 24,800. | | | 619. | | | 25,600. | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 23,800. | | | 728. | | | 24,300. | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 26,400. | | | 1,300. | | | 25,100. | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 33,200. | | | 2,200. | | | 29,800. | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 40,800. | | | 2,840. | | | 37,000. | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 48,300. | | | 3,460. | | | 44,600. | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 57,200. | | | 4,210. | | | 52,800. | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 62,700. | | | 4,230. | | | 60,000. | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 61,500. | | | 3,560. | | | 62,100. | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 55,800. | | | 2,690. | | | 58,600. | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 48,600. | | | 1,930. | | | 52,200. | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 41,700. | | | 1,410. | | | 45,200. | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 36,800. | | | 1,270. | | | 39,300. | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 33,200. | | | 1,210. | | | 35,000. | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 29,400. | | | 1,020. | | | 31,300. | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 26,000. | | | 828. | | | 27,700. | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 23,800. | | | 757. | | | 24,900. | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 23,400. | | | 922. | | | 23,600. | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 25,300. | | | 1,340. | | | 24,300. | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 26,700. | | | 1,530. | | | 26,000. | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 25,500. | | | 1,300. | | | 26,100. | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 23,200. | | | 1,050. | | | 24,400. | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 22,700. | | | 1,110. | | | 23,000. | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 23,800. | | | 1,330. | | | 23,300. | | | 140 31 AUG 67 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 67 1400 | 28,300. | | | | | | | | | 140 1 JUL 67 |
| 2 JUL 67 1400 | 27,900. | | | | | | | | | 140 2 JUL 67 |
| 3 JUL 67 1400 | 26,400. | | | | | | | | | 140 3 JUL 67 |
| 4 JUL 67 1400 | 24,000. | | | | | | | | | 140 4 JUL 67 |
| 5 JUL 67 1400 | 21,700. | | | | | | | | | 140 5 JUL 67 |
| 6 JUL 67 1400 | 20,100. | | | | | | | | | 140 6 JUL 67 |
| 7 JUL 67 1400 | 19,600. | | | | | | | | | 140 7 JUL 67 |
| 8 JUL 67 1400 | 19,800. | | | | | | | | | 140 8 JUL 67 |
| 9 JUL 67 1400 | 20,100. | | | | | | | | | 140 9 JUL 67 |
| 10 JUL 67 1400 | 20,100. | | | | | | | | | 140 10 JUL 67 |
| 11 JUL 67 1400 | 20,500. | | | | | | | | | 140 11 JUL 67 |
| 12 JUL 67 1400 | 22,900. | | | | | | | | | 140 12 JUL 67 |
| 13 JUL 67 1400 | 26,900. | | | | | | | | | 140 13 JUL 67 |
| 14 JUL 67 1400 | 30,700. | | | | | | | | | 140 14 JUL 67 |
| 15 JUL 67 1400 | 32,500. | | | | | | | | | 140 15 JUL 67 |
| 16 JUL 67 1400 | 32,200. | | | | | | | | | 140 16 JUL 67 |
| 17 JUL 67 1400 | 31,400. | | | | | | | | | 140 17 JUL 67 |
| 18 JUL 67 1400 | 30,900. | | | | | | | | | 140 18 JUL 67 |
| 19 JUL 67 1400 | 30,400. | | | | | | | | | 140 19 JUL 67 |
| 20 JUL 67 1400 | 31,600. | | | | | | | | | 140 20 JUL 67 |
| 21 JUL 67 1400 | 36,600. | | | | | | | | | 140 21 JUL 67 |
| 22 JUL 67 1400 | 41,900. | | | | | | | | | 140 22 JUL 67 |
| 23 JUL 67 1400 | 42,100. | | | | | | | | | 140 23 JUL 67 |
| 24 JUL 67 1400 | 37,300. | | | | | | | | | 140 24 JUL 67 |
| 25 JUL 67 1400 | 32,100. | | | | | | | | | 140 25 JUL 67 |
| 26 JUL 67 1400 | 28,600. | | | | | | | | | 140 26 JUL 67 |
| 27 JUL 67 1400 | 26,500. | | | | | | | | | 140 27 JUL 67 |
| 28 JUL 67 1400 | 24,800. | | | | | | | | | 140 28 JUL 67 |
| 29 JUL 67 1400 | 23,400. | | | | | | | | | 140 29 JUL 67 |
| 30 JUL 67 1400 | 22,300. | | | | | | | | | 140 30 JUL 67 |
| 31 JUL 67 1400 | 21,700. | | | | | | | | | 140 31 JUL 67 |

FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 JUL 67 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 70.0 | | | STATION 0.0 | | | STATION 0.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 67 1400 | 23,700. | | | | | | | | | 140 1 AUG 67 |
| 2 AUG 67 1400 | 31,000. | | | | | | | | | 140 2 AUG 67 |
| 3 AUG 67 1400 | 38,200. | | | | | | | | | 140 3 AUG 67 |
| 4 AUG 67 1400 | 38,700. | | | | | | | | | 140 4 AUG 67 |
| 5 AUG 67 1400 | 34,100. | | | | | | | | | 140 5 AUG 67 |
| 6 AUG 67 1400 | 30,200. | | | | | | | | | 140 6 AUG 67 |
| 7 AUG 67 1400 | 27,900. | | | | | | | | | 140 7 AUG 67 |
| 8 AUG 67 1400 | 26,200. | | | | | | | | | 140 8 AUG 67 |
| 9 AUG 67 1400 | 25,000. | | | | | | | | | 140 9 AUG 67 |
| 10 AUG 67 1400 | 26,400. | | | | | | | | | 140 10 AUG 67 |
| 11 AUG 67 1400 | 32,000. | | | | | | | | | 140 11 AUG 67 |
| 12 AUG 67 1400 | 39,900. | | | | | | | | | 140 12 AUG 67 |
| 13 AUG 67 1400 | 46,000. | | | | | | | | | 140 13 AUG 67 |
| 14 AUG 67 1400 | 57,000. | | | | | | | | | 140 14 AUG 67 |
| 15 AUG 67 1400 | 64,200. | | | | | | | | | 140 15 AUG 67 |
| 16 AUG 67 1400 | 65,700. | | | | | | | | | 140 16 AUG 67 |
| 17 AUG 67 1400 | 61,300. | | | | | | | | | 140 17 AUG 67 |
| 18 AUG 67 1400 | 54,100. | | | | | | | | | 140 18 AUG 67 |
| 19 AUG 67 1400 | 46,600. | | | | | | | | | 140 19 AUG 67 |
| 20 AUG 67 1400 | 40,600. | | | | | | | | | 140 20 AUG 67 |
| 21 AUG 67 1400 | 36,200. | | | | | | | | | 140 21 AUG 67 |
| 22 AUG 67 1400 | 32,300. | | | | | | | | | 140 22 AUG 67 |
| 23 AUG 67 1400 | 28,500. | | | | | | | | | 140 23 AUG 67 |
| 24 AUG 67 1400 | 25,600. | | | | | | | | | 140 24 AUG 67 |
| 25 AUG 67 1400 | 24,500. | | | | | | | | | 140 25 AUG 67 |
| 26 AUG 67 1400 | 25,700. | | | | | | | | | 140 26 AUG 67 |
| 27 AUG 67 1400 | 27,500. | | | | | | | | | 140 27 AUG 67 |
| 28 AUG 67 1400 | 27,400. | | | | | | | | | 140 28 AUG 67 |
| 29 AUG 67 1400 | 25,400. | | | | | | | | | 140 29 AUG 67 |
| 30 AUG 67 1400 | 24,100. | | | | | | | | | 140 30 AUG 67 |
| 31 AUG 67 1400 | 24,600. | | | | | | | | | 140 31 AUG 67 |
| EOF.. | | | | | | | | | | 7 |

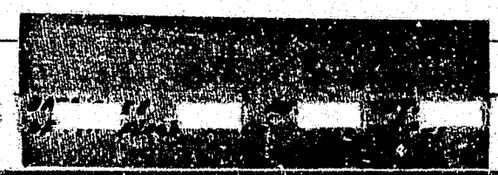
FORM 1611-4
PRINTED IN U.S.A.

```
JOB        090981   1          1      SUSITNA HEP AUG 4-10 '71 RECONST.
CP      1480     4620                                                  GUKGL
CP      2000     3000                                                  BASAV
CP      8811     2401                                                  SUMMIT
CP      9139     2550                                                  GRACIO
CP      9410     2408                                                  TRIMS
CP      3000      345                                                  TALK.
CT01    1015          2       0      95     999     100                SMI GL
CT01    1018          2       0      10     2.5      20       5      40 SMI
CT02    1018         12      60      15      75     999      80
CT01    1020          2       0      20       2      30       5      60 SMI
CT02    1020          9     100      15     100    9999     100
CT01    1021          2       0       5      99       5    9999       5 SMI
CT01    2009          2       0      60     0.1      50     0.2      45 BII
CT02    2009        0.3      37     0.4      32     0.5      29    0.6MCKENZ
CT03    2009         27     1.0      20     2.0      10    9999      10
CT01    2010          2       0      75      .2      60     0.4      48 BII
CT02    2010        0.6      37     0.8      31     1.0      27    1.2WILLAM
CT03    2010         25    9999      25
CT01    2011          2       0      50     0.1      47     0.2      45 BII
CT02    2011        0.3      37     0.4      32     0.5      29     0.6
CT03    2011         27       1      20       2       8       3       4
CT04    2011          5       2     999       1
CT01    2012          2       0      70      .5      50       3      20 BII
CT02    2012          5      10      10     .05      99     .05
CT01    2017          2       0     100     1.0      95    9999      95 BIIGL
CT01    3001          2       0       0     .02    .009     .03    .013 S/SS
CT02    3001        .05    .021     .05    .025    .075    .034     .10
CT03    3001        .05    9999   99999
CT01    3003          2       0       0    .016   .0026    .033    .008 S-SS
CT02    3003        .05    .015    .067    .024    .083    .036    .100MCKENZ
CT03    3003        .05     2.0    1.20     999     999
CT01    3008          2       0       0     .01   .0005     .02   .0015 S-SS
CT02    3008        .03    .003     .04    .005     .05    .008     .06
CT03    3008       .012     .07    .017     .08    .023     .09     .03
CT04    3008        .10    .038     999     999
CT01    3009          2       0       0     .05    .001     0.5     .05  S/SS
CT02    3009        1.0     0.2    9999    9000                          GLAC
CT01    4008          2       4    0.03       5    0.09       6    0.09   ETI
CT02    4008          7    0.10       8    0.10       9    0.10
CT01    4009          2       4    0.03       5    0.05       6    0.06   ETI
CT02    4009          7    0.07       8    0.08       9    0.06          GLAC
CT01    4010          2       4    0.03       5    0.09       6    0.15   ETI
CT02    4010          7    0.15       8    0.15       9    0.15
CT01    5001          2       0     100      .5      30       1      20   KE
CT02    5001        1.5      20     999      20
CT01    6004          2       0     100     100     100    9999     100 SCDGL
CT01    6006          2       0     100       8      60      20      60  SCD
CT02    6006         36      40      59      20     100       0     999
CT03    6006          0
CT01    7005          2       0    0.32     100    0.32    9999    0.32 MELTR
CT01    7009          2       0    0.12     100    0.12    9999    0.12 MELTR
CT01    7010          2       0    0.10      20    0.15      40   0.24 METSUS
CT02    7010         50    0.30      80    0.40     100    0.45    9999
CT01    7011          2       0     .08     100     .08    9999     .08 MELTG
CB01      10       1          SUSITNA GLACIER
CB02      10    2214  6 4  12 4  24   100 50016004    40091015
CB03      10     2017 10  3009                  7011          35 32 33
CB04      10    32000200330001004300010 0
C3 1      10  2800   0  3000   45 4000  177 5000  359 6000  611 7000  848
C3 2      10  8000  961 9000  99813832  9999999999999
CB01      20       1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02      20    6944  8 4  20 5 156   100 50016006    40081018
CB03      20     2011 10  3008                  7005          35 32 33
```

DATA FILE 8 - ACRES RECONSTITUTION
OF 1971 FLOOD,
SSARR MODEL INPUT

FORM 1411-3
PRINTED IN U.S.A.

```
C3 1      20  2440   0  3000  277 4000  532 5000  813 6000  928 7000  971
C3 2      20  8000  984 9000  98910000  99813832  9999999999999
CC01      30        1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01      55        1          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02      55              2 2    11
CB01      80        1          LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02      80     3124  3 4   8 4 156   100 50016006    40081018
CB03      80      2009  9  3008                    7010          35 32 33
CB04      80      32000172330001004300010 0
C3 1      80  2370    0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2      80 9999999999
CC01     100        1          DENALI DAMSITE  1260 SQ MI
CR01     125        1          100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02     125              3 2    11
CB01     180        1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02     180     4774  3 4   8 5 156   100 50016006    40081018
CB03     180      2009  9  3008                    7010          35 32 33
CB04     180      32000 943300010043000100
C3 1     180  2350    0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2     180 9999999999
CB01     210        1          MACLAREN GLACIER
CB02     210      443  6 3  12 3  24   100 50016004    40091015
CB03     210      2017 10  3009                    7009   9      35 32 33
CB04     210      32000148330001004300010 5
C3 1     210  3150   0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2     210  8850  9999999999999
CB01     220        1          MACLAREN NON-GLACIER ABV USGS GAGE
CB02     220     2324  5 4  20 5 156    75 50016006    40081018
CB03     220      2012 10  3003                    7005          35 32 33
CB04     220      32000148330  10043000105
C3 1     220  2866   0  300   82 4000  505 5000  801 6000  949 7000  986
C3 2     220  8000  998 8850  9999999999999
CC01     230        1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01     255        1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02     255              6 2    10
CB01     280        1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02     280     3074  3 4   8 5 156   100 50016006    40081018
CB03     280      2009  9  3008                    7010          35 32 33
CB04     280      32000148330001004300010 0
C3 1     280  2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01     300        1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01     325        1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02     325              5 2     9
CB01     330        1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02     330      483 15 1   0 1   0   100 50016006    40081022
CB03     330      2009  9  3008                    7010          35 32 33
CB04     330      32000 943300010043000115
C3 1     330  2361    0 2363  9999999999999
CR01     335        1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02     335              3 4   100
CB01     340        1          TYONE RIVER BASIN 1047 SQ MI
CB02     340    10478 10 8  48 8 200   100 50016006    40101018
CB03     340      2009  9  3008                    7010          35 32 33
CB04     340      32000 943300010043000115
C3 1     340  2100    0 3000  687 4000  952 5000  998 5275  9999999999999
CC01     350        1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01     375        1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02     375              1 2     9
CB01     380        1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02     380     7353  3 4   8 4  72   100 50016006    40081018
CB03     380      2009  9  3008                    7010          35 32 33
CB04     380      32000110330001004300011 5
C3 1     380  1910    0 2000    2 3000  156 4000  491 5000  784 6000  960
C3 2     380  7000  998 7770  9999999999999
CC01     400        1          SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
```



FORM 1411-3
PRINTED IN U.S.A.

```
CR02     425              4 1      3
CB01     480        1            WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02     480    10454  8 4  15 5 156   100 50016006    40081020
CB03     480     2009  9  3008                    7010          35 32 33
CB04     480     32000150330001004300010 5
C3 1     480  1450    0 2000   30 3000  277 4000  683 5000  911 6000  989
C3 2     480  7000  989 7200  9999999999999
CC01     500        1            WATANA DAM SITE 5180 SQ MI
CR01     525        1            500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02     525              3 1      3
CB01     580        1            TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02     580     6284  8 4  15 5 156   100 50016006    40081020
CB03     580     2009  9  3008                    7010          35 32 33
CB04     580     32000162330001004300010 5
C3 1     580   910    0 1000    2 2000   84 3000  441 4000  795 5000  962
C3 2     580  6000  998 6910  9999999999999
CC01     600        1            DEVIL CANYON DAM SITE 5810 SQ MI
CR01     625        1            600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02     625              1 1      3
CB01     680        1            PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02     680     3454  8 4  15 5 156   100 50016006    40081020
CB03     680     2009  9  3008                    7010          35 32 33
CB04     680     32000144330001004300010 5
C3 1     680   677    0 1000   32 2000  261 3000  510 4000  809 5000  971
C3 2     680  6000  998 6018  9999999999999
CC01     700        1            SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P         10        30
P         20        30
P         30        55
P         55       100
P         80       100
P        100       125
P        125       300
P        180       300
P        210       230
P        220       230
P        230       255
P        255       300
P        280       300
P        300       325
P        325       350
P        330       335
P        335       350
P        340       350
P        350       375
P        375       400
P        380       400
P        400       425
P        425       500
P        480       500
P        500       525
P        525       600
P        580       600
P        600       625
P        680       700
P        625       700
P        700
T   14 06057124 14 300971
2B00      10 14 060571      4   030    100 1                  99
2B02      10 14 060571     10    10     10     10     10
2B03      10 14 060571     30    30     30     30     30
2B04      10 14 060571     60    60     60     60     60
2B00      20 14 060571      2   03    100 01                 12
2B02      20 14 060571     10    10     10     10     10
2B03      20 14 060571     50    50     50     50     30
```

FORM 1411-3
PRINTED IN U.S.A.

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2B00 | 80 | 14 | 060571 | 2 | 03 | 100 | | | | | 87 | | | | | | | | | |
| 2B02 | 80 | 14 | 060571 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | |
| 2B03 | 80 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B04 | 80 | 14 | 060571 | 70 | 70 | 70 | 70 | 70 | | | | | | | | | | | | |
| 2B00 | 180 | 14 | 060571 | 2 | 03 | 100 | | | | | 67 | | | | | | | | | |
| 2B02 | 180 | 14 | 060571 | 7 | 7 | 7 | 7 | 7 | | | | | | | | | | | | |
| 2B03 | 180 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B04 | 180 | 14 | 060571 | 108 | 108 | 108 | 108 | 108 | 108 | | | | | | | | | | | |
| 2B00 | 210 | 14 | 060571 | 4 | 030 | 100 1 | | | | | 99 | | | | | | | | | |
| 2B02 | 210 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B03 | 210 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B04 | 210 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B00 | 220 | 14 | 060571 | 2 | 03 | 100 01 | | | | | 195 | | | | | | | | | |
| 2B02 | 220 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B03 | 220 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B04 | 220 | 14 | 010767 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | | | | | | | | | |
| 2B00 | 280 | 14 | 060571 | 2 | 03 | 100 | | | | | 67 | | | | | | | | | |
| 2B02 | 280 | 14 | 060571 | 4 | 4 | 4 | 4 | 4 | | | | | | | | | | | | |
| 2B03 | 280 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B04 | 280 | 14 | 060571 | 70 | 70 | 70 | 70 | 70 | 70 | | | | | | | | | | | |
| 2B00 | 330 | 14 | 060571 | 2 | 03 | 100 | | | | | 36 | | | | | | | | | |
| 2B02 | 330 | 14 | 060571 | 18 | 18 | 18 | 18 | 18 | | | | | | | | | | | | |
| 2B03 | 330 | 14 | 060571 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2B04 | 330 | 14 | 060571 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2B00 | 340 | 14 | 060571 | 2 | 03 | 100 | | | | | 36 | | | | | | | | | |
| 2B02 | 340 | 14 | 060571 | 18 | 18 | 18 | 18 | 18 | | | | | | | | | | | | |
| 2B03 | 340 | 14 | 060571 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | | | |
| 2B04 | 340 | 14 | 060571 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | | | | |
| 2B00 | 380 | 14 | 010767 | 2 | 03 | 100 | | | | | 69 | | | | | | | | | |
| 2B02 | 380 | 14 | 060571 | 8 | 8 | 8 | 8 | 8 | | | | | | | | | | | | |
| 2B03 | 380 | 14 | 060571 | 20 | 20 | 20 | 20 | 20 | | | | | | | | | | | | |
| 2B04 | 380 | 14 | 060571 | 130 | 130 | 130 | 130 | 130 | | | | | | | | | | | | |
| 2B00 | 480 | 14 | 060571 | 2 | 03 | 100 | | | | | 74 | | | | | | | | | |
| 2B02 | 480 | 14 | 060571 | 16 | 16 | 16 | 16 | 16 | | | | | | | | | | | | |
| 2B03 | 480 | 14 | 060571 | 30 | 30 | 30 | 30 | 30 | | | | | | | | | | | | |
| 2B04 | 480 | 14 | 060571 | 420 | 420 | 420 | 420 | 420 | | | | | | | | | | | | |
| 2B00 | 580 | 14 | 060571 | 2 | 03 | 100 | | | | | 74 | | | | | | | | | |
| 2B02 | 580 | 14 | 060571 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | |
| 2B03 | 580 | 14 | 060571 | 15 | 15 | 15 | 15 | 15 | | | | | | | | | | | | |
| 2B04 | 580 | 14 | 060571 | 260 | 260 | 260 | 260 | 260 | | | | | | | | | | | | |
| 2B00 | 680 | 14 | 060571 | 2 | 03 | 100 | | | | | 74 | | | | | | | | | |
| 2B02 | 680 | 14 | 060571 | 4 | 4 | 4 | 4 | 4 | | | | | | | | | | | | |
| 2B03 | 680 | 14 | 060571 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | |
| 2B04 | 680 | 14 | 060571 | 140 | 140 | 140 | 140 | 140 | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0605713 | 02 | 05 | | | | 24 | | | | | | | | | | | |
| 4D | 3000 | 14 | 2005713 | 04 | 10 | 29 | 01 | 03 | | 09 | 02 | 13 | 09 | | | | | | | |
| 4D | 3000 | 14 | 0106713 | 02 | 23 | 07 | | | | | | | 06 | | 06 | | | | | |
| 4D | 3000 | 14 | 1506713 | 57 | | 08 | 02 | 03 | 24 | | | | | | 01 | | | | | |
| 4D | 3000 | 14 | 2906713 | 11 | 88 | | | | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0107713 | 87 | 09 | | 06 | 01 | | | | | 06 | 55 | 01 | | | | | |
| 4D | 3000 | 14 | 1507713 | | | | | 19 | | 02 | 03 | 23 | 15 | 08 | 66 | 13 | | | | |
| 4D | 3000 | 14 | 2907713 | 22 | 25 | 62 | | | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0108713 | 58 | 42 | | | | | | | | | 57 | | | | | | |
| 4D | 3000 | 14 | 1508713 | | | | 03 | 05 | 41 | 08 | | | 62 | 02 | 02 | | | | | |
| 4D | 3000 | 14 | 2908713 | | | 17 | | | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0109715 | 37 | 51 | 04 | 26 | 56 | 06 | 04 | 09 | | | | | 01 | | | | |
| 4D | 3000 | 14 | 1509713 | | | | | 03 | 80 | 45 | | | | | | | | | | |
| 4D | 3000 | 14 | 2909713 | 81 | 16 | | | | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0605714 | 400 | 360 | 380 | 370 | 370 | 410 | 410 | 420 | 370 | 380 | 370 | 380 | 410 | 410 | | | |
| 4D | 3000 | 14 | 2005714 | 430 | 430 | 390 | 430 | 430 | 440 | 440 | 450 | 470 | 410 | 430 | 460 | | | | | |
| 4D | 3000 | 14 | 0106714 | 440 | 410 | 450 | 510 | 550 | 560 | 550 | 520 | 560 | 560 | 530 | 510 | 480 | 490 | | | |
| 4D | 3000 | 14 | 1506714 | 460 | 500 | 480 | 520 | 550 | 530 | 480 | 580 | 620 | 610 | 630 | 640 | 600 | 520 | | | |
| 4D | 3000 | 14 | 2906714 | 520 | 490 | | | | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0107714 | 490 | 500 | 530 | 560 | 600 | 610 | 580 | 640 | 650 | 660 | 670 | 620 | 580 | 590 | | | |
| 4D | 3000 | 14 | 1507714 | 550 | 570 | 580 | 550 | 590 | 590 | 530 | 520 | 550 | 520 | 550 | 550 | 510 | 510 | | | |

FORM 1115

PRINTED IN U.S.A.

```
4D      3000 14 0108714 570 600 560 550 570 540 550 540 540 570 630 620 600 550
4D      3000 14 1508714 540 560 570 590 610 560 560 550 550 540 530 560 560 530
4D      3000 14 2908714 570 490 570
4D      3000 14 0109714 480 550 500 490 460 450 470 510 510 460 440 470 480 500
4D      3000 14 1509714 440 490 460 440 410 460 480 430 420 470 410 400 370 360
4D      3000 14 2909714 360 390
4D      2000714 0408713  01  19 127  80 132 184 199
EOF..
```

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BFI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.00 | 0.40 | 0 | 0.00 | 0.30 | 0 | 60 | 30 | 10 | 100 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.40 | 95 | 0.00 | 0.24 | 99 | 58 | 26 | 4 | 89 | 1400 | 7 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.35 | 95 | 0.00 | 0.19 | 99 | 52 | 13 | 0 | 66 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.30 | 95 | 0.00 | 0.15 | 99 | 40 | 4 | 0 | 44 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.25 | 95 | 0.00 | 0.11 | 99 | 26 | 1 | 0 | 28 | 1400 | 10 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 0.20 | 95 | 0.00 | 0.09 | 99 | 16 | 0 | 0 | 16 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 0.15 | 95 | 0.00 | 0.07 | 100 | 10 | 0 | 0 | 10 | 1400 | 12 |
| 13 | 1400 | 0.24 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 1.2 | 9 | 0.10 | 0.01 | 0.05 | 0.10 | 95 | 0.01 | 0.06 | 100 | 9 | 0 | 0 | 10 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.07 | 95 | 0.00 | 0.05 | 100 | 13 | 0 | 0 | 13 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.02 | 95 | 0.00 | 0.04 | 100 | 16 | 0 | 0 | 16 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.00 | 95 | 0.00 | 0.03 | 100 | 15 | 0 | 0 | 16 | 1400 | 16 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.00 | 95 | 0.00 | 0.02 | 100 | 11 | 0 | 0 | 12 | 1400 | 17 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 0.00 | 95 | 0.00 | 0.02 | 100 | 7 | 0 | 0 | 8 | 1400 | 18 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 0.00 | 95 | 0.00 | 0.01 | 100 | 5 | 0 | 0 | 6 | 1400 | 19 |
| 20 | 1400 | 0.04 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.05 | 0.00 | 95 | 0.02 | 0.02 | 100 | 8 | 0 | 0 | 9 | 1400 | 20 |
| 21 | 1400 | 0.10 | 0 | 0.00 | 0.05 | 0 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.05 | 0.00 | 95 | 0.02 | 0.02 | 100 | 19 | 0 | 0 | 20 | 1400 | 21 |
| 22 | 1400 | 0.29 | 0 | 0.00 | 0.05 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 0.00 | 95 | 0.00 | 0.01 | 100 | 36 | 1 | 0 | 37 | 1400 | 22 |
| 23 | 1400 | 0.01 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.05 | 0.00 | 95 | 0.02 | 0.01 | 100 | 49 | 0 | 0 | 50 | 1400 | 23 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.05 | 0.00 | 95 | 0.02 | 0.01 | 100 | 57 | 0 | 0 | 57 | 1400 | 24 |
| 25 | 1400 | 0.00 | 5 | 0.00 | 0.11 | 0 | 2800 | 100 | 2.2 | 17 | 0.17 | 0.03 | 0.05 | 0.00 | 95 | 0.03 | 0.02 | 100 | 67 | 0 | 0 | 68 | 1400 | 25 |
| 26 | 1400 | 0.03 | 5 | 0.00 | 0.14 | 0 | 2800 | 100 | 2.2 | 17 | 0.17 | 0.03 | 0.05 | 0.00 | 95 | 0.03 | 0.02 | 100 | 86 | 0 | 0 | 86 | 1400 | 26 |
| 27 | 1400 | 0.00 | 9 | 0.00 | 0.19 | 0 | 2800 | 100 | 2.5 | 23 | 0.20 | 0.05 | 0.05 | 0.00 | 95 | 0.04 | 0.03 | 100 | 112 | 0 | 0 | 113 | 1400 | 27 |
| 28 | 1400 | 0.09 | 17 | 0.02 | 0.27 | 0 | 2800 | 100 | 3.1 | 34 | 0.25 | 0.10 | 0.05 | 0.00 | 95 | 0.10 | 0.04 | 100 | 153 | 0 | 0 | 153 | 1400 | 28 |
| 29 | 1400 | 0.02 | 0 | 0.02 | 0.27 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 0.00 | 95 | 0.00 | 0.03 | 100 | 206 | 0 | 0 | 207 | 1400 | 29 |
| 30 | 1400 | 0.13 | 0 | 0.02 | 0.29 | 0 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.05 | 0.00 | 95 | 0.02 | 0.03 | 100 | 240 | 0 | 0 | 241 | 1400 | 30 |
| 31 | 1400 | 0.09 | 13 | 0.03 | 0.35 | 0 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.08 | 0.05 | 0.00 | 95 | 0.07 | 0.04 | 100 | 237 | 0 | 0 | 238 | 1400 | 31 |

FORM 1611-3

PRINTED IN U.S.A.

DATA FILE 9 - ACRES RECONSTITUTION
OF 1971 FLOOD,
SSARR MODEL OUTPUT

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 5 | 0.03 | 0.38 | 0 | 2800 | 100 | 2.2 | 17 | 0.17 | 0.03 | 0.05 | 0.00 | 95 | 0.03 | 0.04 | 100 | 229 | 0 | 0 | 230 | 1400 | 1 |
| 2 | 1400 | 0.23 | 0 | 0.03 | 0.38 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.03 | 100 | 227 | 0 | 0 | 228 | 140 | 2 |
| 3 | 1400 | 0.07 | 9 | 0.04 | 0.42 | 0 | 2800 | 100 | 2.5 | 23 | 0.20 | 0.05 | 0.06 | 0.00 | 95 | 0.05 | 0.03 | 100 | 215 | 0 | 0 | 216 | 1400 | 3 |
| 4 | 1400 | 0.00 | 41 | 0.04 | 0.63 | 1 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.22 | 0.06 | 0.00 | 95 | 0.21 | 0.07 | 100 | 224 | 0 | 0 | 225 | 1400 | 4 |
| 5 | 1400 | 0.00 | 71 | 0.04 | 1.07 | 1 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 0.00 | 95 | 0.44 | 0.15 | 100 | 366 | 2 | 0 | 369 | 1400 | 5 |
| 6 | 1400 | 0.00 | 78 | 0.04 | 1.59 | 2 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.06 | 0.00 | 95 | 0.51 | 0.23 | 99 | 735 | 7 | 0 | 744 | 1400 | 6 |
| 7 | 1400 | 0.00 | 71 | 0.04 | 2.03 | 2 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 0.00 | 95 | 0.44 | 0.27 | 99 | 1278 | 16 | 0 | 1296 | 1400 | 7 |
| 8 | 1400 | 0.00 | 48 | 0.04 | 2.28 | 2 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.27 | 0.06 | 0.00 | 95 | 0.25 | 0.27 | 99 | 1782 | 22 | 0 | 1805 | 1400 | 8 |
| 9 | 1400 | 0.00 | 78 | 0.04 | 2.79 | 3 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.06 | 0.00 | 95 | 0.51 | 0.32 | 99 | 2078 | 25 | 0 | 2105 | 1400 | 9 |
| 10 | 1400 | 0.00 | 78 | 0.04 | 3.30 | 3 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.06 | 0.00 | 95 | 0.51 | 0.36 | 98 | 2233 | 33 | 0 | 2268 | 1400 | 10 |
| 11 | 1400 | 0.00 | 56 | 0.04 | 3.61 | 4 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.06 | 0.00 | 95 | 0.31 | 0.35 | 98 | 2366 | 39 | 0 | 2407 | 1400 | 11 |
| 12 | 1400 | 0.06 | 41 | 0.06 | 3.83 | 4 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.25 | 0.06 | 0.00 | 95 | 0.24 | 0.33 | 98 | 2414 | 36 | 0 | 2452 | 1400 | 12 |
| 13 | 1400 | 0.00 | 23 | 0.06 | 3.93 | 4 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.11 | 0.06 | 0.00 | 95 | 0.11 | 0.28 | 98 | 2272 | 27 | 0 | 2301 | 1400 | 13 |
| 14 | 1400 | 0.06 | 28 | 0.07 | 4.07 | 4 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.16 | 0.06 | 0.00 | 95 | 0.15 | 0.25 | 99 | 1958 | 18 | 0 | 1977 | 1400 | 14 |
| 15 | 1400 | 0.57 | 13 | 0.15 | 4.13 | 4 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.14 | 0.06 | 0.00 | 95 | 0.13 | 0.23 | 99 | 1591 | 13 | 0 | 1605 | 1400 | 15 |
| 16 | 1400 | 0.00 | 34 | 0.15 | 4.30 | 4 | 2800 | 100 | 4.1 | 56 | 0.33 | 0.18 | 0.06 | 0.00 | 95 | 0.17 | 0.22 | 99 | 1288 | 11 | 0 | 1300 | 1400 | 16 |
| 17 | 1400 | 0.08 | 23 | 0.16 | 4.41 | 4 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.13 | 0.06 | 0.00 | 95 | 0.12 | 0.20 | 99 | 1093 | 10 | 0 | 1104 | 1400 | 17 |
| 18 | 1400 | 0.02 | 48 | 0.17 | 4.67 | 5 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.28 | 0.06 | 0.00 | 95 | 0.26 | 0.21 | 99 | 997 | 10 | 0 | 1008 | 1400 | 18 |
| 19 | 1400 | 0.00 | 71 | 0.17 | 5.11 | 5 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 0.00 | 95 | 0.44 | 0.26 | 99 | 1030 | 13 | 0 | 1045 | 1400 | 19 |
| 20 | 1400 | 0.03 | 56 | 0.19 | 5.42 | 5 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.34 | 0.06 | 0.00 | 95 | 0.33 | 0.27 | 99 | 1226 | 20 | 0 | 1248 | 1400 | 20 |
| 21 | 1400 | 0.24 | 23 | 0.24 | 5.52 | 6 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.17 | 0.06 | 0.00 | 95 | 0.16 | 0.25 | 99 | 1477 | 22 | 0 | 1501 | 1400 | 21 |
| 22 | 1400 | 0.00 | 88 | 0.24 | 6.19 | 6 | 2800 | 100 | 9.0 | 97 | 0.72 | 0.70 | 0.06 | 0.00 | 95 | 0.66 | 0.34 | 99 | 1663 | 22 | 0 | 1687 | 1400 | 22 |
| 23 | 1400 | 0.00 | 98 | 0.24 | 7.16 | 7 | 2800 | 100 | 12.8 | 100 | 1.02 | 1.02 | 0.06 | 0.00 | 95 | 0.97 | 0.47 | 98 | 1946 | 40 | 1 | 1988 | 1400 | 23 |
| 24 | 1400 | 0.00 | 97 | 0.24 | 8.05 | 8 | 2800 | 100 | 11.8 | 100 | 0.94 | 0.94 | 0.06 | 0.00 | 95 | 0.90 | 0.56 | 98 | 2549 | 73 | 2 | 2625 | 1400 | 24 |
| 25 | 1400 | 0.00 | 99 | 0.24 | 9.10 | 9 | 2800 | 100 | 13.8 | 100 | 1.10 | 1.10 | 0.06 | 0.00 | 95 | 1.05 | 0.67 | 97 | 3380 | 109 | 3 | 3493 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.24 | 10.22 | 10 | 2800 | 100 | 14.8 | 100 | 1.18 | 1.18 | 0.06 | 0.00 | 95 | 1.12 | 0.77 | 97 | 4207 | 150 | 3 | 4362 | 1400 | 26 |
| 27 | 1400 | 0.01 | 95 | 0.25 | 11.04 | 11 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.87 | 0.06 | 0.00 | 95 | 0.83 | 0.78 | 96 | 4880 | 184 | 4 | 5070 | 1400 | 27 |
| 28 | 1400 | 0.00 | 48 | 0.25 | 11.29 | 11 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.27 | 0.06 | 0.00 | 95 | 0.25 | 0.67 | 96 | 5185 | 174 | 2 | 5361 | 1400 | 28 |
| 29 | 1400 | 0.11 | 48 | 0.30 | 11.55 | 12 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.32 | 0.06 | 0.00 | 95 | 0.31 | 0.59 | 97 | 4901 | 116 | 1 | 5019 | 1400 | 29 |
| 30 | 1400 | 0.88 | 28 | 0.54 | 11.69 | 12 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.40 | 0.06 | 0.00 | 95 | 0.38 | 0.54 | 97 | 4157 | 78 | 1 | 4237 | 1400 | 30 |

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.07 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | RTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 26 | 0.77 | 11.83 | 12 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.39 | 0.06 | 0.01 | 95 | 0.37 | 0.51 | 97 | 3362 | 65 | 1 | 3430 | 1400 | 1 |
| 2 | 1400 | 0.09 | 34 | 0.80 | 12.00 | 12 | 2800 | 100 | 4.1 | 56 | 0.33 | 0.21 | 0.07 | 0.01 | 95 | 0.20 | 0.44 | 97 | 2766 | 57 | 0 | 2825 | 1400 | 2 |
| 3 | 1400 | 0.00 | 56 | 0.80 | 12.31 | 12 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.07 | 0.00 | 95 | 0.31 | 0.41 | 98 | 2346 | 44 | 0 | 2393 | 1400 | 3 |
| 4 | 1400 | 0.06 | 78 | 0.85 | 12.82 | 13 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.58 | 0.07 | 0.00 | 95 | 0.56 | 0.44 | 98 | 2085 | 43 | 1 | 2129 | 1400 | 4 |
| 5 | 1400 | 0.00 | 95 | 0.85 | 13.64 | 14 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.86 | 0.07 | 0.00 | 95 | 0.82 | 0.52 | 98 | 2103 | 59 | 1 | 2164 | 1400 | 5 |
| 6 | 1400 | 0.00 | 97 | 0.85 | 14.53 | 15 | 2800 | 100 | 11.8 | 100 | 0.94 | 0.94 | 0.07 | 0.00 | 95 | 0.90 | 0.60 | 97 | 2491 | 88 | 2 | 2582 | 1400 | 6 |
| 7 | 1400 | 0.01 | 88 | 0.86 | 15.20 | 15 | 2800 | 100 | 9.0 | 97 | 0.72 | 0.71 | 0.07 | 0.00 | 95 | 0.67 | 0.62 | 97 | 3110 | 113 | 2 | 3227 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.86 | 16.38 | 16 | 2800 | 100 | 10.8 | 100 | 1.18 | 1.18 | 0.07 | 0.00 | 95 | 1.12 | 0.73 | 97 | 3719 | 131 | 3 | 3854 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.86 | 17.52 | 18 | 2800 | 100 | 15.8 | 100 | 1.26 | 1.26 | 0.07 | 0.00 | 95 | 1.20 | 0.83 | 96 | 4291 | 172 | 4 | 4469 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.86 | 18.79 | 19 | 2800 | 100 | 16.8 | 100 | 1.34 | 1.34 | 0.07 | 0.00 | 95 | 1.27 | 0.92 | 96 | 4935 | 226 | 5 | 5167 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.86 | 20.14 | 20 | 2800 | 100 | 17.8 | 100 | 1.42 | 1.42 | 0.07 | 0.00 | 95 | 1.35 | 1.01 | 95 | 5627 | 280 | 6 | 5914 | 1400 | 11 |
| 12 | 1400 | 0.06 | 98 | 0.91 | 21.12 | 21 | 2800 | 100 | 12.8 | 100 | 1.02 | 1.08 | 0.07 | 0.00 | 95 | 1.03 | 1.02 | 95 | 6220 | 319 | 6 | 6547 | 1400 | 12 |
| 13 | 1400 | 0.55 | 88 | 1.37 | 21.78 | 22 | 2800 | 100 | 9.0 | 97 | 0.72 | 1.18 | 0.07 | 0.00 | 95 | 1.12 | 1.04 | 95 | 6553 | 320 | 6 | 6881 | 1400 | 13 |
| 14 | 1400 | 0.01 | 92 | 1.38 | 22.52 | 23 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.79 | 0.07 | 0.04 | 95 | 0.75 | 0.98 | 95 | 6556 | 307 | 5 | 6869 | 1400 | 14 |
| 15 | 1400 | 0.00 | 71 | 1.38 | 22.96 | 23 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.07 | 0.01 | 95 | 0.44 | 0.86 | 95 | 6212 | 251 | 3 | 6468 | 1400 | 15 |
| 16 | 1400 | 0.00 | 85 | 1.38 | 23.54 | 24 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.62 | 0.07 | 0.00 | 95 | 0.59 | 0.80 | 96 | 5542 | 184 | 2 | 5730 | 1400 | 16 |
| 17 | 1400 | 0.00 | 88 | 1.38 | 24.21 | 24 | 2800 | 100 | 9.0 | 97 | 0.72 | 0.70 | 0.07 | 0.00 | 95 | 0.66 | 0.77 | 96 | 4767 | 155 | 3 | 4926 | 1400 | 17 |
| 18 | 1400 | 0.00 | 71 | 1.38 | 24.65 | 25 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.07 | 0.00 | 95 | 0.44 | 0.70 | 96 | 4151 | 145 | 2 | 4297 | 1400 | 18 |
| 19 | 1400 | 0.00 | 92 | 1.38 | 25.39 | 26 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.78 | 0.07 | 0.00 | 95 | 0.74 | 0.71 | 96 | 3754 | 129 | 2 | 3887 | 1400 | 19 |
| 20 | 1400 | 0.19 | 92 | 1.55 | 26.12 | 26 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.95 | 0.07 | 0.00 | 95 | 0.90 | 0.75 | 96 | 3598 | 140 | 3 | 3742 | 1400 | 20 |
| 21 | 1400 | 0.00 | 56 | 1.55 | 26.43 | 27 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.07 | 0.00 | 95 | 0.31 | 0.66 | 96 | 3654 | 149 | 2 | 3807 | 1400 | 21 |
| 22 | 1400 | 0.02 | 48 | 1.56 | 26.69 | 27 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.28 | 0.07 | 0.00 | 95 | 0.26 | 0.57 | 97 | 3636 | 111 | 1 | 3750 | 1400 | 22 |
| 23 | 1400 | 0.03 | 71 | 1.58 | 27.13 | 27 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.48 | 0.07 | 0.00 | 95 | 0.46 | 0.55 | 97 | 3336 | 77 | 1 | 3415 | 1400 | 23 |
| 24 | 1400 | 0.23 | 48 | 1.68 | 27.38 | 28 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.38 | 0.07 | 0.00 | 95 | 0.36 | 0.51 | 97 | 2925 | 68 | 1 | 2996 | 1400 | 24 |
| 25 | 1400 | 0.15 | 71 | 1.78 | 27.82 | 28 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.57 | 0.07 | 0.00 | 95 | 0.54 | 0.52 | 97 | 2635 | 66 | 1 | 2704 | 1400 | 25 |
| 26 | 1400 | 0.08 | 71 | 1.84 | 28.26 | 29 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.52 | 0.07 | 0.00 | 95 | 0.49 | 0.51 | 97 | 2536 | 71 | 1 | 2609 | 1400 | 26 |
| 27 | 1400 | 0.66 | 41 | 2.09 | 28.48 | 29 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.49 | 0.07 | 0.00 | 95 | 0.47 | 0.50 | 97 | 2578 | 73 | 1 | 2653 | 1400 | 27 |
| 28 | 1400 | 0.13 | 41 | 2.14 | 28.69 | 29 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.28 | 0.07 | 0.01 | 95 | 0.26 | 0.45 | 97 | 2628 | 67 | 1 | 2698 | 1400 | 28 |
| 29 | 1400 | 0.22 | 64 | 2.28 | 29.06 | 29 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.53 | 0.07 | 0.00 | 95 | 0.51 | 0.46 | 98 | 2585 | 56 | 1 | 2643 | 1400 | 29 |
| 30 | 1400 | 0.25 | 64 | 2.43 | 29.43 | 30 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.55 | 0.07 | 0.00 | 95 | 0.52 | 0.48 | 98 | 2517 | 59 | 1 | 2578 | 1400 | 30 |
| 31 | 1400 | 0.62 | 71 | 2.84 | 29.87 | 30 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.90 | 0.07 | 0.00 | 95 | 0.86 | 0.56 | 98 | 2593 | 72 | 1 | 2668 | 1400 | 31 |

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE

FORM 1911-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.08 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.54 | 85 | 3.31 | 30.46 | 31 | 2800 | 100 | 8.1 | 95 | 0.65 | 1.11 | 0.07 | 0.03 | 95 | 1.05 | 0.66 | 97 | 2947 | 102 | 2 | 3053 | 1400 | 1 |
| 2 | 1400 | 0.42 | 95 | 3.69 | 31.28 | 32 | 2800 | 100 | 10.8 | 99 | 0.87 | 1.26 | 0.08 | 0.06 | 95 | 1.20 | 0.78 | 97 | 3605 | 148 | 4 | 3758 | 1400 | 2 |
| 3 | 1400 | 0.00 | 78 | 3.69 | 31.79 | 32 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.08 | 0.09 | 95 | 0.51 | 0.72 | 96 | 4351 | 180 | 3 | 4535 | 1400 | 3 |
| 4 | 1400 | 0.01 | 71 | 3.70 | 32.23 | 33 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.47 | 0.08 | 0.04 | 95 | 0.45 | 0.66 | 96 | 4742 | 153 | 2 | 4898 | 1400 | 4 |
| 5 | 1400 | 0.19 | 85 | 3.85 | 32.82 | 33 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.78 | 0.08 | 0.00 | 95 | 0.74 | 0.68 | 97 | 4600 | 123 | 2 | 4727 | 1400 | 5 |
| 6 | 1400 | 1.17 | 64 | 4.56 | 33.19 | 34 | 2800 | 100 | 5.8 | 85 | 0.46 | 1.14 | 0.08 | 0.00 | 95 | 1.08 | 0.76 | 97 | 4302 | 136 | 3 | 4443 | 1400 | 6 |
| 7 | 1400 | 0.80 | 71 | 5.09 | 33.63 | 34 | 2800 | 100 | 6.6 | 88 | 0.52 | 1.03 | 0.08 | 0.04 | 95 | 0.98 | 0.81 | 96 | 4293 | 177 | 4 | 4475 | 1400 | 7 |
| 8 | 1400 | 1.52 | 64 | 5.89 | 34.00 | 34 | 2800 | 100 | 5.8 | 85 | 0.46 | 1.23 | 0.08 | 0.07 | 95 | 1.17 | 0.89 | 96 | 4621 | 211 | 5 | 4838 | 1400 | 8 |
| 9 | 1400 | 1.84 | 64 | 7.00 | 34.38 | 35 | 2800 | 100 | 5.8 | 85 | 0.46 | 1.56 | 0.08 | 0.12 | 95 | 1.48 | 1.02 | 96 | 5149 | 260 | 6 | 5417 | 1400 | 9 |
| 10 | 1400 | 1.99 | 85 | 8.61 | 34.96 | 35 | 2800 | 100 | 8.1 | 95 | 0.65 | 2.31 | 0.08 | 0.18 | 95 | 2.19 | 1.27 | 95 | 5929 | 360 | 10 | 6300 | 1400 | 10 |
| 11 | 1400 | 0.00 | 99 | 8.61 | 36.01 | 36 | 2800 | 100 | 13.8 | 100 | 1.10 | 1.10 | 0.08 | 0.28 | 95 | 1.05 | 1.22 | 95 | 6955 | 463 | 9 | 7429 | 1400 | 11 |
| 12 | 1400 | 0.00 | 98 | 8.61 | 36.98 | 37 | 2800 | 100 | 12.8 | 100 | 1.02 | 1.02 | 0.08 | 0.26 | 95 | 0.97 | 1.17 | 95 | 7725 | 409 | 6 | 8141 | 1400 | 12 |
| 13 | 1400 | 0.57 | 95 | 9.12 | 37.80 | 38 | 2800 | 100 | 10.8 | 99 | 0.87 | 1.40 | 0.08 | 0.23 | 95 | 1.33 | 1.20 | 95 | 7813 | 344 | 6 | 8165 | 1400 | 13 |
| 14 | 1400 | 0.00 | 71 | 9.12 | 38.24 | 39 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.08 | 0.27 | 95 | 0.44 | 1.04 | 95 | 7396 | 320 | 4 | 7721 | 1400 | 14 |
| 15 | 1400 | 0.00 | 64 | 9.12 | 38.61 | 39 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.39 | 0.08 | 0.22 | 95 | 0.37 | 0.90 | 95 | 6639 | 228 | 2 | 6871 | 1400 | 15 |
| 16 | 1400 | 0.00 | 78 | 9.12 | 39.12 | 40 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.08 | 0.16 | 95 | 0.51 | 0.81 | 96 | 5582 | 154 | 2 | 5739 | 1400 | 16 |
| 17 | 1400 | 0.00 | 85 | 9.12 | 39.71 | 40 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.62 | 0.08 | 0.10 | 95 | 0.59 | 0.77 | 96 | 4530 | 134 | 2 | 4668 | 1400 | 17 |
| 18 | 1400 | 0.03 | 92 | 9.15 | 40.45 | 41 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.81 | 0.08 | 0.05 | 95 | 0.77 | 0.77 | 96 | 3834 | 139 | 3 | 3977 | 1400 | 18 |
| 19 | 1400 | 0.05 | 97 | 9.20 | 41.34 | 42 | 2800 | 100 | 11.8 | 100 | 0.94 | 0.99 | 0.08 | 0.02 | 95 | 0.94 | 0.80 | 96 | 3613 | 160 | 3 | 3778 | 1400 | 19 |
| 20 | 1400 | 0.41 | 78 | 9.50 | 41.85 | 42 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.86 | 0.08 | 0.00 | 95 | 0.81 | 0.81 | 96 | 3783 | 184 | 4 | 3973 | 1400 | 20 |
| 21 | 1400 | 0.00 | 78 | 9.50 | 42.37 | 43 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.08 | 0.01 | 95 | 0.51 | 0.74 | 96 | 4070 | 182 | 3 | 4257 | 1400 | 21 |
| 22 | 1400 | 0.06 | 71 | 9.55 | 42.81 | 43 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.52 | 0.08 | 0.00 | 95 | 0.49 | 0.69 | 96 | 4156 | 150 | 2 | 4309 | 1400 | 22 |
| 23 | 1400 | 0.00 | 71 | 9.55 | 43.25 | 44 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.08 | 0.00 | 95 | 0.44 | 0.64 | 97 | 3946 | 120 | 1 | 4069 | 1400 | 23 |
| 24 | 1400 | 0.00 | 64 | 9.55 | 43.62 | 44 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.39 | 0.08 | 0.00 | 95 | 0.37 | 0.58 | 97 | 3568 | 98 | 1 | 3668 | 1400 | 24 |
| 25 | 1400 | 0.62 | 56 | 9.88 | 43.93 | 44 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.67 | 0.08 | 0.00 | 95 | 0.64 | 0.59 | 97 | 3199 | 86 | 1 | 3288 | 1400 | 25 |
| 26 | 1400 | 0.02 | 78 | 9.90 | 44.44 | 45 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.55 | 0.08 | 0.01 | 95 | 0.53 | 0.58 | 97 | 2990 | 92 | 1 | 3085 | 1400 | 26 |
| 27 | 1400 | 0.02 | 78 | 9.91 | 44.95 | 45 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.55 | 0.08 | 0.00 | 95 | 0.53 | 0.57 | 97 | 2960 | 93 | 1 | 3056 | 1400 | 27 |
| 28 | 1400 | 0.00 | 56 | 9.91 | 45.26 | 46 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.08 | 0.00 | 95 | 0.31 | 0.51 | 97 | 2968 | 85 | 1 | 3056 | 1400 | 28 |
| 29 | 1400 | 0.00 | 85 | 9.91 | 45.85 | 46 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.62 | 0.08 | 0.00 | 95 | 0.59 | 0.53 | 97 | 2904 | 73 | 1 | 2979 | 1400 | 29 |
| 30 | 1400 | 0.00 | 28 | 9.91 | 45.99 | 46 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.15 | 0.08 | 0.00 | 95 | 0.14 | 0.44 | 97 | 2774 | 68 | 1 | 2843 | 1400 | 30 |
| 31 | 1400 | 0.17 | 85 | 10.05 | 46.57 | 47 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.76 | 0.08 | 0.00 | 95 | 0.72 | 0.50 | 98 | 2624 | 56 | 1 | 2682 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 23 | 10.13 | 46.68 | 47 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.20 | 0.08 | 0.00 | 95 | 0.19 | 0.44 | 97 | 2525 | 61 | 1 | 2588 | 1400 | 1 |
| 2 | 1400 | 0.31 | 71 | 10.34 | 47.12 | 48 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.68 | 0.06 | 0.00 | 95 | 0.65 | 0.48 | 98 | 2496 | 55 | 1 | 2554 | 1400 | 2 |
| 3 | 1400 | 0.04 | 34 | 10.35 | 47.29 | 48 | 2800 | 100 | 4.1 | 56 | 0.33 | 0.20 | 0.06 | 0.00 | 95 | 0.19 | 0.42 | 98 | 2490 | 57 | 1 | 2549 | 1400 | 3 |
| 4 | 1400 | 0.26 | 28 | 10.42 | 47.43 | 48 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.22 | 0.06 | 0.00 | 95 | 0.21 | 0.37 | 98 | 2413 | 45 | 0 | 2459 | 1400 | 4 |
| 5 | 1400 | 0.56 | 13 | 10.49 | 47.49 | 48 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.14 | 0.06 | 0.00 | 95 | 0.13 | 0.32 | 98 | 2178 | 30 | 0 | 2210 | 1400 | 5 |
| 6 | 1400 | 0.06 | 9 | 10.50 | 47.54 | 48 | 2800 | 100 | 2.5 | 23 | 0.20 | 0.05 | 0.06 | 0.00 | 95 | 0.05 | 0.26 | 98 | 1814 | 19 | 0 | 1834 | 1400 | 6 |
| 7 | 1400 | 0.00 | 17 | 10.50 | 47.62 | 48 | 2800 | 100 | 3.1 | 34 | 0.25 | 0.08 | 0.06 | 0.00 | 95 | 0.08 | 0.22 | 99 | 1413 | 11 | 0 | 1425 | 1400 | 7 |
| 8 | 1400 | 0.04 | 41 | 10.51 | 47.83 | 48 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.24 | 0.06 | 0.00 | 95 | 0.23 | 0.22 | 99 | 1076 | 8 | 0 | 1085 | 1400 | 8 |
| 9 | 1400 | 0.09 | 41 | 10.55 | 48.04 | 49 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.26 | 0.06 | 0.00 | 95 | 0.25 | 0.23 | 99 | 911 | 11 | 0 | 923 | 1400 | 9 |
| 10 | 1400 | 0.00 | 13 | 10.55 | 48.10 | 49 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.06 | 0.06 | 0.00 | 95 | 0.06 | 0.19 | 99 | 911 | 12 | 0 | 925 | 1400 | 10 |
| 11 | 1400 | 0.00 | 5 | 10.55 | 48.13 | 49 | 2800 | 100 | 2.2 | 17 | 0.17 | 0.03 | 0.06 | 0.00 | 95 | 0.03 | 0.16 | 99 | 920 | 8 | 0 | 929 | 1400 | 11 |
| 12 | 1400 | 0.00 | 17 | 10.55 | 48.21 | 49 | 2800 | 100 | 3.1 | 34 | 0.25 | 0.08 | 0.06 | 0.00 | 95 | 0.08 | 0.14 | 99 | 828 | 4 | 0 | 833 | 1400 | 12 |
| 13 | 1400 | 0.00 | 23 | 10.55 | 48.32 | 49 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.11 | 0.06 | 0.00 | 95 | 0.11 | 0.13 | 99 | 686 | 3 | 0 | 690 | 1400 | 13 |
| 14 | 1400 | 0.01 | 34 | 10.55 | 48.49 | 49 | 2800 | 100 | 4.1 | 56 | 0.33 | 0.19 | 0.06 | 0.00 | 95 | 0.18 | 0.14 | 99 | 600 | 4 | 0 | 605 | 1400 | 14 |
| 15 | 1400 | 0.00 | 5 | 10.55 | 48.52 | 49 | 2800 | 100 | 2.2 | 17 | 0.17 | 0.03 | 0.06 | 0.00 | 95 | 0.03 | 0.12 | 99 | 593 | 4 | 0 | 599 | 1400 | 15 |
| 16 | 1400 | 0.00 | 28 | 10.55 | 48.66 | 49 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.15 | 0.06 | 0.00 | 95 | 0.14 | 0.12 | 99 | 608 | 3 | 0 | 612 | 1400 | 16 |
| 17 | 1400 | 0.00 | 13 | 10.55 | 48.72 | 49 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.06 | 0.06 | 0.00 | 95 | 0.06 | 0.11 | 99 | 603 | 3 | 0 | 607 | 1400 | 17 |
| 18 | 1400 | 0.00 | 5 | 10.55 | 48.75 | 49 | 2800 | 100 | 2.2 | 17 | 0.17 | 0.03 | 0.06 | 0.00 | 95 | 0.03 | 0.09 | 99 | 575 | 2 | 0 | 578 | 1400 | 18 |
| 19 | 1400 | 0.05 | 0 | 10.55 | 48.75 | 49 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.07 | 100 | 507 | 1 | 0 | 509 | 1400 | 19 |
| 20 | 1400 | 0.60 | 13 | 10.65 | 48.81 | 49 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.17 | 0.06 | 0.00 | 95 | 0.16 | 0.09 | 100 | 420 | 1 | 0 | 422 | 1400 | 20 |
| 21 | 1400 | 0.45 | 23 | 10.75 | 48.92 | 49 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.22 | 0.06 | 0.00 | 95 | 0.20 | 0.12 | 100 | 407 | 2 | 0 | 410 | 1400 | 21 |
| 22 | 1400 | 0.00 | 0 | 10.75 | 48.93 | 49 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.06 | 0.00 | 95 | 0.02 | 0.10 | 99 | 494 | 3 | 0 | 498 | 1400 | 22 |
| 23 | 1400 | 0.00 | 0 | 10.75 | 48.94 | 49 | 2800 | 100 | 1.2 | 9 | 0.09 | 0.01 | 0.06 | 0.00 | 95 | 0.01 | 0.08 | 100 | 566 | 2 | 0 | 569 | 1400 | 23 |
| 24 | 1400 | 0.00 | 17 | 10.75 | 49.02 | 50 | 2800 | 100 | 3.1 | 34 | 0.25 | 0.08 | 0.06 | 0.00 | 95 | 0.08 | 0.08 | 100 | 533 | 1 | 0 | 535 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 10.75 | 49.03 | 50 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.06 | 100 | 443 | 1 | 0 | 445 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 10.75 | 49.03 | 50 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.05 | 100 | 351 | 0 | 0 | 352 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 10.75 | 49.03 | 50 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.04 | 100 | 257 | 0 | 0 | 258 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 10.75 | 49.03 | 50 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.03 | 100 | 168 | 0 | 0 | 168 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 10.75 | 49.03 | 50 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.02 | 100 | 99 | 0 | 0 | 99 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 10.75 | 49.03 | 50 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 0.00 | 95 | 0.00 | 0.02 | 100 | 54 | 0 | 0 | 54 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1412

PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE | RUN NO. 90981 | INITIAL DATE, HOUR 6 MAY 1971 1400 | JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. | N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BFI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 30 | 0.03 | 0.08 | 7 | 2780 | 82 | 2.3 | 36 | 0.74 | 0.27 | 0.09 | 3.44 | 28 | 0.08 | 0.09 | 47 | 68 | 752 | 56 | 877 | 1400 | 1 |
| 2 | 1400 | 0.25 | 0 | 0.05 | 0.08 | 7 | 2811 | 82 | 0.5 | 11 | 0.16 | 0.02 | 0.09 | 3.60 | 29 | 0.01 | 0.07 | 47 | 73 | 787 | 30 | 892 | 1400 | 2 |
| 3 | 1400 | 0.07 | 37 | 0.04 | 0.99 | 8 | 2813 | 80 | 2.7 | 43 | 0.85 | 0.39 | 0.09 | 3.55 | 28 | 0.11 | 0.09 | 48 | 80 | 735 | 23 | 839 | 1400 | 3 |
| 4 | 1400 | 0.00 | 84 | 0.04 | 1.45 | 12 | 2852 | 73 | 6.5 | 73 | 2.08 | 1.52 | 0.09 | 3.82 | 31 | 0.46 | 0.20 | 47 | 89 | 807 | 121 | 1018 | 1400 | 4 |
| 5 | 1400 | 0.00 | 95 | 0.04 | 2.36 | 20 | 2983 | 61 | 9.9 | 71 | 3.16 | 2.24 | 0.09 | 5.17 | 40 | 0.90 | 0.48 | 45 | 98 | 1541 | 456 | 2097 | 1400 | 5 |
| 6 | 1400 | 0.00 | 96 | 0.04 | 3.24 | 27 | 3459 | 51 | 10.1 | 58 | 3.24 | 1.90 | 0.09 | 7.27 | 46 | 0.88 | 0.75 | 30 | 110 | 3220 | 1061 | 4393 | 1400 | 6 |
| 7 | 1400 | 0.00 | 95 | 0.04 | 3.93 | 33 | 3825 | 44 | 8.6 | 49 | 2.75 | 1.34 | 0.09 | 9.16 | 52 | 0.70 | 0.93 | 24 | 124 | 5369 | 1471 | 6966 | 1400 | 7 |
| 8 | 1400 | 0.00 | 87 | 0.04 | 4.30 | 36 | 4099 | 40 | 5.3 | 39 | 1.71 | 0.66 | 0.09 | 10.54 | 56 | 0.37 | 0.92 | 21 | 141 | 6956 | 1175 | 8274 | 1400 | 8 |
| 9 | 1400 | 0.00 | 96 | 0.04 | 4.93 | 41 | 4236 | 36 | 8.9 | 38 | 2.86 | 1.09 | 0.09 | 11.17 | 58 | 0.63 | 1.10 | 21 | 163 | 7402 | 1007 | 8573 | 1400 | 9 |
| 10 | 1400 | 0.00 | 96 | 0.04 | 5.50 | 46 | 4399 | 31 | 8.7 | 33 | 2.77 | 0.93 | 0.09 | 12.38 | 62 | 0.57 | 1.26 | 19 | 189 | 7199 | 1516 | 8905 | 1400 | 10 |
| 11 | 1400 | 0.00 | 90 | 0.04 | 5.82 | 48 | 4547 | 29 | 5.4 | 27 | 1.72 | 0.47 | 0.09 | 13.41 | 67 | 0.31 | 1.22 | 17 | 220 | 6928 | 1334 | 8484 | 1400 | 11 |
| 12 | 1400 | 0.06 | 84 | 0.07 | 5.99 | 50 | 4628 | 28 | 3.4 | 22 | 1.10 | 0.30 | 0.09 | 13.65 | 69 | 0.20 | 1.10 | 17 | 258 | 6416 | 654 | 7328 | 1400 | 12 |
| 13 | 1400 | 0.00 | 61 | 0.07 | 6.02 | 50 | 4672 | 28 | 1.0 | 11 | 0.34 | 0.04 | 0.09 | 14.06 | 70 | 0.03 | 0.88 | 19 | 301 | 5377 | 265 | 5944 | 1400 | 13 |
| 14 | 1400 | 0.06 | 70 | 0.10 | 6.08 | 51 | 4679 | 27 | 1.8 | 15 | 0.59 | 0.13 | 0.09 | 14.01 | 70 | 0.09 | 0.75 | 22 | 349 | 3977 | 81 | 4408 | 1400 | 14 |
| 15 | 1400 | 0.57 | 45 | 0.28 | 6.08 | 51 | 4695 | 27 | 0.0 | 0 | 0.00 | 0.26 | 0.09 | 14.03 | 70 | 0.18 | 0.63 | 24 | 402 | 2733 | 101 | 3237 | 1400 | 15 |
| 16 | 1400 | 0.00 | 78 | 0.28 | 6.18 | 51 | 4695 | 27 | 2.5 | 18 | 0.82 | 0.15 | 0.09 | 14.08 | 70 | 0.10 | 0.57 | 27 | 459 | 2046 | 127 | 2633 | 1400 | 16 |
| 17 | 1400 | 0.08 | 61 | 0.31 | 6.20 | 52 | 4721 | 26 | 1.0 | 10 | 0.31 | 0.08 | 0.09 | 14.15 | 71 | 0.06 | 0.48 | 28 | 518 | 1763 | 87 | 2370 | 1400 | 17 |
| 18 | 1400 | 0.02 | 87 | 0.33 | 6.38 | 53 | 4727 | 25 | 3.8 | 21 | 1.23 | 0.27 | 0.09 | 14.12 | 71 | 0.19 | 0.53 | 30 | 579 | 1577 | 107 | 2265 | 1400 | 18 |
| 19 | 1400 | 0.00 | 95 | 0.33 | 6.70 | 56 | 4774 | 23 | 6.2 | 23 | 1.99 | 0.45 | 0.09 | 14.34 | 72 | 0.32 | 0.72 | 28 | 641 | 1592 | 317 | 2551 | 1400 | 19 |
| 20 | 1400 | 0.03 | 90 | 0.35 | 6.89 | 57 | 4857 | 21 | 4.1 | 19 | 1.32 | 0.27 | 0.09 | 14.81 | 74 | 0.20 | 0.75 | 25 | 701 | 1948 | 447 | 3098 | 1400 | 20 |
| 21 | 1400 | 0.24 | 61 | 0.46 | 6.89 | 57 | 4904 | 21 | 0.7 | 5 | 0.21 | 0.16 | 0.09 | 15.03 | 75 | 0.12 | 0.62 | 24 | 760 | 2339 | 266 | 3366 | 1400 | 21 |
| 22 | 1400 | 0.00 | 98 | 0.46 | 7.30 | 61 | 4906 | 19 | 8.5 | 20 | 2.74 | 0.54 | 0.09 | 15.02 | 75 | 0.41 | 0.95 | 27 | 817 | 2511 | 458 | 3787 | 1400 | 22 |
| 23 | 1400 | 0.00 | 99 | 0.46 | 7.84 | 65 | 4986 | 17 | 12.1 | 18 | 3.88 | 0.71 | 0.09 | 15.64 | 75 | 0.53 | 1.42 | 21 | 870 | 2757 | 1560 | 5189 | 1400 | 23 |
| 24 | 1400 | 0.00 | 99 | 0.46 | 8.25 | 69 | 5154 | 15 | 10.8 | 16 | 3.47 | 0.55 | 0.09 | 16.60 | 75 | 0.41 | 1.70 | 15 | 920 | 3306 | 2444 | 6671 | 1400 | 24 |
| 25 | 1400 | 0.00 | 99 | 0.46 | 8.70 | 72 | 5301 | 13 | 12.5 | 15 | 4.01 | 0.59 | 0.09 | 17.42 | 75 | 0.44 | 2.05 | 12 | 966 | 3866 | 2625 | 7458 | 1400 | 25 |
| 26 | 1400 | 0.00 | 99 | 0.46 | 9.11 | 76 | 5458 | 12 | 13.0 | 13 | 4.17 | 0.55 | 0.09 | 18.44 | 75 | 0.41 | 2.36 | 8 | 1008 | 4133 | 3177 | 8320 | 1400 | 26 |
| 27 | 1400 | 0.01 | 98 | 0.46 | 9.33 | 78 | 5605 | 11 | 8.8 | 11 | 2.81 | 0.31 | 0.09 | 19.52 | 75 | 0.23 | 2.30 | 7 | 1046 | 4085 | 2719 | 7851 | 1400 | 27 |
| 28 | 1400 | 0.00 | 87 | 0.46 | 9.35 | 78 | 5683 | 11 | 1.6 | 5 | 0.52 | 0.03 | 0.09 | 20.12 | 75 | 0.02 | 1.85 | 7 | 1080 | 3709 | 1130 | 5920 | 1400 | 28 |
| 29 | 1400 | 0.11 | 87 | 0.54 | 9.37 | 78 | 5691 | 11 | 1.6 | 5 | 0.51 | 0.12 | 0.09 | 20.09 | 75 | 0.09 | 1.51 | 10 | 1111 | 2996 | 227 | 4335 | 1400 | 29 |
| 30 | 1400 | 0.88 | 70 | 1.00 | 9.37 | 78 | 5698 | 11 | 0.0 | 0 | 0.00 | 0.61 | 0.09 | 20.10 | 75 | 0.46 | 1.28 | 14 | 1137 | 2433 | 275 | 3847 | 1400 | 30 |



FORM 1413-3 PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 70 | 1.45 | 9.37 | 78 | 5698 | 11 | 0.0 | 0 | 0.00 | 0.61 | 0.09 | 20.24 | 75 | 0.45 | 1.11 | 17 | 1160 | 2767 | 556 | 4485 | 1400 | 1 |
| 2 | 1400 | 0.09 | 78 | 1.50 | 9.37 | 76 | 5698 | 11 | 0.2 | 1 | 0.05 | 0.07 | 0.10 | 20.37 | 75 | 0.05 | 0.88 | 19 | 1179 | 3686 | 424 | 5290 | 1400 | 2 |
| 3 | 1400 | 0.00 | 90 | 1.50 | 9.41 | 78 | 5698 | 11 | 2.4 | 7 | 0.77 | 0.05 | 0.10 | 20.30 | 75 | 0.04 | 0.77 | 22 | 1195 | 3936 | 113 | 5245 | 1400 | 3 |
| 4 | 1400 | 0.06 | 96 | 1.55 | 9.51 | 79 | 5711 | 10 | 4.7 | 8 | 1.49 | 0.18 | 0.10 | 20.32 | 75 | 0.14 | 0.81 | 24 | 1206 | 3193 | 104 | 4504 | 1400 | 4 |
| 5 | 1400 | 0.00 | 98 | 1.55 | 9.68 | 81 | 5745 | 9 | 8.2 | 9 | 2.61 | 0.23 | 0.10 | 20.55 | 75 | 0.18 | 1.04 | 23 | 1214 | 2308 | 299 | 3823 | 1400 | 5 |
| 6 | 1400 | 0.00 | 99 | 1.55 | 9.86 | 82 | 5807 | 9 | 8.8 | 8 | 2.82 | 0.24 | 0.10 | 21.07 | 75 | 0.18 | 1.25 | 20 | 1219 | 1880 | 531 | 3632 | 1400 | 6 |
| 7 | 1400 | 0.01 | 98 | 1.55 | 9.96 | 83 | 5870 | 8 | 5.7 | 7 | 1.83 | 0.14 | 0.10 | 21.65 | 75 | 0.11 | 1.24 | 17 | 1220 | 1796 | 516 | 3533 | 1400 | 7 |
| 8 | 1400 | 0.00 | 99 | 1.55 | 10.17 | 85 | 5905 | 7 | 11.1 | 8 | 3.54 | 0.29 | 0.10 | 21.95 | 75 | 0.22 | 1.60 | 17 | 1218 | 1792 | 579 | 3591 | 1400 | 8 |
| 9 | 1400 | 0.00 | 99 | 1.55 | 10.38 | 86 | 5981 | 7 | 11.7 | 7 | 3.75 | 0.27 | 0.10 | 22.82 | 75 | 0.20 | 1.92 | 13 | 1214 | 1812 | 1079 | 4106 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.55 | 10.57 | 88 | 6141 | 6 | 12.4 | 6 | 3.97 | 0.25 | 0.10 | 23.75 | 75 | 0.19 | 2.21 | 9 | 1206 | 1868 | 1325 | 4400 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.55 | 10.75 | 90 | 6322 | 5 | 13.1 | 6 | 4.20 | 0.24 | 0.10 | 24.74 | 75 | 0.18 | 2.48 | 7 | 1196 | 1891 | 1456 | 4545 | 1400 | 11 |
| 12 | 1400 | 0.06 | 99 | 1.60 | 10.83 | 90 | 6490 | 5 | 8.0 | 4 | 2.57 | 0.17 | 0.10 | 25.80 | 75 | 0.13 | 2.34 | 6 | 1184 | 1838 | 1230 | 4254 | 1400 | 12 |
| 13 | 1400 | 0.55 | 98 | 2.00 | 10.86 | 91 | 6570 | 5 | 4.2 | 3 | 1.35 | 0.58 | 0.10 | 26.31 | 75 | 0.44 | 2.08 | 7 | 1170 | 1934 | 977 | 4083 | 1400 | 13 |
| 14 | 1400 | 0.01 | 98 | 2.01 | 10.90 | 91 | 6601 | 4 | 5.1 | 3 | 1.63 | 0.06 | 0.10 | 26.65 | 75 | 0.05 | 1.03 | 8 | 1154 | 2374 | 908 | 4438 | 1400 | 14 |
| 15 | 1400 | 0.00 | 95 | 2.01 | 10.91 | 91 | 6639 | 4 | 1.5 | 2 | 0.47 | 0.01 | 0.10 | 26.86 | 75 | 0.01 | 1.47 | 10 | 1137 | 2645 | 247 | 4028 | 1400 | 15 |
| 16 | 1400 | 0.00 | 97 | 2.01 | 10.93 | 91 | 6645 | 4 | 3.2 | 3 | 1.01 | 0.03 | 0.10 | 26.81 | 75 | 0.02 | 1.26 | 14 | 1117 | 2219 | 42 | 3379 | 1400 | 16 |
| 17 | 1400 | 0.00 | 98 | 2.01 | 10.96 | 91 | 6665 | 4 | 4.0 | 3 | 1.30 | 0.04 | 0.10 | 26.87 | 75 | 0.03 | 1.13 | 17 | 1097 | 1459 | 35 | 2592 | 1400 | 17 |
| 18 | 1400 | 0.00 | 95 | 2.01 | 10.97 | 91 | 6691 | 4 | 1.4 | 2 | 0.45 | 0.01 | 0.10 | 26.99 | 75 | 0.01 | 0.92 | 18 | 1075 | 872 | 32 | 1979 | 1400 | 18 |
| 19 | 1400 | 0.00 | 98 | 2.01 | 11.00 | 92 | 6697 | 4 | 4.7 | 3 | 1.51 | 0.04 | 0.10 | 26.93 | 75 | 0.03 | 0.89 | 21 | 1052 | 536 | 26 | 1615 | 1400 | 19 |
| 20 | 1400 | 0.19 | 98 | 2.15 | 11.03 | 92 | 6727 | 4 | 4.5 | 3 | 1.45 | 0.23 | 0.10 | 27.10 | 75 | 0.17 | 0.89 | 22 | 1027 | 452 | 128 | 1609 | 1400 | 20 |
| 21 | 1400 | 0.00 | 90 | 2.15 | 11.03 | 92 | 6756 | 4 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 27.32 | 75 | 0.00 | 0.70 | 22 | 1002 | 609 | 180 | 1792 | 1400 | 21 |
| 22 | 1400 | 0.02 | 87 | 2.16 | 11.03 | 92 | 6756 | 4 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 27.22 | 75 | 0.01 | 0.55 | 25 | 976 | 749 | 41 | 1766 | 1400 | 22 |
| 23 | 1400 | 0.03 | 95 | 2.18 | 11.03 | 92 | 6756 | 4 | 1.3 | 1 | 0.41 | 0.03 | 0.10 | 27.13 | 75 | 0.03 | 0.46 | 28 | 948 | 666 | 13 | 1628 | 1400 | 23 |
| 24 | 1400 | 0.23 | 87 | 2.33 | 11.03 | 92 | 6760 | 4 | 0.0 | 0 | 0.00 | 0.20 | 0.10 | 27.08 | 75 | 0.15 | 0.40 | 30 | 921 | 554 | 41 | 1517 | 1400 | 24 |
| 25 | 1400 | 0.15 | 95 | 2.44 | 11.04 | 92 | 6760 | 4 | 1.3 | 1 | 0.41 | 0.15 | 0.10 | 27.06 | 75 | 0.11 | 0.36 | 32 | 892 | 668 | 82 | 1644 | 1400 | 25 |
| 26 | 1400 | 0.08 | 95 | 2.50 | 11.04 | 92 | 6764 | 4 | 1.3 | 1 | 0.41 | 0.08 | 0.10 | 27.05 | 75 | 0.06 | 0.32 | 34 | 864 | 918 | 69 | 1852 | 1400 | 26 |
| 27 | 1400 | 0.66 | 84 | 2.91 | 11.04 | 92 | 6768 | 4 | 0.0 | 0 | 0.00 | 0.55 | 0.10 | 27.02 | 75 | 0.41 | 0.34 | 36 | 835 | 1197 | 126 | 2160 | 1400 | 27 |
| 28 | 1400 | 0.13 | 84 | 2.99 | 11.04 | 92 | 6768 | 4 | 0.0 | 0 | 0.00 | 0.11 | 0.10 | 27.13 | 75 | 0.08 | 0.28 | 35 | 807 | 1616 | 192 | 2616 | 1400 | 28 |
| 29 | 1400 | 0.22 | 93 | 3.15 | 11.04 | 92 | 6768 | 4 | 0.4 | 1 | 0.13 | 0.21 | 0.10 | 27.08 | 75 | 0.15 | 0.26 | 38 | 779 | 1977 | 92 | 2849 | 1400 | 29 |
| 30 | 1400 | 0.25 | 93 | 3.32 | 11.04 | 92 | 6769 | 4 | 0.4 | 1 | 0.13 | 0.23 | 0.10 | 27.07 | 75 | 0.18 | 0.25 | 40 | 751 | 2012 | 89 | 2853 | 1400 | 30 |
| 31 | 1400 | 0.62 | 95 | 3.76 | 11.05 | 92 | 6770 | 4 | 1.3 | 1 | 0.40 | 0.59 | 0.10 | 27.07 | 75 | 0.44 | 0.31 | 41 | 726 | 2005 | 177 | 2909 | 1400 | 31 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | PN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 97 | 4.48 | 11.06 | 92 | 6774 | 4 | 2.8 | 2 | 0.88 | 0.58 | 0.10 | 27.22 | 75 | 0.44 | 0.42 | 36 | 701 | 2378 | 371 | 3452 | 1400 | 1 |
| 2 | 1400 | 0.42 | 98 | 4.49 | 11.09 | 92 | 6788 | 4 | 5.0 | 3 | 1.61 | 0.46 | 0.10 | 27.46 | 75 | 0.34 | 0.58 | 31 | 680 | 3058 | 517 | 4257 | 1400 | 2 |
| 3 | 1400 | 0.00 | 96 | 4.49 | 11.10 | 93 | 6818 | 4 | 2.0 | 2 | 0.64 | 0.01 | 0.10 | 27.81 | 75 | 0.01 | 0.50 | 27 | 661 | 3468 | 407 | 4537 | 1400 | 3 |
| 4 | 1400 | 0.01 | 95 | 4.50 | 11.10 | 93 | 6825 | 4 | 1.2 | 1 | 0.37 | 0.01 | 0.10 | 27.78 | 75 | 0.01 | 0.41 | 29 | 645 | 3110 | 84 | 3840 | 1400 | 4 |
| 5 | 1400 | 0.19 | 97 | 4.68 | 11.12 | 93 | 6828 | 4 | 2.5 | 2 | 0.79 | 0.20 | 0.10 | 27.71 | 75 | 0.15 | 0.42 | 32 | 633 | 2237 | 56 | 2927 | 1400 | 5 |
| 6 | 1400 | 1.17 | 93 | 5.46 | 11.12 | 93 | 6839 | 4 | 0.3 | 1 | 0.10 | 1.09 | 0.10 | 27.79 | 75 | 0.82 | 0.51 | 31 | 625 | 1880 | 392 | 2898 | 1400 | 6 |
| 7 | 1400 | 0.80 | 95 | 6.03 | 11.12 | 93 | 6839 | 4 | 1.1 | 1 | 0.37 | 0.76 | 0.10 | 28.05 | 75 | 0.57 | 0.54 | 29 | 621 | 2836 | 792 | 4250 | 1400 | 7 |
| 8 | 1400 | 1.32 | 93 | 6.95 | 11.12 | 93 | 6842 | 4 | 0.3 | 1 | 0.09 | 1.23 | 0.10 | 28.24 | 75 | 0.92 | 0.63 | 28 | 621 | 4712 | 917 | 6251 | 1400 | 8 |
| 9 | 1400 | 1.84 | 93 | 8.24 | 11.12 | 93 | 6843 | 4 | 0.3 | 1 | 0.09 | 1.72 | 0.10 | 28.53 | 75 | 1.29 | 0.77 | 27 | 625 | 6863 | 1602 | 9092 | 1400 | 9 |
| 10 | 1400 | 1.49 | 97 | 9.69 | 11.13 | 93 | 6843 | 4 | 2.4 | 2 | 0.76 | 1.95 | 0.10 | 28.94 | 75 | 1.46 | 0.98 | 24 | 634 | 9286 | 3010 | 12932 | 1400 | 10 |
| 11 | 1400 | 0.00 | 99 | 9.69 | 11.18 | 93 | 6853 | 3 | 6.7 | 3 | 2.15 | 0.07 | 0.10 | 29.51 | 75 | 0.05 | 1.09 | 20 | 648 | 11161 | 2966 | 14777 | 1400 | 11 |
| 12 | 1400 | 0.00 | 99 | 9.69 | 11.22 | 93 | 6900 | 3 | 5.8 | 3 | 1.86 | 0.05 | 0.10 | 29.90 | 75 | 0.04 | 1.10 | 19 | 668 | 10652 | 688 | 12044 | 1400 | 12 |
| 13 | 1400 | 0.57 | 98 | 10.11 | 11.24 | 94 | 6935 | 3 | 4.2 | 2 | 1.35 | 0.59 | 0.10 | 30.18 | 75 | 0.44 | 1.10 | 19 | 694 | 8041 | 430 | 9166 | 1400 | 13 |
| 14 | 1400 | 0.00 | 95 | 10.11 | 11.24 | 94 | 6954 | 3 | 0.8 | 1 | 0.25 | 0.00 | 0.10 | 30.51 | 75 | 0.00 | 0.87 | 19 | 726 | 5444 | 600 | 6772 | 1400 | 14 |
| 15 | 1400 | 0.00 | 93 | 10.11 | 11.24 | 94 | 6955 | 3 | 0.1 | 0 | 0.03 | 0.00 | 0.10 | 30.42 | 75 | 0.00 | 0.68 | 22 | 765 | 3742 | 128 | 4637 | 1400 | 15 |
| 16 | 1400 | 0.00 | 96 | 10.11 | 11.24 | 94 | 6955 | 3 | 1.3 | 1 | 0.40 | 0.00 | 0.10 | 30.33 | 75 | 0.00 | 0.56 | 26 | 809 | 2388 | 10 | 3208 | 1400 | 16 |
| 17 | 1400 | 0.00 | 97 | 10.11 | 11.25 | 94 | 6958 | 3 | 1.7 | 1 | 0.56 | 0.01 | 0.10 | 30.26 | 75 | 0.01 | 0.48 | 28 | 857 | 1302 | 3 | 2163 | 1400 | 17 |
| 18 | 1400 | 0.03 | 98 | 10.13 | 11.26 | 94 | 6963 | 3 | 3.3 | 2 | 1.04 | 0.05 | 0.10 | 30.22 | 75 | 0.04 | 0.48 | 30 | 909 | 649 | 15 | 1574 | 1400 | 18 |
| 19 | 1400 | 0.05 | 99 | 10.17 | 11.28 | 94 | 6976 | 3 | 4.7 | 2 | 1.51 | 0.08 | 0.10 | 30.28 | 75 | 0.06 | 0.55 | 30 | 963 | 384 | 50 | 1398 | 1400 | 19 |
| 20 | 1400 | 0.41 | 96 | 10.46 | 11.29 | 94 | 6998 | 3 | 1.0 | 1 | 0.33 | 0.40 | 0.10 | 30.46 | 75 | 0.30 | 0.51 | 28 | 1018 | 495 | 140 | 1655 | 1400 | 20 |
| 21 | 1400 | 0.00 | 96 | 10.46 | 11.29 | 94 | 7000 | 3 | 1.0 | 1 | 0.33 | 0.00 | 0.10 | 30.54 | 75 | 0.00 | 0.42 | 29 | 1072 | 928 | 168 | 2169 | 1400 | 21 |
| 22 | 1400 | 0.08 | 95 | 10.52 | 11.29 | 94 | 7005 | 3 | 0.5 | 0 | 0.16 | 0.08 | 0.10 | 30.46 | 75 | 0.06 | 0.34 | 31 | 1124 | 1263 | 46 | 2434 | 1400 | 22 |
| 23 | 1400 | 0.00 | 95 | 10.52 | 11.29 | 94 | 7007 | 3 | 0.5 | 0 | 0.16 | 0.00 | 0.10 | 30.40 | 75 | 0.00 | 0.27 | 35 | 1172 | 1176 | 23 | 2373 | 1400 | 23 |
| 24 | 1400 | 0.00 | 93 | 10.52 | 11.29 | 94 | 7008 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 30.30 | 75 | 0.00 | 0.21 | 39 | 1217 | 843 | 4 | 2066 | 1400 | 24 |
| 25 | 1400 | 0.62 | 90 | 10.94 | 11.29 | 94 | 7008 | 3 | 0.0 | 0 | 0.00 | 0.56 | 0.10 | 30.20 | 75 | 0.42 | 0.26 | 44 | 1257 | 670 | 74 | 2003 | 1400 | 25 |
| 26 | 1400 | 0.02 | 96 | 10.96 | 11.29 | 94 | 7008 | 3 | 1.0 | 1 | 0.32 | 0.02 | 0.10 | 30.32 | 75 | 0.02 | 0.22 | 40 | 1292 | 926 | 136 | 2356 | 1400 | 26 |
| 27 | 1400 | 0.02 | 96 | 10.97 | 11.29 | 94 | 7014 | 3 | 1.0 | 1 | 0.32 | 0.02 | 0.10 | 30.25 | 75 | 0.02 | 0.19 | 43 | 1322 | 1245 | 36 | 2604 | 1400 | 27 |
| 28 | 1400 | 0.00 | 90 | 10.97 | 11.29 | 94 | 7020 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 30.18 | 75 | 0.00 | 0.15 | 45 | 1345 | 1141 | 8 | 2496 | 1400 | 28 |
| 29 | 1400 | 0.00 | 97 | 10.97 | 11.30 | 94 | 7020 | 3 | 1.5 | 1 | 0.48 | 0.01 | 0.10 | 30.08 | 75 | 0.00 | 0.15 | 46 | 1363 | 757 | 1 | 2123 | 1400 | 29 |
| 30 | 1400 | 0.00 | 70 | 10.97 | 11.30 | 94 | 7033 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 30.02 | 75 | 0.00 | 0.12 | 46 | 1376 | 415 | 1 | 1792 | 1400 | 30 |
| 31 | 1400 | 0.17 | 97 | 11.09 | 11.30 | 94 | 7033 | 3 | 1.5 | 1 | 0.47 | 0.17 | 0.10 | 29.92 | 75 | 0.13 | 0.15 | 47 | 1383 | 249 | 21 | 1654 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
9098i 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.220 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 61 | 11.26 | 11.30 | 94 | 7046 | 3 | 0.0 | 0 | 0.00 | 0.23 | 0.10 | 29.94 | 75 | 0.17 | 0.15 | 46 | 1385 | 346 | 64 | 1796 | 1400 | 1 |
| 2 | 1400 | 0.31 | 95 | 11.48 | 11.30 | 94 | 7046 | 3 | 0.4 | 0 | 0.14 | 0.29 | 0.10 | 29.95 | 75 | 0.22 | 0.17 | 46 | 1382 | 695 | 90 | 2168 | 1400 | 2 |
| 3 | 1400 | 0.04 | 78 | 11.51 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 29.97 | 75 | 0.02 | 0.14 | 46 | 1374 | 1079 | 77 | 2532 | 1400 | 3 |
| 4 | 1400 | 0.26 | 70 | 11.64 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.18 | 0.10 | 29.88 | 75 | 0.14 | 0.14 | 46 | 1363 | 1232 | 42 | 2639 | 1400 | 4 |
| 5 | 1400 | 0.56 | 45 | 11.83 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.25 | 0.10 | 29.86 | 75 | 0.19 | 0.15 | 46 | 1348 | 1205 | 70 | 2625 | 1400 | 5 |
| 6 | 1400 | 0.06 | 37 | 11.85 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 29.89 | 75 | 0.02 | 0.12 | 46 | 1331 | 1191 | 64 | 2587 | 1400 | 6 |
| 7 | 1400 | 0.00 | 53 | 11.85 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 29.81 | 75 | 0.00 | 0.10 | 47 | 1311 | 1096 | 16 | 2425 | 1400 | 7 |
| 8 | 1400 | 0.04 | 84 | 11.87 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 29.71 | 75 | 0.03 | 0.08 | 47 | 1290 | 819 | 5 | 2116 | 1400 | 8 |
| 9 | 1400 | 0.09 | 84 | 11.93 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 29.62 | 75 | 0.06 | 0.07 | 48 | 1267 | 533 | 15 | 1817 | 1400 | 9 |
| 10 | 1400 | 0.00 | 45 | 11.93 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 29.55 | 75 | 0.00 | 0.06 | 48 | 1244 | 379 | 16 | 1641 | 1400 | 10 |
| 11 | 1400 | 0.00 | 30 | 11.93 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 29.45 | 75 | 0.00 | 0.05 | 48 | 1220 | 298 | 3 | 1522 | 1400 | 11 |
| 12 | 1400 | 0.00 | 53 | 11.93 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 29.35 | 75 | 0.00 | 0.04 | 49 | 1195 | 206 | 0 | 1403 | 1400 | 12 |
| 13 | 1400 | 0.00 | 61 | 11.93 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 29.25 | 75 | 0.00 | 0.03 | 49 | 1170 | 116 | 0 | 1287 | 1400 | 13 |
| 14 | 1400 | 0.01 | 78 | 11.94 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 29.15 | 75 | 0.01 | 0.02 | 49 | 1145 | 58 | 0 | 1205 | 1400 | 14 |
| 15 | 1400 | 0.00 | 30 | 11.94 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 29.06 | 75 | 0.00 | 0.02 | 49 | 1119 | 32 | 1 | 1154 | 1400 | 15 |
| 16 | 1400 | 0.00 | 70 | 11.94 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.96 | 75 | 0.00 | 0.01 | 49 | 1093 | 23 | 0 | 1118 | 1400 | 16 |
| 17 | 1400 | 0.00 | 45 | 11.94 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.86 | 75 | 0.00 | 0.01 | 50 | 1067 | 16 | 0 | 1084 | 1400 | 17 |
| 18 | 1400 | 0.00 | 30 | 11.94 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.76 | 75 | 0.00 | 0.01 | 50 | 1040 | 9 | 0 | 1050 | 1400 | 18 |
| 19 | 1400 | 0.03 | 0 | 11.94 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.66 | 75 | 0.00 | 0.01 | 50 | 1012 | 4 | 0 | 1017 | 1400 | 19 |
| 20 | 1400 | 0.80 | 45 | 12.21 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 28.56 | 75 | 0.27 | 0.06 | 50 | 984 | 96 | 47 | 1128 | 1400 | 20 |
| 21 | 1400 | 0.45 | 61 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.28 | 0.10 | 28.63 | 75 | 0.21 | 0.09 | 48 | 955 | 452 | 116 | 1524 | 1400 | 21 |
| 22 | 1400 | 0.00 | 16 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.66 | 75 | 0.00 | 0.07 | 47 | 926 | 924 | 74 | 1926 | 1400 | 22 |
| 23 | 1400 | 0.00 | 1 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.56 | 75 | 0.00 | 0.06 | 48 | 897 | 1080 | 13 | 1991 | 1400 | 23 |
| 24 | 1400 | 0.00 | 53 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.46 | 75 | 0.00 | 0.05 | 48 | 867 | 837 | 1 | 1706 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.36 | 75 | 0.00 | 0.04 | 49 | 839 | 487 | 0 | 1327 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.26 | 75 | 0.00 | 0.03 | 49 | 811 | 237 | 0 | 1049 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.16 | 75 | 0.00 | 0.02 | 49 | 784 | 103 | 0 | 887 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 28.06 | 75 | 0.00 | 0.02 | 49 | 758 | 41 | 0 | 799 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 27.96 | 75 | 0.00 | 0.01 | 49 | 733 | 15 | 0 | 748 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 12.41 | 11.30 | 94 | 7047 | 3 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 27.94 | 75 | 0.00 | 0.01 | 50 | 709 | 5 | 0 | 715 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

FORM 111-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INTTIAL DATE, HOUR JOB DESCRIPTION
90961 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | ZRA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | DEP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.30 | 0 | 70 | 10 | 5 | 85 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 2.00 | 18 | 0.00 | 0.24 | 37 | 69 | 6 | 0 | 77 | 1400 | 7 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.92 | 18 | 0.00 | 0.19 | 42 | 69 | 1 | 0 | 71 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.83 | 17 | 0.00 | 0.15 | 46 | 69 | 0 | 0 | 70 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.74 | 17 | 0.00 | 0.11 | 48 | 69 | 0 | 0 | 70 | 1400 | 10 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2370 | 100 | 1.2 | 39 | 0.12 | 0.05 | 0.09 | 1.65 | 17 | 0.01 | 0.09 | 49 | 69 | 9 | 1 | 81 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2374 | 100 | 1.2 | 38 | 0.12 | 0.05 | 0.09 | 1.60 | 16 | 0.01 | 0.07 | 51 | 68 | 26 | 1 | 97 | 1400 | 12 |
| 13 | 1400 | 0.24 | 5 | 0.00 | 0.03 | 0 | 2378 | 99 | 1.8 | 50 | 0.19 | 0.11 | 0.09 | 1.54 | 16 | 0.02 | 0.06 | 53 | 68 | 40 | 3 | 112 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2385 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.57 | 16 | 0.00 | 0.05 | 54 | 67 | 40 | 0 | 108 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2385 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.48 | 16 | 0.00 | 0.04 | 55 | 66 | 8 | 0 | 75 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2385 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.39 | 16 | 0.00 | 0.03 | 56 | 65 | 0 | 0 | 66 | 1400 | 16 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2385 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.30 | 15 | 0.00 | 0.02 | 57 | 64 | 0 | 0 | 64 | 1400 | 17 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2385 | 99 | 1.2 | 38 | 0.12 | 0.04 | 0.09 | 1.21 | 15 | 0.01 | 0.02 | 58 | 63 | 6 | 1 | 71 | 1400 | 18 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2389 | 99 | 1.2 | 38 | 0.12 | 0.04 | 0.09 | 1.16 | 15 | 0.01 | 0.02 | 58 | 61 | 19 | 1 | 82 | 1400 | 19 |
| 20 | 1400 | 0.04 | 23 | 0.00 | 0.07 | 1 | 2392 | 98 | 2.5 | 61 | 0.25 | 0.16 | 0.09 | 1.11 | 14 | 0.02 | 0.02 | 58 | 60 | 38 | 4 | 103 | 1400 | 20 |
| 21 | 1400 | 0.10 | 23 | 0.01 | 0.09 | 1 | 2403 | 97 | 2.5 | 60 | 0.25 | 0.17 | 0.09 | 1.17 | 15 | 0.03 | 0.02 | 58 | 58 | 72 | 4 | 136 | 1400 | 21 |
| 22 | 1400 | 0.29 | 0 | 0.01 | 0.09 | 1 | 2414 | 97 | 0.1 | 3 | 0.01 | 0.00 | 0.09 | 1.24 | 15 | 0.00 | 0.02 | 58 | 56 | 57 | 0 | 114 | 1400 | 22 |
| 23 | 1400 | 0.01 | 23 | 0.01 | 0.11 | 1 | 2414 | 97 | 2.4 | 59 | 0.25 | 0.15 | 0.09 | 1.19 | 15 | 0.02 | 0.02 | 58 | 55 | 34 | 3 | 93 | 1400 | 23 |
| 24 | 1400 | 0.00 | 23 | 0.01 | 0.13 | 2 | 2425 | 96 | 2.4 | 59 | 0.25 | 0.15 | 0.09 | 1.23 | 15 | 0.02 | 0.02 | 58 | 53 | 64 | 3 | 123 | 1400 | 24 |
| 25 | 1400 | 0.00 | 39 | 0.01 | 0.16 | 2 | 2436 | 95 | 3.0 | 70 | 0.31 | 0.22 | 0.09 | 1.27 | 15 | 0.03 | 0.02 | 58 | 52 | 83 | 5 | 142 | 1400 | 25 |
| 26 | 1400 | 0.03 | 39 | 0.01 | 0.20 | 2 | 2453 | 94 | 3.0 | 69 | 0.31 | 0.23 | 0.09 | 1.38 | 16 | 0.03 | 0.03 | 58 | 51 | 107 | 6 | 165 | 1400 | 26 |
| 27 | 1400 | 0.00 | 50 | 0.01 | 0.24 | 3 | 2470 | 93 | 3.6 | 75 | 0.38 | 0.29 | 0.09 | 1.49 | 16 | 0.05 | 0.03 | 57 | 50 | 127 | 8 | 186 | 1400 | 27 |
| 28 | 1400 | 0.09 | 74 | 0.02 | 0.32 | 4 | 2493 | 91 | 5.0 | 88 | 0.53 | 0.53 | 0.09 | 1.66 | 17 | 0.09 | 0.04 | 57 | 50 | 195 | 15 | 262 | 1400 | 28 |
| 29 | 1400 | 0.02 | 0 | 0.02 | 0.33 | 4 | 2532 | 91 | 0.9 | 29 | 0.10 | 0.03 | 0.09 | 2.06 | 18 | 0.01 | 0.04 | 56 | 50 | 195 | 1 | 248 | 1400 | 29 |
| 30 | 1400 | 0.13 | 23 | 0.03 | 0.35 | 4 | 2534 | 90 | 2.3 | 53 | 0.25 | 0.16 | 0.09 | 2.00 | 18 | 0.03 | 0.04 | 56 | 50 | 79 | 5 | 136 | 1400 | 30 |
| 31 | 1400 | 0.09 | 62 | 0.04 | 0.41 | 5 | 2546 | 88 | 4.1 | 78 | 0.45 | 0.41 | 0.09 | 2.07 | 18 | 0.07 | 0.05 | 56 | 52 | 141 | 13 | 207 | 1400 | 31 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.113 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 39 | 0.04 | 0.45 | 5 | 2579 | 87 | 2.6 | 62 | 0.30 | 0.19 | 0.09 | 2.37 | 19 | 0.04 | 0.04 | 55 | 53 | 198 | 7 | 259 | 1400 | 1 |
| 2 | 1400 | 0.23 | 0 | 0.04 | 0.45 | 5 | 2597 | 87 | 0.8 | 26 | 0.09 | 0.02 | 0.09 | 2.45 | 20 | 0.00 | 0.04 | 56 | 56 | 111 | 1 | 169 | 1400 | 2 |
| 3 | 1400 | 0.07 | 50 | 0.04 | 0.50 | 6 | 2599 | 86 | 3.3 | 68 | 0.37 | 0.29 | 0.09 | 2.41 | 20 | 0.06 | 0.04 | 56 | 59 | 88 | 10 | 158 | 1400 | 3 |
| 4 | 1400 | 0.00 | 98 | 0.04 | 0.68 | 8 | 2624 | 81 | 8.4 | 85 | 0.96 | 0.82 | 0.09 | 2.60 | 21 | 0.17 | 0.08 | 56 | 62 | 299 | 31 | 393 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.04 | 0.99 | 11 | 2710 | 74 | 12.2 | 81 | 1.46 | 1.17 | 0.09 | 3.32 | 27 | 0.31 | 0.15 | 52 | 66 | 728 | 61 | 857 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.04 | 1.42 | 16 | 2819 | 66 | 12.9 | 74 | 1.66 | 1.23 | 0.09 | 4.39 | 35 | 0.43 | 0.26 | 47 | 71 | 1294 | 115 | 1481 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.04 | 1.87 | 21 | 2964 | 58 | 11.6 | 66 | 1.63 | 1.08 | 0.09 | 5.51 | 41 | 0.45 | 0.37 | 40 | 77 | 1796 | 156 | 2031 | 1400 | 7 |
| 8 | 1400 | 0.00 | 98 | 0.04 | 2.20 | 25 | 3153 | 53 | 8.2 | 58 | 1.29 | 0.75 | 0.09 | 6.50 | 44 | 0.33 | 0.42 | 34 | 86 | 1926 | 127 | 2140 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.04 | 2.71 | 31 | 3277 | 46 | 12.0 | 53 | 2.09 | 1.11 | 0.09 | 7.19 | 46 | 0.52 | 0.57 | 31 | 98 | 2063 | 281 | 2443 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.04 | 3.24 | 37 | 3470 | 39 | 11.6 | 46 | 2.32 | 1.06 | 0.09 | 8.40 | 50 | 0.53 | 0.74 | 28 | 113 | 2613 | 364 | 3091 | 1400 | 10 |
| 11 | 1400 | 0.00 | 99 | 0.04 | 3.62 | 42 | 3655 | 35 | 8.1 | 39 | 1.83 | 0.71 | 0.09 | 9.69 | 53 | 0.38 | 0.81 | 25 | 131 | 2605 | 249 | 2987 | 1400 | 11 |
| 12 | 1400 | 0.06 | 98 | 0.08 | 3.90 | 45 | 3753 | 32 | 5.8 | 35 | 1.44 | 0.56 | 0.09 | 10.54 | 56 | 0.31 | 0.83 | 23 | 153 | 2147 | 191 | 2492 | 1400 | 12 |
| 13 | 1400 | 0.00 | 81 | 0.08 | 4.03 | 46 | 3826 | 31 | 2.7 | 30 | 0.74 | 0.22 | 0.09 | 11.18 | 58 | 0.13 | 0.74 | 23 | 177 | 1555 | 55 | 1788 | 1400 | 13 |
| 14 | 1400 | 0.06 | 88 | 0.11 | 4.20 | 48 | 3859 | 29 | 3.6 | 29 | 1.00 | 0.35 | 0.09 | 11.39 | 58 | 0.20 | 0.72 | 24 | 204 | 1040 | 93 | 1338 | 1400 | 14 |
| 15 | 1400 | 0.57 | 62 | 0.32 | 4.24 | 49 | 3904 | 29 | 1.2 | 17 | 0.36 | 0.41 | 0.09 | 11.75 | 59 | 0.25 | 0.63 | 25 | 232 | 1217 | 109 | 1559 | 1400 | 15 |
| 16 | 1400 | 0.00 | 95 | 0.32 | 4.45 | 51 | 3913 | 27 | 4.4 | 28 | 1.28 | 0.36 | 0.09 | 11.95 | 60 | 0.22 | 0.67 | 26 | 261 | 1331 | 114 | 1708 | 1400 | 16 |
| 17 | 1400 | 0.08 | 81 | 0.36 | 4.56 | 52 | 3969 | 26 | 2.3 | 24 | 0.71 | 0.24 | 0.09 | 12.40 | 62 | 0.15 | 0.62 | 26 | 290 | 1131 | 62 | 1485 | 1400 | 17 |
| 18 | 1400 | 0.02 | 98 | 0.37 | 4.88 | 56 | 3997 | 23 | 6.1 | 26 | 1.88 | 0.50 | 0.09 | 12.60 | 63 | 0.32 | 0.78 | 27 | 319 | 1170 | 225 | 1715 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.37 | 5.29 | 61 | 4128 | 19 | 8.9 | 23 | 2.84 | 0.64 | 0.09 | 13.30 | 67 | 0.43 | 1.09 | 24 | 346 | 1748 | 536 | 2632 | 1400 | 19 |
| 20 | 1400 | 0.03 | 99 | 0.39 | 5.59 | 64 | 4286 | 17 | 6.6 | 19 | 2.22 | 0.45 | 0.09 | 14.34 | 72 | 0.32 | 1.23 | 19 | 372 | 1994 | 398 | 2766 | 1400 | 20 |
| 21 | 1400 | 0.24 | 81 | 0.54 | 5.66 | 65 | 4360 | 17 | 1.7 | 15 | 0.58 | 0.28 | 0.09 | 14.95 | 75 | 0.21 | 1.08 | 18 | 397 | 1704 | 119 | 2221 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 0.54 | 6.17 | 71 | 4376 | 14 | 11.5 | 17 | 4.01 | 0.68 | 0.09 | 15.06 | 75 | 0.51 | 1.62 | 19 | 420 | 1641 | 1317 | 3379 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.54 | 6.76 | 78 | 4502 | 11 | 15.3 | 14 | 5.64 | 0.79 | 0.09 | 16.17 | 75 | 0.60 | 2.45 | 14 | 441 | 1908 | 2526 | 4876 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.54 | 7.21 | 83 | 4650 | 8 | 14.0 | 11 | 5.50 | 0.59 | 0.09 | 17.91 | 75 | 0.44 | 3.06 | 10 | 460 | 1669 | 2019 | 4149 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.54 | 7.61 | 87 | 4759 | 6 | 15.8 | 8 | 6.45 | 0.53 | 0.09 | 19.59 | 75 | 0.40 | 3.80 | 10 | 477 | 1304 | 1986 | 3768 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.54 | 7.92 | 91 | 4858 | 4 | 16.7 | 6 | 6.98 | 0.42 | 0.09 | 21.67 | 75 | 0.32 | 4.54 | 10 | 493 | 990 | 1637 | 3121 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 0.54 | 8.08 | 93 | 4936 | 3 | 11.8 | 4 | 5.04 | 0.22 | 0.09 | 23.99 | 75 | 0.17 | 4.57 | 10 | 507 | 731 | 736 | 1975 | 1400 | 27 |
| 28 | 1400 | 0.00 | 98 | 0.54 | 8.12 | 93 | 4976 | 3 | 3.2 | 3 | 1.39 | 0.05 | 0.09 | 25.46 | 75 | 0.03 | 3.82 | 10 | 519 | 483 | 47 | 1051 | 1400 | 28 |
| 29 | 1400 | 0.11 | 98 | 0.62 | 8.15 | 94 | 4984 | 3 | 3.1 | 3 | 1.34 | 0.15 | 0.09 | 25.72 | 75 | 0.11 | 3.24 | 10 | 528 | 433 | 107 | 1070 | 1400 | 29 |
| 30 | 1400 | 0.88 | 88 | 1.20 | 8.16 | 94 | 4992 | 3 | 0.9 | 1 | 0.40 | 0.78 | 0.09 | 26.02 | 75 | 0.58 | 2.70 | 10 | 536 | 1650 | 507 | 2694 | 1400 | 30 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.434 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1971 | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 88 | 1.78 | 8.16 | 94 | 4993 | 3 | 0.9 | 1 | 0.40 | 0.77 | 0.09 | 26.24 | 75 | 0.58 | 2.28 | 10 | 541 | 3462 | 505 | 4509 | 1400 | 1 |
| 2 | 1400 | 0.09 | 95 | 1.84 | 8.17 | 94 | 4994 | 3 | 1.4 | 2 | 0.61 | 0.10 | 0.10 | 26.45 | 75 | 0.07 | 1.87 | 10 | 543 | 2797 | 51 | 3394 | 1400 | 2 |
| 3 | 1400 | 0.00 | 99 | 1.84 | 8.21 | 94 | 4997 | 3 | 3.9 | 3 | 1.70 | 0.05 | 0.10 | 26.50 | 75 | 0.04 | 1.76 | 11 | 544 | 865 | 41 | 1452 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 1.89 | 8.27 | 95 | 5051 | 2 | 6.8 | 3 | 2.95 | 0.14 | 0.10 | 26.84 | 75 | 0.10 | 1.91 | 12 | 543 | 395 | 225 | 1164 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.89 | 8.35 | 96 | 5179 | 2 | 10.6 | 2 | 4.62 | 0.11 | 0.10 | 27.57 | 75 | 0.08 | 2.38 | 11 | 539 | 424 | 312 | 1277 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.89 | 8.42 | 97 | 5353 | 2 | 11.3 | 2 | 4.96 | 0.09 | 0.10 | 28.83 | 75 | 0.07 | 2.81 | 10 | 534 | 303 | 294 | 1133 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 1.89 | 8.46 | 97 | 5504 | 1 | 8.0 | 1 | 3.55 | 0.06 | 0.10 | 30.19 | 75 | 0.05 | 2.83 | 10 | 527 | 240 | 139 | 907 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.89 | 8.51 | 98 | 5590 | 1 | 13.9 | 1 | 6.15 | 0.08 | 0.10 | 31.06 | 75 | 0.06 | 3.43 | 10 | 519 | 203 | 280 | 1003 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.89 | 8.56 | 98 | 5716 | 1 | 14.7 | 1 | 6.53 | 0.06 | 0.10 | 32.83 | 75 | 0.05 | 3.96 | 10 | 509 | 153 | 231 | 894 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.89 | 8.60 | 99 | 5815 | 1 | 15.5 | 1 | 6.92 | 0.05 | 0.10 | 34.69 | 75 | 0.04 | 4.41 | 10 | 497 | 113 | 183 | 794 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.89 | 8.62 | 99 | 5891 | 0 | 16.4 | 0 | 7.33 | 0.04 | 0.10 | 36.60 | 75 | 0.03 | 4.78 | 10 | 484 | 81 | 141 | 708 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 1.94 | 8.64 | 99 | 5949 | 0 | 11.3 | 0 | 5.05 | 0.08 | 0.10 | 38.53 | 75 | 0.06 | 4.51 | 10 | 470 | 103 | 245 | 820 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 2.35 | 8.64 | 99 | 5976 | 0 | 7.2 | 0 | 3.24 | 0.56 | 0.10 | 39.61 | 75 | 0.42 | 4.05 | 10 | 455 | 680 | 1302 | 2439 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 2.36 | 8.65 | 99 | 5990 | 0 | 8.2 | 0 | 3.67 | 0.02 | 0.10 | 40.36 | 75 | 0.01 | 3.65 | 10 | 440 | 1072 | 69 | 1583 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.36 | 8.65 | 99 | 6004 | 0 | 4.2 | 0 | 1.87 | 0.00 | 0.10 | 40.98 | 75 | 0.00 | 3.07 | 10 | 423 | 264 | 4 | 693 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 2.36 | 8.65 | 99 | 6012 | 0 | 6.2 | 0 | 2.76 | 0.00 | 0.10 | 41.20 | 75 | 0.00 | 2.72 | 10 | 407 | 40 | 7 | 456 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.36 | 8.66 | 100 | 6022 | 0 | 7.1 | 0 | 3.20 | 0.00 | 0.10 | 41.57 | 75 | 0.00 | 2.48 | 10 | 390 | 20 | 9 | 421 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.36 | 8.66 | 100 | 6033 | 0 | 4.1 | 0 | 1.85 | 0.00 | 0.10 | 42.00 | 75 | 0.00 | 2.13 | 10 | 373 | 16 | 2 | 393 | 1400 | 18 |
| 19 | 1400 | 0.03 | 100 | 2.36 | 8.66 | 100 | 6038 | 0 | 8.1 | 0 | 3.64 | 0.00 | 0.10 | 42.18 | 75 | 0.00 | 2.03 | 10 | 357 | 13 | 9 | 381 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 2.50 | 8.67 | 100 | 6047 | 0 | 8.1 | 0 | 3.63 | 0.19 | 0.10 | 42.63 | 75 | 0.15 | 1.95 | 10 | 340 | 205 | 456 | 1002 | 1400 | 20 |
| 21 | 1400 | 0.00 | 99 | 2.50 | 8.67 | 100 | 6055 | 0 | 2.1 | 0 | 0.93 | 0.00 | 0.10 | 43.10 | 75 | 0.00 | 1.60 | 11 | 323 | 357 | 10 | 692 | 1400 | 21 |
| 22 | 1400 | 0.02 | 98 | 2.52 | 8.67 | 100 | 6057 | 0 | 1.1 | 0 | 0.48 | 0.02 | 0.10 | 43.11 | 75 | 0.02 | 1.30 | 14 | 307 | 110 | 6 | 425 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 2.54 | 8.67 | 100 | 6058 | 0 | 4.1 | 0 | 1.83 | 0.03 | 0.10 | 43.08 | 75 | 0.02 | 1.17 | 17 | 291 | 106 | 25 | 424 | 1400 | 23 |
| 24 | 1400 | 0.23 | 98 | 2.71 | 8.67 | 100 | 6061 | 0 | 1.1 | 0 | 0.48 | 0.23 | 0.10 | 43.21 | 75 | 0.17 | 0.99 | 18 | 276 | 424 | 83 | 784 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 2.82 | 8.67 | 100 | 6062 | 0 | 4.1 | 0 | 1.83 | 0.15 | 0.10 | 43.25 | 75 | 0.11 | 0.93 | 20 | 261 | 821 | 119 | 1202 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 2.88 | 8.67 | 100 | 6065 | 0 | 4.1 | 0 | 1.83 | 0.08 | 0.10 | 43.41 | 75 | 0.06 | 0.87 | 21 | 246 | 596 | 62 | 906 | 1400 | 26 |
| 27 | 1400 | 0.66 | 98 | 3.37 | 8.67 | 100 | 6068 | 0 | 0.1 | 0 | 0.03 | 0.64 | 0.10 | 43.53 | 75 | 0.48 | 0.79 | 22 | 233 | 1184 | 217 | 1636 | 1400 | 27 |
| 28 | 1400 | 0.13 | 98 | 3.46 | 8.67 | 100 | 6068 | 0 | 0.1 | 0 | 0.03 | 0.13 | 0.10 | 43.67 | 75 | 0.10 | 0.64 | 24 | 220 | 1870 | 34 | 2126 | 1400 | 28 |
| 29 | 1400 | 0.22 | 100 | 3.63 | 8.67 | 100 | 6068 | 0 | 3.1 | 0 | 1.38 | 0.22 | 0.10 | 43.62 | 75 | 0.17 | 0.63 | 26 | 209 | 963 | 119 | 1292 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 3.81 | 8.67 | 100 | 6070 | 0 | 3.1 | 0 | 1.37 | 0.25 | 0.10 | 43.74 | 75 | 0.19 | 0.62 | 27 | 199 | 919 | 138 | 1258 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 4.28 | 8.67 | 100 | 6071 | 0 | 4.1 | 0 | 1.82 | 0.62 | 0.10 | 43.87 | 75 | 0.47 | 0.70 | 27 | 191 | 1409 | 524 | 2126 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 4.71 | 8.67 | 100 | 6074 | 0 | 6.1 | 0 | 2.72 | 0.58 | 0.10 | 44.17 | 75 | 0.44 | 0.80 | 25 | 185 | 2051 | 749 | 2987 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 5.03 | 8.68 | 100 | 6077 | 0 | 9.0 | 0 | 4.06 | 0.42 | 0.10 | 44.53 | 75 | 0.32 | 0.92 | 24 | 180 | 1764 | 856 | 2802 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 5.03 | 8.68 | 100 | 6081 | 0 | 5.0 | 0 | 2.26 | 0.00 | 0.10 | 44.93 | 75 | 0.00 | 0.82 | 21 | 179 | 921 | 19 | 1120 | 1400 | 3 |
| 4 | 1400 | 0.01 | 100 | 5.04 | 8.68 | 100 | 6082 | 0 | 4.0 | 0 | 1.81 | 0.01 | 0.10 | 44.99 | 75 | 0.01 | 0.73 | 23 | 179 | 176 | 6 | 362 | 1400 | 4 |
| 5 | 1400 | 0.16 | 100 | 5.16 | 8.68 | 100 | 6084 | 0 | 6.0 | 0 | 2.71 | 0.16 | 0.10 | 45.01 | 75 | 0.12 | 0.71 | 25 | 182 | 217 | 178 | 578 | 1400 | 5 |
| 6 | 1400 | 1.01 | 100 | 5.91 | 8.68 | 100 | 6086 | 0 | 3.0 | 0 | 1.36 | 1.01 | 0.10 | 45.15 | 75 | 0.76 | 0.77 | 25 | 186 | 1534 | 857 | 2578 | 1400 | 6 |
| 7 | 1400 | 0.69 | 100 | 6.43 | 8.68 | 100 | 6086 | 0 | 4.0 | 0 | 1.81 | 0.69 | 0.10 | 45.45 | 75 | 0.52 | 0.78 | 24 | 192 | 3057 | 656 | 3906 | 1400 | 7 |
| 8 | 1400 | 1.14 | 100 | 7.28 | 8.68 | 100 | 6088 | 0 | 3.0 | 0 | 1.36 | 1.13 | 0.10 | 45.70 | 75 | 0.85 | 0.84 | 24 | 199 | 3300 | 1069 | 4570 | 1400 | 8 |
| 9 | 1400 | 1.58 | 100 | 8.47 | 8.68 | 100 | 6088 | 0 | 3.0 | 0 | 1.36 | 1.58 | 0.10 | 46.03 | 75 | 1.19 | 0.95 | 23 | 209 | 4584 | 1892 | 6686 | 1400 | 9 |
| 10 | 1400 | 1.71 | 100 | 9.76 | 8.68 | 100 | 6089 | 0 | 6.0 | 0 | 2.71 | 1.71 | 0.10 | 46.46 | 75 | 1.29 | 1.11 | 21 | 221 | 5284 | 3671 | 9178 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 9.76 | 8.68 | 100 | 6090 | 0 | 12.0 | 0 | 5.40 | 0.00 | 0.10 | 46.99 | 75 | 0.00 | 1.02 | 19 | 237 | 3451 | 83 | 3773 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 9.76 | 8.68 | 100 | 6092 | 0 | 11.0 | 0 | 4.95 | 0.00 | 0.10 | 47.12 | 75 | 0.00 | 0.91 | 20 | 256 | 645 | 1 | 904 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 10.18 | 8.68 | 100 | 6094 | 0 | 9.0 | 0 | 4.05 | 0.57 | 0.10 | 47.19 | 75 | 0.43 | 0.88 | 22 | 278 | 524 | 1250 | 2054 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 10.18 | 8.68 | 100 | 6095 | 0 | 4.0 | 0 | 1.81 | 0.00 | 0.10 | 47.41 | 75 | 0.00 | 0.72 | 22 | 303 | 865 | 28 | 1197 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 10.18 | 8.68 | 100 | 6095 | 0 | 3.0 | 0 | 1.36 | 0.00 | 0.10 | 47.35 | 75 | 0.00 | 0.58 | 25 | 329 | 187 | 0 | 517 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 10.18 | 8.68 | 100 | 6096 | 0 | 5.0 | 0 | 2.25 | 0.00 | 0.10 | 47.28 | 75 | 0.00 | 0.49 | 27 | 356 | 15 | 0 | 372 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 10.18 | 8.68 | 100 | 6096 | 0 | 6.0 | 0 | 2.70 | 0.00 | 0.10 | 47.23 | 75 | 0.00 | 0.41 | 29 | 383 | 1 | 0 | 384 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 10.21 | 8.68 | 100 | 6097 | 0 | 8.0 | 0 | 3.60 | 0.03 | 0.10 | 47.18 | 75 | 0.02 | 0.37 | 32 | 401 | 29 | 35 | 472 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 10.24 | 8.68 | 100 | 6097 | 0 | 10.0 | 0 | 4.50 | 0.05 | 0.10 | 47.15 | 75 | 0.04 | 0.34 | 34 | 429 | 94 | 74 | 598 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 10.55 | 8.68 | 100 | 6098 | 0 | 5.0 | 0 | 2.25 | 0.41 | 0.10 | 47.13 | 75 | 0.31 | 0.35 | 35 | 449 | 512 | 293 | 1255 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 10.55 | 8.68 | 100 | 6098 | 0 | 5.0 | 0 | 2.25 | 0.00 | 0.10 | 47.21 | 75 | 0.00 | 0.29 | 35 | 466 | 789 | 6 | 1262 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 10.61 | 8.68 | 100 | 6098 | 0 | 4.0 | 0 | 1.80 | 0.08 | 0.10 | 47.14 | 75 | 0.06 | 0.25 | 38 | 479 | 253 | 36 | 770 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 10.61 | 8.68 | 100 | 6098 | 0 | 4.0 | 0 | 1.80 | 0.00 | 0.10 | 47.09 | 75 | 0.00 | 0.21 | 41 | 490 | 167 | 0 | 659 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 10.61 | 8.68 | 100 | 6098 | 0 | 3.0 | 0 | 1.35 | 0.00 | 0.10 | 47.00 | 75 | 0.00 | 0.17 | 44 | 497 | 34 | 0 | 532 | 1400 | 24 |
| 25 | 1400 | 0.62 | 99 | 11.07 | 8.68 | 100 | 6098 | 0 | 2.0 | 0 | 0.90 | 0.61 | 0.10 | 46.91 | 75 | 0.46 | 0.24 | 47 | 502 | 584 | 185 | 1272 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 11.09 | 8.68 | 100 | 6098 | 0 | 5.0 | 0 | 2.25 | 0.02 | 0.10 | 47.04 | 75 | 0.02 | 0.20 | 42 | 505 | 1075 | 13 | 1594 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 11.10 | 8.68 | 100 | 6099 | 0 | 5.0 | 0 | 2.25 | 0.02 | 0.10 | 46.97 | 75 | 0.02 | 0.17 | 45 | 505 | 283 | 8 | 797 | 1400 | 27 |
| 28 | 1400 | 0.00 | 99 | 11.10 | 8.68 | 100 | 6099 | 0 | 2.0 | 0 | 0.90 | 0.00 | 0.10 | 46.89 | 75 | 0.00 | 0.14 | 46 | 504 | 59 | 0 | 564 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 11.10 | 8.68 | 100 | 6099 | 0 | 6.0 | 0 | 2.70 | 0.00 | 0.10 | 46.80 | 75 | 0.00 | 0.12 | 48 | 501 | 9 | 0 | 511 | 1400 | 29 |
| 30 | 1400 | 0.00 | 88 | 11.10 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 46.71 | 75 | 0.00 | 0.09 | 49 | 497 | 0 | 0 | 498 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 11.23 | 8.68 | 100 | 6099 | 0 | 6.0 | 0 | 2.70 | 0.17 | 0.10 | 46.61 | 75 | 0.13 | 0.11 | 51 | 492 | 139 | 73 | 705 | 1400 | 31 |



FORM 1312
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.57 | 81 | 11.46 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.30 | 0.10 | 46.59 | 75 | 0.22 | 0.13 | 50 | 485 | 532 | 48 | 1067 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 11.69 | 8.68 | 100 | 6099 | 0 | 4.0 | 0 | 1.80 | 0.31 | 0.10 | 46.62 | 75 | 0.23 | 0.16 | 48 | 478 | 838 | 111 | 1428 | 1400 | 2 |
| 3 | 1400 | 0.04 | 95 | 11.72 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 46.65 | 75 | 0.03 | 0.13 | 47 | 470 | 653 | 8 | 1133 | 1400 | 3 |
| 4 | 1400 | 0.26 | 88 | 11.89 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.23 | 0.10 | 46.56 | 75 | 0.17 | 0.14 | 48 | 462 | 402 | 36 | 902 | 1400 | 4 |
| 5 | 1400 | 0.56 | 62 | 12.15 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.35 | 0.10 | 46.55 | 75 | 0.26 | 0.17 | 48 | 455 | 752 | 56 | 1265 | 1400 | 5 |
| 6 | 1400 | 0.06 | 50 | 12.17 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 46.61 | 75 | 0.02 | 0.14 | 47 | 448 | 723 | 6 | 1178 | 1400 | 6 |
| 7 | 1400 | 0.00 | 74 | 12.17 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 46.53 | 75 | 0.00 | 0.11 | 48 | 443 | 192 | 0 | 635 | 1400 | 7 |
| 8 | 1400 | 0.04 | 98 | 12.20 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 46.43 | 75 | 0.03 | 0.09 | 50 | 438 | 58 | 6 | 503 | 1400 | 8 |
| 9 | 1400 | 0.09 | 98 | 12.27 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 46.34 | 75 | 0.07 | 0.08 | 51 | 434 | 146 | 13 | 594 | 1400 | 9 |
| 10 | 1400 | 0.00 | 62 | 12.27 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 46.28 | 75 | 0.00 | 0.07 | 52 | 430 | 158 | 0 | 590 | 1400 | 10 |
| 11 | 1400 | 0.00 | 39 | 12.27 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 46.18 | 75 | 0.00 | 0.05 | 53 | 426 | 32 | 0 | 459 | 1400 | 11 |
| 12 | 1400 | 0.00 | 74 | 12.27 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 46.08 | 75 | 0.00 | 0.04 | 55 | 423 | 2 | 0 | 426 | 1400 | 12 |
| 13 | 1400 | 0.00 | 81 | 12.27 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.98 | 75 | 0.00 | 0.03 | 56 | 418 | 0 | 0 | 419 | 1400 | 13 |
| 14 | 1400 | 0.01 | 95 | 12.28 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 45.88 | 75 | 0.01 | 0.03 | 57 | 414 | 7 | 1 | 423 | 1400 | 14 |
| 15 | 1400 | 0.00 | 39 | 12.28 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.78 | 75 | 0.00 | 0.02 | 57 | 408 | 13 | 0 | 422 | 1400 | 15 |
| 16 | 1400 | 0.00 | 88 | 12.28 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.68 | 75 | 0.00 | 0.02 | 58 | 401 | 2 | 0 | 405 | 1400 | 16 |
| 17 | 1400 | 0.00 | 62 | 12.28 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.58 | 75 | 0.00 | 0.01 | 58 | 394 | 0 | 0 | 395 | 1400 | 17 |
| 18 | 1400 | 0.00 | 39 | 12.28 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.48 | 75 | 0.00 | 0.01 | 59 | 385 | 0 | 0 | 386 | 1400 | 18 |
| 19 | 1400 | 0.03 | 0 | 12.28 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.38 | 75 | 0.00 | 0.01 | 59 | 376 | 0 | 0 | 376 | 1400 | 19 |
| 20 | 1400 | 0.50 | 62 | 12.65 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.50 | 0.10 | 45.29 | 75 | 0.37 | 0.09 | 59 | 365 | 373 | 63 | 803 | 1400 | 20 |
| 21 | 1400 | 0.45 | 81 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 45.39 | 75 | 0.27 | 0.13 | 51 | 354 | 1005 | 55 | 1416 | 1400 | 21 |
| 22 | 1400 | 0.00 | 23 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.44 | 75 | 0.00 | 0.10 | 49 | 344 | 740 | 1 | 1086 | 1400 | 22 |
| 23 | 1400 | 0.00 | 5 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.34 | 75 | 0.00 | 0.08 | 50 | 334 | 140 | 0 | 475 | 1400 | 23 |
| 24 | 1400 | 0.00 | 74 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.24 | 75 | 0.00 | 0.06 | 52 | 326 | 10 | 0 | 337 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.14 | 75 | 0.00 | 0.05 | 54 | 319 | 0 | 0 | 320 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 45.04 | 75 | 0.00 | 0.04 | 55 | 312 | 0 | 0 | 313 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 44.94 | 75 | 0.00 | 0.03 | 56 | 307 | 0 | 0 | 307 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 44.84 | 75 | 0.00 | 0.02 | 57 | 302 | 0 | 0 | 302 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 44.74 | 75 | 0.00 | 0.02 | 58 | 297 | 0 | 0 | 297 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 12.92 | 8.68 | 100 | 6099 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 44.71 | 75 | 0.00 | 0.01 | 58 | 292 | 0 | 0 | 292 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y



FORM 1211-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %R | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.30 | 0 | 108 | 10 | 7 | 125 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 2.00 | 18 | 0.00 | 0.24 | 37 | 107 | 6 | 0 | 115 | 1400 | 7 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.92 | 18 | 0.00 | 0.19 | 42 | 107 | 1 | 0 | 109 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.83 | 17 | 0.00 | 0.15 | 46 | 107 | 0 | 0 | 108 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.74 | 17 | 0.00 | 0.11 | 48 | 107 | 0 | 0 | 108 | 1400 | 10 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2350 | 100 | 1.2 | 38 | 0.12 | 0.05 | 0.09 | 1.65 | 17 | 0.01 | 0.09 | 49 | 107 | 14 | 2 | 125 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2355 | 99 | 2 | 38 | 0.12 | 0.05 | 0.09 | 1.60 | 16 | 0.01 | 0.07 | 51 | 107 | 40 | 2 | 151 | 1400 | 12 |
| 13 | 1400 | 0.24 | 6 | 0.00 | 0.03 | 0 | 2365 | | | 52 | 0.18 | 0.11 | 0.09 | 1.54 | 16 | 0.02 | 0.06 | 53 | 107 | 61 | 5 | 174 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 237 | | .0 | 0 | 0.00 | 0.00 | 0.09 | 1.57 | 16 | 0.00 | 0.05 | 54 | 107 | 61 | 0 | 169 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 237 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.48 | 16 | 0.00 | 0.04 | 55 | 106 | 12 | 0 | 119 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2371 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.39 | 16 | 0.00 | 0.03 | 56 | 105 | 0 | 0 | 107 | 1400 | 16 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2371 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.30 | 15 | 0.00 | 0.02 | 57 | 105 | 0 | 0 | 105 | 1400 | 17 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 1 | 2371 | 99 | 1.2 | 37 | 0.12 | 0.04 | 0.09 | 1.21 | 15 | 0.01 | 0.02 | 58 | 104 | 10 | 1 | 116 | 1400 | 18 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 1 | 2375 | 98 | 1.2 | 37 | 0.12 | 0.04 | 0.09 | 1.16 | 15 | 0.01 | 0.02 | 58 | 103 | 29 | 1 | 134 | 1400 | 19 |
| 20 | 1400 | 0.04 | 23 | 0.00 | 0.06 | 1 | 2380 | 98 | 2.3 | 65 | 0.23 | 0.16 | 0.09 | 1.11 | 14 | 0.02 | 0.02 | 58 | 101 | 58 | 6 | 167 | 1400 | 20 |
| 21 | 1400 | 0.10 | 23 | 0.01 | 0.09 | 1 | 2395 | 97 | 2.3 | 64 | 0.23 | 0.17 | 0.09 | 1.17 | 15 | 0.03 | 0.02 | 58 | 100 | 109 | 6 | 217 | 1400 | 21 |
| 22 | 1400 | 0.29 | 0 | 0.01 | 0.09 | 1 | 2410 | 97 | 0.1 | 3 | 0.01 | 0.00 | 0.09 | 1.24 | 15 | 0.00 | 0.02 | 58 | 98 | 86 | 0 | 185 | 1400 | 22 |
| 23 | 1400 | 0.01 | 23 | 0.01 | 0.11 | 2 | 2410 | 96 | 2.2 | 64 | 0.23 | 0.15 | 0.09 | 1.19 | 15 | 0.02 | 0.02 | 58 | 96 | 51 | 5 | 154 | 1400 | 23 |
| 24 | 1400 | 0.00 | 23 | 0.01 | 0.13 | 2 | 2425 | 95 | 2.2 | 63 | 0.23 | 0.14 | 0.09 | 1.23 | 15 | 0.02 | 0.02 | 58 | 95 | 97 | 5 | 198 | 1400 | 24 |
| 25 | 1400 | 0.20 | 38 | 0.01 | 0.16 | 2 | 2440 | 94 | 2.7 | 76 | 0.28 | 0.21 | 0.09 | 1.27 | 15 | 0.03 | 0.02 | 58 | 93 | 125 | 8 | 227 | 1400 | 25 |
| 26 | 1400 | 0.03 | 38 | 0.01 | 0.19 | 3 | 2462 | 93 | 2.6 | 75 | 0.28 | 0.22 | 0.09 | 1.37 | 15 | 0.03 | 0.03 | 58 | 91 | 160 | 9 | 262 | 1400 | 26 |
| 27 | 1400 | 0.00 | 53 | 0.01 | 0.24 | 4 | 2465 | 91 | 3.4 | 79 | 0.37 | 0.29 | 0.09 | 1.49 | 16 | 0.05 | 0.03 | 57 | 89 | 193 | 12 | 295 | 1400 | 27 |
| 28 | 1400 | 0.09 | 81 | 0.02 | 0.32 | 5 | 2517 | 88 | 5.1 | 86 | 0.55 | 0.55 | 0.09 | 1.66 | 17 | 0.09 | 0.05 | 57 | 87 | 303 | 24 | 416 | 1400 | 28 |
| 29 | 1400 | 0.02 | 0 | 0.02 | 0.32 | 5 | 2571 | 88 | 0.8 | 26 | 0.09 | 0.02 | 0.09 | 2.09 | 18 | 0.00 | 0.04 | 55 | 86 | 305 | 1 | 394 | 1400 | 29 |
| 30 | 1400 | 0.13 | 23 | 0.03 | 0.35 | 5 | 2575 | 87 | 1.9 | 55 | 0.22 | 0.15 | 0.09 | 2.03 | 18 | 0.03 | 0.04 | 56 | 85 | 118 | 7 | 211 | 1400 | 30 |
| 31 | 1400 | 0.09 | 67 | 0.04 | 0.41 | 6 | 2589 | 85 | 4.1 | 78 | 0.46 | 0.42 | 0.09 | 2.09 | 18 | 0.08 | 0.05 | 56 | 84 | 212 | 21 | 318 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.117 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASE | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 38 | 0.04 | 0.45 | 7 | 2635 | 83 | 2.3 | 66 | 0.27 | 0.18 | 0.09 | 2.40 | 20 | 0.04 | 0.05 | 55 | 83 | 305 | 10 | 400 | 1400 | 1 |
| 2 | 1400 | 0.23 | 0 | 0.04 | 0.45 | 7 | 2659 | 83 | 0.7 | 22 | 0.08 | 0.02 | 0.09 | 2.49 | 20 | 0.00 | 0.04 | 55 | 83 | 166 | 1 | 251 | 1400 | 2 |
| 3 | 1400 | 0.07 | 53 | 0.05 | 0.50 | 7 | 2661 | 81 | 3.1 | 69 | 0.36 | 0.29 | 0.09 | 2.45 | 20 | 0.06 | 0.04 | 56 | 84 | 131 | 15 | 232 | 1400 | 3 |
| 4 | 1400 | 0.00 | 96 | 0.05 | 0.67 | 10 | 2695 | 77 | 8.6 | 80 | 1.02 | 0.81 | 0.09 | 2.64 | 21 | 0.17 | 0.08 | 56 | 85 | 459 | 48 | 594 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.05 | 0.99 | 15 | 2783 | 69 | 12.4 | 77 | 1.55 | 1.18 | 0.09 | 3.39 | 27 | 0.32 | 0.16 | 52 | 87 | 1138 | 98 | 1324 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.05 | 1.44 | 21 | 2932 | 58 | 13.1 | 69 | 1.79 | 1.23 | 0.09 | 4.55 | 36 | 0.45 | 0.29 | 47 | 90 | 2053 | 198 | 2342 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.05 | 1.89 | 28 | 3146 | 50 | 11.7 | 58 | 1.84 | 1.07 | 0.09 | 5.81 | 42 | 0.45 | 0.43 | 37 | 93 | 2870 | 273 | 3237 | 1400 | 7 |
| 8 | 1400 | 0.00 | 96 | 0.05 | 2.25 | 34 | 3325 | 43 | 8.4 | 50 | 1.57 | 0.78 | 0.09 | 6.95 | 46 | 0.36 | 0.51 | 31 | 98 | 3133 | 242 | 3474 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.05 | 2.78 | 41 | 3466 | 35 | 12.2 | 43 | 2.57 | 1.11 | 0.09 | 7.85 | 48 | 0.53 | 0.73 | 29 | 104 | 3381 | 568 | 4053 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.05 | 3.32 | 50 | 3633 | 28 | 11.9 | 35 | 2.95 | 1.04 | 0.09 | 9.39 | 53 | 0.55 | 0.98 | 25 | 112 | 4154 | 814 | 5082 | 1400 | 10 |
| 11 | 1400 | 0.00 | 96 | 0.05 | 3.71 | 55 | 3784 | 23 | 8.1 | 28 | 2.40 | 0.67 | 0.09 | 11.04 | 57 | 0.39 | 1.13 | 20 | 123 | 4072 | 582 | 4778 | 1400 | 11 |
| 12 | 1400 | 0.06 | 96 | 0.08 | 3.94 | 59 | 3890 | 20 | 5.7 | 21 | 1.80 | 0.44 | 0.09 | 12.20 | 61 | 0.27 | 1.15 | 19 | 136 | 3228 | 349 | 3715 | 1400 | 12 |
| 13 | 1400 | 0.00 | 86 | 0.08 | 4.03 | 60 | 3955 | 19 | 2.5 | 17 | 0.83 | 0.14 | 0.09 | 12.88 | 64 | 0.09 | 1.00 | 19 | 153 | 2105 | 73 | 2332 | 1400 | 13 |
| 14 | 1400 | 0.06 | 90 | 0.12 | 4.15 | 62 | 3970 | 19 | 3.4 | 16 | 1.15 | 0.24 | 0.09 | 13.05 | 65 | 0.15 | 0.93 | 20 | 172 | 1260 | 145 | 1578 | 1400 | 14 |
| 15 | 1400 | 0.57 | 67 | 0.37 | 4.17 | 62 | 3988 | 18 | 1.0 | 9 | 0.35 | 0.41 | 0.09 | 13.33 | 67 | 0.28 | 0.81 | 21 | 195 | 1727 | 208 | 2131 | 1400 | 15 |
| 16 | 1400 | 0.00 | 95 | 0.37 | 4.32 | 64 | 3992 | 17 | 4.3 | 15 | 1.47 | 0.22 | 0.09 | 13.48 | 67 | 0.15 | 0.82 | 23 | 220 | 2024 | 154 | 2400 | 1400 | 16 |
| 17 | 1400 | 0.05 | 86 | 0.42 | 4.39 | 66 | 4047 | 17 | 2.2 | 14 | 0.77 | 0.17 | 0.09 | 13.81 | 69 | 0.12 | 0.75 | 23 | 248 | 1394 | 88 | 1731 | 1400 | 17 |
| 18 | 1400 | 0.02 | 96 | 0.43 | 4.63 | 69 | 4084 | 15 | 5.7 | 17 | 2.02 | 0.36 | 0.09 | 13.94 | 70 | 0.25 | 0.92 | 24 | 277 | 1436 | 341 | 2056 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.43 | 4.97 | 74 | 4203 | 13 | 8.6 | 15 | 3.11 | 0.47 | 0.09 | 14.54 | 73 | 0.34 | 1.30 | 21 | 308 | 2081 | 885 | 3275 | 1400 | 19 |
| 20 | 1400 | 0.03 | 96 | 0.45 | 5.19 | 77 | 4374 | 11 | 6.3 | 13 | 2.39 | 0.33 | 0.09 | 15.46 | 75 | 0.25 | 1.46 | 17 | 340 | 2308 | 563 | 3212 | 1400 | 20 |
| 21 | 1400 | 0.24 | 86 | 0.61 | 5.22 | 78 | 4487 | 11 | 1.5 | 7 | 0.58 | 0.25 | 0.09 | 16.06 | 75 | 0.19 | 1.25 | 15 | 372 | 2055 | 172 | 2601 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 0.61 | 5.57 | 83 | 4504 | 8 | 11.1 | 11 | 4.35 | 0.46 | 0.09 | 16.15 | 75 | 0.35 | 1.89 | 18 | 404 | 1947 | 1608 | 3961 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.61 | 5.94 | 89 | 4679 | 6 | 14.8 | 8 | 6.02 | 0.49 | 0.09 | 17.47 | 75 | 0.37 | 2.90 | 11 | 435 | 1863 | 2609 | 4909 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.61 | 6.11 | 91 | 4865 | 4 | 10.2 | 5 | 4.30 | 0.23 | 0.09 | 19.58 | 75 | 0.18 | 3.16 | 10 | 465 | 1454 | 1026 | 2946 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.61 | 6.28 | 94 | 4954 | 3 | 12.1 | 4 | 5.17 | 0.22 | 0.09 | 20.86 | 75 | 0.16 | 3.60 | 10 | 494 | 1036 | 1070 | 2601 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.61 | 6.40 | 96 | 6024 | 2 | 13.0 | 3 | 5.63 | 0.17 | 0.09 | 22.51 | 75 | 0.13 | 4.08 | 10 | 521 | 763 | 891 | 2177 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 0.62 | 6.46 | 96 | 6078 | 2 | 8.9 | 2 | 3.90 | 0.09 | 0.09 | 24.36 | 75 | 0.07 | 3.96 | 10 | 547 | 563 | 354 | 1465 | 1400 | 27 |
| 28 | 1400 | 0.00 | 96 | 0.62 | 6.47 | 97 | 6104 | 2 | 0.8 | 2 | 0.37 | 0.01 | 0.09 | 25.44 | 75 | 0.00 | 3.17 | 10 | 570 | 340 | 10 | 921 | 1400 | 28 |
| 29 | 1400 | 0.11 | 96 | 0.70 | 6.47 | 97 | 6106 | 2 | 0.8 | 2 | 0.37 | 0.11 | 0.09 | 25.44 | 75 | 0.08 | 2.56 | 10 | 591 | 367 | 59 | 1019 | 1400 | 29 |
| 30 | 1400 | 0.88 | 90 | 1.29 | 6.47 | 97 | 6108 | 2 | 0.0 | 0 | 0.00 | 0.80 | 0.09 | 25.48 | 75 | 0.60 | 2.14 | 10 | 609 | 2456 | 604 | 3671 | 1400 | 30 |

FORM 1611-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.441 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1971 | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 90 | 1.88 | 6.47 | 97 | 6108 | 2 | 0.0 | 0 | 0.00 | 0.79 | 0.09 | 25.65 | 75 | 0.59 | 1.81 | 10 | 625 | 5545 | 605 | 6776 | 1400 | 1 |
| 2 | 1400 | 0.09 | 95 | 1.95 | 6.47 | 97 | 6108 | 2 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 25.83 | 75 | 0.06 | 1.43 | 12 | 638 | 4463 | 48 | 5151 | 1400 | 2 |
| 3 | 1400 | 0.00 | 96 | 1.95 | 6.48 | 97 | 6108 | 2 | 1.8 | 2 | 0.81 | 0.01 | 0.10 | 25.76 | 75 | 0.01 | 1.25 | 16 | 648 | 1228 | 8 | 1886 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 1.99 | 6.50 | 97 | 6112 | 1 | 4.8 | 1 | 2.13 | 0.09 | 0.10 | 25.86 | 75 | 0.07 | 1.36 | 17 | 656 | 380 | 134 | 1172 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.99 | 6.54 | 98 | 6122 | 1 | 8.8 | 1 | 3.90 | 0.05 | 0.10 | 26.34 | 75 | 0.04 | 1.79 | 16 | 662 | 430 | 161 | 1255 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.99 | 6.58 | 98 | 6139 | 1 | 9.8 | 1 | 4.34 | 0.05 | 0.10 | 27.37 | 75 | 0.03 | 2.22 | 12 | 664 | 275 | 183 | 1124 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 2.00 | 6.60 | 98 | 6153 | 1 | 6.8 | 1 | 3.01 | 0.03 | 0.10 | 28.53 | 75 | 0.03 | 2.25 | 10 | 665 | 209 | 93 | 969 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.00 | 6.62 | 99 | 6161 | 1 | 12.7 | 1 | 5.68 | 0.04 | 0.10 | 29.22 | 75 | 0.03 | 2.86 | 10 | 663 | 178 | 197 | 1040 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.00 | 6.64 | 99 | 6173 | 0 | 13.7 | 0 | 6.14 | 0.03 | 0.10 | 30.80 | 75 | 0.02 | 3.36 | 10 | 659 | 124 | 156 | 941 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.00 | 6.66 | 99 | 6182 | 0 | 14.7 | 0 | 6.59 | 0.02 | 0.10 | 32.43 | 75 | 0.02 | 3.74 | 10 | 654 | 84 | 116 | 855 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 2.00 | 6.67 | 100 | 6189 | 0 | 15.7 | 0 | 7.04 | 0.01 | 0.10 | 34.03 | 75 | 0.01 | 3.94 | 10 | 646 | 55 | 82 | 785 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 2.05 | 6.67 | 100 | 6193 | 0 | 10.7 | 0 | 4.80 | 0.07 | 0.10 | 35.48 | 75 | 0.05 | 3.59 | 10 | 637 | 108 | 306 | 1052 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 2.46 | 6.68 | 100 | 6195 | 0 | 6.7 | 0 | 3.00 | 0.55 | 0.10 | 36.16 | 75 | 0.41 | 3.16 | 10 | 626 | 1064 | 1787 | 3479 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 2.47 | 6.68 | 100 | 6196 | 0 | 7.7 | 0 | 3.45 | 0.01 | 0.10 | 36.65 | 75 | 0.01 | 2.74 | 10 | 614 | 1714 | 78 | 2408 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.47 | 6.68 | 100 | 6196 | 0 | 3.7 | 0 | 1.65 | 0.00 | 0.10 | 36.95 | 75 | 0.00 | 2.25 | 10 | 600 | 403 | 2 | 1006 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 2.47 | 6.68 | 100 | 6197 | 0 | 5.7 | 0 | 2.55 | 0.00 | 0.10 | 37.01 | 75 | 0.00 | 1.92 | 10 | 586 | 43 | 2 | 632 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.47 | 6.68 | 100 | 6197 | 0 | 6.7 | 0 | 3.00 | 0.00 | 0.10 | 37.14 | 75 | 0.00 | 1.67 | 11 | 570 | 10 | 3 | 585 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.47 | 6.68 | 100 | 6198 | 0 | 3.7 | 0 | 1.65 | 0.00 | 0.10 | 37.29 | 75 | 0.00 | 1.39 | 13 | 553 | 7 | 0 | 562 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.47 | 6.68 | 100 | 6198 | 0 | 7.7 | 0 | 3.45 | 0.00 | 0.10 | 37.31 | 75 | 0.00 | 1.25 | 16 | 536 | 5 | 3 | 546 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 2.61 | 6.68 | 100 | 6198 | 0 | 7.7 | 0 | 3.45 | 0.19 | 0.10 | 37.45 | 75 | 0.14 | 1.14 | 18 | 519 | 306 | 523 | 1350 | 1400 | 20 |
| 21 | 1400 | 0.00 | 96 | 2.61 | 6.68 | 100 | 6199 | 0 | 1.7 | 0 | 0.76 | 0.00 | 0.10 | 37.62 | 75 | 0.00 | 0.92 | 19 | 501 | 550 | 11 | 1064 | 1400 | 21 |
| 22 | 1400 | 0.02 | 96 | 2.62 | 6.68 | 100 | 6199 | 0 | 0.7 | 0 | 0.31 | 0.02 | 0.10 | 37.56 | 75 | 0.01 | 0.73 | 21 | 482 | 162 | 7 | 653 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 2.65 | 6.68 | 100 | 6199 | 0 | 3.7 | 0 | 1.65 | 0.03 | 0.10 | 37.48 | 75 | 0.02 | 0.63 | 25 | 464 | 146 | 26 | 638 | 1400 | 23 |
| 24 | 1400 | 0.23 | 96 | 2.81 | 6.68 | 100 | 6199 | 0 | 0.7 | 0 | 0.31 | 0.22 | 0.10 | 37.47 | 75 | 0.17 | 0.54 | 26 | 446 | 581 | 92 | 1120 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 2.92 | 6.68 | 100 | 6199 | 0 | 3.7 | 0 | 1.65 | 0.15 | 0.10 | 37.47 | 75 | 0.11 | 0.49 | 28 | 427 | 1132 | 131 | 1692 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 2.98 | 6.68 | 100 | 6199 | 0 | 3.7 | 0 | 1.65 | 0.08 | 0.10 | 37.50 | 75 | 0.06 | 0.44 | 29 | 409 | 837 | 68 | 1315 | 1400 | 26 |
| 27 | 1400 | 0.66 | 96 | 3.46 | 6.68 | 100 | 6199 | 0 | 0.0 | 0 | 0.00 | 0.64 | 0.10 | 37.49 | 75 | 0.48 | 0.45 | 31 | 391 | 1617 | 271 | 2280 | 1400 | 27 |
| 28 | 1400 | 0.13 | 96 | 3.56 | 6.68 | 100 | 6199 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 37.62 | 75 | 0.09 | 0.37 | 31 | 374 | 2536 | 47 | 2958 | 1400 | 28 |
| 29 | 1400 | 0.22 | 98 | 3.72 | 6.68 | 100 | 6199 | 0 | 2.7 | 0 | 1.20 | 0.22 | 0.10 | 37.57 | 75 | 0.16 | 0.36 | 33 | 358 | 1318 | 136 | 1813 | 1400 | 29 |
| 30 | 1400 | 0.25 | 98 | 3.90 | 6.68 | 100 | 6199 | 0 | 2.7 | 0 | 1.20 | 0.25 | 0.10 | 37.60 | 75 | 0.18 | 0.34 | 34 | 342 | 1267 | 155 | 1765 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 4.37 | 6.68 | 100 | 6199 | 0 | 3.7 | 0 | 1.65 | 0.62 | 0.10 | 37.63 | 75 | 0.47 | 0.40 | 35 | 328 | 1968 | 571 | 2868 | 1400 | 31 |



FORM 1411-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400

JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 4.80 | 6.68 | 100 | 6199 | 0 | 5.7 | 0 | 2.55 | 0.58 | 0.10 | 37.81 | 75 | 0.44 | 0.46 | 32 | 315 | 2941 | 870 | 4127 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 5.12 | 6.69 | 100 | 6199 | 0 | 8.7 | 0 | 3.90 | 0.42 | 0.10 | 38.00 | 75 | 0.32 | 0.49 | 30 | 304 | 2617 | 998 | 3921 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 5.12 | 6.69 | 100 | 6199 | 0 | 4.7 | 0 | 2.10 | 0.00 | 0.10 | 38.17 | 75 | 0.00 | 0.41 | 29 | 296 | 1408 | 22 | 1726 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 5.12 | 6.69 | 100 | 6200 | 0 | 3.7 | 0 | 1.65 | 0.00 | 0.10 | 38.11 | 75 | 0.00 | 0.35 | 32 | 289 | 259 | 3 | 553 | 1400 | 4 |
| 5 | 1400 | 0.09 | 100 | 5.19 | 6.69 | 100 | 6200 | 0 | 5.7 | 0 | 2.55 | 0.09 | 0.10 | 38.04 | 75 | 0.07 | 0.31 | 35 | 285 | 177 | 97 | 561 | 1400 | 5 |
| 6 | 1400 | 0.55 | 98 | 5.60 | 6.69 | 100 | 6200 | 0 | 2.7 | 0 | 1.20 | 0.54 | 0.10 | 38.02 | 75 | 0.41 | 0.34 | 36 | 284 | 1168 | 372 | 1825 | 1400 | 6 |
| 7 | 1400 | 0.38 | 100 | 5.80 | 6.69 | 100 | 6200 | 0 | 3.7 | 0 | 1.65 | 0.38 | 0.10 | 38.14 | 75 | 0.28 | 0.35 | 35 | 285 | 2333 | 310 | 2930 | 1400 | 7 |
| 8 | 1400 | 0.62 | 98 | 6.34 | 6.69 | 100 | 6200 | 0 | 2.7 | 0 | 1.20 | 0.61 | 0.10 | 38.21 | 75 | 0.46 | 0.38 | 35 | 289 | 2550 | 454 | 3295 | 1400 | 8 |
| 9 | 1400 | 0.86 | 98 | 6.97 | 6.69 | 100 | 6200 | 0 | 2.7 | 0 | 1.20 | 0.85 | 0.10 | 38.35 | 75 | 0.64 | 0.44 | 33 | 296 | 3623 | 752 | 4672 | 1400 | 9 |
| 10 | 1400 | 0.94 | 100 | 7.68 | 6.69 | 100 | 6200 | 0 | 5.7 | 0 | 2.55 | 0.93 | 0.10 | 38.55 | 75 | 0.70 | 0.52 | 31 | 304 | 4481 | 1661 | 6448 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 7.68 | 6.69 | 100 | 6200 | 0 | 11.7 | 0 | 5.25 | 0.00 | 0.10 | 38.79 | 75 | 0.00 | 0.44 | 29 | 316 | 3159 | 37 | 3513 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 7.68 | 6.69 | 100 | 6200 | 0 | 10.7 | 0 | 4.80 | 0.00 | 0.10 | 38.74 | 75 | 0.00 | 0.36 | 31 | 329 | 600 | 0 | 930 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 8.10 | 6.69 | 100 | 6200 | 0 | 8.7 | 0 | 3.90 | 0.57 | 0.10 | 38.67 | 75 | 0.43 | 0.39 | 34 | 346 | 777 | 1233 | 2357 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 8.10 | 6.69 | 100 | 6200 | 0 | 3.7 | 0 | 1.65 | 0.00 | 0.10 | 38.80 | 75 | 0.00 | 0.31 | 32 | 365 | 1332 | 27 | 1725 | 1400 | 14 |
| 15 | 1400 | 0.00 | 98 | 8.10 | 6.69 | 100 | 6200 | 0 | 2.7 | 0 | 1.20 | 0.00 | 0.10 | 38.71 | 75 | 0.00 | 0.25 | 36 | 386 | 288 | 0 | 675 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 8.10 | 6.69 | 100 | 6200 | 0 | 4.7 | 0 | 2.10 | 0.00 | 0.10 | 38.61 | 75 | 0.00 | 0.20 | 41 | 409 | 22 | 0 | 432 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 8.10 | 6.69 | 100 | 6200 | 0 | 5.7 | 0 | 2.55 | 0.00 | 0.10 | 38.52 | 75 | 0.00 | 0.16 | 45 | 434 | 1 | 0 | 436 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 8.13 | 6.69 | 100 | 6200 | 0 | 7.7 | 0 | 3.45 | 0.03 | 0.10 | 38.43 | 75 | 0.02 | 0.14 | 47 | 460 | 38 | 28 | 528 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 8.16 | 6.69 | 100 | 6200 | 0 | 9.7 | 0 | 4.35 | 0.05 | 0.10 | 38.35 | 75 | 0.04 | 0.12 | 48 | 487 | 127 | 61 | 677 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 8.47 | 6.69 | 100 | 6200 | 0 | 4.7 | 0 | 2.10 | 0.41 | 0.10 | 38.28 | 75 | 0.31 | 0.16 | 49 | 514 | 663 | 249 | 1427 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 8.47 | 6.69 | 100 | 6200 | 0 | 4.7 | 0 | 2.10 | 0.00 | 0.10 | 38.34 | 75 | 0.00 | 0.13 | 47 | 540 | 1011 | 5 | 1557 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 8.53 | 6.69 | 100 | 6200 | 0 | 3.7 | 0 | 1.65 | 0.08 | 0.10 | 38.24 | 75 | 0.06 | 0.12 | 48 | 565 | 326 | 37 | 930 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 8.53 | 6.69 | 100 | 6200 | 0 | 3.7 | 0 | 1.65 | 0.00 | 0.10 | 38.17 | 75 | 0.00 | 0.09 | 49 | 589 | 217 | 0 | 808 | 1400 | 23 |
| 24 | 1400 | 0.00 | 98 | 8.53 | 6.69 | 100 | 6200 | 0 | 2.7 | 0 | 1.20 | 0.00 | 0.10 | 38.08 | 75 | 0.00 | 0.07 | 51 | 611 | 44 | 0 | 656 | 1400 | 24 |
| 25 | 1400 | 0.62 | 96 | 8.98 | 6.69 | 100 | 6200 | 0 | 1.7 | 0 | 0.75 | 0.60 | 0.10 | 37.98 | 75 | 0.45 | 0.15 | 53 | 631 | 781 | 204 | 1617 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 9.00 | 6.69 | 100 | 6200 | 0 | 4.7 | 0 | 2.10 | 0.02 | 0.10 | 38.10 | 75 | 0.02 | 0.13 | 47 | 649 | 1440 | 15 | 2106 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 9.01 | 6.69 | 100 | 6200 | 0 | 4.7 | 0 | 2.10 | 0.02 | 0.10 | 38.01 | 75 | 0.02 | 0.10 | 49 | 664 | 383 | 11 | 1059 | 1400 | 27 |
| 28 | 1400 | 0.00 | 96 | 9.01 | 6.69 | 100 | 6200 | 0 | 1.7 | 0 | 0.75 | 0.00 | 0.10 | 37.92 | 75 | 0.00 | 0.08 | 50 | 677 | 83 | 0 | 762 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 9.01 | 6.69 | 100 | 6200 | 0 | 5.7 | 0 | 2.55 | 0.00 | 0.10 | 37.82 | 75 | 0.00 | 0.07 | 52 | 688 | 12 | 0 | 702 | 1400 | 29 |
| 30 | 1400 | 0.00 | 90 | 9.01 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.72 | 75 | 0.00 | 0.05 | 53 | 698 | 0 | 0 | 699 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 9.14 | 6.69 | 100 | 6200 | 0 | 5.7 | 0 | 2.55 | 0.17 | 0.10 | 37.62 | 75 | 0.13 | 0.07 | 55 | 705 | 200 | 88 | 993 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 86 | 9.58 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.32 | 0.10 | 37.59 | 75 | 0.24 | 0.11 | 53 | 710 | 784 | 72 | 1567 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 9.61 | 6.69 | 100 | 6200 | 0 | 3.7 | 0 | 1.65 | 0.31 | 0.10 | 37.62 | 75 | 0.23 | 0.13 | 50 | 713 | 1259 | 152 | 2125 | 1400 | 2 |
| 3 | 1400 | 0.04 | 95 | 9.64 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 37.64 | 75 | 0.03 | 0.11 | 48 | 715 | 980 | 12 | 1709 | 1400 | 3 |
| 4 | 1400 | 0.26 | 90 | 9.82 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.10 | 37.56 | 75 | 0.18 | 0.12 | 49 | 715 | 612 | 56 | 1384 | 1400 | 4 |
| 5 | 1400 | 0.56 | 67 | 10.10 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.37 | 0.10 | 37.55 | 75 | 0.28 | 0.16 | 49 | 714 | 1186 | 91 | 1992 | 1400 | 5 |
| 6 | 1400 | 0.06 | 53 | 10.12 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 37.61 | 75 | 0.02 | 0.13 | 47 | 712 | 1165 | 9 | 1888 | 1400 | 6 |
| 7 | 1400 | 0.00 | 81 | 10.12 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.53 | 75 | 0.00 | 0.10 | 49 | 709 | 309 | 0 | 1019 | 1400 | 7 |
| 8 | 1400 | 0.04 | 96 | 10.15 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 37.43 | 75 | 0.03 | 0.09 | 50 | 706 | 90 | 9 | 806 | 1400 | 8 |
| 9 | 1400 | 0.09 | 96 | 10.21 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 37.35 | 75 | 0.07 | 0.08 | 51 | 703 | 220 | 20 | 944 | 1400 | 9 |
| 10 | 1400 | 0.00 | 67 | 10.21 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.28 | 75 | 0.00 | 0.06 | 52 | 700 | 237 | 0 | 938 | 1400 | 10 |
| 11 | 1400 | 0.00 | 38 | 10.21 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.18 | 75 | 0.00 | 0.05 | 54 | 696 | 48 | 0 | 745 | 1400 | 11 |
| 12 | 1400 | 0.00 | 81 | 10.21 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.08 | 75 | 0.00 | 0.04 | 55 | 693 | 3 | 0 | 697 | 1400 | 12 |
| 13 | 1400 | 0.00 | 86 | 10.21 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.98 | 75 | 0.00 | 0.03 | 56 | 690 | 0 | 0 | 691 | 1400 | 13 |
| 14 | 1400 | 0.01 | 95 | 10.22 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 36.88 | 75 | 0.01 | 0.03 | 57 | 686 | 11 | 1 | 700 | 1400 | 14 |
| 15 | 1400 | 0.00 | 38 | 10.22 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.78 | 75 | 0.00 | 0.02 | 57 | 682 | 20 | 0 | 704 | 1400 | 15 |
| 16 | 1400 | 0.00 | 90 | 10.22 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.68 | 75 | 0.00 | 0.02 | 58 | 678 | 4 | 0 | 683 | 1400 | 16 |
| 17 | 1400 | 0.00 | 67 | 10.22 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.58 | 75 | 0.00 | 0.01 | 58 | 673 | 0 | 0 | 673 | 1400 | 17 |
| 18 | 1400 | 0.00 | 38 | 10.22 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.48 | 75 | 0.00 | 0.01 | 59 | 666 | 0 | 0 | 667 | 1400 | 18 |
| 19 | 1400 | 0.03 | 0 | 10.22 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.38 | 75 | 0.00 | 0.01 | 59 | 659 | 0 | 0 | 659 | 1400 | 19 |
| 20 | 1400 | 0.80 | 67 | 10.62 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.54 | 0.10 | 36.29 | 75 | 0.40 | 0.09 | 59 | 650 | 615 | 104 | 1371 | 1400 | 20 |
| 21 | 1400 | 0.45 | 86 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.39 | 0.10 | 36.40 | 75 | 0.29 | 0.13 | 51 | 641 | 1655 | 92 | 2389 | 1400 | 21 |
| 22 | 1400 | 0.00 | 23 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.46 | 75 | 0.00 | 0.11 | 48 | 630 | 1219 | 2 | 1853 | 1400 | 22 |
| 23 | 1400 | 0.00 | 6 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.36 | 75 | 0.00 | 0.08 | 50 | 619 | 230 | 0 | 850 | 1400 | 23 |
| 24 | 1400 | 0.00 | 81 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.26 | 75 | 0.00 | 0.07 | 52 | 607 | 17 | 0 | 625 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.16 | 75 | 0.00 | 0.05 | 53 | 595 | 0 | 0 | 597 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.06 | 75 | 0.00 | 0.04 | 55 | 584 | 0 | 0 | 584 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 35.96 | 75 | 0.00 | 0.03 | 56 | 572 | 0 | 0 | 573 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 35.86 | 75 | 0.00 | 0.02 | 57 | 562 | 0 | 0 | 562 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 35.76 | 75 | 0.00 | 0.02 | 58 | 551 | 0 | 0 | 552 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 10.91 | 6.69 | 100 | 6200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 35.73 | 75 | 0.00 | 0.02 | 58 | 541 | 0 | 0 | 542 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y

BASIN RESULTS - STATION 21.6 MACLAREN GLACIER

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1000 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SLA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.30 | 0 | 10 | 10 | 10 | 30 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 4.00 | 95 | 0.00 | 0.24 | 99 | 9 | 7 | 2 | 19 | 1400 | 7 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.95 | 95 | 0.00 | 0.19 | 99 | 7 | 2 | 0 | 9 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.90 | 95 | 0.00 | 0.15 | 99 | 4 | 0 | 0 | 5 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.85 | 95 | 0.00 | 0.11 | 99 | 2 | 0 | 0 | 2 | 1400 | 10 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.9 | 7 | 0.10 | 0.01 | 0.05 | 3.80 | 95 | 0.01 | 0.09 | 99 | 1 | 0 | 0 | 2 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.05 | 3.75 | 95 | 0.01 | 0.07 | 100 | 2 | 0 | 0 | 3 | 1400 | 12 |
| 13 | 1400 | 0.24 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.05 | 3.70 | 95 | 0.02 | 0.06 | 100 | 5 | 0 | 0 | 6 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.67 | 95 | 0.00 | 0.05 | 00 | 8 | 0 | 0 | 9 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.62 | 95 | 0.00 | 0.04 | 100 | 8 | 0 | 0 | 8 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.57 | 95 | 0.00 | 0.03 | 100 | 5 | 0 | 0 | 6 | 1400 | 16 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.52 | 95 | 0.00 | 0.02 | 100 | 3 | 0 | 0 | 3 | 1400 | 17 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.05 | 3.47 | 95 | 0.01 | 0.02 | 100 | 2 | 0 | 0 | 2 | 1400 | 18 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.05 | 3.42 | 95 | 0.01 | 0.02 | 100 | 3 | 0 | 0 | 3 | 1400 | 19 |
| 20 | 1400 | 0.04 | 3 | 0.00 | 0.08 | 0 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.05 | 3.37 | 95 | 0.03 | 0.02 | 100 | 7 | 0 | 0 | 8 | 1400 | 20 |
| 21 | 1400 | 0.10 | 3 | 0.00 | 0.11 | 0 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.05 | 3.33 | 95 | 0.04 | 0.02 | 100 | 16 | 0 | 0 | 17 | 1400 | 21 |
| 22 | 1400 | 0.29 | 0 | 0.00 | 0.11 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 3.29 | 95 | 0.00 | 0.02 | 100 | 23 | 0 | 0 | 24 | 1400 | 22 |
| 23 | 1400 | 0.01 | 3 | 0.00 | 0.15 | 0 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.05 | 3.26 | 95 | 0.03 | 0.02 | 100 | 24 | 0 | 0 | 25 | 1400 | 23 |
| 24 | 1400 | 0.00 | 3 | 0.00 | 0.18 | 0 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.05 | 3.21 | 95 | 0.03 | 0.02 | 100 | 26 | 0 | 0 | 26 | 1400 | 24 |
| 25 | 1400 | 0.00 | 8 | 0.00 | 0.23 | 0 | 3150 | 100 | 2.4 | 19 | 0.29 | 0.06 | 0.05 | 3.16 | 95 | 0.05 | 0.03 | 100 | 32 | 0 | 0 | 33 | 1400 | 25 |
| 26 | 1400 | 0.03 | 8 | 0.01 | 0.29 | 0 | 3150 | 100 | 2.4 | 19 | 0.29 | 0.06 | 0.05 | 3.11 | 95 | 0.06 | 0.04 | 100 | 41 | 0 | 0 | 42 | 1400 | 26 |
| 27 | 1400 | 0.00 | 12 | 0.01 | 0.37 | 0 | 3150 | 100 | 3.0 | 24 | 0.35 | 0.08 | 0.05 | 3.07 | 95 | 0.08 | 0.05 | 100 | 53 | 0 | 0 | 54 | 1400 | 27 |
| 28 | 1400 | 0.09 | 20 | 0.02 | 0.48 | 0 | 3150 | 100 | 1.9 | 50 | 0.23 | 0.13 | 0.05 | 3.02 | 95 | 0.13 | 0.06 | 100 | 70 | 0 | 0 | 71 | 1400 | 28 |
| 29 | 1400 | 0.02 | 0 | 0.02 | 0.48 | 0 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.05 | 2.99 | 95 | 0.01 | 0.05 | 100 | 84 | 0 | 0 | 84 | 1400 | 29 |
| 30 | 1400 | 0.13 | 3 | 0.03 | 0.52 | 1 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.05 | 2.94 | 95 | 0.04 | 0.05 | 100 | 78 | 0 | 0 | 78 | 1400 | 30 |
| 31 | 1400 | 0.09 | 16 | 0.04 | 0.62 | 1 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.12 | 0.05 | 2.90 | 95 | 0.11 | 0.06 | 100 | 69 | 0 | 0 | 70 | 1400 | 31 |

FORM 14113

PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 8 | 0.04 | 0.67 | 1 | 3150 | 100 | 2.4 | 19 | 0.29 | 0.06 | 0.05 | 2.86 | 95 | 0.06 | 0.06 | 100 | 75 | 0 | 0 | 75 | 1400 | 1 |
| 2 | 1400 | 0.23 | 0 | 0.04 | 0.68 | 1 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.06 | 2.82 | 95 | 0.01 | 0.05 | 100 | 74 | 0 | 0 | 75 | 1400 | 2 |
| 3 | 1400 | 0.07 | 12 | 0.05 | 0.76 | 1 | 3150 | 100 | 3.0 | 24 | 0.35 | 0.09 | 0.06 | 2.77 | 95 | 0.09 | 0.06 | 100 | 66 | 0 | 0 | 66 | 1400 | 3 |
| 4 | 1400 | 0.00 | 66 | 0.05 | 1.23 | 1 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.50 | 0.06 | 2.73 | 95 | 0.47 | 0.15 | 100 | 101 | 0 | 0 | 102 | 1400 | 4 |
| 5 | 1400 | 0.00 | 97 | 0.05 | 2.19 | 2 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 2.69 | 95 | 0.96 | 0.32 | 99 | 255 | 3 | 0 | 259 | 1400 | 5 |
| 6 | 1400 | 0.00 | 98 | 0.05 | 3.27 | 3 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.06 | 2.68 | 95 | 1.08 | 0.48 | 98 | 525 | 10 | 0 | 536 | 1400 | 6 |
| 7 | 1400 | 0.00 | 97 | 0.05 | 4.23 | 4 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 2.68 | 95 | 0.96 | 0.58 | 98 | 794 | 18 | 0 | 814 | 1400 | 7 |
| 8 | 1400 | 0.00 | 75 | 0.05 | 4.82 | 5 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.62 | 0.06 | 2.67 | 95 | 0.59 | 0.59 | 97 | 936 | 22 | 0 | 959 | 1400 | 8 |
| 9 | 1400 | 0.00 | 98 | 0.05 | 5.40 | 6 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.06 | 2.64 | 95 | 1.08 | 0.69 | 97 | 965 | 26 | 0 | 992 | 1400 | 9 |
| 10 | 1400 | 0.00 | 98 | 0.05 | 6.97 | 7 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.06 | 2.63 | 95 | 1.08 | 0.77 | 97 | 1007 | 34 | 0 | 1043 | 1400 | 10 |
| 11 | 1400 | 0.00 | 85 | 0.05 | 7.69 | 8 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.06 | 2.63 | 95 | 0.71 | 0.76 | 96 | 1054 | 37 | 0 | 1093 | 1400 | 11 |
| 12 | 1400 | 0.06 | 66 | 0.09 | 8.16 | 8 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.54 | 0.06 | 2.61 | 95 | 0.51 | 0.71 | 96 | 1008 | 31 | 0 | 1040 | 1400 | 12 |
| 13 | 1400 | 0.00 | 25 | 0.09 | 8.34 | 8 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.19 | 0.06 | 2.58 | 95 | 0.18 | 0.59 | 96 | 855 | 20 | 0 | 877 | 1400 | 13 |
| 14 | 1400 | 0.06 | 38 | 0.11 | 8.60 | 9 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.30 | 0.06 | 2.53 | 95 | 0.28 | 0.53 | 97 | 655 | 12 | 0 | 668 | 1400 | 14 |
| 15 | 1400 | 0.57 | 16 | 0.20 | 8.70 | 9 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.20 | 0.06 | 2.49 | 95 | 0.19 | 0.45 | 97 | 487 | 8 | 0 | 496 | 1400 | 15 |
| 16 | 1400 | 0.00 | 52 | 0.20 | 9.06 | 9 | 3150 | 100 | 3.8 | 83 | 0.46 | 0.38 | 0.06 | 2.48 | 95 | 0.36 | 0.43 | 98 | 386 | 7 | 0 | 395 | 1400 | 16 |
| 17 | 1400 | 0.08 | 25 | 0.22 | 9.24 | 9 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.21 | 0.06 | 2.44 | 95 | 0.20 | 0.38 | 98 | 343 | 7 | 0 | 351 | 1400 | 17 |
| 18 | 1400 | 0.02 | 75 | 0.23 | 9.83 | 10 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.64 | 0.06 | 2.40 | 95 | 0.61 | 0.43 | 98 | 349 | 8 | 0 | 358 | 1400 | 18 |
| 19 | 1400 | 0.00 | 97 | 0.23 | 10.79 | 11 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 2.37 | 95 | 0.96 | 0.54 | 98 | 452 | 14 | 0 | 468 | 1400 | 19 |
| 20 | 1400 | 0.03 | 85 | 0.25 | 11.50 | 12 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.78 | 0.06 | 2.36 | 95 | 0.74 | 0.59 | 97 | 628 | 20 | 0 | 649 | 1400 | 20 |
| 21 | 1400 | 0.24 | 25 | 0.31 | 11.68 | 12 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.25 | 0.06 | 2.34 | 95 | 0.23 | 0.51 | 97 | 717 | 18 | 0 | 736 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 0.31 | 12.99 | 13 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.39 | 0.06 | 2.32 | 95 | 1.32 | 0.68 | 97 | 740 | 20 | 0 | 761 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.31 | 14.79 | 15 | 3150 | 100 | 15.8 | 100 | 1.89 | 1.89 | 0.06 | 2.33 | 95 | 1.79 | 0.92 | 97 | 920 | 42 | 1 | 964 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.31 | 16.47 | 17 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.76 | 0.06 | 2.36 | 95 | 1.68 | 1.08 | 95 | 1257 | 67 | 1 | 1326 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.31 | 18.38 | 19 | 3150 | 100 | 16.8 | 100 | 2.02 | 2.02 | 0.06 | 2.39 | 95 | 1.91 | 1.26 | 95 | 1569 | 89 | 2 | 1661 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.31 | 20.41 | 21 | 3150 | 100 | 17.9 | 100 | 2.14 | 2.14 | 0.06 | 2.43 | 95 | 2.03 | 1.43 | 95 | 1812 | 106 | 2 | 1921 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 0.32 | 21.97 | 22 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.65 | 0.06 | 2.47 | 95 | 1.57 | 1.46 | 95 | 1964 | 106 | 1 | 2073 | 1400 | 27 |
| 28 | 1400 | 0.00 | 75 | 0.32 | 22.56 | 23 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.62 | 0.06 | 2.56 | 95 | 0.59 | 1.27 | 95 | 1897 | 79 | 0 | 1978 | 1400 | 28 |
| 29 | 1400 | 0.11 | 75 | 0.40 | 23.16 | 23 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.71 | 0.06 | 2.47 | 95 | 0.67 | 1.14 | 95 | 1595 | 50 | 0 | 1646 | 1400 | 29 |
| 30 | 1400 | 0.88 | 38 | 0.72 | 23.42 | 24 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.61 | 0.06 | 2.45 | 95 | 0.58 | 1.02 | 95 | 1245 | 39 | 0 | 1285 | 1400 | 30 |



FORM 1111-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.07 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1971 | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 38 | 1.04 | 23.68 | 24 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.61 | 0.06 | 2.47 | 95 | 0.58 | 0.93 | 95 | 984 | 35 | 0 | 1021 | 1400 | 1 |
| 2 | 1400 | 0.09 | 52 | 1.08 | 24.04 | 24 | 3150 | 100 | 3.8 | 83 | 0.46 | 0.43 | 0.07 | 2.49 | 95 | 0.40 | 0.82 | 95 | 807 | 30 | 0 | 838 | 1400 | 2 |
| 3 | 1400 | 0.00 | 85 | 1.08 | 24.75 | 25 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.07 | 2.45 | 95 | 0.71 | 0.79 | 96 | 700 | 28 | 0 | 730 | 1400 | 3 |
| 4 | 1400 | 0.06 | 98 | 1.14 | 25.83 | 26 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.19 | 0.07 | 2.41 | 95 | 1.13 | 0.87 | 96 | 717 | 37 | 0 | 755 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.14 | 27.39 | 28 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.64 | 0.07 | 2.41 | 95 | 1.56 | 1.01 | 96 | 894 | 55 | 1 | 951 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.14 | 29.06 | 29 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.76 | 0.07 | 2.42 | 95 | 1.68 | 1.16 | 95 | 1177 | 76 | 1 | 1256 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 1.14 | 30.38 | 31 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.40 | 0.07 | 2.44 | 95 | 1.33 | 1.19 | 95 | 1425 | 85 | 1 | 1512 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.14 | 32.41 | 33 | 3150 | 100 | 17.9 | 100 | 2.14 | 2.14 | 0.07 | 2.44 | 95 | 2.03 | 1.37 | 95 | 1595 | 92 | 2 | 1690 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.14 | 34.57 | 35 | 3150 | 100 | 18.9 | 100 | 2.27 | 2.27 | 0.07 | 2.48 | 95 | 2.15 | 1.54 | 95 | 1792 | 111 | 2 | 1906 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.14 | 36.84 | 37 | 3150 | 100 | 20.0 | 100 | 2.40 | 2.39 | 0.07 | 2.52 | 95 | 2.27 | 1.70 | 95 | 2030 | 123 | 2 | 2157 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.14 | 39.23 | 40 | 3150 | 100 | 21.0 | 100 | 2.52 | 2.52 | 0.07 | 2.57 | 95 | 2.39 | 1.85 | 95 | 2249 | 131 | 2 | 2384 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 1.20 | 41.03 | 41 | 3150 | 100 | 15.8 | 100 | 1.89 | 1.95 | 0.07 | 2.63 | 95 | 1.85 | 1.85 | 95 | 2380 | 127 | 2 | 2510 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 1.72 | 42.34 | 43 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.93 | 0.07 | 2.66 | 95 | 1.84 | 1.85 | 95 | 2366 | 113 | 2 | 2483 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 1.73 | 43.78 | 44 | 3150 | 100 | 12.6 | 100 | 1.51 | 2.52 | 0.07 | 2.73 | 95 | 1.45 | 1.76 | 95 | 2237 | 101 | 1 | 2341 | 1400 | 14 |
| 15 | 1400 | 0.00 | 97 | 1.73 | 44.74 | 45 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.07 | 2.74 | 95 | 0.96 | 1.59 | 95 | 2009 | 81 | 1 | 2092 | 1400 | 15 |
| 16 | 1400 | 0.00 | 99 | 1.73 | 45.93 | 46 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.26 | 0.07 | 2.72 | 95 | 1.20 | 1.50 | 95 | 1731 | 67 | 1 | 1800 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 1.73 | 47.25 | 48 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.39 | 0.07 | 2.71 | 95 | 1.32 | 1.46 | 95 | 1532 | 69 | 1 | 1604 | 1400 | 17 |
| 18 | 1400 | 0.00 | 97 | 1.73 | 48.21 | 49 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.07 | 2.71 | 95 | 0.96 | 1.36 | 95 | 1428 | 68 | 1 | 1498 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 1.73 | 49.64 | 50 | 3150 | 100 | 12.6 | 100 | 1.51 | 1.51 | 0.07 | 2.69 | 95 | 1.44 | 1.37 | 95 | 1370 | 68 | 1 | 1440 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 1.91 | 51.08 | 52 | 3150 | 100 | 12.6 | 100 | 1.51 | 1.70 | 0.07 | 2.70 | 95 | 1.62 | 1.42 | 95 | 1404 | 80 | 1 | 1487 | 1400 | 20 |
| 21 | 1400 | 0.00 | 85 | 1.91 | 51.79 | 52 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.07 | 2.73 | 95 | 0.71 | 1.27 | 95 | 1448 | 74 | 1 | 1524 | 1400 | 21 |
| 22 | 1400 | 0.07 | 75 | 1.93 | 52.39 | 53 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.64 | 0.07 | 2.70 | 95 | 0.61 | 1.13 | 95 | 1335 | 50 | 0 | 1387 | 1400 | 22 |
| 23 | 1400 | 0.03 | 97 | 1.96 | 53.34 | 54 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.04 | 0.07 | 2.66 | 95 | 0.99 | 1.10 | 95 | 1146 | 45 | 1 | 1194 | 1400 | 23 |
| 24 | 1400 | 0.23 | 75 | 2.12 | 53.94 | 54 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.80 | 0.07 | 2.65 | 95 | 0.76 | 1.03 | 95 | 1033 | 48 | 0 | 1083 | 1400 | 24 |
| 25 | 1400 | 0.15 | 93 | 2.26 | 54.90 | 55 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.15 | 0.07 | 2.64 | 95 | 1.10 | 1.04 | 95 | 999 | 51 | 1 | 1053 | 1400 | 25 |
| 26 | 1400 | 0.08 | 97 | 2.33 | 55.85 | 56 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.09 | 0.07 | 2.64 | 95 | 1.03 | 1.04 | 95 | 1029 | 58 | 1 | 1089 | 1400 | 26 |
| 27 | 1400 | 0.66 | 66 | 2.74 | 56.33 | 57 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.93 | 0.07 | 2.63 | 95 | 0.89 | 1.01 | 95 | 1070 | 57 | 1 | 1129 | 1400 | 27 |
| 28 | 1400 | 0.13 | 66 | 2.83 | 56.80 | 57 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.58 | 0.07 | 2.66 | 95 | 0.55 | 0.91 | 95 | 1044 | 47 | 0 | 1093 | 1400 | 28 |
| 29 | 1400 | 0.22 | 94 | 3.02 | 57.64 | 58 | 3150 | 100 | 7.4 | 99 | 0.89 | 1.09 | 0.07 | 2.63 | 95 | 1.03 | 0.94 | 95 | 977 | 43 | 1 | 1023 | 1400 | 29 |
| 30 | 1400 | 0.25 | 94 | 3.24 | 58.47 | 59 | 3150 | 100 | 7.4 | 99 | 0.89 | 1.11 | 0.07 | 2.64 | 95 | 1.06 | 0.96 | 95 | 976 | 51 | 1 | 1029 | 1400 | 30 |
| 31 | 1400 | 0.62 | 97 | 3.81 | 59.43 | 60 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.61 | 0.07 | 2.65 | 95 | 1.53 | 1.08 | 95 | 1079 | 63 | 1 | 1145 | 1400 | 31 |

FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.08 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 99 | 4.36 | 60.63 | 61 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.84 | 0.07 | 2.71 | 95 | 1.74 | 1.22 | 95 | 1279 | 83 | 1 | 1364 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 4.76 | 62.18 | 63 | 3150 | 100 | 13.7 | 100 | 1.64 | 2.06 | 0.08 | 2.78 | 95 | 1.95 | 1.38 | 95 | 1535 | 99 | 2 | 1638 | 1400 | 2 |
| 3 | 1400 | 0.00 | 98 | 4.76 | 63.26 | 64 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.08 | 2.85 | 95 | 1.08 | 1.32 | 95 | 1709 | 94 | 1 | 1806 | 1400 | 3 |
| 4 | 1400 | 0.01 | 97 | 4.77 | 64.22 | 65 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.08 | 2.83 | 95 | 0.96 | 1.24 | 95 | 1667 | 71 | 1 | 1740 | 1400 | 4 |
| 5 | 1400 | 0.14 | 99 | 4.90 | 65.41 | 66 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.40 | 0.08 | 2.80 | 95 | 1.33 | 1.26 | 95 | 1515 | 66 | 1 | 1583 | 1400 | 5 |
| 6 | 1400 | 0.87 | 94 | 5.67 | 66.25 | 67 | 3150 | 100 | 7.4 | 99 | 0.89 | 1.69 | 0.08 | 2.81 | 95 | 1.61 | 1.33 | 95 | 1458 | 77 | 1 | 1538 | 1400 | 6 |
| 7 | 1400 | 0.59 | 97 | 6.22 | 67.21 | 68 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.58 | 0.08 | 2.87 | 95 | 1.50 | 1.37 | 95 | 1518 | 86 | 1 | 1607 | 1400 | 7 |
| 8 | 1400 | 0.98 | 94 | 7.09 | 68.04 | 69 | 3150 | 100 | 7.4 | 99 | 0.89 | 1.79 | 0.08 | 2.93 | 95 | 1.71 | 1.44 | 95 | 1614 | 90 | 1 | 1707 | 1400 | 8 |
| 9 | 1400 | 1.36 | 94 | 8.30 | 68.88 | 70 | 3150 | 100 | 7.4 | 99 | 0.89 | 2.16 | 0.08 | 3.00 | 95 | 2.05 | 1.57 | 95 | 1741 | 102 | 2 | 1846 | 1400 | 9 |
| 10 | 1400 | 1.47 | 99 | 9.69 | 70.07 | 71 | 3150 | 100 | 10.5 | 100 | 1.26 | 2.72 | 0.08 | 3.09 | 95 | 2.59 | 1.79 | 95 | 1957 | 122 | 2 | 2084 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 9.69 | 71.99 | 73 | 3150 | 100 | 16.8 | 100 | 2.02 | 2.02 | 0.08 | 3.21 | 95 | 1.91 | 1.82 | 95 | 2197 | 130 | 2 | 2330 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 9.69 | 73.78 | 75 | 3150 | 100 | 15.8 | 100 | 1.89 | 1.89 | 0.08 | 3.23 | 95 | 1.80 | 1.81 | 95 | 2293 | 116 | 2 | 2412 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 10.23 | 75.34 | 76 | 3150 | 100 | 13.7 | 100 | 1.64 | 2.21 | 0.08 | 3.25 | 95 | 2.10 | 1.87 | 95 | 2266 | 112 | 2 | 2381 | 1400 | 13 |
| 14 | 1400 | 0.00 | 97 | 10.23 | 76.30 | 77 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.08 | 3.33 | 95 | 0.96 | 1.68 | 95 | 2161 | 98 | 1 | 2261 | 1400 | 14 |
| 15 | 1400 | 0.00 | 94 | 10.23 | 77.13 | 78 | 3150 | 100 | 7.4 | 99 | 0.89 | 0.88 | 0.08 | 3.30 | 95 | 0.84 | 1.50 | 95 | 1894 | 87 | 1 | 1963 | 1400 | 15 |
| 16 | 1400 | 0.00 | 98 | 10.23 | 78.21 | 79 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.08 | 3.27 | 95 | 1.08 | 1.41 | 95 | 1565 | 57 | 1 | 1625 | 1400 | 16 |
| 17 | 1400 | 0.00 | 99 | 10.23 | 79.41 | 80 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.26 | 0.08 | 3.24 | 95 | 1.20 | 1.36 | 95 | 1363 | 62 | 1 | 1427 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 10.26 | 80.84 | 82 | 3150 | 100 | 12.6 | 100 | 1.51 | 1.54 | 0.08 | 3.23 | 95 | 1.46 | 1.38 | 95 | 1322 | 71 | 1 | 1396 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 10.31 | 82.52 | 83 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.81 | 0.08 | 3.23 | 95 | 1.72 | 1.46 | 95 | 1413 | 85 | 1 | 1500 | 1400 | 19 |
| 20 | 1400 | 0.41 | 98 | 10.69 | 83.59 | 84 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.54 | 0.08 | 3.24 | 95 | 1.46 | 1.46 | 95 | 1553 | 90 | 1 | 1646 | 1400 | 20 |
| 21 | 1400 | 0.00 | 98 | 10.69 | 84.67 | 86 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.08 | 3.29 | 95 | 1.08 | 1.38 | 95 | 1607 | 80 | 1 | 1689 | 1400 | 21 |
| 22 | 1400 | 0.08 | 97 | 10.76 | 85.63 | 86 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.09 | 0.08 | 3.26 | 95 | 1.03 | 1.30 | 95 | 1528 | 67 | 1 | 1597 | 1400 | 22 |
| 23 | 1400 | 0.00 | 97 | 10.76 | 86.59 | 87 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.08 | 3.25 | 95 | 0.96 | 1.23 | 95 | 1391 | 60 | 1 | 1453 | 1400 | 23 |
| 24 | 1400 | 0.00 | 94 | 10.76 | 87.42 | 88 | 3150 | 100 | 7.4 | 99 | 0.89 | 0.88 | 0.08 | 3.22 | 95 | 0.84 | 1.14 | 95 | 1256 | 54 | 1 | 1312 | 1400 | 24 |
| 25 | 1400 | 0.62 | 85 | 11.26 | 88.13 | 89 | 3150 | 100 | 6.4 | 98 | 0.77 | 1.27 | 0.08 | 3.18 | 95 | 1.21 | 1.16 | 95 | 1168 | 56 | 1 | 1227 | 1400 | 25 |
| 26 | 1400 | 0.02 | 98 | 11.28 | 89.21 | 90 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.15 | 0.08 | 3.22 | 95 | 1.10 | 1.14 | 95 | 1163 | 63 | 1 | 1229 | 1400 | 26 |
| 27 | 1400 | 0.02 | 98 | 11.30 | 90.29 | 91 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.15 | 0.08 | 3.20 | 95 | 1.10 | 1.13 | 95 | 1195 | 64 | 1 | 1261 | 1400 | 27 |
| 28 | 1400 | 0.00 | 85 | 11.30 | 91.00 | 92 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.08 | 3.18 | 95 | 0.71 | 1.04 | 95 | 1183 | 57 | 0 | 1242 | 1400 | 28 |
| 29 | 1400 | 0.00 | 99 | 11.30 | 92.20 | 93 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.26 | 0.08 | 3.14 | 95 | 1.20 | 1.08 | 95 | 1138 | 54 | 1 | 1194 | 1400 | 29 |
| 30 | 1400 | 0.00 | 38 | 11.30 | 92.46 | 93 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.28 | 0.08 | 3.12 | 95 | 0.26 | 0.90 | 95 | 1068 | 47 | 0 | 1117 | 1400 | 30 |
| 31 | 1400 | 0.17 | 99 | 11.46 | 93.66 | 95 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.43 | 0.08 | 3.05 | 95 | 1.36 | 1.00 | 95 | 989 | 43 | 1 | 1034 | 1400 | 31 |

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

EII = 0.06 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | DEPTH | %MA | MELT | MI | EII | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 25 | 11.54 | 93.83 | 95 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.28 | 0.08 | 3.06 | 95 | 0.26 | 0.84 | 95 | 946 | 44 | 0 | 991 | 1400 | 1 |
| 2 | 1400 | 0.31 | 97 | 11.83 | 94.79 | 96 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.31 | 0.06 | 3.04 | 95 | 1.24 | 0.93 | 96 | 938 | 39 | 1 | 958 | 1400 | 2 |
| 3 | 1400 | 0.04 | 52 | 11.85 | 95.15 | 96 | 3150 | 100 | 3.8 | 83 | 0.46 | 0.40 | 0.06 | 3.07 | 95 | 0.38 | 0.81 | 95 | 901 | 40 | 0 | 943 | 1400 | 3 |
| 4 | 1400 | 0.26 | 38 | 11.94 | 95.41 | 96 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.37 | 0.06 | 3.03 | 95 | 0.36 | 0.71 | 96 | 828 | 26 | 0 | 856 | 1400 | 4 |
| 5 | 1400 | 0.56 | 16 | 12.03 | 95.51 | 96 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.19 | 0.06 | 3.02 | 95 | 0.18 | 0.60 | 96 | 669 | 16 | 0 | 686 | 1400 | 5 |
| 6 | 1400 | 0.06 | 12 | 12.05 | 95.59 | 97 | 3150 | 100 | 3.0 | 24 | 0.35 | 0.09 | 0.06 | 3.01 | 95 | 0.09 | 0.49 | 97 | 495 | 8 | 0 | 504 | 1400 | 6 |
| 7 | 1400 | 0.00 | 20 | 12.03 | 95.70 | 97 | 3150 | 100 | 1.9 | 50 | 0.23 | 0.12 | 0.06 | 2.96 | 95 | 0.11 | 0.41 | 98 | 342 | 4 | 0 | 347 | 1400 | 7 |
| 8 | 1400 | 0.04 | 66 | 12.06 | 96.18 | 97 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.52 | 0.06 | 2.90 | 95 | 0.50 | 0.43 | 98 | 270 | 6 | 0 | 277 | 1400 | 8 |
| 9 | 1400 | 0.09 | 66 | 12.12 | 96.65 | 98 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.56 | 0.06 | 2.87 | 95 | 0.53 | 0.45 | 98 | 315 | 10 | 0 | 326 | 1400 | 9 |
| 10 | 1400 | 0.00 | 16 | 12.12 | 96.75 | 98 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.11 | 0.06 | 2.85 | 95 | 0.10 | 0.37 | 98 | 380 | 19 | 0 | 390 | 1400 | 10 |
| 11 | 1400 | 0.00 | | [illegible] | 96.81 | 98 | 3150 | 100 | 2.4 | 19 | 0.29 | 0.06 | 0.06 | 2.79 | 95 | 0.05 | 0.31 | 98 | 352 | 4 | 0 | 357 | 1400 | 11 |
| 12 | 1400 | 0.00 | | [illegible]2 | 96.91 | 98 | 3150 | 100 | 1.9 | 50 | 0.23 | 0.12 | 0.06 | 2.74 | 95 | 0.11 | 0.26 | 98 | 264 | 2 | 0 | 267 | 1400 | 12 |
| 13 | 1400 | 0.00 | | [illegible]2 | 97.09 | 98 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.19 | 0.06 | 2.68 | 95 | 0.18 | 0.25 | 99 | 200 | 2 | 0 | 202 | 1400 | 13 |
| 14 | 1400 | 0.01 | 5 | 12.12 | 97.45 | 98 | 3150 | 100 | 3.8 | 83 | 0.46 | 0.38 | 0.06 | 2.63 | 95 | 0.37 | 0.27 | 99 | 196 | 3 | 0 | 200 | 1400 | 14 |
| 15 | 1400 | 0.00 | 8 | 12.12 | 97.51 | 98 | 3150 | 100 | 2.4 | 19 | 0.29 | 0.06 | 0.06 | 2.59 | 95 | 0.05 | 0.22 | 99 | 223 | 3 | 0 | 226 | 1400 | 15 |
| 16 | 1400 | 0.00 | 38 | 12.12 | 97.77 | 99 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.28 | 0.06 | 2.53 | 95 | 0.26 | 0.23 | 99 | 228 | 2 | 0 | 231 | 1400 | 16 |
| 17 | 1400 | 0.00 | 16 | 12.12 | 97.87 | 99 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.11 | 0.06 | 2.49 | 95 | 0.10 | 0.20 | 99 | 220 | 2 | 0 | 223 | 1400 | 17 |
| 18 | 1400 | 0.00 | 8 | 12.12 | 97.92 | 99 | 3150 | 100 | 2.4 | 19 | 0.29 | 0.06 | 0.06 | 2.43 | 95 | 0.05 | 0.17 | 99 | 197 | 1 | 0 | 199 | 1400 | 18 |
| 19 | 1400 | 0.03 | 0 | 12.12 | 97.93 | 99 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.06 | 2.38 | 95 | 0.01 | 0.14 | 99 | 150 | 0 | 0 | 152 | 1400 | 19 |
| 20 | 1400 | 0.20 | 16 | 12.24 | 98.03 | 99 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.23 | 0.06 | 2.32 | 95 | 0.22 | 0.15 | 99 | 118 | 0 | 0 | 119 | 1400 | 20 |
| 21 | 1400 | 0.45 | 25 | 12.35 | 98.21 | 99 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.30 | 0.06 | 2.32 | 95 | 0.28 | 0.18 | 99 | 139 | 1 | 0 | 141 | 1400 | 21 |
| 22 | 1400 | 0.00 | 3 | 12.35 | 98.24 | 99 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.06 | 2.31 | 95 | 0.03 | 0.15 | 99 | 176 | 1 | 0 | 178 | 1400 | 22 |
| 23 | 1400 | 0.00 | 0 | 12.35 | 98.26 | 99 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.06 | 2.25 | 95 | 0.02 | 0.12 | 99 | 166 | 0 | 0 | 167 | 1400 | 23 |
| 24 | 1400 | 0.00 | 20 | 12.35 | 98.37 | 99 | 3150 | 100 | 1.9 | 50 | 0.23 | 0.12 | 0.06 | 2.19 | 95 | 0.11 | 0.12 | 99 | 128 | 0 | 0 | 129 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 12.35 | 98.38 | 99 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.06 | 2.14 | 95 | 0.01 | 0.10 | 99 | 100 | 0 | 0 | 101 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 12.35 | 98.38 | 99 | 3150 | 100 | 0.4 | 3 | 0.04 | 0.00 | 0.06 | 2.08 | 95 | 0.00 | 0.08 | 100 | 74 | 0 | 0 | 75 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 12.35 | 98.38 | 99 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 2.02 | 95 | 0.00 | 0.06 | 100 | 46 | 0 | 0 | 47 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 12.35 | 98.38 | 99 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 1.96 | 95 | 0.00 | 0.05 | 100 | 25 | 0 | 0 | 26 | 1400 | 28 |
| 29 | 1400 | 0.01 | 0 | 12.35 | 98.38 | 99 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 1.90 | 95 | 0.00 | 0.04 | 100 | 12 | 0 | 0 | 13 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 12.35 | 98.38 | 99 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 1.88 | 95 | 0.00 | 0.03 | 100 | 6 | 0 | 0 | 6 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE - RUN NO. 90981 | INITIAL DATE, HOUR 6 MAY 1971 1400 | JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONSI. | N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.010 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 2.00 | 0 | 0.00 | 0.30 | 0 | 60 | 10 | 10 | 80 | 1400 6 |
| 7 1400 | 0.05 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 2.00 | 18 | 0.00 | 0.22 | 58 | 59 | 9 | 3 | 73 | 1400 7 |
| 8 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.92 | 18 | 0.00 | 0.16 | 61 | 59 | 8 | 0 | 68 | 1400 8 |
| 9 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.83 | 17 | 0.00 | 0.11 | 64 | 59 | 5 | 0 | 65 | 1400 9 |
| 10 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.74 | 17 | 0.00 | 0.08 | 65 | 59 | 2 | 0 | 63 | 1400 10 |
| 11 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2866 | 100 | 1.5 | 38 | 0.38 | 0.14 | 0.09 | 1.65 | 17 | 0.02 | 0.07 | 67 | 59 | 3 | 5 | 68 | 1400 11 |
| 12 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2871 | 99 | 1.5 | 37 | 0.41 | 0.15 | 0.09 | 1.68 | 17 | 0.03 | 0.05 | 67 | 59 | 8 | 8 | 77 | 1400 12 |
| 13 1400 | 0.24 | 13 | 0.01 | 0.10 | 1 | 2876 | 99 | 2.0 | 50 | 0.58 | 0.32 | 0.09 | 1.71 | 17 | 0.05 | 0.05 | 68 | 59 | 21 | 14 | 96 | 1400 13 |
| 14 1400 | 0.00 | 0 | 0.01 | 0.10 | 1 | 2886 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.92 | 18 | 0.00 | 0.04 | 68 | 59 | 35 | 5 | 101 | 1400 14 |
| 15 1400 | 0.00 | 0 | 0.01 | 0.10 | 1 | 2886 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.83 | 17 | 0.00 | 0.03 | 68 | 59 | 40 | 0 | 100 | 1400 15 |
| 16 1400 | 0.00 | 0 | 0.01 | 0.10 | 1 | 2886 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.74 | 17 | 0.00 | 0.02 | 69 | 59 | 32 | 0 | 91 | 1400 16 |
| 17 1400 | 0.00 | 0 | 0.01 | 0.10 | 1 | 2886 | 99 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.65 | 17 | 0.00 | 0.02 | 69 | 58 | 19 | 0 | 78 | 1400 17 |
| 18 1400 | 0.00 | 0 | 0.01 | 0.12 | 1 | 2886 | 98 | 1.4 | 36 | 0.45 | 0.16 | 0.09 | 1.56 | 16 | 0.03 | 0.02 | 69 | 58 | 11 | 5 | 75 | 1400 18 |
| 19 1400 | 0.00 | 0 | 0.01 | 0.15 | 1 | 2892 | 98 | 1.4 | 36 | 0.45 | 0.16 | 0.09 | 1.61 | 16 | 0.03 | 0.02 | 69 | 58 | 12 | 8 | 79 | 1400 19 |
| 20 1400 | 0.04 | 26 | 0.01 | 0.23 | 1 | 2897 | 97 | 2.6 | 58 | 0.83 | 0.49 | 0.09 | 1.66 | 17 | 0.08 | 0.04 | 69 | 57 | 24 | 20 | 103 | 1400 20 |
| 21 1400 | 0.10 | 26 | 0.01 | 0.31 | 2 | 2914 | 96 | 2.6 | 57 | 0.82 | 0.49 | 0.09 | 1.99 | 18 | 0.09 | 0.05 | 68 | 57 | 48 | 27 | 134 | 1400 21 |
| 22 1400 | 0.29 | 0 | 0.01 | 0.32 | 2 | 2932 | 96 | 0.2 | 7 | 0.08 | 0.00 | 0.09 | 2.34 | 19 | 0.00 | 0.04 | 68 | 57 | 75 | 8 | 141 | 1400 22 |
| 23 1400 | 0.01 | 26 | 0.01 | 0.40 | 2 | 2932 | 95 | 2.5 | 56 | 0.81 | 0.46 | 0.09 | 2.29 | 19 | 0.09 | 0.05 | 68 | 57 | 86 | 19 | 164 | 1400 23 |
| 24 1400 | 0.00 | 26 | 0.01 | 0.49 | 3 | 2950 | 94 | 2.5 | 55 | 0.79 | 0.44 | 0.09 | 2.59 | 21 | 0.09 | 0.07 | 68 | 57 | 90 | 28 | 177 | 1400 24 |
| 25 1400 | 0.00 | 39 | 0.01 | 0.64 | 3 | 2969 | 92 | 3.1 | 63 | 1.00 | 0.63 | 0.09 | 2.87 | 23 | 0.14 | 0.09 | 67 | 57 | 107 | 42 | 207 | 1400 25 |
| 26 1400 | 0.03 | 39 | 0.02 | 0.80 | 4 | 3000 | 90 | 3.0 | 62 | 0.97 | 0.61 | 0.09 | 3.31 | 26 | 0.16 | 0.12 | 66 | 57 | 142 | 52 | 253 | 1400 26 |
| 27 1400 | 0.00 | 52 | 0.02 | 1.03 | 5 | 3047 | 87 | 3.6 | 69 | 1.17 | 0.80 | 0.09 | 3.72 | 30 | 0.20 | 0.16 | 65 | 58 | 193 | 75 | 327 | 1400 27 |
| 28 1400 | 0.09 | 71 | 0.04 | 1.47 | 8 | 3120 | 81 | 5.2 | 76 | 1.67 | 1.33 | 0.09 | 4.28 | 34 | 0.45 | 0.27 | 64 | 59 | 275 | 141 | 477 | 1400 28 |
| 29 1400 | 0.02 | 0 | 0.04 | 1.49 | 8 | 3251 | 81 | 0.7 | 19 | 0.23 | 0.04 | 0.09 | 5.27 | 41 | 0.02 | 0.20 | 59 | 61 | 377 | 55 | 495 | 1400 29 |
| 30 1400 | 0.13 | 26 | 0.05 | 1.59 | 8 | 3256 | 80 | 1.9 | 41 | 0.62 | 0.29 | 0.09 | 5.21 | 41 | 0.12 | 0.18 | 62 | 64 | 419 | 34 | 518 | 1400 30 |
| 31 1400 | 0.09 | 62 | 0.07 | 1.93 | 10 | 3285 | 77 | 4.0 | 64 | 1.29 | 0.88 | 0.09 | 5.35 | 41 | 0.36 | 0.26 | 63 | 67 | 388 | 109 | 566 | 1400 31 |



FORM 1115-5
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE 20981 RUN NO. 6 MAY 1971 INITIAL DATE, HOUR 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | PN-AR | MI-AR | %AR | ELEV | %CA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 39 | 0.08 | 2.08 | 11 | 3393 | 76 | 2.5 | 47 | 0.75 | 0.37 | 0.09 | 5.94 | 43 | 0.16 | 0.25 | 60 | 72 | 380 | 86 | 540 | 1400 | 1 |
| 2 | 1400 | 0.23 | 0 | 0.08 | 2.09 | 11 | 3385 | 75 | 0.5 | 13 | 0.16 | 0.02 | 0.09 | 6.13 | 43 | 0.01 | 0.18 | 60 | 78 | 393 | 22 | 495 | 1400 | 2 |
| 3 | 1400 | 0.07 | 52 | 0.09 | 2.32 | 12 | 3387 | 73 | 3.0 | 55 | 0.97 | 0.57 | 0.09 | 6.09 | 43 | 0.24 | 0.22 | 63 | 86 | 362 | 65 | 515 | 1400 | 3 |
| 4 | 1400 | 0.00 | 94 | 0.09 | 3.15 | 16 | 3433 | 66 | 8.2 | 72 | 2.61 | 1.67 | 0.09 | 6.48 | 44 | 0.83 | 0.50 | 61 | 95 | 373 | 285 | 755 | 1400 | 4 |
| 5 | 1400 | 0.00 | 99 | 0.09 | 4.37 | 22 | 3600 | 57 | 11.9 | 66 | 3.80 | 2.52 | 0.09 | 7.92 | 48 | 1.22 | 0.95 | 50 | 106 | 622 | 814 | 1543 | 1400 | 5 |
| 6 | 1400 | 0.00 | 99 | 0.09 | 5.60 | 29 | 3822 | 49 | 12.4 | 57 | 3.97 | 2.26 | 0.09 | 10.12 | 55 | 1.23 | 1.38 | 45 | 118 | 1165 | 1196 | 2480 | 1400 | 6 |
| 7 | 1400 | 0.00 | 99 | 0.09 | 6.65 | 34 | 4013 | 42 | 10.9 | 49 | 3.49 | 1.71 | 0.09 | 12.11 | 61 | 1.04 | 1.67 | 39 | 132 | 1809 | 1245 | 3188 | 1400 | 7 |
| 8 | 1400 | 0.00 | 96 | 0.09 | 7.30 | 37 | 4237 | 39 | 7.5 | 41 | 2.38 | 0.98 | 0.09 | 13.61 | 68 | 0.67 | 1.69 | 36 | 149 | 2268 | 902 | 3321 | 1400 | 8 |
| 9 | 1400 | 0.00 | 99 | 0.09 | 8.31 | 43 | 4364 | 34 | 11.3 | 39 | 3.63 | 1.40 | 0.09 | 14.33 | 72 | 1.00 | 2.03 | 36 | 168 | 2424 | 1275 | 3868 | 1400 | 9 |
| 10 | 1400 | 0.00 | 99 | 0.09 | 9.20 | 47 | 4515 | 30 | 10.8 | 34 | 3.47 | 1.18 | 0.09 | 15.40 | 75 | 0.89 | 2.28 | 32 | 191 | 2406 | 1495 | 4092 | 1400 | 10 |
| 11 | 1400 | 0.00 | 97 | 0.09 | 9.71 | 50 | 4649 | 28 | 7.3 | 30 | 2.34 | 0.69 | 0.09 | 16.29 | 75 | 0.52 | 2.16 | 29 | 217 | 2341 | 953 | 3512 | 1400 | 11 |
| 12 | 1400 | 0.06 | 98 | 0.14 | 10.03 | 51 | 4727 | 27 | 5.1 | 26 | 1.63 | 0.48 | 0.09 | 16.81 | 75 | 0.36 | 1.91 | 30 | 247 | 2187 | 506 | 2941 | 1400 | 12 |
| 13 | 1400 | 0.00 | 80 | 0.14 | 10.14 | 52 | 4775 | 26 | 2.3 | 20 | 0.72 | 0.15 | 0.09 | 17.14 | 75 | 0.11 | 1.50 | 33 | 281 | 1883 | 178 | 2343 | 1400 | 13 |
| 14 | 1400 | 0.06 | 85 | 0.17 | 10.30 | 53 | 4791 | 25 | 3.0 | 22 | 0.97 | 0.26 | 0.09 | 17.19 | 75 | 0.20 | 1.27 | 38 | 319 | 1471 | 126 | 1917 | 1400 | 14 |
| 15 | 1400 | 0.57 | 62 | 0.44 | 10.32 | 53 | 4815 | 25 | 1.0 | 10 | 0.32 | 0.38 | 0.09 | 17.33 | 75 | 0.29 | 1.02 | 41 | 359 | 1092 | 167 | 1620 | 1400 | 15 |
| 16 | 1400 | 0.00 | 90 | 0.44 | 10.53 | 54 | 4819 | 24 | 3.9 | 22 | 1.23 | 0.27 | 0.09 | 17.43 | 75 | 0.21 | 0.97 | 44 | 402 | 865 | 155 | 1424 | 1400 | 16 |
| 17 | 1400 | 0.08 | 80 | 0.48 | 10.62 | 54 | 4850 | 24 | 2.0 | 18 | 0.64 | 0.18 | 0.09 | 17.62 | 75 | 0.14 | 0.82 | 44 | 447 | 753 | 97 | 1299 | 1400 | 17 |
| 18 | 1400 | 0.02 | 96 | 0.50 | 10.92 | 56 | 4863 | 23 | 5.6 | 23 | 1.79 | 0.43 | 0.09 | 17.68 | 75 | 0.32 | 0.97 | 46 | 493 | 673 | 200 | 1368 | 1400 | 18 |
| 19 | 1400 | 0.00 | 99 | 0.50 | 11.38 | 58 | 4909 | 21 | 8.5 | 22 | 2.72 | 0.61 | 0.09 | 18.05 | 75 | 0.46 | 1.31 | 44 | 540 | 652 | 399 | 1593 | 1400 | 19 |
| 20 | 1400 | 0.03 | 97 | 0.52 | 11.68 | 60 | 4978 | 20 | 6.2 | 20 | 1.99 | 0.42 | 0.09 | 18.70 | 75 | 0.33 | 1.37 | 40 | 586 | 723 | 358 | 1668 | 1400 | 20 |
| 21 | 1400 | 0.24 | 80 | 0.67 | 11.72 | 60 | 5022 | 19 | 1.5 | 13 | 0.47 | 0.26 | 0.09 | 19.12 | 75 | 0.19 | 1.10 | 40 | 630 | 811 | 177 | 1620 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 0.67 | 12.25 | 63 | 5030 | 18 | 11.3 | 19 | 3.61 | 0.70 | 0.09 | 19.19 | 75 | 0.52 | 1.60 | 43 | 673 | 845 | 494 | 2013 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.67 | 12.91 | 66 | 5119 | 16 | 15.3 | 18 | 4.91 | 0.89 | 0.09 | 20.06 | 75 | 0.66 | 2.27 | 37 | 714 | 887 | 1088 | 2690 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.67 | 13.47 | 69 | 5231 | 15 | 14.1 | 16 | 4.51 | 0.74 | 0.09 | 21.31 | 75 | 0.55 | 2.66 | 29 | 752 | 992 | 1244 | 2991 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.67 | 14.04 | 72 | 5325 | 14 | 16.0 | 15 | 5.13 | 0.77 | 0.09 | 22.44 | 75 | 0.58 | 3.09 | 24 | 788 | 1114 | 1361 | 3265 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.67 | 14.60 | 75 | 5422 | 12 | 16.9 | 14 | 5.42 | 0.73 | 0.09 | 23.76 | 75 | 0.55 | 3.48 | 20 | 821 | 1200 | 1446 | 3468 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 0.67 | 14.96 | 77 | 5516 | 11 | 12.6 | 12 | 4.03 | 0.50 | 0.09 | 25.17 | 75 | 0.38 | 3.41 | 18 | 850 | 1238 | 1120 | 3210 | 1400 | 27 |
| 28 | 1400 | 0.00 | 96 | 0.67 | 15.07 | 77 | 5578 | 11 | 4.2 | 10 | 1.34 | 0.14 | 0.09 | 26.16 | 75 | 0.10 | 2.73 | 18 | 877 | 1190 | 390 | 2458 | 1400 | 28 |
| 29 | 1400 | 0.11 | 96 | 0.75 | 15.16 | 78 | 5595 | 11 | 4.2 | 10 | 1.33 | 0.24 | 0.09 | 26.37 | 75 | 0.18 | 2.25 | 23 | 901 | 1033 | 192 | 2128 | 1400 | 29 |
| 30 | 1400 | 0.88 | 85 | 1.31 | 15.19 | 78 | 5612 | 11 | 1.3 | 7 | 0.43 | 0.78 | 0.09 | 26.63 | 75 | 0.58 | 1.84 | 29 | 922 | 898 | 480 | 2302 | 1400 | 30 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 85 | 1.87 | 15.21 | 78 | 5615 | 11 | 1.3 | 7 | 0.42 | 0.77 | 0.09 | 26.86 | 75 | 0.58 | 1.54 | 34 | 940 | 980 | 551 | 2473 | 1400 | 1 |
| 2 | 1400 | 0.09 | 90 | 1.93 | 15.25 | 78 | 5619 | 11 | 2.2 | 8 | 0.72 | 0.14 | 0.10 | 27.09 | 75 | 0.10 | 1.24 | 38 | 956 | 1195 | 207 | 2359 | 1400 | 2 |
| 3 | 1400 | 0.00 | 97 | 1.93 | 15.37 | 79 | 5626 | 10 | 5.1 | 10 | 1.64 | 0.16 | 0.10 | 27.15 | 75 | 0.12 | 1.22 | 41 | 968 | 1229 | 94 | 2293 | 1400 | 3 |
| 4 | 1400 | 0.06 | 99 | 1.97 | 15.57 | 80 | 5646 | 10 | 8.2 | 10 | 2.61 | 0.33 | 0.10 | 27.44 | 75 | 0.24 | 1.46 | 41 | 978 | 1018 | 216 | 2212 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.97 | 15.86 | 81 | 5680 | 9 | 12.2 | 10 | 3.91 | 0.38 | 0.10 | 28.04 | 75 | 0.29 | 1.92 | 39 | 986 | 780 | 385 | 2152 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.97 | 16.14 | 83 | 5729 | 8 | 13.0 | 9 | 4.14 | 0.37 | 0.10 | 28.98 | 75 | 0.28 | 2.31 | 33 | 990 | 662 | 500 | 2154 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 1.98 | 16.33 | 84 | 5776 | 8 | 9.5 | 8 | 3.04 | 0.26 | 0.10 | 29.99 | 75 | 0.20 | 2.33 | 28 | 993 | 629 | 385 | 2009 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.98 | 16.52 | 85 | 5808 | 7 | 15.6 | 8 | 4.98 | 0.39 | 0.10 | 30.68 | 75 | 0.29 | 2.81 | 28 | 993 | 620 | 567 | 2182 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.98 | 16.90 | 87 | 5858 | 7 | 16.3 | 7 | 5.22 | 0.37 | 0.10 | 31.93 | 75 | 0.28 | 3.22 | 22 | 991 | 616 | 694 | 2302 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.98 | 17.16 | 88 | 5905 | 6 | 17.0 | 6 | 5.45 | 0.35 | 0.10 | 33.25 | 75 | 0.26 | 3.57 | 19 | 987 | 620 | 703 | 2311 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.98 | 17.41 | 89 | 5949 | 5 | 17.8 | 6 | 5.69 | 0.33 | 0.10 | 34.64 | 75 | 0.25 | 3.88 | 17 | 982 | 624 | 686 | 2293 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 2.03 | 17.56 | 90 | 5991 | 5 | 12.3 | 5 | 3.93 | 0.26 | 0.10 | 36.10 | 75 | 0.20 | 3.68 | 16 | 974 | 618 | 570 | 2164 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 2.44 | 17.65 | 91 | 6065 | 5 | 7.9 | 5 | 2.53 | 0.67 | 0.10 | 37.05 | 75 | 0.50 | 3.32 | 17 | 965 | 636 | 929 | 2532 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 2.45 | 17.74 | 91 | 6126 | 4 | 8.9 | 5 | 2.83 | 0.14 | 0.10 | 37.81 | 75 | 0.10 | 3.01 | 18 | 955 | 716 | 478 | 2151 | 1400 | 14 |
| 15 | 1400 | 0.00 | 99 | 2.45 | 17.79 | 91 | 6191 | 4 | 4.6 | 4 | 1.47 | 0.06 | 0.10 | 38.44 | 75 | 0.05 | 2.48 | 20 | 943 | 758 | 108 | 1811 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 2.45 | 17.86 | 92 | 6223 | 4 | 6.6 | 4 | 2.11 | 0.09 | 0.10 | 38.70 | 75 | 0.07 | 2.24 | 26 | 930 | 654 | 81 | 1667 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.45 | 17.93 | 92 | 6267 | 4 | 7.6 | 4 | 2.42 | 0.10 | 0.10 | 39.13 | 75 | 0.07 | 2.13 | 29 | 916 | 479 | 98 | 1494 | 1400 | 17 |
| 18 | 1400 | 0.00 | 99 | 2.45 | 17.97 | 92 | 6317 | 4 | 4.4 | 4 | 1.40 | 0.05 | 0.10 | 39.65 | 75 | 0.04 | 1.83 | 30 | 901 | 341 | 59 | 1302 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.45 | 18.05 | 93 | 6343 | 4 | 8.5 | 4 | 2.72 | 0.10 | 0.10 | 39.89 | 75 | 0.08 | 1.90 | 34 | 884 | 258 | 83 | 1227 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 2.59 | 18.12 | 93 | 6395 | 3 | 8.4 | 4 | 2.69 | 0.28 | 0.10 | 40.48 | 75 | 0.21 | 1.99 | 33 | 867 | 230 | 240 | 1339 | 1400 | 20 |
| 21 | 1400 | 0.00 | 97 | 2.59 | 18.13 | 93 | 6443 | 3 | 2.3 | 3 | 0.75 | 0.02 | 0.10 | 41.14 | 75 | 0.02 | 1.56 | 32 | 848 | 255 | 98 | 1203 | 1400 | 21 |
| 22 | 1400 | 0.02 | 96 | 2.60 | 18.14 | 93 | 6453 | 3 | 1.4 | 2 | 0.46 | 0.03 | 0.10 | 41.18 | 75 | 0.02 | 1.20 | 37 | 829 | 271 | 14 | 1115 | 1400 | 22 |
| 23 | 1400 | 0.03 | 99 | 2.63 | 18.17 | 93 | 6458 | 3 | 4.1 | 3 | 1.32 | 0.07 | 0.10 | 41.17 | 75 | 0.05 | 1.14 | 42 | 809 | 233 | 34 | 1077 | 1400 | 23 |
| 24 | 1400 | 0.23 | 96 | 2.79 | 18.18 | 93 | 6480 | 3 | 1.4 | 2 | 0.45 | 0.23 | 0.10 | 41.40 | 75 | 0.17 | 0.93 | 42 | 788 | 196 | 83 | 1068 | 1400 | 24 |
| 25 | 1400 | 0.15 | 99 | 2.90 | 18.21 | 93 | 6485 | 3 | 4.1 | 3 | 1.31 | 0.19 | 0.10 | 41.46 | 75 | 0.14 | 0.97 | 45 | 767 | 223 | 105 | 1095 | 1400 | 25 |
| 26 | 1400 | 0.08 | 99 | 2.96 | 18.24 | 94 | 6506 | 3 | 4.1 | 3 | 1.30 | 0.12 | 0.10 | 41.73 | 75 | 0.09 | 0.98 | 44 | 745 | 285 | 78 | 1110 | 1400 | 26 |
| 27 | 1400 | 0.66 | 94 | 3.43 | 18.24 | 94 | 6526 | 3 | 0.6 | 1 | 0.18 | 0.63 | 0.10 | 41.97 | 75 | 0.47 | 0.85 | 44 | 723 | 362 | 204 | 1290 | 1400 | 27 |
| 28 | 1400 | 0.13 | 94 | 3.52 | 18.24 | 94 | 6527 | 3 | 0.6 | 1 | 0.18 | 0.13 | 0.10 | 42.12 | 75 | 0.09 | 0.66 | 46 | 700 | 485 | 116 | 1302 | 1400 | 28 |
| 29 | 1400 | 0.22 | 98 | 3.69 | 18.26 | 94 | 6528 | 3 | 3.1 | 3 | 0.98 | 0.24 | 0.10 | 42.09 | 75 | 0.18 | 0.70 | 48 | 678 | 588 | 95 | 1362 | 1400 | 29 |
| 30 | 1400 | 0.25 | 98 | 3.87 | 18.28 | 94 | 6542 | 3 | 3.1 | 3 | 0.98 | 0.27 | 0.10 | 42.29 | 75 | 0.20 | 0.74 | 48 | 656 | 592 | 124 | 1373 | 1400 | 30 |
| 31 | 1400 | 0.62 | 99 | 4.33 | 18.31 | 94 | 6555 | 3 | 4.0 | 3 | 1.27 | 0.65 | 0.10 | 42.50 | 75 | 0.49 | 0.92 | 47 | 634 | 580 | 306 | 1521 | 1400 | 31 |

FORM 1413

PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-W-Y | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 4.76 | 18.35 | 94 | 6574 | 3 | 6.0 | 3 | 1.92 | 0.63 | 0.10 | 42.93 | 75 | 0.48 | 1.18 | 45 | 613 | 667 | 435 | 1717 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 5.08 | 18.41 | 94 | 6602 | 3 | 9.1 | 3 | 2.92 | 0.50 | 0.10 | 43.52 | 75 | 0.38 | 1.56 | 42 | 593 | 825 | 463 | 1883 | 1400 | 2 |
| 3 | 1400 | 0.00 | 99 | 5.08 | 18.44 | 95 | 6643 | 3 | 4.9 | 3 | 1.56 | 0.04 | 0.10 | 44.32 | 75 | 0.03 | 1.44 | 37 | 574 | 907 | 161 | 1643 | 1400 | 3 |
| 4 | 1400 | 0.01 | 99 | 5.09 | 18.47 | 95 | 6663 | 3 | 3.8 | 2 | 1.22 | 0.04 | 0.10 | 44.60 | 75 | 0.03 | 1.29 | 39 | 557 | 804 | 26 | 1388 | 1400 | 4 |
| 5 | 1400 | 0.14 | 100 | 5.19 | 18.50 | 95 | 6679 | 3 | 5.7 | 2 | 1.84 | 0.19 | 0.10 | 44.79 | 75 | 0.14 | 1.34 | 41 | 541 | 584 | 100 | 1227 | 1400 | 5 |
| 6 | 1400 | 0.87 | 98 | 5.83 | 18.51 | 95 | 6702 | 2 | 2.8 | 2 | 0.89 | 0.87 | 0.10 | 45.20 | 75 | 0.65 | 1.30 | 40 | 528 | 468 | 453 | 1450 | 1400 | 6 |
| 7 | 1400 | 0.59 | 99 | 6.27 | 18.53 | 95 | 6711 | 2 | 3.6 | 2 | 1.15 | 0.61 | 0.10 | 45.57 | 75 | 0.46 | 1.29 | 40 | 516 | 616 | 465 | 1599 | 1400 | 7 |
| 8 | 1400 | 0.98 | 98 | 6.99 | 18.55 | 95 | 6725 | 2 | 2.7 | 2 | 0.88 | 0.98 | 0.10 | 45.96 | 75 | 0.74 | 1.29 | 41 | 506 | 944 | 600 | 2051 | 1400 | 8 |
| 9 | 1400 | 1.36 | 98 | 8.00 | 18.56 | 95 | 6734 | 2 | 2.7 | 2 | 0.87 | 1.36 | 0.10 | 46.36 | 75 | 1.02 | 1.36 | 41 | 498 | 1317 | 935 | 2751 | 1400 | 9 |
| 10 | 1400 | 1.47 | 100 | 9.10 | 18.59 | 95 | 6742 | 2 | 5.4 | 2 | 1.74 | 1.51 | 0.10 | 46.86 | 75 | 1.13 | 1.64 | 40 | 492 | 1729 | 1325 | 3548 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 9.10 | 18.65 | 96 | 6762 | 2 | 11.6 | 2 | 3.72 | 0.08 | 0.10 | 47.63 | 75 | 0.06 | 1.98 | 36 | 488 | 2036 | 507 | 3033 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 9.10 | 18.70 | 96 | 6803 | 2 | 10.4 | 2 | 3.31 | 0.07 | 0.10 | 48.47 | 75 | 0.05 | 2.13 | 32 | 487 | 1930 | 91 | 2509 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 9.53 | 18.74 | 96 | 6838 | 2 | 8.1 | 2 | 2.58 | 0.62 | 0.10 | 49.21 | 75 | 0.46 | 2.19 | 30 | 488 | 1464 | 540 | 2494 | 1400 | 13 |
| 14 | 1400 | 0.00 | 99 | 9.53 | 18.75 | 96 | 6862 | 2 | 2.8 | 2 | 0.90 | 0.02 | 0.10 | 49.96 | 75 | 0.01 | 1.76 | 30 | 492 | 1035 | 230 | 1759 | 1400 | 14 |
| 15 | 1400 | 0.00 | 98 | 9.53 | 18.76 | 96 | 6870 | 2 | 2.0 | 1 | 0.65 | 0.01 | 0.10 | 50.06 | 75 | 0.01 | 1.38 | 35 | 499 | 761 | 9 | 1271 | 1400 | 15 |
| 16 | 1400 | 0.00 | 99 | 9.53 | 18.77 | 96 | 6875 | 2 | 3.7 | 2 | 1.20 | 0.02 | 0.10 | 50.09 | 75 | 0.02 | 1.23 | 39 | 508 | 517 | 9 | 1036 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 9.53 | 18.79 | 96 | 6886 | 2 | 4.7 | 2 | 1.50 | 0.03 | 0.10 | 50.27 | 75 | 0.02 | 1.20 | 41 | 519 | 302 | 14 | 837 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 9.55 | 18.82 | 97 | 6899 | 2 | 6.7 | 2 | 2.15 | 0.07 | 0.10 | 50.53 | 75 | 0.05 | 1.31 | 42 | 532 | 170 | 38 | 742 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 9.59 | 18.85 | 97 | 6917 | 2 | 8.7 | 2 | 2.79 | 0.09 | 0.10 | 50.97 | 75 | 0.07 | 1.53 | 40 | 546 | 117 | 72 | 736 | 1400 | 19 |
| 20 | 1400 | 0.41 | 99 | 9.90 | 18.86 | 97 | 6940 | 2 | 3.4 | 1 | 1.09 | 0.42 | 0.10 | 51.57 | 75 | 0.32 | 1.40 | 38 | 560 | 147 | 225 | 934 | 1400 | 20 |
| 21 | 1400 | 0.00 | 99 | 9.90 | 18.88 | 97 | 6948 | 2 | 3.4 | 1 | 1.08 | 0.02 | 0.10 | 51.88 | 75 | 0.01 | 1.22 | 39 | 575 | 253 | 93 | 922 | 1400 | 21 |
| 22 | 1400 | 0.08 | 99 | 9.95 | 18.88 | 97 | 6956 | 2 | 2.3 | 1 | 0.75 | 0.09 | 0.10 | 52.03 | 75 | 0.07 | 1.04 | 41 | 589 | 337 | 31 | 958 | 1400 | 22 |
| 23 | 1400 | 0.00 | 99 | 9.95 | 18.89 | 97 | 6961 | 2 | 2.3 | 1 | 0.74 | 0.01 | 0.10 | 52.13 | 75 | 0.01 | 0.89 | 43 | 602 | 318 | 15 | 935 | 1400 | 23 |
| 24 | 1400 | 0.00 | 98 | 9.95 | 18.89 | 97 | 6966 | 2 | 1.5 | 1 | 0.49 | 0.01 | 0.10 | 52.19 | 75 | 0.00 | 0.72 | 45 | 614 | 235 | 3 | 853 | 1400 | 24 |
| 25 | 1400 | 0.62 | 97 | 10.41 | 18.90 | 97 | 6969 | 2 | 1.0 | 1 | 0.32 | 0.60 | 0.10 | 52.18 | 75 | 0.45 | 0.68 | 47 | 624 | 198 | 169 | 992 | 1400 | 25 |
| 26 | 1400 | 0.02 | 99 | 10.42 | 18.91 | 97 | 6970 | 1 | 3.3 | 1 | 1.04 | 0.03 | 0.10 | 52.34 | 75 | 0.03 | 0.70 | 48 | 632 | 281 | 83 | 998 | 1400 | 26 |
| 27 | 1400 | 0.02 | 99 | 10.44 | 18.92 | 97 | 6978 | 1 | 3.2 | 1 | 1.03 | 0.03 | 0.10 | 52.49 | 75 | 0.03 | 0.70 | 48 | 639 | 380 | 15 | 1036 | 1400 | 27 |
| 28 | 1400 | 0.00 | 97 | 10.44 | 18.92 | 97 | 6985 | 1 | 0.9 | 1 | 0.30 | 0.00 | 0.10 | 52.63 | 75 | 0.00 | 0.54 | 48 | 644 | 352 | 4 | 1001 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 10.44 | 18.93 | 97 | 6986 | 1 | 4.2 | 1 | 1.34 | 0.02 | 0.10 | 52.56 | 75 | 0.01 | 0.65 | 50 | 646 | 239 | 6 | 892 | 1400 | 29 |
| 30 | 1400 | 0.00 | 85 | 10.44 | 18.93 | 97 | 6995 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.78 | 75 | 0.00 | 0.47 | 48 | 647 | 136 | 2 | 787 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 10.56 | 18.95 | 97 | 6995 | 1 | 4.1 | 1 | 1.32 | 0.19 | 0.10 | 52.68 | 75 | 0.14 | 0.64 | 51 | 646 | 85 | 62 | 794 | 1400 | 31 |

FORM 1131-2

PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. 90481 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 80 | 10.79 | 18.95 | 97 | 7011 | 1 | 0.0 | 0 | 0.00 | 0.30 | 0.10 | 52.96 | 75 | 0.22 | 0.52 | 48 | 643 | 112 | 108 | 864 | 1400 | 1 |
| 2 | 1400 | 0.31 | 99 | 11.02 | 18.95 | 97 | 7011 | 1 | 2.1 | 1 | 0.67 | 0.31 | 0.10 | 52.98 | 75 | 0.24 | 0.56 | 50 | 638 | 224 | 119 | 983 | 1400 | 2 |
| 3 | 1400 | 0.04 | 90 | 11.05 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 53.15 | 75 | 0.03 | 0.42 | 49 | 632 | 348 | 46 | 1027 | 1400 | 3 |
| 4 | 1400 | 0.26 | 85 | 11.21 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 53.06 | 75 | 0.17 | 0.35 | 53 | 624 | 393 | 59 | 1077 | 1400 | 4 |
| 5 | 1400 | 0.56 | 62 | 11.47 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.35 | 0.10 | 53.05 | 75 | 0.26 | 0.32 | 56 | 615 | 380 | 103 | 1100 | 1400 | 5 |
| 6 | 1400 | 0.06 | 52 | 11.49 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 53.11 | 75 | 0.02 | 0.24 | 57 | 605 | 377 | 42 | 1025 | 1400 | 6 |
| 7 | 1400 | 0.00 | 71 | 11.49 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 53.03 | 75 | 0.00 | 0.17 | 60 | 594 | 351 | 3 | 949 | 1400 | 7 |
| 8 | 1400 | 0.04 | 94 | 11.52 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 52.93 | 75 | 0.03 | 0.13 | 63 | 583 | 263 | 7 | 854 | 1400 | 8 |
| 9 | 1400 | 0.09 | 94 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 52.84 | 75 | 0.06 | 0.11 | 65 | 571 | 167 | 19 | 758 | 1400 | 9 |
| 10 | 1400 | 0.00 | 62 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.77 | 75 | 0.00 | 0.08 | 65 | 559 | 109 | 6 | 676 | 1400 | 10 |
| 11 | 1400 | 0.00 | 39 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.67 | 75 | 0.00 | 0.06 | 67 | 547 | 77 | 0 | 626 | 1400 | 11 |
| 12 | 1400 | 0.00 | 71 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.57 | 75 | 0.00 | 0.04 | 68 | 536 | 51 | 0 | 587 | 1400 | 12 |
| 13 | 1400 | 0.00 | 80 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.47 | 75 | 0.00 | 0.03 | 68 | 524 | 27 | 0 | 552 | 1400 | 13 |
| 14 | 1400 | 0.01 | 90 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 52.37 | 75 | 0.01 | 0.02 | 69 | 512 | 13 | 1 | 528 | 1400 | 14 |
| 15 | 1400 | 0.00 | 39 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.28 | 75 | 0.00 | 0.02 | 69 | 500 | 7 | 0 | 509 | 1400 | 15 |
| 16 | 1400 | 0.00 | 85 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.18 | 75 | 0.00 | 0.01 | 69 | 488 | 5 | 0 | 494 | 1400 | 16 |
| 17 | 1400 | 0.00 | 62 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 52.08 | 75 | 0.00 | 0.01 | 69 | 476 | 3 | 0 | 480 | 1400 | 17 |
| 18 | 1400 | 0.00 | 39 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.98 | 75 | 0.00 | 0.01 | 70 | 464 | 2 | 0 | 467 | 1400 | 18 |
| 19 | 1400 | 0.03 | 0 | 11.59 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.88 | 75 | 0.00 | 0.00 | 70 | 452 | 0 | 0 | 454 | 1400 | 19 |
| 20 | 1400 | 0.80 | 62 | 11.96 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.49 | 0.10 | 51.78 | 75 | 0.37 | 0.11 | 70 | 440 | 23 | 78 | 543 | 1400 | 20 |
| 21 | 1400 | 0.45 | 80 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 51.88 | 75 | 0.27 | 0.15 | 66 | 427 | 111 | 99 | 639 | 1400 | 21 |
| 22 | 1400 | 0.00 | 26 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.93 | 75 | 0.00 | 0.11 | 64 | 414 | 230 | 28 | 674 | 1400 | 22 |
| 23 | 1400 | 0.00 | 13 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.83 | 75 | 0.00 | 0.08 | 66 | 402 | 270 | 0 | 673 | 1400 | 23 |
| 24 | 1400 | 0.00 | 71 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.73 | 75 | 0.00 | 0.06 | 67 | 389 | 210 | 0 | 600 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.63 | 75 | 0.00 | 0.04 | 68 | 377 | 122 | 0 | 500 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.53 | 75 | 0.00 | 0.03 | 68 | 365 | 59 | 0 | 426 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.43 | 75 | 0.00 | 0.02 | 69 | 354 | 25 | 0 | 381 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.33 | 75 | 0.00 | 0.02 | 69 | 344 | 10 | 0 | 355 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.23 | 75 | 0.00 | 0.01 | 69 | 334 | 3 | 0 | 339 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 12.24 | 18.95 | 97 | 7024 | 1 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 51.21 | 75 | 0.00 | 0.01 | 70 | 325 | 1 | 0 | 327 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.30 | 0 | 70 | 10 | 4 | 84 | 1400 | 6 |
| 7 | 1400 | 0.05 | 6 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 2.00 | 18 | 0.00 | 0.24 | 37 | 69 | 6 | 0 | 77 | 1400 | 7 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.92 | 18 | 0.00 | 0.19 | 42 | 69 | 1 | 0 | 71 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.83 | 17 | 0.00 | 0.15 | 46 | 69 | 0 | 0 | 70 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.74 | 17 | 0.00 | 0.11 | 48 | 69 | 0 | 0 | 70 | 1400 | 10 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2350 | 100 | 1.2 | 53 | 0.12 | 0.07 | 0.09 | 1.65 | 17 | 0.01 | 0.09 | 49 | 69 | 13 | 2 | 86 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2355 | 99 | 1.2 | 53 | 0.12 | 0.07 | 0.09 | 1.61 | 16 | 0.01 | 0.07 | 51 | 69 | 37 | 2 | 109 | 1400 | 12 |
| 13 | 1400 | 0.24 | 9 | 0.00 | 0.04 | 1 | 2361 | 98 | 1.9 | 67 | 0.19 | 0.15 | 0.09 | 1.58 | 16 | 0.02 | 0.06 | 53 | 69 | 56 | 4 | 131 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 1 | 2371 | 98 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.64 | 17 | 0.00 | 0.05 | 54 | 69 | 56 | 0 | 126 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 1 | 2371 | 98 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.55 | 16 | 0.00 | 0.04 | 55 | 69 | 11 | 0 | 81 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 1 | 2371 | 98 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.46 | 16 | 0.00 | 0.03 | 56 | 68 | 0 | 0 | 70 | 1400 | 16 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 1 | 2371 | 98 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.37 | 15 | 0.00 | 0.02 | 57 | 68 | 0 | 0 | 68 | 1400 | 17 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 1 | 2371 | 98 | 1.2 | 52 | 0.12 | 0.06 | 0.09 | 1.28 | 15 | 0.01 | 0.02 | 58 | 67 | 9 | 1 | 79 | 1400 | 18 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 1 | 2375 | 98 | 1.2 | 51 | 0.12 | 0.06 | 0.09 | 1.25 | 15 | 0.01 | 0.02 | 58 | 66 | 27 | 1 | 96 | 1400 | 19 |
| 20 | 1400 | 0.04 | 32 | 0.01 | 0.09 | 1 | 2380 | 97 | 2.6 | 79 | 0.26 | 0.22 | 0.09 | 1.21 | 15 | 0.03 | 0.02 | 58 | 66 | 54 | 5 | 126 | 1400 | 20 |
| 21 | 1400 | 0.10 | 32 | 0.01 | 0.12 | 2 | 2395 | 95 | 2.6 | 78 | 0.26 | 0.24 | 0.09 | 1.32 | 15 | 0.04 | 0.03 | 58 | 65 | 101 | 6 | 174 | 1400 | 21 |
| 22 | 1400 | 0.29 | 0 | 0.01 | 0.12 | 2 | 2410 | 95 | 0.1 | 4 | 0.01 | 0.00 | 0.09 | 1.46 | 16 | 0.00 | 0.02 | 57 | 64 | 81 | 0 | 146 | 1400 | 22 |
| 23 | 1400 | 0.01 | 42 | 0.01 | 0.16 | 2 | 2410 | 94 | 2.5 | 77 | 0.26 | 0.21 | 0.09 | 1.40 | 16 | 0.03 | 0.02 | 58 | 63 | 48 | 5 | 117 | 1400 | 23 |
| 24 | 1400 | 0.00 | 32 | 0.01 | 0.19 | 3 | 2426 | 93 | 2.5 | 76 | 0.26 | 0.20 | 0.09 | 1.50 | 16 | 0.03 | 0.03 | 58 | 62 | 93 | 5 | 162 | 1400 | 24 |
| 25 | 1400 | 0.00 | 53 | 0.01 | 0.24 | 4 | 2442 | 91 | 3.1 | 89 | 0.33 | 0.30 | 0.09 | 1.59 | 16 | 0.05 | 0.03 | 57 | 61 | 122 | 8 | 192 | 1400 | 25 |
| 26 | 1400 | 0.03 | 53 | 0.01 | 0.29 | 4 | 2465 | 89 | 3.1 | 87 | 0.33 | 0.31 | 0.09 | 1.77 | 17 | 0.05 | 0.04 | 57 | 60 | 159 | 9 | 229 | 1400 | 26 |
| 27 | 1400 | 0.00 | 67 | 0.01 | 0.35 | 5 | 2489 | 87 | 4.0 | 86 | 0.44 | 0.38 | 0.09 | 1.97 | 18 | 0.07 | 0.05 | 56 | 59 | 191 | 12 | 263 | 1400 | 27 |
| 28 | 1400 | 0.09 | 96 | 0.03 | 0.46 | 7 | 2522 | 83 | 5.9 | 84 | 0.66 | 0.64 | 0.09 | 2.24 | 19 | 0.12 | 0.07 | 55 | 58 | 283 | 22 | 365 | 1400 | 28 |
| 29 | 1400 | 0.02 | 0 | 0.03 | 0.47 | 7 | 2573 | 83 | 0.9 | 36 | 0.10 | 0.04 | 0.09 | 2.77 | 22 | 0.01 | 0.05 | 53 | 58 | 277 | 2 | 338 | 1400 | 29 |
| 30 | 1400 | 0.13 | 32 | 0.04 | 0.50 | 8 | 2577 | 81 | 2.3 | 64 | 0.26 | 0.21 | 0.09 | 2.72 | 22 | 0.05 | 0.05 | 55 | 58 | 121 | 8 | 188 | 1400 | 30 |
| 31 | 1400 | 0.09 | 82 | 0.06 | 0.60 | 9 | 2595 | 78 | 4.7 | 78 | 0.56 | 0.51 | 0.09 | 2.84 | 23 | 0.12 | 0.07 | 55 | 58 | 226 | 21 | 306 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEC AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.125 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 53 | 0.06 | 0.66 | 10 | 2633 | 77 | 2.6 | 74 | 0.32 | 0.25 | 0.09 | 3.25 | 26 | 0.06 | 0.08 | 53 | 58 | 323 | 12 | 395 | 1400 | 1 |
| 2 | 1400 | 0.23 | 0 | 0.06 | 0.67 | 10 | 2653 | 77 | 0.7 | 30 | 0.09 | 0.03 | 0.09 | 3.39 | 27 | 0.01 | 0.06 | 52 | 59 | 193 | 1 | 255 | 1400 | 2 |
| 3 | 1400 | 0.07 | 67 | 0.07 | 0.76 | 11 | 2655 | 74 | 3.5 | 73 | 0.44 | 0.37 | 0.09 | 3.36 | 27 | 0.10 | 0.08 | 54 | 61 | 159 | 18 | 239 | 1400 | 3 |
| 4 | 1400 | 0.00 | 99 | 0.07 | 1.02 | 15 | 2683 | 68 | 9.3 | 74 | 1.20 | 0.89 | 0.09 | 3.63 | 29 | 0.26 | 0.14 | 52 | 63 | 504 | 50 | 618 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.07 | 1.46 | 22 | 2767 | 58 | 13.1 | 68 | 1.81 | 1.23 | 0.09 | 4.47 | 36 | 0.44 | 0.27 | 48 | 65 | 1128 | 119 | 1315 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.07 | 1.98 | 30 | 2900 | 48 | 13.7 | 58 | 2.17 | 1.25 | 0.09 | 5.74 | 42 | 0.53 | 0.45 | 39 | 68 | 1857 | 223 | 2150 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.07 | 2.51 | 38 | 3047 | 39 | 12.4 | 48 | 2.40 | 1.15 | 0.09 | 7.16 | 46 | 0.53 | 0.65 | 30 | 73 | 2419 | 321 | 2814 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.07 | 2.92 | 44 | 3245 | 3 | 9.1 | 39 | 2.08 | 0.80 | 0.09 | 8.67 | 50 | 0.80 | 0.77 | 26 | 78 | 2512 | 264 | 2855 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.07 | 3.52 | 53 | 3357 | 26 | 12.9 | 33 | 3.37 | 1.12 | 0.09 | 9.76 | 54 | 0.60 | 1.11 | 24 | 84 | 2528 | 706 | 3319 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.07 | 4.11 | 61 | 3524 | 19 | 12.6 | 26 | 3.89 | 0.99 | 0.09 | 11.71 | 59 | 0.59 | 1.54 | 19 | 92 | 2881 | 1085 | 4059 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.07 | 4.52 | 67 | 3668 | 16 | 9.4 | 19 | 3.17 | 0.59 | 0.09 | 13.76 | 69 | 0.41 | 1.76 | 15 | 101 | 2625 | 805 | 3533 | 1400 | 11 |
| 12 | 1400 | 0.06 | 99 | 0.12 | 4.82 | 72 | 3731 | 14 | 7.3 | 16 | 2.60 | 0.47 | 0.09 | 14.84 | 74 | 0.35 | 1.87 | 12 | 113 | 2123 | 642 | 2879 | 1400 | 12 |
| 13 | 1400 | 0.00 | 97 | 0.12 | 4.97 | 74 | 3779 | 13 | 4.2 | 13 | 1.58 | 0.20 | 0.09 | 15.55 | 75 | 0.15 | 1.72 | 11 | 126 | 1628 | 163 | 1918 | 1400 | 13 |
| 14 | 1400 | 0.06 | 97 | 0.16 | 5.15 | 77 | 3802 | 11 | 5.2 | 12 | 1.96 | 0.30 | 0.09 | 15.85 | 75 | 0.23 | 1.71 | 13 | 141 | 1190 | 295 | 1628 | 1400 | 14 |
| 15 | 1400 | 0.57 | 82 | 0.51 | 5.21 | 78 | 3830 | 11 | 2.2 | 8 | 0.86 | 0.53 | 0.09 | 16.33 | 75 | 0.40 | 1.52 | 13 | 158 | 1662 | 353 | 2176 | 1400 | 15 |
| 16 | 1400 | 0.00 | 97 | 0.51 | 5.40 | 81 | 3838 | 9 | 6.1 | 11 | 2.39 | 0.26 | 0.09 | 16.58 | 75 | 0.19 | 1.63 | 15 | 177 | 1916 | 296 | 2391 | 1400 | 16 |
| 17 | 1400 | 0.08 | 97 | 0.57 | 5.50 | 82 | 3868 | 9 | 4.1 | 8 | 1.64 | 0.22 | 0.09 | 17.17 | 75 | 0.16 | 1.55 | 14 | 197 | 1218 | 174 | 1591 | 1400 | 17 |
| 18 | 1400 | 0.02 | 100 | 0.58 | 5.71 | 85 | 3885 | 7 | 8.0 | 9 | 3.25 | 0.30 | 0.09 | 17.51 | 75 | 0.22 | 1.65 | 14 | 218 | 1035 | 504 | 1758 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.58 | 5.95 | 89 | 3917 | 5 | 11.0 | 7 | 4.53 | 0.32 | 0.09 | 18.40 | 75 | 0.24 | 2.40 | 12 | 239 | 1001 | 880 | 2121 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 0.60 | 6.05 | 90 | 3955 | 5 | 5.5 | 5 | 2.33 | 0.15 | 0.09 | 19.78 | 75 | 0.12 | 2.31 | 10 | 260 | 832 | 211 | 1304 | 1400 | 20 |
| 21 | 1400 | 0.24 | 97 | 0.78 | 6.05 | 90 | 3969 | 5 | 0.9 | 4 | 0.23 | 0.24 | 0.09 | 20.36 | 75 | 0.18 | 1.88 | 10 | 281 | 875 | 86 | 1244 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 0.78 | 6.21 | 93 | 3970 | 4 | 10.4 | 5 | 4.43 | 0.20 | 0.09 | 20.40 | 75 | 0.15 | 2.39 | 11 | 302 | 968 | 547 | 1818 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 0.78 | 6.37 | 95 | 3994 | 2 | 14.2 | 3 | 6.15 | 0.21 | 0.09 | 21.73 | 75 | 0.16 | 3.31 | 10 | 321 | 608 | 763 | 1694 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.78 | 6.47 | 97 | 5069 | 2 | 13.1 | 2 | 5.72 | 0.13 | 0.09 | 23.85 | 75 | 0.10 | 3.86 | 10 | 339 | 409 | 461 | 1211 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.78 | 6.55 | 98 | 5134 | 1 | 15.0 | 2 | 6.60 | 0.11 | 0.09 | 25.72 | 75 | 0.08 | 4.54 | 10 | 356 | 278 | 392 | 1027 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.78 | 6.60 | 99 | 5185 | 1 | 15.9 | 1 | 7.05 | 0.07 | 0.09 | 27.97 | 75 | 0.05 | 5.16 | 10 | 371 | 187 | 278 | 837 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 0.78 | 6.63 | 99 | 5219 | 1 | 11.8 | 1 | 5.28 | 0.04 | 0.09 | 30.35 | 75 | 0.03 | 5.03 | 10 | 384 | 127 | 142 | 655 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 0.78 | 6.63 | 99 | 5235 | 1 | 3.8 | 0 | 1.70 | 0.01 | 0.09 | 31.78 | 75 | 0.01 | 4.20 | 10 | 396 | 84 | 9 | 490 | 1400 | 28 |
| 29 | 1400 | 0.11 | 100 | 0.87 | 6.64 | 99 | 5239 | 0 | 3.8 | 0 | 1.70 | 0.12 | 0.09 | 32.06 | 75 | 0.09 | 3.55 | 10 | 405 | 201 | 104 | 711 | 1400 | 29 |
| 30 | 1400 | 0.88 | 97 | 1.51 | 6.64 | 99 | 5242 | 0 | 0.8 | 0 | 0.35 | 0.85 | 0.09 | 32.38 | 75 | 0.64 | 2.97 | 10 | 412 | 1611 | 530 | 2554 | 1400 | 30 |



FORM 1417-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.448 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 97 | 2.14 | 6.64 | 99 | 5243 | 0 | 0.8 | 0 | 0.35 | 0.84 | 0.09 | 32.64 | 75 | 0.63 | 2.52 | 10 | 417 | 3716 | 530 | 4665 | 1400 | 1 |
| 2 | 1400 | 0.09 | 97 | 2.20 | 6.64 | 99 | 5244 | 0 | 1.8 | 0 | 0.80 | 0.09 | 0.10 | 32.90 | 75 | 0.07 | 2.09 | 10 | 420 | 2995 | 55 | 3473 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.20 | 6.65 | 99 | 5245 | 0 | 4.8 | 0 | 2.14 | 0.01 | 0.10 | 32.99 | 75 | 0.01 | 1.94 | 10 | 422 | 812 | 8 | 1244 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 2.25 | 6.65 | 99 | 5249 | 0 | 7.8 | 0 | 3.48 | 0.07 | 0.10 | 33.34 | 75 | 0.05 | 2.02 | 11 | 421 | 189 | 143 | 755 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.25 | 6.66 | 99 | 5254 | 0 | 11.8 | 0 | 5.27 | 0.01 | 0.10 | 34.03 | 75 | 0.01 | 2.34 | 10 | 420 | 155 | 43 | 619 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.25 | 6.67 | 100 | 5260 | 0 | 12.8 | 0 | 5.72 | 0.01 | 0.10 | 35.09 | 75 | 0.01 | 2.57 | 10 | 416 | 53 | 33 | 504 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 2.26 | 6.67 | 100 | 5265 | 0 | 9.7 | 0 | 4.38 | 0.02 | 0.10 | 36.11 | 75 | 0.01 | 2.45 | 10 | 412 | 30 | 41 | 485 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.26 | 6.68 | 100 | 5267 | 0 | 15.7 | 0 | 7.07 | 0.01 | 0.10 | 36.70 | 75 | 0.00 | 2.59 | 10 | 406 | 30 | 24 | 461 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.26 | 6.68 | 100 | 5270 | 0 | 16.7 | 0 | 7.52 | 0.00 | 0.10 | 37.61 | 75 | 0.00 | 2.54 | 10 | 399 | 13 | 16 | 430 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.26 | 6.68 | 100 | 5272 | 0 | 17.7 | 0 | 7.97 | 0.00 | 0.10 | 38.29 | 75 | 0.00 | 2.34 | 10 | 392 | 6 | 10 | 409 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 2.26 | 6.68 | 100 | 5273 | 0 | 18.7 | 0 | 8.42 | 0.00 | 0.10 | 38.73 | 75 | 0.00 | 2.07 | 10 | 383 | 3 | 6 | 394 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 2.30 | 6.69 | 100 | 5274 | 0 | 13.7 | 0 | 6.17 | 0.06 | 0.10 | 38.98 | 75 | 0.05 | 1.73 | 10 | 374 | 38 | 213 | 627 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 2.71 | 6.69 | 100 | 5274 | 0 | 9.7 | 0 | 4.37 | 0.55 | 0.10 | 39.05 | 75 | 0.41 | 1.49 | 13 | 364 | 490 | 1573 | 2428 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 2.72 | 6.69 | 100 | 5275 | 0 | 10.7 | 0 | 4.82 | 0.01 | 0.10 | 39.22 | 75 | 0.01 | 1.21 | 15 | 354 | 790 | 62 | 1208 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.72 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.00 | 0.10 | 39.19 | 75 | 0.00 | 0.97 | 18 | 343 | 182 | 0 | 527 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 2.72 | 6.69 | 100 | 5275 | 0 | 8.7 | 0 | 3.92 | 0.00 | 0.10 | 39.11 | 75 | 0.00 | 0.78 | 21 | 332 | 16 | 0 | 350 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.72 | 6.69 | 100 | 5275 | 0 | 9.7 | 0 | 4.37 | 0.00 | 0.10 | 39.04 | 75 | 0.00 | 0.63 | 24 | 321 | 1 | 0 | 323 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.72 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.00 | 0.10 | 38.97 | 75 | 0.00 | 0.50 | 27 | 310 | 0 | 0 | 311 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.72 | 6.69 | 100 | 5275 | 0 | 10.7 | 0 | 4.82 | 0.00 | 0.10 | 38.88 | 75 | 0.00 | 0.41 | 29 | 298 | 0 | 0 | 299 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 2.86 | 6.69 | 100 | 5275 | 0 | 10.7 | 0 | 4.82 | 0.19 | 0.10 | 38.80 | 75 | 0.14 | 0.36 | 32 | 287 | 143 | 330 | 761 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 2.86 | 6.69 | 100 | 5275 | 0 | 4.7 | 0 | 2.13 | 0.00 | 0.10 | 38.79 | 75 | 0.00 | 0.28 | 34 | 275 | 260 | 7 | 544 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 2.88 | 6.69 | 100 | 5275 | 0 | 3.7 | 0 | 1.68 | 0.02 | 0.10 | 38.69 | 75 | 0.02 | 0.23 | 38 | 264 | 77 | 8 | 350 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 2.90 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.03 | 0.10 | 38.60 | 75 | 0.02 | 0.19 | 43 | 253 | 69 | 19 | 342 | 1400 | 23 |
| 24 | 1400 | 0.23 | 100 | 3.07 | 6.69 | 100 | 5275 | 0 | 3.7 | 0 | 1.68 | 0.23 | 0.10 | 38.52 | 75 | 0.17 | 0.19 | 46 | 242 | 270 | 81 | 595 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 3.19 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.15 | 0.10 | 38.51 | 75 | 0.11 | 0.17 | 46 | 232 | 526 | 89 | 848 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 3.25 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.08 | 0.10 | 38.47 | 75 | 0.06 | 0.15 | 46 | 221 | 385 | 46 | 653 | 1400 | 26 |
| 27 | 1400 | 0.66 | 99 | 3.74 | 6.69 | 100 | 5275 | 0 | 2.7 | 0 | 1.23 | 0.65 | 0.10 | 38.41 | 75 | 0.49 | 0.22 | 47 | 212 | 769 | 216 | 1197 | 1400 | 27 |
| 28 | 1400 | 0.13 | 99 | 3.83 | 6.69 | 100 | 5275 | 0 | 2.7 | 0 | 1.23 | 0.13 | 0.10 | 38.54 | 75 | 0.10 | 0.20 | 43 | 203 | 1227 | 43 | 1475 | 1400 | 28 |
| 29 | 1400 | 0.22 | 100 | 4.00 | 6.69 | 100 | 5275 | 0 | 5.7 | 0 | 2.58 | 0.22 | 0.10 | 38.49 | 75 | 0.17 | 0.19 | 45 | 194 | 661 | 113 | 970 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 4.19 | 6.69 | 100 | 5275 | 0 | 5.7 | 0 | 2.58 | 0.25 | 0.10 | 38.48 | 75 | 0.19 | 0.19 | 45 | 187 | 643 | 130 | 961 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 4.65 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.62 | 0.10 | 38.48 | 75 | 0.47 | 0.25 | 45 | 181 | 992 | 435 | 1609 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE 90981 | RUN NO. 6 MAY 1971 1400 | INITIAL DATE, HOUR | JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. | N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 5.09 | 6.69 | 100 | 5275 | 0 | 8.7 | 0 | 3.92 | 0.58 | 0.10 | 38.61 | 75 | 0.44 | 0.29 | 41 | 176 | 1475 | 641 | 2294 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 5.40 | 6.69 | 100 | 5275 | 0 | 11.7 | 0 | 5.27 | 0.42 | 0.10 | 38.73 | 75 | 0.32 | 0.30 | 38 | 173 | 1315 | 715 | 2205 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 5.40 | 6.69 | 100 | 5275 | 0 | 7.7 | 0 | 3.47 | 0.00 | 0.10 | 38.79 | 75 | 0.00 | 0.23 | 37 | 172 | 702 | 15 | 890 | 1400 | 3 |
| 4 | 1400 | 0.01 | 100 | 5.41 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.01 | 0.10 | 38.69 | 75 | 0.01 | 0.19 | 42 | 172 | 131 | 4 | 309 | 1400 | 4 |
| 5 | 1400 | 0.14 | 100 | 5.51 | 6.69 | 100 | 5275 | 0 | 8.7 | 0 | 3.92 | 0.14 | 0.10 | 38.59 | 75 | 0.11 | 0.17 | 46 | 175 | 132 | 110 | 419 | 1400 | 5 |
| 6 | 1400 | 0.87 | 100 | 6.16 | 6.69 | 100 | 5275 | 0 | 5.7 | 0 | 2.58 | 0.86 | 0.10 | 38.55 | 75 | 0.65 | 0.27 | 47 | 180 | 919 | 540 | 1640 | 1400 | 6 |
| 7 | 1400 | 0.59 | 100 | 6.61 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.59 | 0.10 | 38.74 | 75 | 0.44 | 0.31 | 39 | 187 | 1866 | 532 | 2586 | 1400 | 7 |
| 8 | 1400 | 0.98 | 100 | 7.34 | 6.69 | 100 | 5275 | 0 | 5.7 | 0 | 2.58 | 0.98 | 0.10 | 38.86 | 75 | 0.73 | 0.40 | 37 | 196 | 2129 | 935 | 3262 | 1400 | 8 |
| 9 | 1400 | 1.36 | 100 | 8.36 | 6.69 | 100 | 5275 | 0 | 5.7 | 0 | 2.58 | 1.36 | 0.10 | 39.08 | 75 | 1.02 | 0.53 | 32 | 208 | 3078 | 1739 | 5026 | 1400 | 9 |
| 10 | 1400 | 1.47 | 100 | 9.47 | 6.69 | 100 | 5275 | 0 | 8.7 | 0 | 3.92 | 1.47 | 0.10 | 39.40 | 75 | 1.11 | 0.66 | 28 | 221 | 3630 | 3159 | 7012 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 9.47 | 6.69 | 100 | 5275 | 0 | 14.7 | 0 | 6.62 | 0.00 | 0.10 | 39.75 | 75 | 0.00 | 0.52 | 26 | 236 | 2386 | 69 | 2693 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 9.47 | 6.69 | 100 | 5275 | 0 | 13.7 | 0 | 6.17 | 0.00 | 0.10 | 39.65 | 75 | 0.00 | 0.41 | 29 | 254 | 445 | 0 | 700 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 9.90 | 6.69 | 100 | 5275 | 0 | 11.7 | 0 | 5.27 | 0.57 | 0.10 | 39.55 | 75 | 0.43 | 0.41 | 32 | 275 | 402 | 1183 | 1862 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 9.90 | 6.69 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.00 | 0.10 | 39.66 | 75 | 0.00 | 0.32 | 32 | 297 | 672 | 26 | 997 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 9.90 | 6.69 | 100 | 5275 | 0 | 5.7 | 0 | 2.58 | 0.00 | 0.10 | 39.56 | 75 | 0.00 | 0.25 | 36 | 322 | 145 | 0 | 468 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 9.90 | 6.69 | 100 | 5275 | 0 | 7.7 | 0 | 3.47 | 0.00 | 0.10 | 39.46 | 75 | 0.00 | 0.20 | 41 | 349 | 11 | 0 | 361 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 9.90 | 6.69 | 100 | 5275 | 0 | 8.7 | 0 | 3.92 | 0.00 | 0.10 | 39.36 | 75 | 0.00 | 0.16 | 45 | 378 | 0 | 0 | 379 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 9.92 | 6.69 | 100 | 5275 | 0 | 10.7 | 0 | 4.82 | 0.03 | 0.10 | 39.26 | 75 | 0.02 | 0.13 | 47 | 407 | 21 | 27 | 457 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 9.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 39.18 | 75 | 0.04 | 0.11 | 49 | 437 | 85 | 8 | 532 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 10.26 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 39.09 | 75 | 0.31 | 0.15 | 50 | 466 | 468 | 62 | 998 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 10.26 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.15 | 75 | 0.00 | 0.12 | 47 | 495 | 700 | 1 | 1197 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 10.32 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 39.05 | 75 | 0.06 | 0.11 | 49 | 522 | 223 | 12 | 758 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 10.32 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.99 | 75 | 0.00 | 0.08 | 50 | 547 | 145 | 0 | 694 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 10.32 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.89 | 75 | 0.00 | 0.07 | 52 | 571 | 29 | 0 | 601 | 1400 | 24 |
| 25 | 1400 | 0.62 | 100 | 10.79 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.10 | 38.79 | 75 | 0.47 | 0.15 | 53 | 591 | 528 | 87 | 1206 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 10.80 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 38.91 | 75 | 0.02 | 0.12 | 47 | 609 | 970 | 5 | 1586 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 10.82 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 38.82 | 75 | 0.02 | 0.10 | 49 | 625 | 259 | 3 | 888 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 10.82 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.73 | 75 | 0.00 | 0.08 | 50 | 637 | 57 | 0 | 695 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 10.82 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.63 | 75 | 0.00 | 0.06 | 52 | 648 | 8 | 0 | 657 | 1400 | 29 |
| 30 | 1400 | 0.00 | 97 | 10.82 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.53 | 75 | 0.00 | 0.05 | 54 | 655 | 0 | 0 | 656 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 10.95 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 38.43 | 75 | 0.13 | 0.07 | 55 | 660 | 138 | 23 | 822 | 1400 | 31 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.049 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 97 | 11.22 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 38.39 | 75 | 0.27 | 0.11 | 53 | 663 | 553 | 50 | 1268 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 11.45 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 38.43 | 75 | 0.23 | 0.14 | 50 | 663 | 887 | 48 | 1600 | 1400 | 2 |
| 3 | 1400 | 0.04 | 97 | 11.48 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 38.45 | 75 | 0.03 | 0.11 | 48 | 662 | 675 | 7 | 1345 | 1400 | 3 |
| 4 | 1400 | 0.26 | 97 | 11.67 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.10 | 38.37 | 75 | 0.19 | 0.13 | 49 | 659 | 418 | 38 | 1117 | 1400 | 4 |
| 5 | 1400 | 0.56 | 82 | 12.01 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.46 | 0.10 | 38.37 | 75 | 0.34 | 0.17 | 49 | 654 | 871 | 72 | 1598 | 1400 | 5 |
| 6 | 1400 | 0.06 | 67 | 12.04 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 38.45 | 75 | 0.03 | 0.14 | 46 | 648 | 908 | 8 | 1565 | 1400 | 6 |
| 7 | 1400 | 0.00 | 96 | 12.04 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.37 | 75 | 0.00 | 0.11 | 48 | 641 | 247 | 0 | 889 | 1400 | 7 |
| 8 | 1400 | 0.04 | 99 | 12.07 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 38.27 | 75 | 0.03 | 0.10 | 49 | 634 | 65 | 6 | 706 | 1400 | 8 |
| 9 | 1400 | 0.09 | 99 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 38.19 | 75 | 0.07 | 0.09 | 50 | 626 | 148 | 13 | 788 | 1400 | 9 |
| 10 | 1400 | 0.00 | 82 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.12 | 75 | 0.00 | 0.07 | 51 | 618 | 160 | 0 | 778 | 1400 | 10 |
| 11 | 1400 | 0.00 | 53 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.02 | 75 | 0.00 | 0.06 | 53 | 609 | 32 | 0 | 643 | 1400 | 11 |
| 12 | 1400 | 0.00 | 96 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.92 | 75 | 0.00 | 0.04 | 54 | 601 | 2 | 0 | 604 | 1400 | 12 |
| 13 | 1400 | 0.00 | 97 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.82 | 75 | 0.00 | 0.03 | 56 | 593 | 0 | 0 | 593 | 1400 | 13 |
| 14 | 1400 | 0.01 | 97 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 37.72 | 75 | 0.01 | 0.03 | 57 | 584 | 7 | 1 | 594 | 1400 | 14 |
| 15 | 1400 | 0.00 | 53 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.63 | 75 | 0.00 | 0.02 | 57 | 576 | 13 | 0 | 590 | 1400 | 15 |
| 16 | 1400 | 0.00 | 97 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.53 | 75 | 0.00 | 0.02 | 58 | 567 | 3 | 0 | 570 | 1400 | 16 |
| 17 | 1400 | 0.00 | 82 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.43 | 75 | 0.00 | 0.01 | 58 | 557 | 0 | 0 | 558 | 1400 | 17 |
| 18 | 1400 | 0.00 | 53 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.33 | 75 | 0.00 | 0.01 | 59 | 548 | 0 | 0 | 548 | 1400 | 18 |
| 19 | 1400 | 0.03 | 0 | 12.14 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.23 | 75 | 0.00 | 0.01 | 59 | 537 | 0 | 0 | 538 | 1400 | 19 |
| 20 | 1400 | 0.80 | 82 | 12.63 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.65 | 0.10 | 37.13 | 75 | 0.49 | 0.11 | 59 | 526 | 483 | 82 | 1093 | 1400 | 20 |
| 21 | 1400 | 0.45 | 97 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.44 | 0.10 | 37.27 | 75 | 0.33 | 0.16 | 49 | 515 | 1279 | 68 | 1863 | 1400 | 21 |
| 22 | 1400 | 0.00 | 32 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.34 | 75 | 0.00 | 0.12 | 47 | 503 | 917 | 1 | 1422 | 1400 | 22 |
| 23 | 1400 | 0.00 | 9 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.24 | 75 | 0.00 | 0.10 | 49 | 490 | 172 | 0 | 663 | 1400 | 23 |
| 24 | 1400 | 0.00 | 96 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.14 | 75 | 0.00 | 0.08 | 50 | 478 | 12 | 0 | 492 | 1400 | 24 |
| 25 | 1400 | 0.00 | 0 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.04 | 75 | 0.00 | 0.06 | 52 | 466 | 0 | 0 | 467 | 1400 | 25 |
| 26 | 1400 | 0.00 | 0 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.94 | 75 | 0.00 | 0.05 | 54 | 455 | 0 | 0 | 455 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.84 | 75 | 0.00 | 0.04 | 55 | 444 | 0 | 0 | 444 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.74 | 75 | 0.00 | 0.03 | 56 | 433 | 0 | 0 | 434 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.64 | 75 | 0.00 | 0.02 | 57 | 423 | 0 | 0 | 424 | 1400 | 29 |
| 30 | 1400 | 0.16 | 0 | 12.96 | 6.69 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 36.62 | 75 | 0.00 | 0.02 | 58 | 414 | 0 | 0 | 414 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y

FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONSI. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ME-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.03 | 0 | 0 | 0 | 18 | 18 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.27 | 8 | 2361 | 81 | 2.7 | 100 | 0.27 | 0.27 | 0.09 | 2.00 | 100 | 0.27 | 0.10 | 57 | 201 | 144 | 16 | 362 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.00 | 0.76 | 21 | 2361 | 59 | 5.0 | 81 | 0.60 | 0.49 | 0.09 | 1.92 | 100 | 0.49 | 0.25 | 50 | 315 | 292 | 13 | 622 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.00 | 1.11 | 31 | 2362 | 46 | 3.9 | 59 | 0.60 | 0.35 | 0.09 | 1.83 | 100 | 0.35 | 0.36 | 41 | 185 | 251 | 15 | 453 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.00 | 1.47 | 41 | 2362 | 36 | 3.9 | 46 | 0.77 | 0.36 | 0.09 | 1.74 | 100 | 0.36 | 0.50 | 34 | 156 | 281 | 18 | 457 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.00 | 2.21 | 61 | 2362 | 19 | 8.5 | 36 | 2.08 | 0.74 | 0.09 | 1.65 | 100 | 0.74 | 1.24 | 29 | 278 | 539 | 42 | 859 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.00 | 2.75 | 76 | 2363 | 12 | 8.5 | 14 | 2.87 | 0.54 | 0.09 | 1.56 | 100 | 0.54 | 1.97 | 18 | 121 | 357 | 104 | 584 | 1400 | 12 |
| 13 | 1400 | 0.24 | 100 | 0.24 | 3.18 | 88 | 2363 | 6 | 9.6 | 11 | 3.74 | 0.67 | 0.09 | 1.47 | 100 | 0.67 | 3.20 | 10 | 88 | 321 | 212 | 622 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.24 | 3.27 | 91 | 2363 | 4 | 3.9 | 6 | 1.64 | 0.09 | 0.09 | 1.41 | 100 | 0.09 | 2.95 | 10 | 11 | 84 | 266 | 363 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.24 | 3.36 | 93 | 2363 | 3 | 5.0 | 4 | 2.15 | 0.09 | 0.09 | 1.32 | 100 | 0.09 | 2.95 | 10 | 12 | 77 | 173 | 263 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 0.24 | 3.42 | 95 | 2363 | 2 | 3.9 | 3 | 1.69 | 0.05 | 0.09 | 1.23 | 100 | 0.05 | 2.77 | 10 | 6 | 47 | 65 | 120 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 0.24 | 3.47 | 96 | 2363 | 2 | 5.0 | 2 | 2.20 | 0.05 | 0.09 | 1.14 | 100 | 0.05 | 2.81 | 10 | 6 | 42 | 29 | 79 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 0.24 | 3.53 | 98 | 2363 | 1 | 8.5 | 2 | 3.74 | 0.06 | 0.09 | 1.05 | 100 | 0.06 | 3.66 | 10 | 8 | 32 | 23 | 64 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.24 | 3.56 | 99 | 2363 | 1 | 8.5 | 1 | 3.78 | 0.03 | 0.09 | 0.96 | 100 | 0.03 | 4.21 | 10 | 4 | 15 | 27 | 48 | 1400 | 19 |
| 20 | 1400 | 0.04 | 100 | 0.28 | 3.58 | 100 | 2363 | 0 | 10.8 | 0 | 4.83 | 0.06 | 0.09 | 0.87 | 100 | 0.06 | 5.06 | 10 | 7 | 23 | 30 | 62 | 1400 | 20 |
| 21 | 1400 | 0.10 | 100 | 0.38 | 3.59 | 100 | 2363 | 0 | 10.8 | 0 | 4.84 | 0.11 | 0.09 | 0.78 | 100 | 0.11 | 4.97 | 10 | 13 | 41 | 43 | 99 | 1400 | 21 |
| 22 | 1400 | 0.29 | 100 | 0.67 | 3.59 | 100 | 2363 | 0 | 6.2 | 0 | 2.78 | 0.29 | 0.09 | 0.70 | 100 | 0.29 | 4.19 | 10 | 37 | 182 | 77 | 297 | 1400 | 22 |
| 23 | 1400 | 0.01 | 100 | 0.68 | 3.59 | 100 | 2363 | 0 | 10.8 | 0 | 4.85 | 0.01 | 0.09 | 0.65 | 100 | 0.01 | 3.58 | 10 | 1 | 4 | 95 | 101 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.68 | 3.59 | 100 | 2363 | 0 | 10.8 | 0 | 4.85 | 0.00 | 0.09 | 0.56 | 100 | 0.00 | 2.91 | 10 | 0 | 0 | 59 | 60 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.68 | 3.59 | 100 | 2363 | 0 | 11.9 | 0 | 5.37 | 0.00 | 0.09 | 0.47 | 100 | 0.00 | 2.33 | 10 | 0 | 0 | 18 | 18 | 1400 | 25 |
| 26 | 1400 | 0.03 | 100 | 0.71 | 3.59 | 100 | 2363 | 0 | 11.9 | 0 | 5.37 | 0.03 | 0.09 | 0.38 | 100 | 0.03 | 1.85 | 10 | 3 | 10 | 8 | 23 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.71 | 3.59 | 100 | 2363 | 0 | 13.1 | 0 | 5.88 | 0.00 | 0.09 | 0.30 | 100 | 0.00 | 1.45 | 12 | 0 | 0 | 10 | 11 | 1400 | 27 |
| 28 | 1400 | 0.09 | 100 | 0.80 | 3.59 | 100 | 2363 | 0 | 15.4 | 0 | 6.92 | 0.09 | 0.09 | 0.21 | 100 | 0.09 | 1.16 | 15 | 17 | 24 | 20 | 63 | 1400 | 28 |
| 29 | 1400 | 0.02 | 100 | 0.82 | 3.59 | 100 | 2363 | 0 | 8.5 | 0 | 3.82 | 0.02 | 0.09 | 0.13 | 100 | 0.02 | 0.92 | 18 | 4 | 10 | 34 | 49 | 1400 | 29 |
| 30 | 1400 | 0.13 | 100 | 0.95 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.09 | 0.04 | 100 | 0.13 | 0.75 | 21 | 35 | 125 | 28 | 190 | 1400 | 30 |
| 31 | 1400 | 0.09 | 100 | 1.04 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.09 | 0.00 | 100 | 0.09 | 0.61 | 24 | 28 | 83 | 13 | 125 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90961 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 100 | 1.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.09 | 0.00 | 100 | 0.02 | 0.48 | 27 | 6 | 17 | 6 | 31 | 1400 | 1 |
| 2 | 1400 | 0.23 | 100 | 1.29 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.23 | 0.09 | 0.00 | 100 | 0.23 | 0.43 | 30 | 87 | 198 | 4 | 291 | 1400 | 2 |
| 3 | 1400 | 0.07 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.07 | 0.09 | 0.00 | 100 | 0.07 | 0.35 | 31 | 28 | 59 | 5 | 93 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.28 | 34 | 0 | 0 | 4 | 5 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.22 | 39 | 0 | 0 | 1 | 2 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.17 | 44 | 0 | 0 | 0 | 0 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.13 | 46 | 0 | 0 | 0 | 0 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.11 | 48 | 0 | 0 | 0 | 0 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 0 | 0 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 0 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.36 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 0 | 0 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 1.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.09 | 0.00 | 100 | 0.06 | 0.05 | 55 | 42 | 33 | 0 | 76 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 1.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 0 | 1 | 1400 | 13 |
| 14 | 1400 | 0.06 | 100 | 1.48 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.09 | 0.00 | 100 | 0.06 | 0.05 | 56 | 43 | 32 | 0 | 76 | 1400 | 14 |
| 15 | 1400 | 0.57 | 100 | 2.05 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.57 | 0.09 | 0.00 | 100 | 0.57 | 0.16 | 55 | 407 | 310 | 3 | 722 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 2.05 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.12 | 47 | 0 | 0 | 7 | 8 | 1400 | 16 |
| 17 | 1400 | 0.08 | 100 | 2.13 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.09 | 0.00 | 100 | 0.08 | 0.11 | 49 | 50 | 50 | 5 | 106 | 1400 | 17 |
| 18 | 1400 | 0.02 | 100 | 2.15 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.09 | 0.00 | 100 | 0.02 | 0.09 | 49 | 12 | 12 | 2 | 28 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.15 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.07 | 51 | 0 | 0 | 1 | 1 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 2.18 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.09 | 0.00 | 100 | 0.03 | 0.06 | 53 | 20 | 17 | 0 | 38 | 1400 | 20 |
| 21 | 1400 | 0.24 | 100 | 2.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.09 | 0.00 | 100 | 0.24 | 0.10 | 54 | 165 | 136 | 1 | 304 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 2.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.08 | 53 | 0 | 0 | 3 | 3 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 2 | 2 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 0 | 1 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 0 | 0 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 0 | 0 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 2.43 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.09 | 0.00 | 100 | 0.01 | 0.03 | 57 | 7 | 5 | 0 | 13 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.43 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.02 | 57 | 0 | 0 | 0 | 0 | 1400 | 28 |
| 29 | 1400 | 0.11 | 100 | 2.54 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.11 | 0.09 | 0.00 | 100 | 0.11 | 0.04 | 58 | 82 | 56 | 0 | 139 | 1400 | 29 |
| 30 | 1400 | 0.88 | 100 | 3.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.88 | 0.09 | 0.00 | 100 | 0.88 | 0.22 | 56 | 635 | 464 | 7 | 1108 | 1400 | 30 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1971 | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 100 | 4.29 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.87 | 0.09 | 0.00 | 100 | 0.87 | 0.36 | 43 | 487 | 585 | 23 | 1097 | 1400 | 1 |
| 2 | 1400 | 0.09 | 100 | 4.38 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 0.00 | 100 | 0.09 | 0.30 | 34 | 39 | 72 | 31 | 144 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 4.38 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.24 | 37 | 0 | 0 | 19 | 20 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 4.44 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 0.00 | 100 | 0.06 | 0.20 | 42 | 32 | 42 | 6 | 82 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 4.44 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.16 | 45 | 0 | 0 | 2 | 2 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 4.44 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.12 | 47 | 0 | 0 | 0 | 1 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 4.45 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 0.00 | 100 | 0.01 | 0.10 | 49 | 6 | 6 | 0 | 13 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 4.45 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 0 | 0 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 4.45 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 0 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 4.45 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 0 | 0 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 4.45 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 0 | 0 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 4.51 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.06 | 0.04 | 56 | 43 | 32 | 0 | 76 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 5.05 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.55 | 0.10 | 0.00 | 100 | 0.55 | 0.15 | 56 | 395 | 297 | 3 | 697 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 5.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 0.00 | 100 | 0.01 | 0.12 | 47 | 6 | 6 | 7 | 20 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 5.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.09 | 49 | 0 | 0 | 5 | 5 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 5.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.07 | 51 | 0 | 0 | 1 | 2 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 5.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.06 | 53 | 0 | 0 | 0 | 0 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 5.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 0 | 0 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 5.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 0 | 0 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 5.25 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.19 | 0.10 | 0.00 | 100 | 0.19 | 0.07 | 56 | 138 | 101 | 0 | 241 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 5.25 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.05 | 53 | 0 | 0 | 2 | 2 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 5.27 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.00 | 100 | 0.02 | 0.05 | 55 | 14 | 11 | 1 | 27 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 5.30 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 0.00 | 100 | 0.03 | 0.04 | 55 | 21 | 16 | 0 | 39 | 1400 | 23 |
| 24 | 1400 | 0.23 | 100 | 5.53 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.23 | 0.10 | 0.00 | 100 | 0.23 | 0.08 | 56 | 165 | 124 | 1 | 292 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 5.68 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.10 | 0.00 | 100 | 0.15 | 0.10 | 52 | 99 | 88 | 3 | 193 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 5.76 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 0.00 | 100 | 0.08 | 0.09 | 50 | 51 | 48 | 4 | 105 | 1400 | 26 |
| 27 | 1400 | 0.66 | 100 | 6.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.66 | 0.10 | 0.00 | 100 | 0.66 | 0.21 | 51 | 430 | 393 | 7 | 832 | 1400 | 27 |
| 28 | 1400 | 0.13 | 100 | 6.55 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 0.00 | 100 | 0.13 | 0.20 | 44 | 73 | 89 | 13 | 176 | 1400 | 28 |
| 29 | 1400 | .22 | 100 | 6.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 0.00 | 100 | 0.22 | 0.20 | 45 | 128 | 147 | 11 | 288 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 7.02 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.10 | 0.00 | 100 | 0.25 | 0.21 | 45 | 144 | 168 | 8 | 322 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 7.64 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.10 | 0.00 | 100 | 0.62 | 0.30 | 44 | 352 | 418 | 12 | 782 | 1400 | 31 |

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-19 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | RII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 8.22 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.58 | 0.10 | 0.00 | 100 | 0.58 | 0.36 | 37 | 277 | 439 | 21 | 737 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 8.64 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.42 | 0.10 | 0.00 | 100 | 0.42 | 0.37 | 34 | 184 | 336 | 3 | 548 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 8.64 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.29 | 33 | 0 | 0 | 20 | 21 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 8.65 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.23 | 38 | 2 | 3 | 9 | 15 | 1400 | 4 |
| 5 | 1400 | 0.09 | 100 | 8.74 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 0.00 | 100 | 0.09 | 0.20 | 43 | 48 | 62 | 3 | 115 | 1400 | 5 |
| 6 | 1400 | 0.55 | 100 | 9.28 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.55 | 0.10 | 0.00 | 100 | 0.55 | 0.28 | 45 | 318 | 366 | 6 | 692 | 1400 | 6 |
| 7 | 1400 | 0.38 | 100 | 9.66 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.10 | 0.00 | 100 | 0.38 | 0.30 | 39 | 188 | [illegible]1 | 13 | 483 | 1400 | 7 |
| 8 | 1400 | 0.62 | 100 | 10.28 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.10 | 0.00 | 100 | 0.62 | 0.37 | 37 | 298 | [illegible]07 | 19 | 785 | 1400 | 8 |
| 9 | 1400 | 0.86 | 100 | 11.14 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.10 | 0.00 | 100 | 0.86 | 0.47 | 34 | 375 | 674 | 32 | 1083 | 1400 | 9 |
| 10 | 1400 | 0.94 | 100 | 12.08 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.93 | 0.10 | 0.00 | 100 | 0.93 | 0.57 | 30 | 359 | 765 | 52 | 1178 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 12.08 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.45 | 28 | 0 | 0 | 56 | 56 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 12.08 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.35 | 31 | 0 | 0 | 30 | 31 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 12.65 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.57 | 0.10 | 0.00 | 100 | 0.57 | 0.40 | 34 | 252 | 449 | 14 | 716 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 12.65 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.31 | 32 | 0 | 0 | 15 | 15 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 12.65 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.25 | 36 | 0 | 0 | 10 | 10 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 12.65 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.19 | 41 | 0 | 0 | 2 | 3 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 12.65 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.15 | 45 | 0 | 0 | 0 | 1 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 12.68 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 0.00 | 100 | 0.03 | 0.13 | 47 | 18 | 19 | 0 | 38 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 12.73 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 0.00 | 100 | 0.05 | 0.11 | 49 | 31 | 31 | 0 | 64 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 13.14 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 0.00 | 100 | 0.41 | 0.17 | 50 | 2[illegible]1 | 253 | 3 | 519 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 13.14 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.14 | 46 | 0 | 0 | 6 | 6 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 13.22 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 0.00 | 100 | 0.08 | 0.12 | 48 | 49 | 50 | 4 | 105 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 13.22 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.10 | 49 | 0 | 0 | 2 | 2 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 13.22 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 1 | 1 | 1400 | 24 |
| 25 | 1400 | 0.62 | 100 | 13.84 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.10 | 0.00 | 100 | 0.62 | 0.19 | 52 | 418 | 358 | 4 | 781 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 13.86 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.00 | 100 | 0.02 | 0.16 | 45 | 11 | 13 | 9 | 35 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 13.88 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.00 | 100 | 0.02 | 0.13 | 47 | 12 | 12 | 7 | 32 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 13.88 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.10 | 49 | 0 | 0 | 2 | 2 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 13.88 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 0 | 1 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 13.88 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 0 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 14.05 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 0.00 | 100 | 0.17 | 0.08 | 54 | 118 | 96 | 0 | 215 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | HII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 100 | 14.42 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.37 | 0.10 | 0.00 | 100 | 0.37 | 0.15 | 52 | 245 | 219 | 4 | 470 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 14.73 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 0.00 | 100 | 0.31 | 0.18 | 48 | 190 | 198 | 8 | 397 | 1400 | 2 |
| 3 | 1400 | 0.04 | 100 | 14.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 9 | 0.00 | 0.04 | 0.10 | 0.00 | 100 | 0.04 | 0.15 | 46 | 23 | 26 | 8 | 59 | 1400 | 3 |
| 4 | 1400 | 0.26 | 100 | 15.03 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.26 | 0.10 | 0.00 | 100 | 0.26 | 0.17 | 47 | 159 | 167 | 6 | 333 | 1400 | 4 |
| 5 | 1400 | 0.56 | 100 | 15.58 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.56 | 0.10 | 0.00 | 100 | 0.56 | 0.26 | 46 | 334 | 364 | 9 | 708 | 1400 | 5 |
| 6 | 1400 | 0.06 | 100 | 15.64 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 0.00 | 100 | 0.06 | 0.21 | 40 | 31 | 43 | 12 | 88 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 15.64 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.17 | 44 | 0 | 0 | 8 | 9 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 15.68 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 0.00 | 100 | 0.04 | 0.14 | 47 | 24 | 26 | 3 | 53 | 1400 | 8 |
| 9 | 1400 | 0.09 | 100 | 15.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 0.00 | 100 | 0.09 | 0.13 | 48 | 55 | 57 | 1 | 115 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 15.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.10 | 48 | 0 | 0 | 1 | 2 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 15.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 1 | 1 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 15.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 0 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 15.77 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 0 | 0 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 15.78 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 0.00 | 100 | 0.01 | 0.04 | 55 | 7 | 5 | 0 | 13 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 15.78 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 0 | 0 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 15.78 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.03 | 57 | 0 | 0 | 0 | 0 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 15.78 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.02 | 57 | 0 | 0 | 0 | 0 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 15.78 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.02 | 58 | 0 | 0 | 0 | 0 | 1400 | 18 |
| 19 | 1400 | 0.03 | 100 | 15.81 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 0.00 | 100 | 0.03 | 0.02 | 58 | 22 | 15 | 0 | 38 | 1400 | 19 |
| 20 | 1400 | 0.80 | 100 | 16.61 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.80 | 0.10 | 0.00 | 100 | 0.80 | 0.19 | 58 | 599 | 404 | 5 | 1009 | 1400 | 20 |
| 21 | 1400 | 0.45 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.10 | 0.00 | 100 | 0.45 | 0.24 | 46 | 265 | 299 | 14 | 579 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.19 | 42 | 0 | 0 | 15 | 15 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.15 | 45 | 0 | 0 | 7 | 7 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.12 | 48 | 0 | 0 | 1 | 2 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.09 | 49 | 0 | 0 | 0 | 0 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.07 | 51 | 0 | 0 | 0 | 0 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.06 | 53 | 0 | 0 | 0 | 0 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 54 | 0 | 0 | 0 | 0 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 17.06 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 56 | 0 | 0 | 0 | 0 | 1400 | 29 |
| 30 | 1400 | 0.16 | 100 | 17.22 | 3.59 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.16 | 0.10 | 0.00 | 100 | 0.16 | 0.06 | 56 | 116 | 85 | 0 | 203 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

FORM 141-3

PRINTED IN U.S.A.

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400

JOB DESCRIPTION
0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.03 | 0 | 120 | 20 | 0 | 140 | 1400 | 6 |
| 7 | 1400 | 0.05 | 14 | 0.00 | 0.03 | 1 | 2100 | 98 | 2.0 | 74 | 0.20 | 0.16 | 0.09 | 2.00 | 18 | 0.03 | 0.03 | 57 | 120 | 20 | 7 | 147 | 1400 | 7 |
| 8 | 1400 | 0.06 | 67 | 0.00 | 0.09 | 3 | 2124 | 94 | 3.9 | 90 | 0.39 | 0.36 | 0.09 | 2.05 | 18 | 0.06 | 0.04 | 57 | 120 | 20 | 15 | 156 | 1400 | 8 |
| 9 | 1400 | 0.00 | 41 | 0.00 | 0.14 | 4 | 2183 | 91 | 2.8 | 77 | 0.30 | 0.23 | 0.09 | 2.27 | 19 | 0.04 | 0.04 | 56 | 120 | 20 | 19 | 160 | 1400 | 9 |
| 10 | 1400 | 0.00 | 41 | 0.00 | 0.18 | 5 | 2223 | 88 | 2.8 | 74 | 0.30 | 0.22 | 0.09 | 2.38 | 20 | 0.04 | 0.04 | 56 | 120 | 20 | 25 | 166 | 1400 | 10 |
| 11 | 1400 | 0.00 | 95 | 0.00 | 0.31 | 9 | 2263 | 79 | 6.9 | 87 | 0.78 | 0.68 | 0.09 | 2.50 | 20 | 0.14 | 0.07 | 56 | 120 | 22 | 28 | 171 | 1400 | 11 |
| 12 | 1400 | 0.00 | 95 | 0.00 | 0.47 | 13 | 2378 | 71 | 6.7 | 78 | 0.82 | 0.64 | 0.09 | 3.10 | 25 | 0.16 | 0.10 | 53 | 120 | 25 | 36 | 181 | 1400 | 12 |
| 13 | 1400 | 0.24 | 97 | 0.07 | 0.69 | 19 | 2475 | 61 | 7.7 | 71 | 1.03 | 0.97 | 0.09 | 3.69 | 29 | 0.28 | 0.17 | 50 | 120 | 33 | 54 | 208 | 1400 | 13 |
| 14 | 1400 | 0.00 | 41 | 0.07 | 0.74 | 21 | 2606 | 59 | 2.1 | 44 | 0.31 | 0.14 | 0.09 | 4.63 | 37 | 0.05 | 0.15 | 46 | 120 | 46 | 87 | 254 | 1400 | 14 |
| 15 | 1400 | 0.00 | 67 | 0.07 | 0.83 | 23 | 2634 | 56 | 3.0 | 52 | 0.46 | 0.24 | 0.09 | 4.69 | 38 | 0.09 | 0.15 | 47 | 120 | 68 | 127 | 306 | 1400 | 15 |
| 16 | 1400 | 0.00 | 41 | 0.07 | 0.88 | 25 | 2675 | 54 | 2.0 | 39 | 0.33 | 0.13 | 0.09 | 4.87 | 39 | 0.05 | 0.14 | 47 | 120 | 102 | 109 | 332 | 1400 | 16 |
| 17 | 1400 | 0.00 | 67 | 0.07 | 0.97 | 27 | 2698 | 51 | 2.9 | 47 | 0.49 | 0.23 | 0.09 | 4.92 | 39 | 0.09 | 0.15 | 48 | 120 | 153 | 81 | 354 | 1400 | 17 |
| 18 | 1400 | 0.00 | 95 | 0.07 | 1.19 | 33 | 2739 | 44 | 5.7 | 51 | 1.04 | 0.53 | 0.09 | 5.11 | 40 | 0.21 | 0.22 | 48 | 120 | 221 | 62 | 404 | 1400 | 18 |
| 19 | 1400 | 0.00 | 95 | 0.07 | 1.38 | 38 | 2836 | 38 | 5.3 | 43 | 1.09 | 0.47 | 0.09 | 5.73 | 42 | 0.20 | 0.29 | 43 | 120 | 308 | 67 | 497 | 1400 | 19 |
| 20 | 1400 | 0.04 | 99 | 0.09 | 1.66 | 46 | 2914 | 31 | 7.2 | 38 | 1.67 | 0.67 | 0.09 | 6.37 | 44 | 0.29 | 0.42 | 38 | 120 | 411 | 101 | 633 | 1400 | 20 |
| 21 | 1400 | 0.10 | 99 | 0.13 | 1.93 | 54 | 3004 | 25 | 6.7 | 31 | 1.87 | 0.68 | 0.09 | 7.44 | 47 | 0.32 | 0.58 | 31 | 120 | 525 | 162 | 808 | 1400 | 21 |
| 22 | 1400 | 0.29 | 77 | 0.25 | 2.00 | 55 | 3253 | 23 | 2.0 | 21 | 0.61 | 0.35 | 0.09 | 8.66 | 50 | 0.18 | 0.54 | 27 | 120 | 646 | 264 | 1032 | 1400 | 22 |
| 23 | 1400 | 0.01 | 99 | 0.25 | 2.23 | 62 | 3311 | 19 | 6.2 | 23 | 1.98 | 0.47 | 0.09 | 8.99 | 51 | 0.24 | 0.69 | 28 | 121 | 774 | 366 | 1261 | 1400 | 23 |
| 24 | 1400 | 0.00 | 99 | 0.25 | 2.44 | 68 | 3482 | 16 | 6.0 | 18 | 2.02 | 0.37 | 0.09 | 10.10 | 55 | 0.20 | 0.82 | 25 | 121 | 908 | 392 | 1423 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.25 | 2.66 | 74 | 3586 | 13 | 6.9 | 16 | 2.49 | 0.39 | 0.09 | 11.09 | 57 | 0.22 | 1.02 | 23 | 122 | 1055 | 408 | 1586 | 1400 | 25 |
| 26 | 1400 | 0.03 | 100 | 0.27 | 2.86 | 79 | 3700 | 10 | 6.7 | 13 | 2.56 | 0.35 | 0.09 | 12.30 | 61 | 0.22 | 1.23 | 20 | 123 | 1217 | 469 | 1811 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.27 | 3.06 | 85 | 3802 | 7 | 7.7 | 10 | 3.07 | 0.31 | 0.09 | 13.46 | 67 | 0.21 | 1.57 | 18 | 124 | 1398 | 582 | 2106 | 1400 | 27 |
| 28 | 1400 | 0.09 | 100 | 0.34 | 3.26 | 91 | 3907 | 5 | 9.2 | 7 | 3.79 | 0.36 | 0.09 | 14.75 | 74 | 0.27 | 2.20 | 14 | 126 | 1600 | 755 | 2481 | 1400 | 28 |
| 29 | 1400 | 0.02 | 95 | 0.35 | 3.28 | 91 | 4055 | 4 | 1.5 | 4 | 0.62 | 0.04 | 0.09 | 16.26 | 75 | 0.03 | 1.82 | 10 | 128 | 1818 | 1064 | 3011 | 1400 | 29 |
| 30 | 1400 | 0.13 | 99 | 0.45 | 3.33 | 93 | 4110 | 4 | 3.5 | 4 | 1.51 | 0.19 | 0.09 | 16.33 | 75 | 0.14 | 1.73 | 12 | 130 | 2046 | 1368 | 3545 | 1400 | 30 |
| 31 | 1400 | 0.09 | 100 | 0.51 | 3.41 | 95 | 4250 | 3 | 6.7 | 4 | 2.91 | 0.19 | 0.09 | 16.72 | 75 | 0.14 | 2.01 | 13 | 133 | 2278 | 1187 | 3599 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.439 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 100 | 0.53 | 3.44 | 96 | 4478 | 2 | 4.1 | 3 | 1.77 | 0.06 | 0.09 | 17.65 | 75 | 0.05 | 1.92 | 10 | 136 | 2502 | 828 | 3468 | 1400 | 1 |
| 2 | 1400 | 0.23 | 95 | 0.69 | 3.44 | 96 | 4576 | 2 | 0.6 | 2 | 0.26 | 0.22 | 0.15 | 18.09 | 75 | 0.17 | 1.57 | 11 | 141 | 2710 | 698 | 3550 | 1400 | 2 |
| 3 | 1400 | 0.07 | 100 | 0.75 | 3.48 | 97 | 4586 | 2 | 5.0 | 2 | 2.21 | 0.11 | 0.15 | 18.09 | 75 | 0.09 | 1.68 | 14 | 146 | 2891 | 576 | 3614 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.75 | 3.54 | 98 | 4684 | 1 | 11.8 | 2 | 5.20 | 0.08 | 0.15 | 18.64 | 75 | 0.06 | 2.88 | 13 | 151 | 3038 | 426 | 3617 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.75 | 3.58 | 99 | 4862 | 0 | 16.1 | 1 | 7.17 | 0.05 | 0.15 | 20.92 | 75 | 0.04 | 5.09 | 10 | 158 | 3145 | 417 | 3721 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.75 | 3.59 | 100 | 4978 | 0 | 17.0 | 0 | 7.64 | 0.02 | 0.15 | 25.16 | 75 | 0.01 | 5.69 | 10 | 165 | 3211 | 541 | 3918 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.75 | 3.59 | 100 | 5153 | 0 | 15.2 | 0 | 6.82 | 0.00 | 0.15 | 27.63 | 75 | 0.00 | 4.90 | 10 | 174 | 3235 | 601 | 4011 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.75 | 3.59 | 100 | 5238 | 0 | 11.6 | 0 | 5.21 | 0.00 | 0.15 | 28.15 | 75 | 0.00 | 3.[illegible] | 10 | 183 | 3220 | 473 | 3877 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.75 | 3.59 | 100 | 5257 | 0 | 16.2 | 0 | 7.26 | 0.00 | 0.15 | 28.16 | 75 | 0.00 | 3.18 | 10 | 193 | 3168 | 262 | 3625 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.75 | 3.59 | 100 | 5270 | 0 | 16.1 | 0 | 7.25 | 0.00 | 0.15 | 28.13 | 75 | 0.00 | 2.52 | 10 | 205 | 3081 | 109 | 3396 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.75 | 3.59 | 100 | 5274 | 0 | 12.7 | 0 | 5.70 | 0.00 | 0.15 | 28.01 | 75 | 0.00 | 1.98 | 10 | 217 | 2960 | 37 | 3216 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 0.79 | 3.59 | 100 | 5274 | 0 | 10.4 | 0 | 4.67 | 0.06 | 0.15 | 27.86 | 75 | 0.05 | 1.57 | 10 | 231 | 2808 | 16 | 3057 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 0.79 | 3.59 | 100 | 5275 | 0 | 6.9 | 0 | 3.12 | 0.00 | 0.15 | 27.74 | 75 | 0.00 | 1.23 | 14 | 245 | 2629 | 66 | 2942 | 1400 | 13 |
| 14 | 1400 | 0.06 | 100 | 0.84 | 3.59 | 100 | 5275 | 0 | 8.1 | 0 | 3.63 | 0.06 | 0.15 | 27.59 | 75 | 0.04 | 0.98 | 18 | 260 | 2428 | 187 | 2876 | 1400 | 14 |
| 15 | 1400 | 0.57 | 100 | 1.26 | 3.59 | 100 | 5275 | 0 | 4.6 | 0 | 2.08 | 0.57 | 0.15 | 27.47 | 75 | 0.43 | 0.86 | 20 | 277 | 2211 | 254 | 2743 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 1.26 | 3.59 | 100 | 5275 | 0 | 9.2 | 0 | 4.15 | 0.00 | 0.15 | 27.57 | 75 | 0.00 | 0.68 | 22 | 294 | 1985 | 446 | 2726 | 1400 | 16 |
| 17 | 1400 | 0.08 | 100 | 1.32 | 3.59 | 100 | 5275 | 0 | 6.9 | 0 | 3.12 | 0.08 | 0.15 | 27.42 | 75 | 0.06 | 0.54 | 26 | 312 | 1761 | 819 | 2893 | 1400 | 17 |
| 18 | 1400 | 0.02 | 100 | 1.34 | 3.59 | 100 | 5275 | 0 | 11.5 | 0 | 5.18 | 0.02 | 0.15 | 27.31 | 75 | 0.01 | 0.43 | 28 | 330 | 1548 | 825 | 2705 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 1.34 | 3.59 | 100 | 5275 | 0 | 15.0 | 0 | 6.73 | 0.00 | 0.15 | 27.17 | 75 | 0.00 | 0.34 | 31 | 349 | 1359 | 529 | 2239 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.36 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.15 | 27.02 | 75 | 0.02 | 0.27 | 35 | 369 | 1203 | 292 | 1865 | 1400 | 20 |
| 21 | 1400 | 0.24 | 100 | 1.54 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.15 | 26.88 | 75 | 0.18 | 0.25 | 39 | 389 | 1086 | 144 | 1621 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.54 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 26.84 | 75 | 0.00 | 0.20 | 41 | 409 | 1010 | 75 | 1495 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.54 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 26.69 | 75 | 0.00 | 0.16 | 45 | 429 | 969 | 68 | 1468 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.54 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 26.54 | 75 | 0.00 | 0.12 | 47 | 450 | 954 | 57 | 1463 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.54 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 26.39 | 75 | 0.00 | 0.10 | 49 | 470 | 957 | 29 | 1457 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.54 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 26.24 | 75 | 0.00 | 0.08 | 50 | 490 | 967 | 9 | 1468 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 1.55 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.15 | 26.09 | 75 | 0.01 | 0.06 | 52 | 510 | 978 | 2 | 1492 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.55 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 25.95 | 75 | 0.00 | 0.05 | 54 | 529 | 984 | 1 | 1516 | 1400 | 28 |
| 29 | 1400 | 0.11 | 100 | 1.63 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.11 | 0.15 | 25.80 | 75 | 0.08 | 0.06 | 55 | 548 | 980 | 2 | 1531 | 1400 | 29 |
| 30 | 1400 | 0.88 | 100 | 2.29 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.88 | 0.15 | 25.70 | 75 | 0.66 | 0.18 | 54 | 567 | 962 | 10 | 1541 | 1400 | 30 |



FORM 1415-C
PRINTED IN U.S.A.

BASIN RESULTS - STATION 54.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 100 | 2.94 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.87 | 0.15 | 25.88 | 75 | 0.65 | 0.28 | 46 | 584 | 931 | 74 | 1591 | 1400 | 1 |
| 2 | 1400 | 0.09 | 100 | 3.01 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.15 | 26.07 | 75 | 0.07 | 0.24 | 38 | 601 | 890 | 238 | 1730 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.01 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 25.96 | 75 | 0.00 | 0.19 | 42 | 617 | 840 | 380 | 1843 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.15 | 25.81 | 75 | 0.04 | 0.16 | 46 | 632 | 809 | 327 | 1770 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 25.68 | 75 | 0.00 | 0.12 | 47 | 646 | 799 | 172 | 1619 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 25.53 | 75 | 0.00 | 0.10 | 49 | 659 | 829 | 69 | 1558 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.15 | 25.38 | 75 | 0.01 | 0.08 | 50 | 671 | 904 | 26 | 1603 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 25.24 | 75 | 0.00 | 0.06 | 52 | 682 | 1021 | 9 | 1714 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 25.09 | 75 | 0.00 | 0.05 | 54 | 692 | 1164 | 4 | 1861 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 24.94 | 75 | 0.00 | 0.04 | 55 | 701 | 1313 | 2 | 2017 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 3.06 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 24.79 | 75 | 0.00 | 0.03 | 56 | 709 | 1447 | 1 | 2158 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 3.11 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.15 | 24.64 | 75 | 0.04 | 0.03 | 57 | 716 | 1548 | 0 | 2266 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 3.52 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.55 | 0.15 | 24.52 | 75 | 0.41 | 0.11 | 57 | 722 | 1605 | 4 | 2333 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 3.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.15 | 24.61 | 75 | 0.01 | 0.09 | 49 | 720 | 1614 | 34 | 2377 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 24.46 | 75 | 0.00 | 0.07 | 51 | 733 | 1578 | 85 | 2397 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 3.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 24.31 | 75 | 0.00 | 0.06 | 53 | 737 | 1506 | 88 | 2332 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 24.16 | 75 | 0.00 | 0.04 | 54 | 740 | 1410 | 48 | 2199 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 24.01 | 75 | 0.00 | 0.03 | 56 | 743 | 1304 | 16 | 2065 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 3.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.86 | 75 | 0.00 | 0.03 | 57 | 746 | 1199 | 4 | 1951 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 3.67 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.19 | 0.15 | 23.71 | 75 | 0.14 | 0.05 | 57 | 748 | 1105 | 1 | 1855 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.67 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.65 | 75 | 0.00 | 0.04 | 55 | 750 | 1022 | 8 | 1782 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 3.69 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 23.50 | 75 | 0.01 | 0.04 | 56 | 752 | 951 | 25 | 1730 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 3.71 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.15 | 23.36 | 75 | 0.02 | 0.03 | 56 | 754 | 888 | 29 | 1673 | 1400 | 23 |
| 24 | 1400 | 0.23 | 100 | 3.88 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.23 | 0.15 | 23.22 | 75 | 0.17 | 0.06 | 57 | 756 | 832 | 20 | 1610 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 3.99 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.15 | 23.18 | 75 | 0.11 | 0.07 | 54 | 759 | 780 | 23 | 1563 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 4.05 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.15 | 23.10 | 75 | 0.06 | 0.07 | 53 | 761 | 731 | 47 | 1540 | 1400 | 26 |
| 27 | 1400 | 0.66 | 100 | 4.55 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.66 | 0.15 | 22.99 | 75 | 0.49 | 0.16 | 53 | 763 | 686 | 66 | 1517 | 1400 | 27 |
| 28 | 1400 | 0.13 | 100 | 4.65 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.15 | 23.11 | 75 | 0.10 | 0.15 | 47 | 766 | 647 | 90 | 1504 | 1400 | 28 |
| 29 | 1400 | 0.22 | 100 | 4.81 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.22 | 0.15 | 23.02 | 75 | 0.16 | 0.15 | 48 | 768 | 617 | 140 | 1527 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 5.00 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.15 | 22.97 | 75 | 0.19 | 0.16 | 47 | 771 | 602 | 156 | 1530 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 5.46 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.15 | 22.94 | 75 | 0.46 | 0.22 | 47 | 775 | 606 | 140 | 1522 | 1400 | 31 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 5.90 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.58 | 0.15 | 23.05 | 75 | 0.43 | 0.27 | 43 | 778 | 635 | 155 | 1569 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 6.21 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.42 | 0.15 | 23.15 | 75 | 0.31 | 0.28 | 39 | 782 | 694 | 223 | 1700 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 6.21 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.11 | 75 | 0.00 | 0.22 | 39 | 786 | 786 | 287 | 1860 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 6.22 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.04 | 75 | 0.00 | 0.17 | 43 | 790 | 913 | 273 | 1977 | 1400 | 4 |
| 5 | 1400 | 0.09 | 100 | 6.28 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.15 | 22.90 | 75 | 0.07 | 0.15 | 46 | 794 | 1075 | 177 | 2048 | 1400 | 5 |
| 6 | 1400 | 0.55 | 100 | 6.69 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.55 | 0.15 | 22.79 | 75 | 0.41 | 0.21 | 47 | 798 | 1272 | 84 | 2156 | 1400 | 6 |
| 7 | 1400 | 0.38 | 100 | 6.98 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.38 | 0.15 | 22.88 | 75 | 0.28 | 0.22 | 44 | 803 | 1494 | 72 | 2371 | 1400 | 7 |
| 8 | 1400 | 0.62 | 100 | 7.44 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.15 | 22.90 | 75 | 0.47 | 0.27 | 43 | 808 | 1731 | 140 | 2681 | 1400 | 8 |
| 9 | 1400 | 0.86 | 100 | 8.09 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.15 | 23.02 | 75 | 0.65 | 0.35 | 39 | 813 | 1966 | 224 | 3005 | 1400 | 9 |
| 10 | 1400 | 0.94 | 100 | 8.79 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.93 | 0.15 | 23.20 | 75 | 0.70 | 0.43 | 34 | 819 | 2185 | 340 | 3345 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 8.79 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.40 | 75 | 0.00 | 0.34 | 31 | 824 | 2383 | 524 | 3733 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 8.79 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.25 | 75 | 0.00 | 0.26 | 35 | 830 | 2563 | 634 | 4029 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 9.22 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.57 | 0.15 | 23.10 | 75 | 0.43 | 0.30 | 40 | 833 | 2736 | 485 | 4059 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 9.22 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.20 | 75 | 0.00 | 0.24 | 37 | 844 | 2917 | 266 | 4028 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 9.22 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 23.05 | 75 | 0.00 | 0.18 | 42 | 851 | 3117 | 189 | 4158 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 9.22 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 22.90 | 75 | 0.00 | 0.15 | 46 | 859 | 3335 | 144 | 4339 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 9.22 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 22.75 | 75 | 0.00 | 0.11 | 48 | 867 | 3562 | 72 | 4503 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 9.24 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.15 | 22.60 | 75 | 0.02 | 0.09 | 49 | 876 | 3779 | 24 | 4680 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 9.28 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.15 | 22.46 | 75 | 0.04 | 0.08 | 51 | 886 | 3961 | 7 | 4856 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 9.59 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.15 | 22.34 | 75 | 0.31 | 0.13 | 52 | 897 | 4086 | 10 | 4994 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 9.59 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 22.37 | 75 | 0.00 | 0.10 | 48 | 908 | 4138 | 34 | 5082 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 9.65 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.15 | 22.22 | 75 | 0.06 | 0.09 | 50 | 921 | 4107 | 74 | 5104 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 9.65 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 22.11 | 75 | 0.00 | 0.07 | 51 | 934 | 3996 | 78 | 5009 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 9.65 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 21.96 | 75 | 0.00 | 0.06 | 53 | 949 | 3814 | 51 | 4816 | 1400 | 24 |
| 25 | 1400 | 0.62 | 100 | 10.11 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.15 | 21.81 | 75 | 0.46 | 0.14 | 54 | 965 | 3579 | 29 | 4574 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 10.13 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 21.92 | 75 | 0.01 | 0.12 | 48 | 982 | 3309 | 41 | 4334 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 10.14 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 21.78 | 75 | 0.01 | 0.10 | 49 | 1000 | 3024 | 94 | 4121 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 10.14 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 21.64 | 75 | 0.00 | 0.07 | 50 | 1020 | 2741 | 103 | 3865 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 10.14 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 21.49 | 75 | 0.00 | 0.06 | 53 | 1040 | 2472 | 60 | 3574 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 10.14 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 21.34 | 75 | 0.00 | 0.05 | 54 | 1062 | 2228 | 23 | 3315 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 10.27 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.15 | 21.19 | 75 | 0.13 | 0.06 | 55 | 1085 | 2015 | 7 | 3109 | 1400 | 31 |



FORM 1113
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

EII = 0.15 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | EII | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 100 | 10.55 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.37 | 0.15 | 21.12 | 75 | 0.28 | 0.11 | 54 | 1109 | 1833 | 11 | 2954 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 10.78 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.15 | 21.14 | 75 | 0.23 | 0.14 | 50 | 1134 | 1679 | 44 | 2858 | 1400 | 2 |
| 3 | 1400 | 0.04 | 100 | 10.81 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.15 | 21.13 | 75 | 0.03 | 0.11 | 48 | 1159 | 1548 | 98 | 2806 | 1400 | 3 |
| 4 | 1400 | 0.26 | 100 | 11.00 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.26 | 0.15 | 21.00 | 75 | 0.19 | 0.13 | 49 | 1186 | 1436 | 126 | 2750 | 1400 | 4 |
| 5 | 1400 | 0.56 | 100 | 11.42 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.56 | 0.15 | 20.97 | 75 | 0.42 | 0.19 | 48 | 1213 | 1342 | 114 | 2671 | 1400 | 5 |
| 6 | 1400 | 0.06 | 100 | 11.47 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.15 | 21.07 | 75 | 0.04 | 0.16 | 45 | 1240 | 1267 | 122 | 2631 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 11.47 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 20.94 | 75 | 0.00 | 0.13 | 47 | 1268 | 1213 | 158 | 2641 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 11.50 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.15 | 20.79 | 75 | 0.03 | 0.11 | 49 | 1296 | 1186 | 139 | 2623 | 1400 | 8 |
| 9 | 1400 | 0.09 | 100 | 11.56 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.15 | 20.66 | 75 | 0.07 | 0.10 | 50 | 1324 | 1187 | 77 | 2590 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 11.56 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 20.55 | 75 | 0.00 | 0.08 | 50 | 1352 | 1216 | 38 | 2608 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 11.56 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 20.40 | 75 | 0.00 | 0.06 | 52 | 1380 | 1268 | 28 | 2678 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 11.56 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 20.25 | 75 | 0.00 | 0.05 | 54 | 1408 | 1335 | 21 | 2764 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 11.56 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 20.10 | 75 | 0.00 | 0.04 | 55 | 1435 | 1404 | 10 | 2850 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 11.57 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.15 | 19.95 | 75 | 0.01 | 0.03 | 56 | 1461 | 1464 | 3 | 2929 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 11.57 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 19.81 | 75 | 0.00 | 0.02 | 57 | 1487 | 1504 | 1 | 2993 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 11.57 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 19.66 | 75 | 0.00 | 0.02 | 58 | 1512 | 1516 | 1 | 3031 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 11.57 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 19.51 | 75 | 0.00 | 0.01 | 58 | 1536 | 1498 | 1 | 3036 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 11.57 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 19.36 | 75 | 0.00 | 0.01 | 59 | 1559 | 1449 | 0 | 3009 | 1400 | 18 |
| 19 | 1400 | 0.03 | 95 | 11.59 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.15 | 19.21 | 75 | 0.02 | 0.01 | 59 | 1581 | 1372 | 0 | 2954 | 1400 | 19 |
| 20 | 1400 | 0.80 | 100 | 12.19 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.80 | 0.15 | 19.07 | 75 | 0.60 | 0.14 | 59 | 1602 | 1273 | 4 | 2880 | 1400 | 20 |
| 21 | 1400 | 0.45 | 100 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.45 | 0.15 | 19.24 | 75 | 0.34 | 0.18 | 48 | 1621 | 1160 | 42 | 2825 | 1400 | 21 |
| 22 | 1400 | 0.00 | 99 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 19.29 | 75 | 0.00 | 0.14 | 46 | 1640 | 1039 | 138 | 2818 | 1400 | 22 |
| 23 | 1400 | 0.00 | 97 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 19.14 | 75 | 0.00 | 0.11 | 48 | 1657 | 921 | 194 | 2774 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 18.99 | 75 | 0.00 | 0.09 | 49 | 1673 | 818 | 146 | 2638 | 1400 | 24 |
| 25 | 1400 | 0.00 | 95 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 18.84 | 75 | 0.00 | 0.07 | 51 | 1688 | 742 | 66 | 2498 | 1400 | 25 |
| 26 | 1400 | 0.00 | 87 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 18.69 | 75 | 0.00 | 0.05 | 53 | 1701 | 703 | 20 | 2425 | 1400 | 26 |
| 27 | 1400 | 0.00 | 41 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 18.54 | 75 | 0.00 | 0.04 | 55 | 1713 | 701 | 4 | 2420 | 1400 | 27 |
| 28 | 1400 | 0.00 | 14 | 12.53 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 18.39 | 75 | 0.00 | 0.03 | 56 | 1723 | 733 | 0 | 2458 | 1400 | 28 |
| 29 | 1400 | 0.81 | 14 | 12.62 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.11 | 0.15 | 18.24 | 75 | 0.09 | 0.04 | 57 | 1732 | 787 | 0 | 2521 | 1400 | 29 |
| 30 | 1400 | 0.16 | 77 | 12.71 | 3.59 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.12 | 0.15 | 18.24 | 75 | 0.09 | 0.06 | 56 | 1740 | 849 | 6 | 2597 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | FLEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 2.00 | 0 | 0.00 | 0.03 | 0 | 130 | 29 | 8 | 158 | 1400 | 6 |
| 7 | 1400 | 0.05 | 5 | 0.00 | 0.01 | 0 | 1910 | 100 | 1.6 | 22 | 0.16 | 0.04 | 0.09 | 2.00 | 18 | 0.01 | 0.03 | 57 | 129 | 30 | 2 | 164 | 1400 | 7 |
| 8 | 1400 | 0.00 | 15 | 0.00 | 0.02 | 0 | 2002 | 99 | 2.2 | 45 | 0.22 | 0.10 | 0.09 | 1.95 | 18 | 0.02 | 0.02 | 57 | 129 | 77 | 7 | 215 | 1400 | 8 |
| 9 | 1400 | 0.00 | 10 | 0.00 | 0.03 | 0 | 2044 | 99 | 1.6 | 33 | 0.16 | 0.05 | 0.09 | 1.94 | 18 | 0.01 | 0.02 | 58 | 129 | 110 | 4 | 244 | 1400 | 9 |
| 10 | 1400 | 0.00 | 10 | 0.00 | 0.04 | 1 | 2067 | 98 | 1.6 | 33 | 0.16 | 0.05 | 0.09 | 1.90 | 18 | 0.01 | 0.02 | 58 | 129 | 82 | 3 | 216 | 1400 | 10 |
| 11 | 1400 | 0.00 | 50 | 0.00 | 0.10 | 1 | 2089 | 96 | 4.1 | 75 | 0.41 | 0.31 | 0.09 | 1.85 | 17 | 0.05 | 0.03 | 58 | 129 | 182 | 22 | 335 | 1400 | 11 |
| 12 | 1400 | 0.00 | 50 | 0.00 | 0.15 | 2 | 2216 | 95 | 4.0 | 73 | 0.41 | 0.30 | 0.09 | 2.03 | 18 | 0.05 | 0.03 | 57 | 132 | 381 | 22 | 537 | 1400 | 12 |
| 13 | 1400 | 0.24 | 60 | 0.03 | 0.22 | 3 | 2344 | 92 | 4.7 | 78 | 0.50 | 0.53 | 0.09 | 2.20 | 19 | 0.10 | 0.05 | 57 | 139 | 546 | 42 | 728 | 1400 | 13 |
| 14 | 1400 | 0.00 | 10 | 0.03 | 0.23 | 3 | 2515 | 92 | 1.3 | 26 | 0.14 | 0.03 | 0.09 | 2.60 | 21 | 0.01 | 0.04 | 55 | 153 | 529 | 3 | 686 | 1400 | 14 |
| 15 | 1400 | 0.00 | 15 | 0.03 | 0.25 | 4 | 2532 | 91 | 1.8 | 37 | 0.20 | 0.07 | 0.09 | 2.54 | 20 | 0.01 | 0.03 | 56 | 175 | 174 | 6 | 357 | 1400 | 15 |
| 16 | 1400 | 0.00 | 10 | 0.03 | 0.25 | 4 | 2567 | 91 | 1.2 | 25 | 0.13 | 0.03 | 0.09 | 2.51 | 20 | 0.01 | 0.03 | 57 | 200 | 100 | 2 | 304 | 1400 | 16 |
| 17 | 1400 | 0.00 | 15 | 0.03 | 0.27 | 4 | 2582 | 90 | 1.8 | 36 | 0.19 | 0.07 | 0.09 | 2.45 | 20 | 0.01 | 0.03 | 57 | 225 | 81 | 5 | 312 | 1400 | 17 |
| 18 | 1400 | 0.00 | 50 | 0.03 | 0.32 | 5 | 2615 | 88 | 3.7 | 67 | 0.40 | 0.27 | 0.09 | 2.42 | 20 | 0.05 | 0.03 | 57 | 246 | 201 | 22 | 471 | 1400 | 18 |
| 19 | 1400 | 0.00 | 50 | 0.03 | 0.37 | 5 | 2740 | 86 | 3.6 | 65 | 0.40 | 0.26 | 0.09 | 2.58 | 21 | 0.05 | 0.04 | 57 | 263 | 386 | 22 | 673 | 1400 | 19 |
| 20 | 1400 | 0.04 | 70 | 0.03 | 0.47 | 7 | 2866 | 83 | 5.1 | 76 | 0.58 | 0.47 | 0.09 | 2.73 | 22 | 0.10 | 0.06 | 56 | 278 | 557 | 44 | 880 | 1400 | 20 |
| 21 | 1400 | 0.10 | 70 | 0.05 | 0.57 | 8 | 3042 | 80 | 4.9 | 73 | 0.58 | 0.49 | 0.09 | 3.08 | 25 | 0.12 | 0.08 | 54 | 295 | 847 | 54 | 1198 | 1400 | 21 |
| 22 | 1400 | 0.29 | 27 | 0.07 | 0.59 | 9 | 3146 | 79 | 1.9 | 36 | 0.22 | 0.16 | 0.09 | 3.45 | 28 | 0.04 | 0.07 | 52 | 319 | 803 | 20 | 1143 | 1400 | 22 |
| 23 | 1400 | 0.01 | 70 | 0.07 | 0.70 | 10 | 3162 | 76 | 4.7 | 69 | 0.57 | 0.40 | 0.09 | 3.52 | 28 | 0.11 | 0.09 | 53 | 350 | 655 | 52 | 1059 | 1400 | 23 |
| 24 | 1400 | 0.00 | 70 | 0.07 | 0.82 | 12 | 3241 | 74 | 4.5 | 66 | 0.57 | 0.38 | 0.09 | 3.81 | 30 | 0.11 | 0.10 | 51 | 389 | 934 | 55 | 1379 | 1400 | 24 |
| 25 | 1400 | 0.00 | 80 | 0.07 | 0.97 | 14 | 3324 | 70 | 5.2 | 69 | 0.67 | 0.47 | 0.09 | 4.07 | 33 | 0.15 | 0.13 | 50 | 434 | 1150 | 75 | 1660 | 1400 | 25 |
| 26 | 1400 | 0.03 | 80 | 0.08 | 1.13 | 16 | 3433 | 66 | 5.0 | 66 | 0.67 | 0.47 | 0.09 | 4.43 | 35 | 0.17 | 0.15 | 49 | 486 | 1427 | 83 | 1998 | 1400 | 26 |
| 27 | 1400 | 0.00 | 86 | 0.08 | 1.33 | 19 | 3546 | 61 | 5.8 | 63 | 0.82 | 0.52 | 0.09 | 4.79 | 38 | 0.20 | 0.19 | 47 | 547 | 1682 | 103 | 2334 | 1400 | 27 |
| 28 | 1400 | 0.09 | 96 | 0.12 | 1.61 | 23 | 3690 | 56 | 7.7 | 61 | 1.14 | 0.78 | 0.09 | 5.23 | 41 | 0.32 | 0.27 | 46 | 617 | 2310 | 192 | 3120 | 1400 | 28 |
| 29 | 1400 | 0.02 | 50 | 0.12 | 1.65 | 24 | 3653 | 55 | 1.8 | 32 | 0.30 | 0.11 | 0.09 | 5.94 | 43 | 0.05 | 0.23 | 40 | 699 | 2230 | 27 | 2957 | 1400 | 29 |
| 30 | 1400 | 0.13 | 70 | 0.16 | 1.76 | 26 | 3876 | 53 | 2.3 | 45 | 0.56 | 0.34 | 0.09 | 5.96 | 43 | 0.15 | 0.23 | 43 | 789 | 1185 | 82 | 2056 | 1400 | 30 |
| 31 | 1400 | 0.09 | 92 | 0.20 | 2.00 | 29 | 3934 | 49 | 6.2 | 52 | 1.08 | 0.64 | 0.09 | 6.21 | 43 | 0.28 | 0.29 | 43 | 880 | 1686 | 184 | 2951 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.200 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 80 | 0.20 | 2.15 | 31 | 4074 | 46 | 3.8 | 44 | 0.72 | 0.34 | 0.09 | 6.83 | 45 | 0.15 | 0.30 | 37 | 967 | 2410 | 94 | 3473 | 1400 | 1 |
| 2 | 1400 | 0.23 | 50 | 0.26 | 2.17 | 32 | 4164 | 46 | 1.3 | 23 | 0.25 | 0.17 | 0.09 | 7.13 | 46 | 0.08 | 0.26 | 37 | 1049 | 1667 | 49 | 2766 | 1400 | 2 |
| 3 | 1400 | 0.07 | 86 | 0.29 | 2.36 | 34 | 4180 | 42 | 4.7 | 43 | 0.94 | 0.46 | 0.09 | 7.20 | 46 | 0.22 | 0.30 | 40 | 1120 | 1511 | 145 | 2777 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.29 | 2.84 | 41 | 4296 | 35 | 11.2 | 42 | 2.40 | 1.01 | 0.09 | 7.66 | 48 | 0.48 | 0.53 | 37 | 1181 | 3142 | 601 | 4925 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.29 | 3.53 | 51 | 4526 | 27 | 15.2 | 35 | 3.75 | 1.33 | 0.09 | 9.07 | 52 | 0.68 | 0.96 | 28 | 1238 | 5745 | 1858 | 8842 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.29 | 4.26 | 62 | 4821 | 19 | 15.5 | 27 | 4.71 | 1.26 | 0.09 | 11.37 | 58 | 0.73 | 1.60 | 21 | 1304 | 7420 | 3866 | 12591 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.29 | 4.86 | 70 | 5167 | 14 | 13.6 | 19 | 4.61 | 0.86 | 0.09 | 14.10 | 71 | 0.60 | 2.15 | 14 | 1388 | 6961 | 4794 | 13144 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.29 | 5.25 | 76 | 5410 | 12 | 9.7 | 14 | 3.59 | 0.51 | 0.09 | 15.77 | 75 | 0.38 | 2.40 | 10 | 1487 | 5356 | 2650 | 9495 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.29 | 5.72 | 83 | 5564 | 8 | 14.1 | 12 | 5.45 | 0.63 | 0.09 | 16.77 | 75 | 0.47 | 3.10 | 10 | 1586 | 4142 | 5005 | 10735 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.29 | 6.07 | 88 | 5754 | 6 | 13.8 | 8 | 5.61 | 0.46 | 0.09 | 18.58 | 75 | 0.35 | 3.70 | 10 | 1671 | 3217 | 3746 | 8636 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.29 | 6.24 | 90 | 5893 | 5 | 9.4 | 6 | 3.95 | 0.23 | 0.09 | 20.45 | 75 | 0.17 | 3.69 | 10 | 1729 | 2334 | 1356 | 5421 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 0.33 | 6.34 | 92 | 5962 | 4 | 6.6 | 5 | 2.81 | 0.19 | 0.09 | 21.58 | 75 | 0.14 | 3.43 | 10 | 1755 | 1828 | 732 | 4316 | 1400 | 12 |
| 13 | 1400 | 0.00 | 96 | 0.33 | 6.37 | 92 | 6003 | 4 | 2.9 | 4 | 1.23 | 0.05 | 0.09 | 22.32 | 75 | 0.04 | 2.90 | 10 | 1745 | 1400 | 73 | 3219 | 1400 | 13 |
| 14 | 1400 | 0.06 | 99 | 0.37 | 6.42 | 93 | 6069 | 3 | 3.9 | 4 | 1.67 | 0.12 | 0.09 | 22.54 | 75 | 0.09 | 2.57 | 10 | 1700 | 963 | 250 | 2915 | 1400 | 14 |
| 15 | 1400 | 0.57 | 92 | 0.77 | 6.42 | 93 | 6154 | 3 | 0.9 | 2 | 0.37 | 0.53 | 0.09 | 22.92 | 75 | 0.40 | 2.14 | 10 | 1627 | 2827 | 661 | 5116 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 0.77 | 6.47 | 94 | 6164 | 3 | 4.9 | 3 | 2.11 | 0.07 | 0.09 | 23.08 | 75 | 0.05 | 2.05 | 10 | 1531 | 4001 | 184 | 5717 | 1400 | 16 |
| 17 | 1400 | 0.08 | 98 | 0.83 | 6.50 | 94 | 6261 | 3 | 2.4 | 3 | 1.06 | 0.11 | 0.09 | 23.56 | 75 | 0.08 | 1.80 | 10 | 1423 | 1607 | 154 | 3184 | 1400 | 17 |
| 18 | 1400 | 0.02 | 100 | 0.84 | 6.56 | 95 | 6303 | 2 | 6.9 | 3 | 3.02 | 0.10 | 0.09 | 23.77 | 75 | 0.08 | 1.97 | 12 | 1307 | 1163 | 410 | 2882 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.84 | 6.64 | 96 | 6419 | 2 | 10.2 | 2 | 4.47 | 0.10 | 0.09 | 24.55 | 75 | 0.08 | 2.44 | 10 | 1190 | 899 | 691 | 2781 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 0.86 | 6.68 | 97 | 6563 | 2 | 7.7 | 2 | 3.38 | 0.09 | 0.09 | 25.84 | 75 | 0.07 | 2.54 | 10 | 1074 | 741 | 433 | 2248 | 1400 | 20 |
| 21 | 1400 | 0.24 | 98 | 1.04 | 6.69 | 97 | 6646 | 1 | 1.8 | 1 | 0.80 | 0.25 | 0.09 | 26.72 | 75 | 0.18 | 2.15 | 10 | 962 | 1430 | 323 | 2717 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.04 | 6.75 | 98 | 6662 | 1 | 13.3 | 1 | 5.86 | 0.08 | 0.09 | 26.90 | 75 | 0.06 | 2.93 | 10 | 858 | 1881 | 676 | 3416 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.04 | 6.81 | 99 | 6775 | 1 | 17.7 | 1 | 7.85 | 0.08 | 0.09 | 28.73 | 75 | 0.06 | 4.14 | 10 | 762 | 681 | 720 | 2165 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.04 | 6.84 | 99 | 6880 | 0 | 16.3 | 1 | 7.39 | 0.04 | 0.09 | 31.49 | 75 | 0.03 | 4.74 | 10 | 676 | 285 | 380 | 1342 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.04 | 6.86 | 99 | 6937 | 0 | 18.5 | 0 | 8.31 | 0.03 | 0.09 | 33.70 | 75 | 0.02 | 5.29 | 10 | 598 | 162 | 278 | 1039 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.04 | 6.87 | 100 | 6976 | 0 | 19.5 | 0 | 8.76 | 0.02 | 0.09 | 36.03 | 75 | 0.01 | 5.49 | 10 | 529 | 96 | 167 | 793 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 1.05 | 6.88 | 100 | 6999 | 0 | 13.8 | 0 | 6.19 | 0.02 | 0.09 | 38.00 | 75 | 0.01 | 4.92 | 10 | 466 | 69 | 140 | 676 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.05 | 6.88 | 100 | 7243 | 0 | 4.2 | 0 | 1.87 | 0.00 | 0.09 | 38.85 | 75 | 0.00 | 3.99 | 10 | 409 | 55 | 3 | 469 | 1400 | 28 |
| 29 | 1400 | 0.11 | 100 | 1.13 | 6.88 | 100 | 7295 | 0 | 4.1 | 0 | 1.83 | 0.11 | 0.09 | 38.96 | 75 | 0.08 | 3.27 | 10 | 358 | 392 | 267 | 1018 | 1400 | 29 |
| 30 | 1400 | 0.88 | 99 | 1.79 | 6.88 | 100 | 7341 | 0 | 0.6 | 0 | 0.28 | 0.87 | 0.09 | 39.09 | 75 | 0.66 | 2.72 | 10 | 313 | 3888 | 1260 | 5462 | 1400 | 30 |



FORM 1611-5
PRINTED IN U.S.A.

38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE 90981 | RUN NO. | INITIAL DATE, HOUR 6 MAY 1971 1400 | JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. | N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 99 | 2.43 | 6.88 | 100 | 7347 | 0 | 0.6 | 0 | 0.28 | 0.86 | 0.09 | 39.31 | 75 | 0.65 | 2.29 | 10 | 279 | 9140 | 1236 | 10658 | 1400 | 1 |
| 2 | 1400 | 0.09 | 100 | 2.50 | 6.88 | 100 | 7353 | 0 | 1.7 | 0 | 0.76 | 0.09 | 0.10 | 39.52 | 75 | 0.07 | 1.86 | 10 | 261 | 7374 | 109 | 7745 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.50 | 6.88 | 100 | 7369 | 0 | 5.1 | 0 | 2.29 | 0.00 | 0.10 | 39.53 | 75 | 0.00 | 1.59 | 11 | 258 | 1967 | 3 | 2230 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 2.55 | 6.88 | 100 | 7418 | 0 | 8.5 | 0 | 3.81 | 0.06 | 0.10 | 39.63 | 75 | 0.05 | 1.47 | 14 | 266 | 387 | 316 | 971 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.55 | 6.88 | 100 | 7489 | 0 | 13.0 | 0 | 5.82 | 0.00 | 0.10 | 39.87 | 75 | 0.00 | 1.43 | 15 | 279 | 283 | 17 | 580 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.55 | 6.88 | 100 | 7576 | 0 | 14.0 | 0 | 6.28 | 0.00 | 0.10 | 40.19 | 75 | 0.00 | 1.34 | 16 | 290 | 66 | 12 | 369 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 2.55 | 6.88 | 100 | 7641 | 0 | 10.4 | 0 | 4.68 | 0.01 | 0.10 | 40.43 | 75 | 0.01 | 1.16 | 17 | 296 | 30 | 65 | 393 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.55 | 6.88 | 100 | 7673 | 0 | 17.3 | 0 | 7.76 | 0.00 | 0.10 | 40.50 | 75 | 0.00 | 1.06 | 18 | 296 | 40 | 8 | 345 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.55 | 6.89 | 100 | 7713 | 0 | 18.3 | 0 | 8.24 | 0.00 | 0.10 | 40.63 | 75 | 0.00 | 0.93 | 19 | 288 | 11 | 5 | 305 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.55 | 6.89 | 100 | 7738 | 0 | 19.5 | 0 | 8.74 | 0.00 | 0.10 | 40.68 | 75 | 0.00 | 0.79 | 21 | 275 | 2 | 3 | 281 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 2.55 | 6.89 | 100 | 7753 | 0 | 20.6 | 0 | 9.25 | 0.00 | 0.10 | 40.67 | 75 | 0.00 | 0.65 | 24 | 257 | 1 | 1 | 260 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 2.60 | 6.89 | 100 | 7761 | 0 | 14.8 | 0 | 6.66 | 0.06 | 0.10 | 40.62 | 75 | 0.05 | 0.53 | 26 | 236 | 81 | 394 | 712 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 3.01 | 6.89 | 100 | 7764 | 0 | 10.2 | 0 | 4.59 | 0.55 | 0.10 | 40.56 | 75 | 0.41 | 0.51 | 28 | 216 | 1117 | 2693 | 4027 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 3.02 | 6.89 | 100 | 7766 | 0 | 11.4 | 0 | 5.10 | 0.01 | 0.10 | 40.67 | 75 | 0.01 | 0.41 | 29 | 204 | 1811 | 58 | 2074 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.02 | 6.89 | 100 | 7767 | 0 | 6.8 | 0 | 3.04 | 0.00 | 0.10 | 40.59 | 75 | 0.00 | 0.32 | 32 | 204 | 416 | 0 | 622 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 3.02 | 6.89 | 100 | 7767 | 0 | 9.1 | 0 | 4.07 | 0.00 | 0.10 | 40.49 | 75 | 0.00 | 0.26 | 36 | 216 | 36 | 0 | 253 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.02 | 6.89 | 100 | 7768 | 0 | 10.2 | 0 | 4.59 | 0.00 | 0.10 | 40.39 | 75 | 0.00 | 0.20 | 40 | 231 | 2 | 0 | 234 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.02 | 6.89 | 100 | 7768 | 0 | 6.8 | 0 | 3.03 | 0.00 | 0.10 | 40.29 | 75 | 0.00 | 0.16 | 45 | 246 | 0 | 0 | 246 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 3.02 | 6.89 | 100 | 7769 | 0 | 11.3 | 0 | 5.10 | 0.00 | 0.10 | 40.20 | 75 | 0.00 | 0.13 | 47 | 255 | 0 | 0 | 255 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 3.16 | 6.89 | 100 | 7769 | 0 | 11.3 | 0 | 5.10 | 0.19 | 0.10 | 40.10 | 75 | 0.14 | 0.13 | 49 | 258 | 307 | 450 | 1017 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.16 | 6.89 | 100 | 7769 | 0 | 4.4 | 0 | 2.00 | 0.00 | 0.10 | 40.07 | 75 | 0.00 | 0.10 | 48 | 259 | 558 | 1 | 820 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 3.18 | 6.89 | 100 | 7769 | 0 | 3.3 | 0 | 1.48 | 0.02 | 0.10 | 39.97 | 75 | 0.02 | 0.09 | 50 | 261 | 162 | 12 | 437 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 3.20 | 6.89 | 100 | 7769 | 0 | 6.7 | 0 | 3.03 | 0.03 | 0.10 | 39.88 | 75 | 0.02 | 0.07 | 51 | 264 | 142 | 32 | 439 | 1400 | 23 |
| 24 | 1400 | 0.23 | 100 | 3.37 | 6.89 | 100 | 7770 | 0 | 3.3 | 0 | 1.48 | 0.23 | 0.10 | 39.79 | 75 | 0.17 | 0.09 | 53 | 269 | 571 | 145 | 987 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 3.48 | 6.89 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.15 | 0.10 | 39.78 | 75 | 0.11 | 0.10 | 51 | 278 | 1129 | 173 | 1581 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 3.54 | 6.89 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.08 | 0.10 | 39.74 | 75 | 0.06 | 0.09 | 50 | 298 | 851 | 92 | 1242 | 1400 | 26 |
| 27 | 1400 | 0.66 | 100 | 4.04 | 6.89 | 100 | 7770 | 0 | 2.1 | 0 | 0.97 | 0.66 | 0.10 | 39.67 | 75 | 0.50 | 0.18 | 51 | 331 | 1752 | 429 | 2514 | 1400 | 27 |
| 28 | 1400 | 0.13 | 100 | 4.14 | 6.89 | 100 | 7770 | 0 | 2.1 | 0 | 0.97 | 0.13 | 0.10 | 39.81 | 75 | 0.10 | 0.16 | 46 | 387 | 2812 | 77 | 3277 | 1400 | 28 |
| 29 | 1400 | 0.22 | 100 | 4.30 | 6.89 | 100 | 7770 | 0 | 5.6 | 0 | 2.52 | 0.22 | 0.10 | 39.76 | 75 | 0.17 | 0.16 | 47 | 469 | 1529 | 251 | 2251 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 4.49 | 6.89 | 100 | 7770 | 0 | 5.6 | 0 | 2.52 | 0.25 | 0.10 | 39.75 | 75 | 0.19 | 0.17 | 47 | 573 | 1503 | 290 | 2367 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 4.95 | 6.89 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.62 | 0.10 | 39.75 | 75 | 0.47 | 0.23 | 47 | 692 | 2333 | 1002 | 4028 | 1400 | 31 |

FORM 1413-S

PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 5.39 | 6.89 | 100 | 7770 | 0 | 9.0 | 0 | 4.07 | 0.58 | 0.10 | 39.87 | 75 | 0.44 | 0.27 | 43 | 824 | 3463 | 1508 | 5796 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 5.71 | 6.89 | 100 | 7770 | 0 | 12.5 | 0 | 5.62 | 0.42 | 0.10 | 39.99 | 75 | 0.32 | 0.28 | 39 | 974 | 3045 | 1755 | 5775 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 5.71 | 6.89 | 100 | 7770 | 0 | 7.9 | 0 | 3.55 | 0.00 | 0.10 | 40.05 | 75 | 0.00 | 0.22 | 38 | 1138 | 1599 | 6 | 2745 | 1400 | 3 |
| 4 | 1400 | 0.01 | 100 | 5.71 | 6.89 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.01 | 0.10 | 39.95 | 75 | 0.00 | 0.18 | 43 | 1300 | 294 | 0 | 1603 | 1400 | 4 |
| 5 | 1400 | 0.10 | 100 | 5.79 | 6.89 | 100 | 7770 | 0 | 9.0 | 0 | 4.07 | 0.10 | 0.10 | 39.85 | 75 | 0.08 | 0.16 | 46 | 1439 | 236 | 202 | 1879 | 1400 | 5 |
| 6 | 1400 | 0.64 | 100 | 6.27 | 6.89 | 100 | 7770 | 0 | 5.6 | 0 | 2.52 | 0.64 | 0.10 | 39.79 | 75 | 0.48 | 0.23 | 47 | 1542 | 1648 | 853 | 4045 | 1400 | 6 |
| 7 | 1400 | 0.44 | 100 | 6.60 | 6.89 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.44 | 0.10 | 39.93 | 75 | 0.33 | 0.25 | 43 | 1616 | 3326 | 781 | 5724 | 1400 | 7 |
| 8 | 1400 | 0.73 | 100 | 7.15 | 6.89 | 100 | 7770 | 0 | 5.6 | 0 | 2.52 | 0.73 | 0.10 | 40.00 | 75 | 0.54 | 0.31 | 41 | 1678 | 3726 | 1259 | 6665 | 1400 | 8 |
| 9 | 1400 | 1.01 | 100 | 7.91 | 6.89 | 100 | 7770 | 0 | 5.6 | 0 | 2.52 | 1.01 | 0.10 | 40.15 | 75 | 0.76 | 0.41 | 36 | 1747 | 5465 | 2324 | 9537 | 1400 | 9 |
| 10 | 1400 | 1.09 | 100 | 8.73 | 6.89 | 100 | 7770 | 0 | 9.0 | 0 | 4.07 | 1.09 | 0.10 | 40.38 | 75 | 0.82 | 0.50 | 32 | 1840 | 6609 | 4837 | 13288 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 8.73 | 6.89 | 100 | 7770 | 0 | 15.9 | 0 | 7.17 | 0.00 | 0.10 | 40.64 | 75 | 0.00 | 0.39 | 29 | 1965 | 4415 | 18 | 6400 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 8.73 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 40.54 | 75 | 0.00 | 0.31 | 32 | 2110 | 826 | 0 | 2937 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 9.15 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.57 | 0.10 | 40.44 | 75 | 0.43 | 0.33 | 37 | 2246 | 1621 | 297 | 4165 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 9.15 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 40.55 | 75 | 0.00 | 0.26 | 35 | 2352 | 2835 | 1 | 5189 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 9.15 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 40.45 | 75 | 0.00 | 0.21 | 40 | 2416 | 613 | 0 | 3030 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 9.15 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 40.35 | 75 | 0.00 | 0.16 | 45 | 2431 | 47 | 0 | 2479 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 9.15 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 40.25 | 75 | 0.00 | 0.13 | 47 | 2393 | 2 | 0 | 2396 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 9.18 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 40.15 | 75 | 0.02 | 0.10 | 49 | 2306 | 67 | 11 | 2385 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 9.21 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 40.06 | 75 | 0.04 | 0.09 | 50 | 2178 | 230 | 18 | 2427 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 9.52 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 39.98 | 75 | 0.31 | 0.14 | 51 | 2023 | 1097 | 148 | 3270 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 9.52 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 40.04 | 75 | 0.00 | 0.11 | 48 | 1861 | 1631 | 0 | 3493 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 9.58 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 39.94 | 75 | 0.06 | 0.10 | 50 | 1706 | 522 | 29 | 2259 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 9.58 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.87 | 75 | 0.00 | 0.08 | 50 | 1566 | 344 | 0 | 1911 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 9.58 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.77 | 75 | 0.00 | 0.06 | 52 | 1437 | 70 | 0 | 1507 | 1400 | 24 |
| 25 | 1400 | 0.62 | 100 | 10.05 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.10 | 39.67 | 75 | 0.47 | 0.15 | 54 | 1320 | 1245 | 210 | 2776 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 10.06 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 39.80 | 75 | 0.02 | 0.12 | 48 | 1223 | 2297 | 8 | 3530 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 10.08 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 39.71 | 75 | 0.02 | 0.10 | 49 | 1155 | 614 | 7 | 1778 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 10.08 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.61 | 75 | 0.00 | 0.08 | 50 | 1109 | 136 | 0 | 1246 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 10.08 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.51 | 75 | 0.00 | 0.06 | 52 | 1075 | 20 | 0 | 1096 | 1400 | 29 |
| 30 | 1400 | 0.00 | 99 | 10.08 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.41 | 75 | 0.00 | 0.05 | 54 | 1039 | 1 | 0 | 1041 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 10.21 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 39.31 | 75 | 0.13 | 0.06 | 55 | 998 | 330 | 56 | 1385 | 1400 | 31 |

FORM 1417-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | HFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 98 | 10.48 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 39.28 | 75 | 0.27 | 0.11 | 54 | 953 | 1329 | 124 | 2407 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 10.71 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 39.32 | 75 | 0.23 | 0.14 | 50 | 915 | 2135 | 115 | 3168 | 1400 | 2 |
| 3 | 1400 | 0.04 | 100 | 10.74 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 39.34 | 75 | 0.03 | 0.11 | 48 | 897 | 1621 | 15 | 2535 | 1400 | 3 |
| 4 | 1400 | 0.26 | 99 | 10.93 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.26 | 0.10 | 39.26 | 75 | 0.19 | 0.13 | 49 | 900 | 1021 | 96 | 2019 | 1400 | 4 |
| 5 | 1400 | 0.56 | 92 | 11.32 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.51 | 0.10 | 39.26 | 75 | 0.39 | 0.19 | 49 | 923 | 2241 | 196 | 3362 | 1400 | 5 |
| 6 | 1400 | 0.06 | 86 | 11.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 39.36 | 75 | 0.04 | 0.15 | 46 | 966 | 2443 | 21 | 3432 | 1400 | 6 |
| 7 | 1400 | 0.00 | 96 | 11.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.28 | 75 | 0.00 | 0.12 | 47 | 1023 | 692 | 0 | 1716 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 11.39 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 39.18 | 75 | 0.03 | 0.10 | 49 | 1083 | 172 | 15 | 1271 | 1400 | 8 |
| 9 | 1400 | 0.09 | 100 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 39.09 | 75 | 0.07 | 0.09 | 50 | 1131 | 362 | 33 | 1527 | 1400 | 9 |
| 10 | 1400 | 0.00 | 92 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 39.03 | 75 | 0.00 | 0.07 | 51 | 1159 | 390 | 0 | 1550 | 1400 | 10 |
| 11 | 1400 | 0.00 | 80 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.93 | 75 | 0.00 | 0.06 | 53 | 1163 | 79 | 0 | 1243 | 1400 | 11 |
| 12 | 1400 | 0.00 | 96 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.83 | 75 | 0.00 | 0.05 | 54 | 1142 | 6 | 0 | 1149 | 1400 | 12 |
| 13 | 1400 | 0.00 | 98 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.73 | 75 | 0.00 | 0.04 | 55 | 1099 | 0 | 0 | 1099 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 38.63 | 75 | 0.01 | 0.03 | 56 | 1036 | 18 | 3 | 1059 | 1400 | 14 |
| 15 | 1400 | 0.00 | 80 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.53 | 75 | 0.00 | 0.02 | 57 | 959 | 34 | 0 | 994 | 1400 | 15 |
| 16 | 1400 | 0.00 | 99 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.43 | 75 | 0.00 | 0.02 | 58 | 874 | 7 | 0 | 882 | 1400 | 16 |
| 17 | 1400 | 0.00 | 92 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.33 | 75 | 0.00 | 0.01 | 58 | 784 | 0 | 0 | 785 | 1400 | 17 |
| 18 | 1400 | 0.00 | 80 | 11.46 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.23 | 75 | 0.00 | 0.01 | 59 | 695 | 0 | 0 | 695 | 1400 | 18 |
| 19 | 1400 | 0.05 | 50 | 11.47 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 38.13 | 75 | 0.01 | 0.01 | 59 | 608 | 26 | 4 | 640 | 1400 | 19 |
| 20 | 1400 | 0.80 | 92 | 12.03 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.74 | 0.10 | 38.04 | 75 | 0.55 | 0.13 | 59 | 532 | 1362 | 230 | 2125 | 1400 | 20 |
| 21 | 1400 | 0.45 | 98 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.44 | 0.10 | 38.20 | 75 | 0.33 | 0.17 | 49 | 486 | 3380 | 167 | 4035 | 1400 | 21 |
| 22 | 1400 | 0.00 | 70 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.27 | 75 | 0.00 | 0.13 | 46 | 491 | 2303 | 0 | 2795 | 1400 | 22 |
| 23 | 1400 | 0.00 | 60 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.17 | 75 | 0.00 | 0.11 | 48 | 543 | 427 | 0 | 971 | 1400 | 23 |
| 24 | 1400 | 0.00 | 96 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.07 | 75 | 0.00 | 0.08 | 50 | 624 | 32 | 0 | 657 | 1400 | 24 |
| 25 | 1400 | 0.00 | 50 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.97 | 75 | 0.00 | 0.07 | 52 | 708 | 1 | 0 | 710 | 1400 | 25 |
| 26 | 1400 | 0.00 | 38 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.87 | 75 | 0.00 | 0.05 | 53 | 776 | 0 | 0 | 777 | 1400 | 26 |
| 27 | 1400 | 0.00 | 10 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.77 | 75 | 0.00 | 0.04 | 55 | 820 | 0 | 0 | 820 | 1400 | 27 |
| 28 | 1400 | 0.00 | 5 | 12.36 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.67 | 75 | 0.00 | 0.03 | 56 | 835 | 0 | 0 | 836 | 1400 | 28 |
| 29 | 1400 | 0.81 | 5 | 12.39 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 37.57 | 75 | 0.03 | 0.03 | 57 | 824 | 69 | 12 | 907 | 1400 | 29 |
| 30 | 1400 | 0.16 | 27 | 12.42 | 6.89 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 37.56 | 75 | 0.03 | 0.03 | 57 | 792 | 205 | 13 | 1012 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.109 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.03 | 0 | 420 | 30 | 16 | 466 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.00 | 0 | 1450 | 100 | 0.5 | 6 | 0.05 | 0.00 | 0.09 | 2.00 | 30 | 0.00 | 0.02 | 57 | 419 | 28 | 11 | 480 | 1400 | 7 |
| 8 | 1400 | 0.00 | 2 | 0.00 | 0.01 | 0 | 1455 | 100 | 1.4 | 21 | 0.14 | 0.03 | 0.09 | 1.92 | 30 | 0.01 | 0.02 | 58 | 419 | 29 | 4 | 454 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 1510 | 100 | 0.9 | 13 | 0.09 | 0.01 | 0.09 | 1.85 | 29 | 0.00 | 0.02 | 58 | 419 | 42 | 3 | 466 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 1531 | 99 | 0.9 | 13 | 0.09 | 0.01 | 0.09 | 1.77 | 29 | 0.00 | 0.01 | 58 | 419 | 52 | 2 | 475 | 1400 | 10 |
| 11 | 1400 | 0.00 | 22 | 0.00 | 0.05 | 1 | 1551 | 98 | 2.2 | 55 | 0.23 | 0.12 | 0.09 | 1.69 | 28 | 0.04 | 0.02 | 59 | 419 | 76 | 7 | 503 | 1400 | 11 |
| 12 | 1400 | 0.00 | 22 | 0.00 | 0.09 | 1 | 1771 | 97 | 2.2 | 54 | 0.22 | 0.12 | 0.09 | 1.69 | 28 | 0.03 | 0.02 | 58 | 419 | 163 | 18 | 601 | 1400 | 12 |
| 13 | 1400 | 0.24 | 32 | 0.02 | 0.14 | 2 | 1984 | 95 | 2.7 | 66 | 0.28 | 0.26 | 0.09 | 1.69 | 28 | 0.07 | 0.03 | 58 | 418 | 316 | 27 | 762 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.02 | 0.14 | 2 | 2067 | 95 | 0.6 | 9 | 0.06 | 0.01 | 0.09 | 1.82 | 29 | 0.00 | 0.03 | 57 | 417 | 444 | 27 | 889 | 1400 | 14 |
| 15 | 1400 | 0.00 | 2 | 0.02 | 0.14 | 2 | 2069 | 95 | 1.1 | 17 | 0.12 | 0.02 | 0.09 | 1.73 | 29 | 0.01 | 0.02 | 57 | 415 | 407 | 7 | 830 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.02 | 0.15 | 2 | 2077 | 95 | 0.6 | 8 | 0.06 | 0.01 | 0.09 | 1.66 | 28 | 0.00 | 0.02 | 58 | 414 | 234 | 2 | 651 | 1400 | 16 |
| 17 | 1400 | 0.00 | 2 | 0.02 | 0.15 | 2 | 2079 | 95 | 1.1 | 16 | 0.11 | 0.02 | 0.09 | 1.57 | 28 | 0.01 | 0.02 | 58 | 412 | 100 | 1 | 515 | 1400 | 17 |
| 18 | 1400 | 0.00 | 22 | 0.02 | 0.18 | 2 | 2086 | 94 | 2.1 | 51 | 0.22 | 0.11 | 0.09 | 1.49 | 27 | 0.03 | 0.02 | 58 | 410 | 77 | 7 | 496 | 1400 | 18 |
| 19 | 1400 | 0.00 | 22 | 0.02 | 0.21 | 3 | 2127 | 93 | 2.0 | 50 | 0.21 | 0.11 | 0.09 | 1.49 | 27 | 0.03 | 0.02 | 58 | 408 | 147 | 15 | 571 | 1400 | 19 |
| 20 | 1400 | 0.04 | 45 | 0.03 | 0.28 | 4 | 2167 | 91 | 3.3 | 69 | 0.35 | 0.26 | 0.09 | 1.48 | 27 | 0.07 | 0.03 | 58 | 406 | 281 | 24 | 713 | 1400 | 20 |
| 21 | 1400 | 0.10 | 45 | 0.04 | 0.34 | 5 | 2257 | 88 | 3.2 | 66 | 0.35 | 0.28 | 0.09 | 1.60 | 28 | 0.08 | 0.04 | 57 | 403 | 473 | 40 | 918 | 1400 | 21 |
| 22 | 1400 | 0.29 | 7 | 0.04 | 0.35 | 5 | 2346 | 88 | 1.1 | 18 | 0.12 | 0.04 | 0.09 | 1.75 | 29 | 0.01 | 0.04 | 56 | 401 | 623 | 33 | 1058 | 1400 | 22 |
| 23 | 1400 | 0.01 | 45 | 0.05 | 0.41 | 6 | 2355 | 86 | 3.1 | 64 | 0.34 | 0.23 | 0.09 | 1.72 | 29 | 0.06 | 0.05 | 56 | 398 | 607 | 22 | 1029 | 1400 | 23 |
| 24 | 1400 | 0.00 | 45 | 0.05 | 0.47 | 6 | 2441 | 84 | 3.0 | 62 | 0.34 | 0.21 | 0.09 | 1.82 | 29 | 0.06 | 0.05 | 55 | 396 | 563 | 35 | 995 | 1400 | 24 |
| 25 | 1400 | 0.00 | 58 | 0.05 | 0.56 | 8 | 2525 | 81 | 3.7 | 67 | 0.42 | 0.29 | 0.09 | 1.91 | 30 | 0.08 | 0.06 | 55 | 394 | 646 | 42 | 1084 | 1400 | 25 |
| 26 | 1400 | 0.03 | 58 | 0.05 | 0.64 | 9 | 2640 | 79 | 3.5 | 64 | 0.42 | 0.29 | 0.09 | 2.07 | 31 | 0.09 | 0.07 | 54 | 393 | 802 | 52 | 1248 | 1400 | 26 |
| 27 | 1400 | 0.00 | 70 | 0.05 | 0.75 | 10 | 2732 | 76 | 4.2 | 69 | 0.51 | 0.35 | 0.09 | 2.23 | 32 | 0.11 | 0.09 | 53 | 392 | 975 | 62 | 1430 | 1400 | 27 |
| 28 | 1400 | 0.09 | 84 | 0.08 | 0.94 | 13 | 2837 | 72 | 6.0 | 72 | 0.75 | 0.62 | 0.09 | 2.46 | 35 | 0.21 | 0.13 | 51 | 392 | 1268 | 95 | 1757 | 1400 | 28 |
| 29 | 1400 | 0.02 | 22 | 0.08 | 0.96 | 13 | 3004 | 72 | 1.1 | 28 | 0.15 | 0.05 | 0.09 | 2.92 | 39 | 0.02 | 0.11 | 48 | 394 | 1592 | 96 | 2083 | 1400 | 29 |
| 30 | 1400 | 0.13 | 45 | 0.10 | 1.02 | 14 | 3014 | 70 | 2.4 | 48 | 0.32 | 0.21 | 0.09 | 2.87 | 39 | 0.08 | 0.11 | 50 | 397 | 1528 | 43 | 1970 | 1400 | 30 |
| 31 | 1400 | 0.09 | 77 | 0.13 | 1.18 | 16 | 3046 | 67 | 4.8 | 64 | 0.64 | 0.48 | 0.09 | 2.96 | 40 | 0.19 | 0.14 | 50 | 402 | 1300 | 76 | 1779 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.143 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 58 | 0.13 | 1.27 | 17 | 3136 | 65 | 3.0 | 50 | 0.41 | 0.22 | 0.09 | 3.30 | 43 | 0.09 | 0.14 | 48 | 408 | 1449 | 103 | 1962 | 1400 | 1 |
| 2 | 1400 | 0.23 | 22 | 0.16 | 1.28 | 17 | 3186 | 65 | 0.8 | 21 | 0.12 | 0.08 | 0.09 | 3.40 | 44 | 0.03 | 0.12 | 48 | 418 | 1582 | 62 | 2063 | 1400 | 2 |
| 3 | 1400 | 0.07 | 76 | 0.18 | 1.40 | 19 | 3192 | 62 | 3.6 | 55 | 0.52 | 0.33 | 0.09 | 3.39 | 44 | 0.15 | 0.14 | 49 | 429 | 1372 | 55 | 1858 | 1400 | 3 |
| 4 | 1400 | 0.00 | 99 | 0.18 | 1.79 | 24 | 3261 | 55 | 9.4 | 61 | 1.39 | 0.84 | 0.09 | 3.59 | 46 | 0.39 | 0.26 | 48 | 443 | 1593 | 174 | 2211 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.18 | 2.44 | 33 | 3433 | 44 | 13.1 | 55 | 2.21 | 1.21 | 0.09 | 4.34 | 53 | 0.64 | 0.52 | 40 | 460 | 3127 | 549 | 4137 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.18 | 3.23 | 44 | 3701 | 33 | 13.3 | 44 | 2.77 | 1.21 | 0.09 | 5.53 | 65 | 0.79 | 0.92 | 29 | 479 | 5993 | 1520 | 7994 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.18 | 4.00 | 54 | 3959 | 24 | 11.5 | 33 | 3.02 | 1.00 | 0.09 | 6.70 | 77 | 0.77 | 1.40 | 21 | 502 | 9183 | 3144 | 12831 | 1400 | 7 |
| 8 | 1400 | 0.00 | 99 | 0.18 | 4.50 | 61 | 4325 | 19 | 7.7 | 24 | 2.42 | 0.58 | 0.09 | 7.56 | 86 | 0.50 | 1.66 | 16 | 529 | 11080 | 3878 | 15488 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.18 | 5.16 | 70 | 4552 | 15 | 11.5 | 19 | 3.88 | 0.74 | 0.09 | 7.91 | 89 | 0.66 | 2.26 | 13 | 560 | 10889 | 4762 | 16213 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.18 | 5.70 | 77 | 4742 | 11 | 10.8 | 15 | 3.96 | 0.58 | 0.09 | 8.36 | 94 | 0.54 | 2.82 | 10 | 598 | 9437 | 7269 | 17305 | 1400 | 10 |
| 11 | 1400 | 0.00 | 99 | 0.18 | 5.99 | 81 | 4900 | 9 | 6.9 | 11 | 2.70 | 0.30 | 0.09 | 8.60 | 96 | 0.29 | 2.88 | 10 | 641 | 7788 | 6097 | 14529 | 1400 | 11 |
| 12 | 1400 | 0.06 | 99 | 0.24 | 6.14 | 83 | 4983 | 8 | 4.6 | 8 | 1.86 | 0.21 | 0.09 | 8.64 | 96 | 0.20 | 2.65 | 10 | 691 | 6258 | 2880 | 9831 | 1400 | 12 |
| 13 | 1400 | 0.00 | 91 | 0.24 | 6.17 | 83 | 5073 | 8 | 1.4 | 7 | 0.57 | 0.04 | 0.09 | 8.63 | 96 | 0.04 | 2.18 | 10 | 746 | 4792 | 1117 | 6657 | 1400 | 13 |
| 14 | 1400 | 0.06 | 94 | 0.29 | 6.23 | 84 | 5104 | 8 | 2.3 | 7 | 0.93 | 0.12 | 0.09 | 8.55 | 96 | 0.12 | 1.90 | 10 | 807 | 3383 | 323 | 4514 | 1400 | 14 |
| 15 | 1400 | 0.57 | 77 | 0.71 | 6.24 | 84 | 5156 | 8 | 0.2 | 1 | 0.09 | 0.44 | 0.09 | 8.51 | 95 | 0.42 | 1.58 | 11 | 872 | 3035 | 484 | 4393 | 1400 | 15 |
| 16 | 1400 | 0.00 | 96 | 0.71 | 6.32 | 85 | 5157 | 7 | 3.2 | 7 | 1.33 | 0.09 | 0.09 | 8.51 | 95 | 0.08 | 1.49 | 14 | 940 | 4163 | 629 | 5734 | 1400 | 16 |
| 17 | 1400 | 0.08 | 91 | 0.77 | 6.34 | 86 | 5227 | 7 | 1.1 | 5 | 0.47 | 0.10 | 0.09 | 8.48 | 95 | 0.09 | 1.26 | 15 | 1010 | 4641 | 323 | 5975 | 1400 | 17 |
| 18 | 1400 | 0.02 | 99 | 0.79 | 6.48 | 88 | 5248 | 6 | 5.0 | 7 | 2.06 | 0.16 | 0.09 | 8.42 | 94 | 0.15 | 1.46 | 17 | 1079 | 3610 | 387 | 5077 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.79 | 6.66 | 90 | 5360 | 5 | 7.9 | 6 | 3.32 | 0.20 | 0.09 | 8.47 | 95 | 0.19 | 1.98 | 15 | 1148 | 2726 | 1092 | 4967 | 1400 | 19 |
| 20 | 1400 | 0.03 | 99 | 0.82 | 6.77 | 92 | 5519 | 4 | 5.6 | 5 | 2.37 | 0.14 | 0.09 | 8.60 | 96 | 0.14 | 2.12 | 10 | 1213 | 2531 | 1545 | 5291 | 1400 | 20 |
| 21 | 1400 | 0.24 | 91 | 1.03 | 6.78 | 92 | 5610 | 4 | 0.5 | 2 | 0.22 | 0.22 | 0.09 | 8.62 | 96 | 0.22 | 1.74 | 10 | 1275 | 2685 | 976 | 4938 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.03 | 6.95 | 94 | 5615 | 3 | 10.7 | 4 | 4.57 | 0.18 | 0.09 | 8.57 | 96 | 0.18 | 2.64 | 13 | 1333 | 3085 | 1177 | 5596 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.03 | 7.13 | 96 | 5763 | 2 | 14.6 | 3 | 6.36 | 0.18 | 0.09 | 8.75 | 97 | 0.18 | 4.19 | 10 | 1385 | 3042 | 2542 | 6970 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.03 | 7.20 | 97 | 5912 | 1 | 10.0 | 2 | 4.40 | 0.07 | 0.09 | 8.91 | 99 | 0.07 | 4.51 | 10 | 1431 | 2259 | 2514 | 6205 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.03 | 7.27 | 98 | 5974 | 1 | 11.9 | 1 | 5.29 | 0.06 | 0.09 | 8.87 | 99 | 0.06 | 5.05 | 10 | 1470 | 1409 | 1403 | 4283 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.03 | 7.31 | 99 | 7043 | 1 | 12.8 | 1 | 5.72 | 0.05 | 0.09 | 8.87 | 99 | 0.04 | 5.57 | 10 | 1503 | 876 | 1024 | 3404 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 1.04 | 7.33 | 99 | 7101 | 0 | 8.5 | 0 | 3.82 | 0.03 | 0.09 | 8.88 | 99 | 0.03 | 5.23 | 10 | 1529 | 571 | 714 | 2815 | 1400 | 27 |
| 28 | 1400 | 0.00 | 99 | 1.04 | 7.33 | 99 | 7126 | 0 | 0.1 | 0 | 0.05 | 0.00 | 0.09 | 8.84 | 98 | 0.00 | 4.12 | 10 | 1548 | 386 | 334 | 2270 | 1400 | 28 |
| 29 | 1400 | 0.11 | 99 | 1.15 | 7.33 | 99 | 7126 | 0 | 0.1 | 0 | 0.05 | 0.11 | 0.09 | 8.75 | 97 | 0.11 | 3.26 | 10 | 1560 | 433 | 98 | 2093 | 1400 | 29 |
| 30 | 1400 | 0.88 | 94 | 1.95 | 7.33 | 99 | 7126 | 0 | 0.0 | 0 | 0.00 | 0.82 | 0.09 | 8.68 | 97 | 0.80 | 2.74 | 10 | 1565 | 2197 | 739 | 4502 | 1400 | 30 |



FORM 1819-S
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.448 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 94 | 2.74 | 7.33 | 99 | 7126 | 0 | 0.0 | 0 | 0.00 | 0.81 | 0.09 | 8.68 | 97 | 0.79 | 2.32 | 10 | 1564 | 7160 | 1861 | 10586 | 1400 | 1 |
| 2 | 1400 | 0.09 | 96 | 2.82 | 7.33 | 99 | 7126 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 8.69 | 97 | 0.08 | 1.84 | 10 | 1557 | 11781 | 1468 | 14807 | 1400 | 2 |
| 3 | 1400 | 0.00 | 99 | 2.82 | 7.33 | 99 | 7126 | 0 | 1.2 | 0 | 0.51 | 0.00 | 0.10 | 8.60 | 96 | 0.00 | 1.53 | 12 | 1544 | 10781 | 335 | 12661 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 2.88 | 7.34 | 99 | 7129 | 0 | 4.3 | 0 | 1.92 | 0.07 | 0.10 | 8.52 | 95 | 0.06 | 1.55 | 15 | 1527 | 5924 | 144 | 7597 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.88 | 7.35 | 99 | 7137 | 0 | 8.5 | 0 | 3.80 | 0.01 | 0.10 | 8.51 | 95 | 0.01 | 1.94 | 14 | 1506 | 2349 | 244 | 4100 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.88 | 7.36 | 99 | 7152 | 0 | 9.5 | 0 | 4.26 | 0.01 | 0.10 | 8.58 | 96 | 0.01 | 2.28 | 11 | 1481 | 978 | 167 | 2628 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 2.89 | 7.36 | 100 | 7165 | 0 | 6.3 | 0 | 2.84 | 0.01 | 0.10 | 8.64 | 96 | 0.01 | 2.22 | 10 | 1454 | 454 | 146 | 2055 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.89 | 7.37 | 100 | 7171 | 0 | 12.6 | 0 | 5.67 | 0.01 | 0.10 | 8.61 | 96 | 0.01 | 2.62 | 10 | 1424 | 231 | 142 | 1798 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.89 | 7.38 | 100 | 7182 | 0 | 13.7 | 0 | 6.13 | 0.01 | 0.10 | 8.68 | 97 | 0.01 | 2.80 | 10 | 1392 | 150 | 126 | 1669 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.89 | 7.38 | 100 | 7189 | 0 | 14.7 | 0 | 6.60 | 0.00 | 0.10 | 8.69 | 97 | 0.00 | 2.78 | 10 | 1358 | 93 | 94 | 1547 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 2.89 | 7.38 | 100 | 7194 | 0 | 15.7 | 0 | 7.07 | 0.00 | 0.10 | 8.68 | 97 | 0.00 | 2.59 | 10 | 1323 | 52 | 64 | 1440 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 2.94 | 7.38 | 100 | 7196 | 0 | 10.5 | 0 | 4.71 | 0.06 | 0.10 | 8.64 | 96 | 0.06 | 2.20 | 10 | 1287 | 70 | 325 | 1683 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 3.47 | 7.38 | 100 | 7198 | 0 | 6.3 | 0 | 2.82 | 0.55 | 0.10 | 8.58 | 96 | 0.53 | 1.91 | 10 | 1250 | 689 | 2543 | 4483 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 3.48 | 7.38 | 100 | 7198 | 0 | 7.3 | 0 | 3.30 | 0.01 | 0.10 | 8.59 | 96 | 0.01 | 1.56 | 11 | 1212 | 2032 | 3795 | 7040 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.48 | 7.38 | 100 | 7198 | 0 | 3.1 | 0 | 1.41 | 0.00 | 0.10 | 8.50 | 95 | 0.00 | 1.25 | 14 | 1173 | 2520 | 864 | 4558 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 3.48 | 7.38 | 100 | 7199 | 0 | 5.2 | 0 | 2.35 | 0.00 | 0.10 | 8.41 | 94 | 0.00 | 1.02 | 17 | 1134 | 1536 | 76 | 2747 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.48 | 7.38 | 100 | 7199 | 0 | 6.3 | 0 | 2.82 | 0.00 | 0.10 | 8.32 | 93 | 0.00 | 0.83 | 20 | 1094 | 518 | 5 | 1619 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.48 | 7.38 | 100 | 7199 | 0 | 3.1 | 0 | 1.41 | 0.00 | 0.10 | 8.23 | 92 | 0.00 | 0.67 | 23 | 1055 | 131 | 1 | 1188 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 3.48 | 7.38 | 100 | 7199 | 0 | 7.3 | 0 | 3.29 | 0.00 | 0.10 | 8.13 | 91 | 0.00 | 0.55 | 26 | 1016 | 29 | 0 | 1047 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 3.65 | 7.38 | 100 | 7199 | 0 | 7.3 | 0 | 3.29 | 0.19 | 0.10 | 8.05 | 90 | 0.17 | 0.50 | 28 | 977 | 181 | 383 | 1542 | 1400 | 20 |
| 21 | 1400 | 0.00 | 99 | 3.65 | 7.38 | 100 | 7199 | 0 | 1.0 | 0 | 0.46 | 0.00 | 0.10 | 8.00 | 90 | 0.00 | 0.39 | 29 | 939 | 604 | 694 | 2238 | 1400 | 21 |
| 22 | 1400 | 0.02 | 99 | 3.67 | 7.38 | 100 | 7199 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 7.90 | 89 | 0.02 | 0.31 | 32 | 901 | 804 | 155 | 1862 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 3.70 | 7.38 | 100 | 7199 | 0 | 3.1 | 0 | 1.41 | 0.03 | 0.10 | 7.81 | 88 | 0.03 | 0.26 | 36 | 864 | 595 | 37 | 1498 | 1400 | 23 |
| 24 | 1400 | 0.23 | 99 | 3.89 | 7.38 | 100 | 7199 | 0 | 0.0 | 0 | 0.00 | 0.23 | 0.10 | 7.72 | 87 | 0.20 | 0.25 | 40 | 828 | 627 | 83 | 1540 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 4.02 | 7.38 | 100 | 7199 | 0 | 3.1 | 0 | 1.41 | 0.15 | 0.10 | 7.68 | 87 | 0.13 | 0.23 | 41 | 793 | 1251 | 171 | 2217 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 4.09 | 7.38 | 100 | 7199 | 0 | 3.1 | 0 | 1.41 | 0.08 | 0.10 | 7.63 | 86 | 0.07 | 0.20 | 43 | 759 | 1810 | 186 | 2757 | 1400 | 26 |
| 27 | 1400 | 0.66 | 99 | 4.65 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.65 | 0.10 | 7.56 | 86 | 0.56 | 0.28 | 45 | 727 | 2272 | 256 | 3257 | 1400 | 27 |
| 28 | 1400 | 0.13 | 99 | 4.76 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 7.62 | 86 | 0.11 | 0.24 | 39 | 697 | 3297 | 341 | 4337 | 1400 | 28 |
| 29 | 1400 | 0.22 | 99 | 4.95 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 0.22 | 0.10 | 7.56 | 86 | 0.19 | 0.23 | 42 | 670 | 3915 | 200 | 4787 | 1400 | 29 |
| 30 | 1400 | 0.25 | 99 | 5.16 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 0.25 | 0.10 | 7.52 | 85 | 0.21 | 0.23 | 42 | 646 | 3455 | 258 | 4361 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 5.68 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.62 | 0.10 | 7.50 | 85 | 0.53 | 0.30 | 42 | 626 | 3362 | 544 | 4534 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0. SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 6.18 | 7.38 | 100 | 7200 | 0 | 5.2 | 0 | 2.35 | 0.58 | 0.10 | 7.57 | 86 | 0.50 | 0.35 | 37 | | 68 | 1277 | 6358 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 6.54 | 7.38 | 100 | 7200 | 0 | 8.4 | 0 | 3.77 | 0.42 | 0.10 | 7.63 | 86 | 0.36 | 0.36 | 34 | | 647 | 2024 | 8275 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 6.54 | 7.38 | 100 | 7200 | 0 | 4.2 | 0 | 1.88 | 0.00 | 0.10 | 7.65 | 87 | 0.00 | 0.29 | 34 | | 5342 | 1650 | 7592 | 1400 | 3 |
| 4 | 1400 | 0.01 | 100 | 6.55 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.01 | 0.10 | 7.56 | 86 | 0.01 | 0.23 | 38 | 603 | 3495 | 325 | 4425 | 1400 | 4 |
| 5 | 1400 | 0.14 | 100 | 6.67 | 7.38 | 100 | 7200 | 0 | 5.2 | 0 | 2.35 | 0.14 | 0.10 | 7.46 | 85 | 0.12 | 0.21 | 42 | 615 | 1664 | 129 | 2409 | 1400 | 5 |
| 6 | 1400 | 0.88 | 99 | 7.40 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 0.87 | 0.10 | 7.41 | 84 | 0.73 | 0.33 | 44 | 634 | 1708 | 590 | 2934 | 1400 | 6 |
| 7 | 1400 | 0.60 | 100 | 7.91 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.60 | 0.10 | 7.52 | 85 | 0.51 | 0.37 | 36 | 661 | 4038 | 1202 | 5902 | 1400 | 7 |
| 8 | 1400 | 0.99 | 99 | 8.75 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 0.98 | 0.10 | 7.59 | 86 | 0.84 | 0.47 | 34 | 695 | 7069 | 1635 | 9401 | 1400 | 8 |
| 9 | 1400 | 1.38 | 99 | 9.94 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 1.36 | 0.10 | 7.71 | 87 | 1.19 | 0.63 | 30 | 736 | 10087 | 2883 | 13708 | 1400 | 9 |
| 10 | 1400 | 1.49 | 100 | 11.26 | 7.38 | 100 | 7200 | 0 | 5.2 | 0 | 2.35 | 1.49 | 0.10 | 7.86 | 89 | 1.32 | 0.78 | 27 | 784 | 13398 | 6272 | 20457 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 11.26 | 7.38 | 100 | 7200 | 0 | 11.5 | 0 | 5.18 | 0.00 | 0.10 | 8.01 | 90 | 0.00 | 0.62 | 24 | 841 | 14493 | 6770 | 22104 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 11.26 | 7.38 | 100 | 7200 | 0 | 10.5 | 0 | 4.71 | 0.00 | 0.10 | 7.92 | 89 | 0.00 | 0.49 | 27 | 906 | 10769 | 1386 | 13062 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 11.76 | 7.38 | 100 | 7200 | 0 | 8.4 | 0 | 3.77 | 0.57 | 0.10 | 7.82 | 88 | 0.50 | 0.49 | 29 | 979 | 5479 | 1489 | 7949 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 11.76 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.00 | 0.10 | 7.86 | 89 | 0.00 | 0.39 | 29 | 1062 | 3000 | 2516 | 6580 | 1400 | 14 |
| 15 | 1400 | 0.00 | 99 | 11.76 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 0.00 | 0.10 | 7.76 | 88 | 0.00 | 0.31 | 33 | 1153 | 2270 | 544 | 3968 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 11.76 | 7.38 | 100 | 7200 | 0 | 4.2 | 0 | 1.88 | 0.00 | 0.10 | 7.66 | 87 | 0.00 | 0.24 | 37 | 1251 | 1243 | 42 | 2537 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 11.76 | 7.38 | 100 | 7200 | 0 | 5.2 | 0 | 2.35 | 0.00 | 0.10 | 7.56 | 86 | 0.00 | 0.19 | 42 | 1355 | 400 | 2 | 1758 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 11.79 | 7.38 | 100 | 7200 | 0 | 7.3 | 0 | 3.29 | 0.03 | 0.10 | 7.46 | 85 | 0.03 | 0.16 | 45 | 1462 | 121 | 26 | 1610 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 11.83 | 7.38 | 100 | 7200 | 0 | 9.4 | 0 | 4.24 | 0.05 | 0.10 | 7.37 | 84 | 0.04 | 0.13 | 47 | 1571 | 136 | 101 | 1809 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 12.17 | 7.38 | 100 | 7200 | 0 | 4.2 | 0 | 1.88 | 0.41 | 0.10 | 7.29 | 83 | 0.34 | 0.18 | 48 | 1678 | 563 | 303 | 2547 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 12.17 | 7.38 | 100 | 7200 | 0 | 4.2 | 0 | 1.88 | 0.00 | 0.10 | 7.32 | 83 | 0.00 | 0.14 | 46 | 1783 | 1373 | 376 | 3534 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 12.23 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.08 | 0.10 | 7.22 | 82 | 0.07 | 0.12 | 48 | 1883 | 1676 | 106 | 3666 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 12.23 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.00 | 0.10 | 7.14 | 81 | 0.00 | 0.10 | 49 | 1976 | 1185 | 56 | 3218 | 1400 | 23 |
| 24 | 1400 | 0.00 | 99 | 12.23 | 7.38 | 100 | 7200 | 0 | 2.1 | 0 | 0.93 | 0.00 | 0.10 | 7.04 | 80 | 0.00 | 0.08 | 50 | 2062 | 613 | 11 | 2687 | 1400 | 24 |
| 25 | 1400 | 0.62 | 99 | 12.72 | 7.38 | 100 | 7200 | 0 | 1.0 | 0 | 0.46 | 0.61 | 0.10 | 6.94 | 79 | 0.49 | 0.16 | 52 | 2138 | 734 | 143 | 3017 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 12.74 | 7.38 | 100 | 7200 | 0 | 4.2 | 0 | 1.88 | 0.02 | 0.10 | 7.04 | 80 | 0.02 | 0.13 | 47 | 2205 | 1723 | 266 | 4196 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 12.75 | 7.38 | 100 | 7200 | 0 | 4.2 | 0 | 1.88 | 0.02 | 0.10 | 6.95 | 79 | 0.02 | 0.11 | 48 | 2263 | 2200 | 78 | 4542 | 1400 | 27 |
| 28 | 1400 | 0.00 | 99 | 12.75 | 7.38 | 100 | 7200 | 0 | 1.0 | 0 | 0.46 | 0.00 | 0.10 | 6.85 | 79 | 0.00 | 0.09 | 50 | 2310 | 1425 | 21 | 3758 | 1400 | 28 |
| | 400 | 0.00 | 100 | 12.75 | 7.38 | 100 | 7200 | 0 | 5.2 | 0 | 2.35 | 0.00 | 0.10 | 6.75 | 78 | 0.00 | 0.07 | 51 | 2348 | 544 | 3 | 2897 | 1400 | 29 |
| | 400 | 0.00 | 94 | 12.75 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.65 | 77 | 0.00 | 0.05 | 53 | 2377 | 164 | 0 | 2542 | 1400 | 30 |
| | 400 | 0.17 | 100 | 12.88 | 7.38 | 100 | 7200 | 0 | 5.2 | 0 | 2.35 | 0.17 | 0.10 | 6.55 | 76 | 0.13 | 0.07 | 55 | 2396 | 152 | 58 | 2608 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE 80 NO. 90981 INITIAL DATE, HOUR 6 MAY 1971 1400 JOB DESCRIPTION 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.445 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | PN-AR | MI-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 91 | 13.14 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.34 | 0.10 | 6.52 | 75 | 0.25 | 0.11 | 53 | 2407 | 643 | 158 | 3210 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 13.37 | 7.38 | 100 | 7200 | 0 | 3.1 | 0 | 1.41 | 0.31 | 0.10 | 6.56 | 76 | 0.23 | 0.14 | 50 | 2410 | 1591 | 213 | 4215 | 1400 | 2 |
| 3 | 1400 | 0.04 | 96 | 13.40 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.58 | 76 | 0.03 | 0.11 | 48 | 2405 | 2250 | 205 | 4861 | 1400 | 3 |
| 4 | 1400 | 0.26 | 94 | 13.58 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.10 | 6.49 | 75 | 0.18 | 0.13 | 49 | 2393 | 2123 | 93 | 4609 | 1400 | 4 |
| 5 | 1400 | 0.56 | 77 | 13.90 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.43 | 0.10 | 6.49 | 75 | 0.32 | 0.17 | 49 | 2376 | 2036 | 150 | 4563 | 1400 | 5 |
| 6 | 1400 | 0.06 | 70 | 13.93 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.57 | 76 | 0.03 | 0.14 | 47 | 2353 | 2438 | 153 | 4946 | 1400 | 6 |
| 7 | 1400 | 0.00 | 84 | 13.93 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.49 | 75 | 0.00 | 0.11 | 48 | 2328 | 2277 | 42 | 4648 | 1400 | 7 |
| 8 | 1400 | 0.04 | 99 | 13.96 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.39 | 74 | 0.03 | 0.09 | 50 | 2299 | 1323 | 11 | 3634 | 1400 | 8 |
| 9 | 1400 | 0.09 | 99 | 14.03 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 6.30 | 73 | 0.06 | 0.09 | 51 | 2268 | 626 | 25 | 2921 | 1400 | 9 |
| 10 | 1400 | 0.00 | 77 | 14.03 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.24 | 72 | 0.00 | 0.07 | 51 | 2237 | 483 | 27 | 2749 | 1400 | 10 |
| 11 | 1400 | 0.00 | 58 | 14.03 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.14 | 71 | 0.00 | 0.05 | 53 | 2204 | 405 | 5 | 2616 | 1400 | 11 |
| 12 | 1400 | 0.00 | 84 | 14.03 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.04 | 70 | 0.00 | 0.04 | 55 | 2171 | 214 | 0 | 2386 | 1400 | 12 |
| 13 | 1400 | 0.00 | 91 | 14.03 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.94 | 69 | 0.00 | 0.03 | 56 | 2137 | 67 | 0 | 2205 | 1400 | 13 |
| 14 | 1400 | 0.01 | 96 | 14.04 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 5.84 | 68 | 0.01 | 0.03 | 57 | 2103 | 22 | 1 | 2127 | 1400 | 14 |
| 15 | 1400 | 0.00 | 58 | 14.04 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.74 | 67 | 0.00 | 0.02 | 57 | 2067 | 23 | 2 | 2094 | 1400 | 15 |
| 16 | 1400 | 0.00 | 94 | 14.04 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.64 | 66 | 0.00 | 0.02 | 58 | 2031 | 27 | 0 | 2059 | 1400 | 16 |
| 17 | 1400 | 0.00 | 77 | 14.04 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.54 | 65 | 0.00 | 0.01 | 58 | 1993 | 16 | 0 | 2010 | 1400 | 17 |
| 18 | 1400 | 0.00 | 58 | 14.04 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.44 | 64 | 0.00 | 0.01 | 59 | 1953 | 5 | 0 | 1959 | 1400 | 18 |
| 19 | 1400 | 0.03 | 22 | 14.04 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 5.34 | 63 | 0.00 | 0.01 | 59 | 1912 | 4 | 0 | 1918 | 1400 | 19 |
| 20 | 1400 | 0.80 | 77 | 14.42 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.61 | 0.10 | 5.25 | 62 | 0.38 | 0.09 | 59 | 1869 | 340 | 69 | 2279 | 1400 | 20 |
| 21 | 1400 | 0.45 | 91 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 5.46 | 65 | 0.26 | 0.13 | 51 | 1823 | 1414 | 180 | 3418 | 1400 | 21 |
| 22 | 1400 | 0.00 | 45 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.56 | 66 | 0.00 | 0.10 | 49 | 1777 | 2399 | 128 | 4306 | 1400 | 22 |
| 23 | 1400 | 0.00 | 32 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.46 | 65 | 0.00 | 0.08 | 50 | 1729 | 2101 | 24 | 3855 | 1400 | 23 |
| 24 | 1400 | 0.00 | 84 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.36 | 64 | 0.00 | 0.06 | 52 | 1681 | 1034 | 1 | 2718 | 1400 | 24 |
| 25 | 1400 | 0.00 | 22 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.26 | 63 | 0.00 | 0.05 | 54 | 1634 | 316 | 0 | 1952 | 1400 | 25 |
| 26 | 1400 | 0.00 | 15 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.16 | 62 | 0.00 | 0.04 | 55 | 1588 | 75 | 0 | 1664 | 1400 | 26 |
| 27 | 1400 | 0.00 | 0 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.06 | 61 | 0.00 | 0.03 | 56 | 1544 | 15 | 0 | 1559 | 1400 | 27 |
| 28 | 1400 | 0.00 | 0 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.96 | 60 | 0.00 | 0.02 | 57 | 1500 | 2 | 0 | 1504 | 1400 | 28 |
| 29 | 1400 | 0.81 | 0 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.86 | 59 | 0.00 | 0.02 | 58 | 1459 | 0 | 0 | 1460 | 1400 | 29 |
| 30 | 1400 | 0.16 | 7 | 14.69 | 7.38 | 100 | 7200 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 4.84 | 58 | 0.01 | 0.02 | 58 | 1419 | 5 | 1 | 1426 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.03 | 0 | 260 | 15 | 5 | 280 | 1400 | 6 |
| 7 | 1400 | 0.05 | 2 | 0.00 | 0.00 | 0 | 910 | 100 | 1.3 | 12 | 0.13 | 0.02 | 0.09 | 2.00 | 30 | 0.00 | 0.02 | 57 | 259 | 16 | 4 | 281 | 1400 | 7 |
| 8 | 1400 | 0.00 | 7 | 0.00 | 0.02 | 0 | 981 | 99 | 1.6 | 35 | 0.16 | 0.06 | 0.09 | 1.93 | 30 | 0.02 | 0.02 | 58 | 259 | 27 | 3 | 291 | 1400 | 8 |
| 9 | 1400 | 0.00 | 4 | 0.00 | 0.03 | 0 | 1063 | 99 | 1.0 | 23 | 0.11 | 0.02 | 0.09 | 1.88 | 29 | 0.01 | 0.02 | 58 | 259 | 50 | 4 | 315 | 1400 | 9 |
| 10 | 1400 | 0.00 | 4 | 0.00 | 0.04 | 0 | 1092 | 99 | 1.0 | 22 | 0.10 | 0.02 | 0.09 | 1.80 | 29 | 0.01 | 0.02 | 58 | 259 | 64 | 2 | 327 | 1400 | 10 |
| 11 | 1400 | 0.00 | 36 | 0.00 | 0.10 | 1 | 1120 | 97 | 3.1 | 67 | 0.32 | 0.21 | 0.09 | 1.73 | 29 | 0.06 | 0.03 | 58 | 259 | 87 | 8 | 356 | 1400 | 11 |
| 12 | 1400 | 0.00 | 36 | 0.00 | 0.16 | 2 | 1373 | 95 | 3.0 | 65 | 0.31 | 0.21 | 0.09 | 1.80 | 29 | 0.06 | 0.03 | 57 | 259 | 176 | 19 | 455 | 1400 | 12 |
| 13 | 1400 | 0.24 | 48 | 0.03 | 0.24 | 3 | 1618 | 92 | 3.5 | 74 | 0.37 | 0.39 | 0.09 | 1.86 | 29 | 0.11 | 0.05 | 57 | 259 | 329 | 27 | 616 | 1400 | 13 |
| 14 | 1400 | 0.00 | 4 | 0.03 | 0.24 | 3 | 1948 | 92 | 0.7 | 15 | 0.08 | 0.01 | 0.09 | 2.09 | 31 | 0.00 | 0.04 | 55 | 258 | 448 | 26 | 734 | 1400 | 14 |
| 15 | 1400 | 0.00 | 7 | 0.03 | 0.25 | 3 | 1963 | 92 | 1.2 | 27 | 0.13 | 0.04 | 0.09 | 2.01 | 30 | 0.01 | 0.04 | 56 | 258 | 405 | 7 | 671 | 1400 | 15 |
| 16 | 1400 | 0.00 | 4 | 0.03 | 0.25 | 3 | 2002 | 91 | 0.7 | 15 | 0.07 | 0.01 | 0.09 | 1.95 | 30 | 0.00 | 0.03 | 56 | 257 | 236 | 3 | 498 | 1400 | 16 |
| 17 | 1400 | 0.00 | 7 | 0.03 | 0.26 | 4 | 2005 | 91 | 1.2 | 26 | 0.13 | 0.03 | 0.09 | 1.87 | 29 | 0.01 | 0.03 | 57 | 257 | 108 | 2 | 368 | 1400 | 17 |
| 18 | 1400 | 0.00 | 36 | 0.03 | 0.32 | 4 | 2014 | 89 | 2.8 | 60 | 0.30 | 0.18 | 0.09 | 1.81 | 29 | 0.05 | 0.03 | 57 | 257 | 88 | 8 | 354 | 1400 | 18 |
| 19 | 1400 | 0.00 | 36 | 0.03 | 0.37 | 5 | 2064 | 88 | 2.7 | 58 | 0.30 | 0.17 | 0.09 | 1.86 | 29 | 0.05 | 0.04 | 57 | 257 | 161 | 16 | 436 | 1400 | 19 |
| 20 | 1400 | 0.04 | 59 | 0.04 | 0.46 | 6 | 2112 | 84 | 4.0 | 73 | 0.45 | 0.35 | 0.09 | 1.91 | 30 | 0.10 | 0.06 | 56 | 257 | 293 | 24 | 576 | 1400 | 20 |
| 21 | 1400 | 0.10 | 59 | 0.06 | 0.56 | 8 | 2202 | 81 | 3.8 | 69 | 0.44 | 0.36 | 0.09 | 2.11 | 31 | 0.11 | 0.07 | 54 | 258 | 462 | 37 | 758 | 1400 | 21 |
| 22 | 1400 | 0.29 | 14 | 0.07 | 0.57 | 8 | 2292 | 81 | 1.3 | 27 | 0.15 | 0.08 | 0.09 | 2.33 | 33 | 0.03 | 0.06 | 53 | 258 | 590 | 32 | 882 | 1400 | 22 |
| 23 | 1400 | 0.01 | 59 | 0.07 | 0.67 | 9 | 2305 | 78 | 3.6 | 66 | 0.43 | 0.29 | 0.09 | 2.34 | 33 | 0.10 | 0.08 | 54 | 259 | 583 | 23 | 867 | 1400 | 23 |
| 24 | 1400 | 0.00 | 59 | 0.07 | 0.76 | 10 | 2372 | 76 | 3.5 | 63 | 0.43 | 0.27 | 0.09 | 2.50 | 35 | 0.10 | 0.09 | 52 | 261 | 556 | 34 | 853 | 1400 | 24 |
| 25 | 1400 | 0.00 | 70 | 0.07 | 0.89 | 12 | 2432 | 73 | 4.2 | 66 | 0.53 | 0.35 | 0.09 | 2.64 | 36 | 0.13 | 0.11 | 51 | 262 | 642 | 42 | 948 | 1400 | 25 |
| 26 | 1400 | 0.03 | 70 | 0.08 | 1.02 | 14 | 2514 | 70 | 4.1 | 64 | 0.53 | 0.36 | 0.09 | 2.86 | 39 | 0.14 | 0.12 | 50 | 265 | 797 | 52 | 1116 | 1400 | 26 |
| 27 | 1400 | 0.00 | 80 | 0.08 | 1.19 | 16 | 2596 | 66 | 4.8 | 66 | 0.64 | 0.42 | 0.09 | 3.00 | 41 | 0.17 | 0.15 | 49 | 268 | 975 | 62 | 1307 | 1400 | 27 |
| 28 | 1400 | 0.09 | 91 | 0.12 | 1.45 | 20 | 2705 | 61 | 6.6 | 65 | 0.92 | 0.68 | 0.09 | 3.37 | 44 | 0.30 | 0.22 | 47 | 272 | 1245 | 90 | 1608 | 1400 | 28 |
| 29 | 1400 | 0.02 | 36 | 0.12 | 1.48 | 20 | 2869 | 60 | 1.4 | 29 | 0.20 | 0.07 | 0.09 | 3.89 | 49 | 0.03 | 0.18 | 43 | 278 | 1513 | 88 | 1879 | 1400 | 29 |
| 30 | 1400 | 0.13 | 59 | 0.16 | 1.57 | 21 | 2887 | 58 | 2.7 | 45 | 0.40 | 0.26 | 0.09 | 3.86 | 49 | 0.12 | 0.18 | 46 | 284 | 1435 | 43 | 1763 | 1400 | 30 |
| 31 | 1400 | 0.09 | 86 | 0.20 | 1.79 | 24 | 2928 | 55 | 5.2 | 52 | 0.81 | 0.53 | 0.09 | 3.98 | 50 | 0.26 | 0.24 | 46 | 292 | 1228 | 72 | 1594 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.177 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 70 | 0.21 | 1.93 | 26 | 3034 | 52 | 3.2 | 45 | 0.55 | 0.26 | 0.09 | 4.35 | 54 | 0.14 | 0.24 | 42 | 302 | 1359 | 96 | 1759 | 1400 | 1 |
| 2 | 1400 | 0.23 | 36 | 0.25 | 1.95 | 26 | 3097 | 52 | 1.0 | 21 | 0.17 | 0.12 | 0.09 | 4.49 | 55 | 0.07 | 0.21 | 41 | 314 | 1491 | 63 | 1870 | 1400 | 2 |
| 3 | 1400 | 0.07 | 80 | 0.28 | 2.13 | 29 | 3106 | 49 | 3.9 | 48 | 0.70 | 0.39 | 0.09 | 4.50 | 55 | 0.21 | 0.25 | 44 | 327 | 1346 | 58 | 1733 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.28 | 2.65 | 36 | 3194 | 40 | 9.9 | 49 | 1.87 | 0.91 | 0.09 | 4.75 | 57 | 0.53 | 0.48 | 41 | 342 | 1562 | 212 | 2118 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.28 | 3.45 | 47 | 3445 | 31 | 13.6 | 40 | 3.01 | 1.21 | 0.09 | 5.63 | 66 | 0.80 | 0.93 | 30 | 360 | 2812 | 859 | 4032 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.28 | 4.38 | 59 | 3712 | 20 | 13.7 | 31 | 3.85 | 1.18 | 0.09 | 6.86 | 79 | 0.93 | 1.73 | 21 | 379 | 4796 | 2534 | 7710 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.28 | 5.07 | 68 | 4036 | 15 | 11.6 | 20 | 3.84 | 0.76 | 0.09 | 8.04 | 90 | 0.69 | 2.32 | 13 | 400 | 6279 | 4426 | 11106 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.28 | 5.49 | 74 | 4307 | 13 | 8.0 | 15 | 2.90 | 0.44 | 0.09 | 8.42 | 94 | 0.42 | 2.53 | 10 | 424 | 6309 | 4243 | 10977 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.28 | 6.03 | 81 | 4472 | 9 | 11.9 | 13 | 4.54 | 0.57 | 0.09 | 8.54 | 95 | 0.54 | 3.27 | 10 | 450 | 5272 | 3646 | 9369 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.28 | 6.44 | 87 | 4686 | 6 | 11.6 | 9 | 4.68 | 0.42 | 0.09 | 8.74 | 97 | 0.41 | 3.94 | 10 | 480 | 4108 | 4429 | 9018 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.28 | 6.63 | 90 | 4847 | 5 | 7.8 | 6 | 3.24 | 0.20 | 0.09 | 8.82 | 98 | 0.20 | 3.95 | 10 | 512 | 3154 | 3305 | 6972 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 0.34 | 6.74 | 91 | 4925 | 4 | 5.1 | 5 | 2.15 | 0.17 | 0.09 | 8.80 | 98 | 0.16 | 3.62 | 10 | 547 | 2401 | 1567 | 4517 | 1400 | 12 |
| 13 | 1400 | 0.00 | 96 | 0.34 | 6.77 | 91 | 4966 | 4 | 1.8 | 4 | 0.76 | 0.03 | 0.09 | 8.77 | 98 | 0.03 | 3.00 | 10 | 584 | 1838 | 635 | 3060 | 1400 | 13 |
| 14 | 1400 | 0.06 | 97 | 0.40 | 6.81 | 92 | 4978 | 4 | 2.6 | 4 | 1.11 | 0.10 | 0.09 | 8.70 | 97 | 0.10 | 2.60 | 10 | 623 | 1382 | 190 | 2197 | 1400 | 14 |
| 15 | 1400 | 0.57 | 86 | 0.87 | 6.81 | 92 | 4995 | 4 | 0.5 | 1 | 0.22 | 0.49 | 0.09 | 8.65 | 96 | 0.47 | 2.16 | 10 | 663 | 1533 | 344 | 2542 | 1400 | 15 |
| 16 | 1400 | 0.00 | 99 | 0.87 | 6.87 | 93 | 4996 | 4 | 3.5 | 4 | 1.50 | 0.06 | 0.09 | 8.64 | 96 | 0.05 | 2.03 | 10 | 703 | 2501 | 464 | 3670 | 1400 | 16 |
| 17 | 1400 | 0.08 | 96 | 0.94 | 6.88 | 93 | 5079 | 3 | 1.4 | 3 | 0.60 | 0.10 | 0.09 | 8.61 | 96 | 0.09 | 1.72 | 10 | 742 | 2886 | 207 | 3837 | 1400 | 17 |
| 18 | 1400 | 0.02 | 100 | 0.96 | 6.96 | 94 | 5111 | 3 | 5.4 | 3 | 2.32 | 0.10 | 0.09 | 8.55 | 96 | 0.09 | 1.89 | 13 | 780 | 2142 | 216 | 3139 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 0.96 | 7.05 | 95 | 5245 | 2 | 8.3 | 3 | 3.61 | 0.10 | 0.09 | 8.58 | 96 | 0.10 | 2.40 | 11 | 816 | 1380 | 472 | 2669 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 0.99 | 7.11 | 96 | 5423 | 2 | 5.9 | 2 | 2.58 | 0.09 | 0.09 | 8.68 | 97 | 0.08 | 2.50 | 10 | 849 | 1022 | 611 | 2484 | 1400 | 20 |
| 21 | 1400 | 0.24 | 96 | 1.21 | 7.11 | 96 | 5523 | 2 | 0.7 | 1 | 0.29 | 0.24 | 0.09 | 8.69 | 97 | 0.23 | 2.06 | 10 | 878 | 1045 | 428 | 2352 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.21 | 7.20 | 97 | 5530 | 1 | 11.0 | 2 | 4.83 | 0.09 | 0.09 | 8.64 | 96 | 0.08 | 2.95 | 10 | 904 | 1427 | 457 | 2790 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.21 | 7.28 | 98 | 5683 | 1 | 14.9 | 1 | 6.61 | 0.08 | 0.09 | 8.78 | 98 | 0.08 | 4.44 | 10 | 927 | 1506 | 773 | 3207 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.21 | 7.32 | 99 | 5830 | 1 | 13.6 | 1 | 6.07 | 0.04 | 0.09 | 8.91 | 99 | 0.04 | 5.22 | 10 | 945 | 1011 | 756 | 2713 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.21 | 7.35 | 99 | 5908 | 0 | 15.6 | 0 | 6.97 | 0.03 | 0.09 | 8.89 | 99 | 0.03 | 6.00 | 10 | 958 | 504 | 488 | 1951 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.21 | 7.37 | 100 | 5963 | 0 | 16.6 | 0 | 7.42 | 0.02 | 0.09 | 8.90 | 99 | 0.02 | 6.39 | 10 | 968 | 253 | 320 | 1542 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 1.22 | 7.37 | 100 | 5994 | 0 | 11.1 | 0 | 5.00 | 0.02 | 0.09 | 8.89 | 99 | 0.02 | 5.73 | 10 | 973 | 139 | 209 | 1323 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.22 | 7.37 | 100 | 6170 | 0 | 2.2 | 0 | 0.97 | 0.00 | 0.09 | 8.84 | 98 | 0.00 | 4.59 | 10 | 974 | 87 | 118 | 1180 | 1400 | 28 |
| 29 | 1400 | 0.11 | 100 | 1.33 | 7.37 | 100 | 6216 | 0 | 2.1 | 0 | 0.93 | 0.11 | 0.09 | 8.75 | 98 | 0.11 | 3.72 | 10 | 971 | 168 | 83 | 1223 | 1400 | 29 |
| 30 | 1400 | 0.88 | 97 | 2.16 | 7.37 | 100 | 6258 | 0 | 0.0 | 0 | 0.00 | 0.86 | 0.09 | 8.69 | 97 | 0.83 | 3.10 | 10 | 964 | 1295 | 526 | 2786 | 1400 | 30 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
20981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 97 | 2.98 | 7.37 | 100 | 6258 | 0 | 0.0 | 0 | 0.00 | 0.85 | 0.09 | 8.70 | 97 | 0.82 | 2.61 | 10 | 953 | 4414 | 1180 | 6549 | 1400 | 1 |
| 2 | 1400 | 0.09 | 99 | 3.07 | 7.37 | 100 | 6258 | 0 | 0.5 | 0 | 0.22 | 0.09 | 0.10 | 8.70 | 97 | 0.09 | 2.08 | 10 | 940 | 7332 | 922 | 9196 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.07 | 7.37 | 100 | 6262 | 0 | 3.1 | 0 | 1.37 | 0.00 | 0.10 | 8.62 | 96 | 0.00 | 1.76 | 10 | 923 | 6725 | 213 | 7863 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 3.13 | 7.38 | 100 | 6319 | 0 | 6.1 | 0 | 2.74 | 0.06 | 0.10 | 8.54 | 95 | 0.06 | 1.63 | 12 | 905 | 3676 | 122 | 4705 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 3.13 | 7.38 | 100 | 6421 | 0 | 10.1 | 0 | 4.56 | 0.00 | 0.10 | 8.51 | 95 | 0.00 | 1.64 | 14 | 884 | 1404 | 188 | 2477 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 3.13 | 7.38 | 100 | 6560 | 0 | 11.0 | 0 | 4.93 | 0.00 | 0.10 | 8.49 | 95 | 0.00 | 1.59 | 14 | 863 | 520 | 55 | 1440 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 3.14 | 7.38 | 100 | 6668 | 0 | 7.6 | 0 | 3.43 | 0.01 | 0.10 | 8.47 | 95 | 0.01 | 1.41 | 14 | 840 | 201 | 36 | 1078 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 3.14 | 7.38 | 100 | 6720 | 0 | 13.8 | 0 | 6.22 | 0.00 | 0.10 | 8.41 | 94 | 0.00 | 1.34 | 16 | 817 | 80 | 45 | 943 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 3.14 | 7.38 | 100 | 6793 | 0 | 14.8 | 0 | 6.64 | 0.00 | 0.10 | 8.38 | 94 | 0.00 | 1.21 | 17 | 793 | 44 | 17 | 855 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 3.14 | 7.38 | 100 | 6841 | 0 | 15.7 | 0 | 7.08 | 0.00 | 0.10 | 8.33 | 93 | 0.00 | 1.05 | 18 | 768 | 23 | 8 | 800 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 3.14 | 7.38 | 100 | 6871 | 0 | 16.7 | 0 | 7.53 | 0.00 | 0.10 | 8.26 | 93 | 0.00 | 0.89 | 19 | 744 | 9 | 4 | 759 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 3.19 | 7.38 | 100 | 6889 | 0 | 11.5 | 0 | 5.16 | 0.06 | 0.10 | 8.19 | 92 | 0.06 | 0.73 | 22 | 720 | 26 | 137 | 884 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 3.69 | 7.38 | 100 | 6896 | 0 | 7.3 | 0 | 3.26 | 0.55 | 0.10 | 8.11 | 91 | 0.50 | 0.69 | 25 | 695 | 361 | 1093 | 2151 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 3.70 | 7.38 | 100 | 6898 | 0 | 8.3 | 0 | 3.73 | 0.01 | 0.10 | 8.13 | 91 | 0.01 | 0.56 | 25 | 671 | 1079 | 1607 | 3358 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.70 | 7.38 | 100 | 6901 | 0 | 4.1 | 0 | 1.84 | 0.00 | 0.10 | 8.04 | 90 | 0.00 | 0.44 | 28 | 647 | 1339 | 364 | 2351 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 3.70 | 7.38 | 100 | 6902 | 0 | 6.2 | 0 | 2.79 | 0.00 | 0.10 | 7.94 | 89 | 0.00 | 0.35 | 31 | 623 | 815 | 31 | 1471 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.70 | 7.38 | 100 | 6903 | 0 | 7.2 | 0 | 3.26 | 0.00 | 0.10 | 7.84 | 88 | 0.00 | 0.28 | 34 | 600 | 274 | 1 | 877 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.70 | 7.38 | 100 | 6905 | 0 | 4.1 | 0 | 1.84 | 0.00 | 0.10 | 7.75 | 87 | 0.00 | 0.22 | 39 | 577 | 68 | 0 | 647 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 3.70 | 7.38 | 100 | 6905 | 0 | 8.3 | 0 | 3.73 | 0.00 | 0.10 | 7.65 | 86 | 0.00 | 0.18 | 43 | 556 | 14 | 0 | 571 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 3.86 | 7.38 | 100 | 6906 | 0 | 8.3 | 0 | 3.73 | 0.19 | 0.10 | 7.55 | 86 | 0.16 | 0.18 | 46 | 535 | 87 | 122 | 745 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.86 | 7.38 | 100 | 6907 | 0 | 2.0 | 0 | 0.89 | 0.00 | 0.10 | 7.51 | 85 | 0.00 | 0.14 | 46 | 515 | 291 | 221 | 1029 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 3.88 | 7.38 | 100 | 6907 | 0 | 0.9 | 0 | 0.42 | 0.02 | 0.10 | 7.41 | 84 | 0.02 | 0.11 | 48 | 496 | 387 | 50 | 934 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 3.91 | 7.38 | 100 | 6907 | 0 | 4.1 | 0 | 1.84 | 0.03 | 0.10 | 7.31 | 83 | 0.02 | 0.10 | 49 | 476 | 283 | 15 | 777 | 1400 | 23 |
| 24 | 1400 | 0.23 | 100 | 4.09 | 7.38 | 100 | 6907 | 0 | 0.9 | 0 | 0.42 | 0.23 | 0.10 | 7.22 | 82 | 0.19 | 0.12 | 50 | 461 | 292 | 40 | 795 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 4.22 | 7.38 | 100 | 6908 | 0 | 4.1 | 0 | 1.84 | 0.15 | 0.10 | 7.20 | 82 | 0.12 | 0.12 | 49 | 445 | 589 | 88 | 1123 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 4.28 | 7.38 | 100 | 6908 | 0 | 4.1 | 0 | 1.84 | 0.08 | 0.10 | 7.15 | 81 | 0.07 | 0.11 | 49 | 430 | 864 | 96 | 1391 | 1400 | 26 |
| 27 | 1400 | 0.66 | 100 | 4.81 | 7.38 | 100 | 6908 | 0 | 0.0 | 0 | 0.00 | 0.66 | 0.10 | 7.07 | 81 | 0.53 | 0.20 | 50 | 416 | 1127 | 126 | 1671 | 1400 | 27 |
| 28 | 1400 | 0.13 | 100 | 4.92 | 7.38 | 100 | 6908 | 0 | 0.0 | 0 | 0.00 | 0.13 | 0.10 | 7.17 | 82 | 0.11 | 0.18 | 45 | 404 | 1702 | 163 | 2270 | 1400 | 28 |
| 29 | 1400 | 0.22 | 100 | 5.10 | 7.38 | 100 | 6908 | 0 | 3.0 | 0 | 1.37 | 0.22 | 0.10 | 7.11 | 81 | 0.18 | 0.18 | 46 | 393 | 2048 | 107 | 2550 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 5.30 | 7.38 | 100 | 6908 | 0 | 3.0 | 0 | 1.37 | 0.25 | 0.10 | 7.09 | 81 | 0.20 | 0.18 | 46 | 385 | 1814 | 153 | 2353 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 5.80 | 7.38 | 100 | 6908 | 0 | 4.1 | 0 | 1.84 | 0.62 | 0.10 | 7.07 | 81 | 0.50 | 0.25 | 46 | 379 | 1773 | 324 | 2478 | 1400 | 31 |



FORM 1512-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RO | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 6.27 | 7.38 | 100 | 6908 | 0 | 6.2 | 0 | 2.78 | 0.58 | 0.10 | 7.16 | 82 | 0.47 | 0.30 | 41 | 375 | 2367 | 733 | 3477 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 6.62 | 7.38 | 100 | 6909 | 0 | 9.3 | 0 | 4.20 | 0.42 | 0.10 | 7.24 | 82 | 0.35 | 0.31 | 37 | 375 | 3003 | 1133 | 4513 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 6.62 | 7.38 | 100 | 6909 | 0 | 5.1 | 0 | 2.31 | 0.00 | 0.10 | 7.28 | 83 | 0.00 | 0.25 | 36 | 379 | 2857 | 924 | 4161 | 1400 | 3 |
| 4 | 1400 | 0.01 | 100 | 6.62 | 7.38 | 100 | 6909 | 0 | 4.1 | 0 | 1.84 | 0.01 | 0.10 | 7.18 | 82 | 0.01 | 0.19 | 41 | 387 | 1881 | 182 | 2452 | 1400 | 4 |
| 5 | 1400 | 0.15 | 100 | 6.75 | 7.38 | 100 | 6909 | 0 | 6.2 | 0 | 2.78 | 0.15 | 0.10 | 7.08 | 81 | 0.12 | 0.18 | 45 | 399 | 906 | 81 | 1387 | 1400 | 5 |
| 6 | 1400 | 0.95 | 100 | 7.51 | 7.38 | 100 | 6909 | 0 | 3.0 | 0 | 1.36 | 0.95 | 0.10 | 7.03 | 80 | 0.76 | 0.30 | 46 | 416 | 982 | 399 | 1798 | 1400 | 6 |
| 7 | 1400 | 0.65 | 100 | 8.04 | 7.38 | 100 | 6909 | 0 | 4.1 | 0 | 1.84 | 0.65 | 0.10 | 7.20 | 82 | 0.53 | 0.35 | 37 | 437 | 2376 | 847 | 3661 | 1400 | 7 |
| 8 | 1400 | 1.07 | 100 | 8.92 | 7.38 | 100 | 6909 | 0 | 3.0 | 0 | 1.36 | 1.07 | 0.10 | 7.29 | 83 | 0.89 | 0.47 | 34 | 462 | 4187 | 1225 | 5876 | 1400 | 8 |
| 9 | 1400 | 1.49 | 100 | 10.18 | 7.38 | 100 | 6909 | 0 | 3.0 | 0 | 1.36 | 1.49 | 0.10 | 7.45 | 84 | 1.26 | 0.64 | 30 | 491 | 6006 | 2256 | 8754 | 1400 | 9 |
| 10 | 1400 | 1.61 | 100 | 11.58 | 7.38 | 100 | 6909 | 0 | 6.2 | 0 | 2.78 | 1.61 | 0.10 | 7.66 | 87 | 1.39 | 0.80 | 26 | 524 | 7962 | 4775 | 13263 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 11.58 | 7.38 | 100 | 6910 | 0 | 12.5 | 0 | 5.61 | 0.00 | 0.10 | 7.86 | 89 | 0.00 | 0.63 | 24 | 562 | 8528 | 5015 | 14107 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 11.58 | 7.38 | 100 | 6910 | 0 | 11.4 | 0 | 5.14 | 0.00 | 0.10 | 7.76 | 88 | 0.00 | 0.49 | 26 | 605 | 6266 | 1022 | 7894 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 12.07 | 7.38 | 100 | 6910 | 0 | 9.3 | 0 | 4.20 | 0.57 | 0.10 | 7.66 | 87 | 0.49 | 0.49 | 29 | 653 | 3148 | 971 | 4774 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 12.07 | 7.38 | 100 | 6910 | 0 | 4.1 | 0 | 1.84 | 0.00 | 0.10 | 7.70 | 87 | 0.00 | 0.39 | 29 | 707 | 1683 | 1625 | 4016 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 12.07 | 7.38 | 100 | 6910 | 0 | 3.0 | 0 | 1.36 | 0.00 | 0.10 | 7.60 | 86 | 0.00 | 0.31 | 33 | 766 | 1250 | 351 | 2368 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 12.07 | 7.38 | 100 | 6910 | 0 | 5.1 | 0 | 2.31 | 0.00 | 0.10 | 7.50 | 85 | 0.00 | 0.24 | 37 | 828 | 681 | 27 | 1538 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 12.07 | 7.38 | 100 | 6910 | 0 | 6.2 | 0 | 2.78 | 0.00 | 0.10 | 7.41 | 84 | 0.00 | 0.19 | 42 | 895 | 219 | 1 | 1116 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 12.10 | 7.38 | 100 | 6910 | 0 | 8.3 | 0 | 3.72 | 0.03 | 0.10 | 7.31 | 83 | 0.02 | 0.15 | 46 | 963 | 66 | 17 | 1048 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 12.14 | 7.38 | 100 | 6910 | 0 | 10.4 | 0 | 4.67 | 0.05 | 0.10 | 7.21 | 82 | 0.04 | 0.13 | 47 | 1032 | 77 | 66 | 1176 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 12.47 | 7.38 | 100 | 6910 | 0 | 5.1 | 0 | 2.31 | 0.41 | 0.10 | 7.13 | 81 | 0.33 | 0.17 | 49 | 1100 | 320 | 206 | 1628 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 12.47 | 7.38 | 100 | 6910 | 0 | 5.1 | 0 | 2.31 | 0.00 | 0.10 | 7.16 | 82 | 0.00 | 0.14 | 46 | 1166 | 783 | 261 | 2212 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 12.53 | 7.38 | 100 | 6910 | 0 | 4.1 | 0 | 1.84 | 0.08 | 0.10 | 7.06 | 81 | 0.06 | 0.12 | 48 | 1228 | 958 | 73 | 2261 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 12.53 | 7.38 | 100 | 6910 | 0 | 4.1 | 0 | 1.84 | 0.00 | 0.10 | 6.99 | 80 | 0.00 | 0.09 | 49 | 1287 | 678 | 38 | 2005 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 12.53 | 7.38 | 100 | 6910 | 0 | 3.0 | 0 | 1.36 | 0.00 | 0.10 | 6.89 | 79 | 0.00 | 0.07 | 51 | 1340 | 352 | 7 | 1700 | 1400 | 24 |
| 25 | 1400 | 0.62 | 100 | 13.02 | 7.38 | 100 | 6910 | 0 | 2.0 | 0 | 0.89 | 0.62 | 0.10 | 6.79 | 78 | 0.48 | 0.16 | 53 | 1387 | 426 | 102 | 1917 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 13.03 | 7.38 | 100 | 6910 | 0 | 5.1 | 0 | 2.31 | 0.02 | 0.10 | 6.90 | 79 | 0.02 | 0.13 | 47 | 1428 | 1004 | 191 | 2624 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 13.05 | 7.38 | 100 | 6910 | 0 | 5.1 | 0 | 2.31 | 0.02 | 0.10 | 6.81 | 78 | 0.02 | 0.11 | 48 | 1463 | 1282 | 55 | 2801 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 13.05 | 7.38 | 100 | 6910 | 0 | 2.0 | 0 | 0.89 | 0.00 | 0.10 | 6.71 | 77 | 0.00 | 0.08 | 50 | 1491 | 830 | 14 | 2337 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 13.05 | 7.38 | 100 | 6910 | 0 | 6.2 | 0 | 2.78 | 0.00 | 0.10 | 6.61 | 76 | 0.00 | 0.07 | 52 | 1513 | 317 | 2 | 1833 | 1400 | 29 |
| 30 | 1400 | 0.00 | 97 | 13.05 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.51 | 75 | 0.00 | 0.05 | 53 | 1529 | 95 | 0 | 1626 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 13.17 | 7.38 | 100 | 6910 | 0 | 6.2 | 0 | 2.78 | 0.17 | 0.10 | 6.41 | 74 | 0.13 | 0.07 | 55 | 1540 | 88 | 38 | 1667 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., COE?S OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 96 | 15.44 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 6.38 | 74 | 0.26 | 0.11 | 53 | 1544 | 383 | 101 | 2030 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 13.67 | 7.38 | 100 | 6910 | 0 | 4.1 | 0 | 1.84 | 0.31 | 0.10 | 6.43 | 74 | 0.23 | 0.14 | 50 | 1543 | 957 | 140 | 2641 | 1400 | 2 |
| 3 | 1400 | 0.04 | 99 | 13.70 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.45 | 75 | 0.03 | 0.11 | 48 | 1538 | 1351 | 139 | 3029 | 1400 | 3 |
| 4 | 1400 | 0.26 | 97 | 13.88 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.10 | 6.37 | 74 | 0.19 | 0.13 | 49 | 1528 | 1269 | 59 | 2857 | 1400 | 4 |
| 5 | 1400 | 0.56 | 86 | 14.24 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.48 | 0.10 | 6.37 | 74 | 0.35 | 0.18 | 47 | 1514 | 1244 | 95 | 2855 | 1400 | 5 |
| 6 | 1400 | 0.06 | 80 | 14.27 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 6.47 | 75 | 0.04 | 0.15 | 49 | 1498 | 1547 | 101 | 3147 | 1400 | 6 |
| 7 | 1400 | 0.00 | 91 | 14.27 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.39 | 74 | 0.00 | 0.12 | 49 | 1479 | 1477 | 28 | 2985 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 14.30 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.29 | 73 | 0.03 | 0.10 | 49 | 1458 | 867 | 7 | 2334 | 1400 | 8 |
| 9 | 1400 | 0.09 | 100 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 6.20 | 72 | 0.06 | 0.09 | 50 | 1437 | 404 | 15 | 1857 | 1400 | 9 |
| 10 | 1400 | 0.00 | 86 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.14 | 71 | 0.00 | 0.07 | 51 | 1414 | 299 | 16 | 1731 | 1400 | 10 |
| 11 | 1400 | 0.00 | 70 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.04 | 70 | 0.00 | 0.06 | 53 | 1392 | 246 | 3 | 1642 | 1400 | 11 |
| 12 | 1400 | 0.00 | 91 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.94 | 69 | 0.00 | 0.04 | 54 | 1369 | 129 | 0 | 1499 | 1400 | 12 |
| 13 | 1400 | 0.00 | 96 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.84 | 68 | 0.00 | 0.03 | 56 | 1345 | 40 | 0 | 1387 | 1400 | 13 |
| 14 | 1400 | 0.01 | 99 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 5.74 | 67 | 0.01 | 0.03 | 57 | 1322 | 13 | 0 | 1337 | 1400 | 14 |
| 15 | 1400 | 0.00 | 70 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.65 | 66 | 0.00 | 0.02 | 57 | 1298 | 14 | 1 | 1314 | 1400 | 15 |
| 16 | 1400 | 0.00 | 97 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.55 | 65 | 0.00 | 0.02 | 58 | 1273 | 16 | 0 | 1291 | 1400 | 16 |
| 17 | 1400 | 0.00 | 86 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.45 | 64 | 0.00 | 0.01 | 58 | 1248 | 9 | 0 | 1259 | 1400 | 17 |
| 18 | 1400 | 0.00 | 70 | 14.37 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.35 | 63 | 0.00 | 0.01 | 59 | 1222 | 3 | 0 | 1226 | 1400 | 18 |
| 19 | 1400 | 0.03 | 36 | 14.38 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 5.25 | 62 | 0.01 | 0.01 | 59 | 1195 | 4 | 0 | 1201 | 1400 | 19 |
| 20 | 1400 | 0.80 | 86 | 14.80 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.69 | 0.10 | 5.15 | 62 | 0.42 | 0.10 | 59 | 1167 | 228 | 46 | 1443 | 1400 | 20 |
| 21 | 1400 | 0.45 | 96 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.43 | 0.10 | 5.39 | 64 | 0.28 | 0.14 | 50 | 1138 | 934 | 118 | 2191 | 1400 | 21 |
| 22 | 1400 | 0.00 | 59 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.51 | 65 | 0.00 | 0.11 | 48 | 1108 | 1570 | 83 | 2762 | 1400 | 22 |
| 23 | 1400 | 0.00 | 48 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.41 | 64 | 0.00 | 0.08 | 50 | 1078 | 1364 | 15 | 2459 | 1400 | 23 |
| 24 | 1400 | 0.00 | 91 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.31 | 63 | 0.00 | 0.07 | 52 | 1047 | 668 | 1 | 1717 | 1400 | 24 |
| 25 | 1400 | 0.00 | 36 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.21 | 62 | 0.00 | 0.05 | 53 | 1018 | 204 | 0 | 1223 | 1400 | 25 |
| 26 | 1400 | 0.00 | 25 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.11 | 61 | 0.00 | 0.04 | 55 | 989 | 48 | 0 | 1038 | 1400 | 26 |
| 27 | 1400 | 0.00 | 4 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.01 | 60 | 0.00 | 0.03 | 56 | 961 | 9 | 0 | 971 | 1400 | 27 |
| 28 | 1400 | 0.00 | 2 | 15.08 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.91 | 59 | 0.00 | 0.03 | 57 | 934 | 1 | 0 | 936 | 1400 | 28 |
| 29 | 1400 | 0.81 | 2 | 15.09 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 4.81 | 58 | 0.01 | 0.02 | 57 | 908 | 4 | 0 | 915 | 1400 | 29 |
| 30 | 1400 | 0.16 | 14 | 15.10 | 7.38 | 100 | 6910 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 4.80 | 58 | 0.01 | 0.02 | 58 | 884 | 22 | 3 | 910 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

FORM 1815

PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1971 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1971 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 2.00 | 0 | 0.00 | 0.03 | 0 | 140 | 10 | 4 | 154 | 1400 | 6 |
| 7 | 1400 | 0.05 | 8 | 0.00 | 0.02 | 0 | 677 | 99 | 2.0 | 29 | 0.20 | 0.06 | 0.09 | 2.00 | 30 | 0.02 | 0.03 | 57 | 139 | 14 | 3 | 159 | 1400 | 7 |
| 8 | 1400 | 0.00 | 22 | 0.00 | 0.06 | 1 | 737 | 98 | 3.0 | 44 | 0.30 | 0.13 | 0.09 | 1.96 | 30 | 0.04 | 0.03 | 57 | 139 | 36 | 4 | 182 | 1400 | 8 |
| 9 | 1400 | 0.00 | 15 | 0.00 | 0.08 | 1 | 869 | 97 | 2.4 | 35 | 0.24 | 0.08 | 0.09 | 1.96 | 30 | 0.03 | 0.03 | 57 | 139 | 74 | 6 | 221 | 1400 | 9 |
| 10 | 1400 | 0.00 | 15 | 0.00 | 0.11 | 1 | 954 | 96 | 2.3 | 34 | 0.24 | 0.08 | 0.09 | 1.93 | 30 | 0.02 | 0.03 | 57 | 139 | 99 | 5 | 245 | 1400 | 10 |
| 11 | 1400 | 0.00 | 46 | 0.00 | 0.19 | 3 | 1016 | 94 | 4.1 | 68 | 0.42 | 0.29 | 0.09 | 1.90 | 30 | 0.08 | 0.04 | 57 | 139 | 118 | 8 | 267 | 1400 | 11 |
| 12 | 1400 | 0.00 | 46 | 0.00 | 0.27 | 4 | 1140 | 91 | 3.9 | 65 | 0.41 | 0.27 | 0.09 | 2.03 | 30 | 0.08 | 0.05 | 56 | 139 | 173 | 15 | 329 | 1400 | 12 |
| 13 | 1400 | 0.24 | 54 | 0.04 | 0.37 | 5 | 1260 | 87 | 4.1 | 72 | 0.45 | 0.45 | 0.09 | 2.14 | 31 | 0.14 | 0.07 | 55 | 140 | 269 | 20 | 430 | 1400 | 13 |
| 14 | 1400 | 0.00 | 15 | 0.04 | 0.39 | 5 | 1410 | 87 | 1.6 | 24 | 0.18 | 0.04 | 0.09 | 2.43 | 34 | 0.01 | 0.06 | 53 | 140 | 344 | 19 | 504 | 1400 | 14 |
| 15 | 1400 | 0.00 | 22 | 0.04 | 0.41 | 6 | 1432 | 86 | 2.1 | 31 | 0.24 | 0.07 | 0.09 | 2.37 | 34 | 0.02 | 0.06 | 54 | 140 | 313 | 7 | 462 | 1400 | 15 |
| 16 | 1400 | 0.00 | 15 | 0.04 | 0.43 | 6 | 1469 | 86 | 1.5 | 23 | 0.17 | 0.04 | 0.09 | 2.34 | 33 | 0.01 | 0.05 | 54 | 140 | 202 | 4 | 348 | 1400 | 16 |
| 17 | 1400 | 0.00 | 22 | 0.04 | 0.45 | 6 | 1488 | 85 | 2.0 | 30 | 0.23 | 0.07 | 0.09 | 2.28 | 33 | 0.02 | 0.04 | 55 | 141 | 116 | 3 | 261 | 1400 | 17 |
| 18 | 1400 | 0.00 | 46 | 0.04 | 0.52 | 7 | 1522 | 83 | 3.3 | 57 | 0.38 | 0.21 | 0.09 | 2.24 | 32 | 0.07 | 0.05 | 56 | 142 | 100 | 7 | 250 | 1400 | 18 |
| 19 | 1400 | 0.00 | 46 | 0.04 | 0.58 | 8 | 1624 | 80 | 3.1 | 54 | 0.37 | 0.20 | 0.09 | 2.33 | 33 | 0.07 | 0.06 | 55 | 143 | 145 | 12 | 303 | 1400 | 19 |
| 20 | 1400 | 0.04 | 64 | 0.05 | 0.70 | 9 | 1722 | 78 | 4.2 | 67 | 0.50 | 0.36 | 0.09 | 2.40 | 34 | 0.12 | 0.08 | 54 | 145 | 228 | 17 | 392 | 1400 | 20 |
| 21 | 1400 | 0.10 | 64 | 0.07 | 0.81 | 11 | 1837 | 75 | 4.0 | 64 | 0.50 | 0.38 | 0.09 | 2.62 | 36 | 0.14 | 0.10 | 52 | 147 | 334 | 25 | 508 | 1400 | 21 |
| 22 | 1400 | 0.29 | 30 | 0.11 | 0.84 | 11 | 1950 | 74 | 1.8 | 28 | 0.23 | 0.15 | 0.09 | 2.85 | 39 | 0.06 | 0.09 | 50 | 149 | 424 | 24 | 598 | 1400 | 22 |
| 23 | 1400 | 0.01 | 64 | 0.11 | 0.95 | 13 | 1974 | 72 | 3.9 | 61 | 0.49 | 0.31 | 0.09 | 2.90 | 39 | 0.12 | 0.11 | 51 | 151 | 439 | 19 | 611 | 1400 | 23 |
| 24 | 1400 | 0.00 | 64 | 0.11 | 1.07 | 14 | 2082 | 69 | 3.7 | 58 | 0.49 | 0.28 | 0.09 | 3.07 | 41 | 0.12 | 0.12 | 50 | 154 | 432 | 25 | 613 | 1400 | 24 |
| 25 | 1400 | 0.00 | 73 | 0.11 | 1.22 | 16 | 2187 | 66 | 4.3 | 61 | 0.59 | 0.36 | 0.09 | 3.23 | 42 | 0.15 | 0.14 | 49 | 157 | 476 | 29 | 664 | 1400 | 25 |
| 26 | 1400 | 0.03 | 73 | 0.12 | 1.37 | 19 | 2324 | 62 | 4.1 | 57 | 0.58 | 0.36 | 0.09 | 3.45 | 44 | 0.16 | 0.17 | 48 | 161 | 559 | 35 | 756 | 1400 | 26 |
| 27 | 1400 | 0.00 | 82 | 0.12 | 1.56 | 21 | 2458 | 59 | 4.7 | 59 | 0.69 | 0.41 | 0.09 | 3.67 | 47 | 0.19 | 0.20 | 47 | 165 | 655 | 40 | 862 | 1400 | 27 |
| 28 | 1400 | 0.09 | 92 | 0.16 | 1.85 | 25 | 2612 | 54 | 6.5 | 57 | 1.00 | 0.66 | 0.09 | 3.95 | 50 | 0.33 | 0.28 | 45 | 170 | 807 | 62 | 1041 | 1400 | 28 |
| 29 | 1400 | 0.02 | 46 | 0.17 | 1.88 | 25 | 2806 | 53 | 1.4 | 26 | 0.24 | 0.07 | 0.09 | 4.46 | 55 | 0.04 | 0.23 | 39 | 176 | 963 | 65 | 1205 | 1400 | 29 |
| 30 | 1400 | 0.13 | 64 | 0.21 | 1.98 | 27 | 2829 | 52 | 2.7 | 39 | 0.47 | 0.27 | 0.09 | 4.43 | 54 | 0.14 | 0.24 | 42 | 182 | 915 | 30 | 1128 | 1400 | 30 |
| 31 | 1400 | 0.09 | 87 | 0.25 | 2.23 | 30 | 2897 | 47 | 5.1 | 49 | 0.92 | 0.53 | 0.09 | 4.55 | 56 | 0.30 | 0.31 | 42 | 189 | 799 | 54 | 1044 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GULD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.204 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1971 |
| 1 | 1400 | 0.02 | 73 | 0.26 | 2.37 | 32 | 3057 | 45 | 3.1 | 39 | 0.61 | 0.25 | 0.09 | 4.94 | 59 | 0.15 | 0.31 | 37 | 197 | 894 | 74 | 1166 | 1400 | 1 |
| 2 | 1400 | 0.23 | 46 | 0.33 | 2.39 | 32 | 3136 | 45 | 0.9 | 17 | 0.19 | 0.14 | 0.09 | 5.07 | 61 | 0.08 | 0.27 | 36 | 205 | 979 | 44 | 1230 | 1400 | 2 |
| 3 | 1400 | 0.07 | 82 | 0.36 | 2.58 | 35 | 3147 | 41 | 3.7 | 41 | 0.77 | 0.37 | 0.09 | 5.08 | 61 | 0.23 | 0.32 | 40 | 215 | 885 | 43 | 1145 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.36 | 3.13 | 42 | 3255 | 35 | 9.7 | 41 | 2.10 | 0.87 | 0.09 | 5.32 | 63 | 0.55 | 0.59 | 36 | 226 | 1002 | 161 | 1390 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.36 | 3.96 | 54 | 3484 | 25 | 13.3 | 34 | 3.38 | 1.16 | 0.09 | 6.15 | 72 | 0.83 | 1.18 | 27 | 237 | 1696 | 667 | 2602 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.36 | 4.83 | 65 | 3811 | 17 | 13.4 | 25 | 4.17 | 1.03 | 0.09 | 7.40 | 84 | 0.86 | 2.02 | 18 | 250 | 2689 | 1834 | 4774 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.36 | 5.46 | 74 | 4132 | 13 | 11.5 | 17 | 4.05 | 0.68 | 0.09 | 8.28 | 93 | 0.63 | 2.65 | 10 | 263 | 3251 | 2860 | 6376 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.36 | 5.83 | 79 | 4389 | 10 | 8.0 | 13 | 3.02 | 0.38 | 0.09 | 8.57 | 96 | 0.37 | 2.84 | 10 | 277 | 3058 | 2459 | 5796 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.36 | 6.29 | 85 | 4539 | 7 | 11.9 | 10 | 4.72 | 0.48 | 0.09 | 8.64 | 96 | 0.47 | 3.60 | 10 | 293 | 2464 | 1889 | 4648 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.36 | 6.63 | 90 | 4729 | 5 | 11.6 | 7 | 4.79 | 0.34 | 0.09 | 8.79 | 98 | 0.34 | 4.25 | 10 | 310 | 1887 | 2141 | 4339 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.36 | 6.79 | 92 | 4866 | 4 | 7.9 | 5 | 3.35 | 0.17 | 0.09 | 8.84 | 98 | 0.16 | 4.22 | 10 | 328 | 1427 | 1546 | 3302 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 0.42 | 6.88 | 93 | 4935 | 3 | 5.1 | 4 | 2.21 | 0.15 | 0.09 | 8.82 | 98 | 0.14 | 3.86 | 10 | 346 | 1076 | 740 | 2164 | 1400 | 12 |
| 13 | 1400 | 0.00 | 97 | 0.42 | 6.90 | 93 | 4967 | 3 | 1.8 | 3 | 0.80 | 0.02 | 0.09 | 8.78 | 98 | 0.02 | 3.19 | 10 | 366 | 829 | 311 | 1507 | 1400 | 13 |
| 14 | 1400 | 0.06 | 98 | 0.48 | 6.94 | 94 | 4977 | 3 | 2.6 | 3 | 1.13 | 0.09 | 0.09 | 8.71 | 97 | 0.09 | 2.76 | 10 | 386 | 637 | 95 | 1119 | 1400 | 14 |
| 15 | 1400 | 0.57 | 87 | 0.96 | 6.94 | 94 | 4991 | 3 | 0.6 | 1 | 0.24 | 0.50 | 0.09 | 8.66 | 97 | 0.48 | 2.29 | 10 | 406 | 771 | 188 | 1366 | 1400 | 15 |
| 16 | 1400 | 0.00 | 99 | 0.96 | 6.98 | 94 | 4992 | 3 | 3.5 | 3 | 1.52 | 0.04 | 0.09 | 8.66 | 97 | 0.04 | 2.13 | 10 | 425 | 1339 | 256 | 2022 | 1400 | 16 |
| 17 | 1400 | 0.08 | 97 | 1.03 | 7.00 | 95 | 5055 | 3 | 1.4 | 2 | 0.62 | 0.09 | 0.09 | 8.62 | 96 | 0.09 | 1.81 | 10 | 444 | 1561 | 107 | 2114 | 1400 | 17 |
| 18 | 1400 | 0.02 | 100 | 1.05 | 7.05 | 95 | 5090 | 2 | 5.4 | 3 | 2.35 | 0.08 | 0.09 | 8.57 | 96 | 0.08 | 1.96 | 12 | 462 | 1142 | 107 | 1713 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 1.05 | 7.13 | 96 | 5230 | 2 | 8.3 | 2 | 3.64 | 0.08 | 0.09 | 8.59 | 96 | 0.08 | 2.46 | 10 | 478 | 705 | 217 | 1402 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.08 | 7.17 | 97 | 5416 | 1 | 5.9 | 2 | 2.60 | 0.07 | 0.09 | 8.68 | 97 | 0.07 | 2.54 | 10 | 493 | 492 | 275 | 1261 | 1400 | 20 |
| 21 | 1400 | 0.24 | 97 | 1.30 | 7.18 | 97 | 5519 | 1 | 0.7 | 1 | 0.29 | 0.24 | 0.09 | 8.69 | 97 | 0.23 | 2.09 | 10 | 506 | 504 | 205 | 1216 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.30 | 7.24 | 98 | 5526 | 1 | 11.0 | 1 | 4.85 | 0.07 | 0.09 | 8.65 | 96 | 0.06 | 2.95 | 10 | 517 | 733 | 216 | 1467 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.30 | 7.30 | 99 | 5684 | 1 | 14.9 | 1 | 6.62 | 0.06 | 0.09 | 8.78 | 98 | 0.06 | 4.37 | 10 | 526 | 790 | 333 | 1649 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.30 | 7.33 | 99 | 5835 | 0 | 13.6 | 1 | 6.08 | 0.03 | 0.09 | 8.91 | 99 | 0.03 | 5.07 | 10 | 532 | 518 | 320 | 1372 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.30 | 7.36 | 99 | 5915 | 0 | 15.6 | 0 | 6.97 | 0.02 | 0.09 | 8.89 | 99 | 0.02 | 5.73 | 10 | 536 | 242 | 206 | 986 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.30 | 7.37 | 100 | 5970 | 0 | 16.5 | 0 | 7.42 | 0.01 | 0.09 | 8.89 | 99 | 0.01 | 5.96 | 10 | 538 | 114 | 135 | 788 | 1400 | 26 |
| 27 | 1400 | 0.01 | 100 | 1.31 | 7.38 | 100 | 6001 | 0 | 12.3 | 0 | 5.53 | 0.02 | 0.09 | 8.88 | 99 | 0.01 | 5.37 | 10 | 538 | 60 | 94 | 694 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.31 | 7.38 | 100 | 6007 | 0 | 3.9 | 0 | 1.75 | 0.00 | 0.09 | 8.83 | 98 | 0.00 | 4.36 | 10 | 536 | 38 | 61 | 636 | 1400 | 28 |
| 29 | 1400 | 0.11 | 100 | 1.42 | 7.38 | 100 | 6009 | 0 | 3.9 | 0 | 1.75 | 0.11 | 0.09 | 8.75 | 97 | 0.11 | 3.58 | 10 | 531 | 79 | 77 | 689 | 1400 | 29 |
| 30 | 1400 | 0.88 | 98 | 2.26 | 7.38 | 100 | 6010 | 0 | 0.7 | 0 | 0.33 | 0.86 | 0.09 | 8.69 | 97 | 0.84 | 3.02 | 10 | 525 | 666 | 424 | 1616 | 1400 | 30 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1971 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1971 |
| 1 | 1400 | 0.87 | 98 | 3.08 | 7.38 | 100 | 6010 | 0 | 0.7 | 0 | 0.33 | 0.85 | 0.09 | 8.70 | 97 | 0.83 | 2.57 | 10 | 517 | 2318 | 876 | 3713 | 1400 | 1 |
| 2 | 1400 | 0.09 | 99 | 3.17 | 7.38 | 100 | 6010 | 0 | 1.8 | 0 | 0.81 | 0.09 | 0.10 | 8.71 | 97 | 0.09 | 2.09 | 10 | 508 | 3879 | 688 | 5075 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 3.17 | 7.38 | 100 | 6010 | 0 | 4.9 | 0 | 2.22 | 0.00 | 0.10 | 8.63 | 96 | 0.00 | 1.78 | 10 | 497 | 3565 | 171 | 4234 | 1400 | 3 |
| 4 | 1400 | 0.06 | 100 | 3.23 | 7.38 | 100 | 6011 | 0 | 8.1 | 0 | 3.63 | 0.06 | 0.10 | 8.56 | 96 | 0.06 | 1.63 | 12 | 485 | 1943 | 96 | 2526 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 3.23 | 7.38 | 100 | 6013 | 0 | 12.3 | 0 | 5.52 | 0.00 | 0.10 | 8.51 | 95 | 0.00 | 1.55 | 14 | 473 | 726 | 143 | 1343 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 3.23 | 7.38 | 100 | 6015 | 0 | 13.3 | 0 | 5.99 | 0.00 | 0.10 | 8.48 | 95 | 0.00 | 1.42 | 15 | 460 | 252 | 36 | 750 | 1400 | 6 |
| 7 | 1400 | 0.01 | 100 | 3.24 | 7.38 | 100 | 6016 | 0 | 10.2 | 0 | 4.58 | 0.01 | 0.10 | 8.43 | 94 | 0.01 | 1.21 | 16 | 446 | 90 | 20 | 558 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 3.24 | 7.38 | 100 | 6017 | 0 | 16.5 | 0 | 7.41 | 0.00 | 0.10 | 8.36 | 94 | 0.00 | 1.07 | 18 | 433 | 33 | 27 | 495 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 3.24 | 7.38 | 100 | 6017 | 0 | 17.5 | 0 | 7.88 | 0.00 | 0.10 | 8.30 | 93 | 0.00 | 0.91 | 19 | 419 | 17 | 7 | 445 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 3.24 | 7.38 | 100 | 6018 | 0 | 18.6 | 0 | 8.35 | 0.00 | 0.10 | 8.22 | 92 | 0.00 | 0.75 | 22 | 406 | 8 | 2 | 417 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 3.24 | 7.38 | 100 | 6018 | 0 | 19.6 | 0 | 8.82 | 0.00 | 0.10 | 8.14 | 91 | 0.00 | 0.61 | 24 | 392 | 3 | 0 | 397 | 1400 | 11 |
| 12 | 1400 | 0.06 | 100 | 3.29 | 7.38 | 100 | 6018 | 0 | 14.4 | 0 | 6.46 | 0.06 | 0.10 | 8.04 | 90 | 0.05 | 0.50 | 27 | 379 | 10 | 74 | 465 | 1400 | 12 |
| 13 | 1400 | 0.55 | 100 | 3.78 | 7.38 | 100 | 6018 | 0 | 10.2 | 0 | 4.58 | 0.55 | 0.10 | 7.96 | 90 | 0.49 | 0.50 | 29 | 365 | 149 | 678 | 1194 | 1400 | 13 |
| 14 | 1400 | 0.01 | 100 | 3.79 | 7.38 | 100 | 6018 | 0 | 11.2 | 0 | 5.05 | 0.01 | 0.10 | 7.99 | 90 | 0.01 | 0.40 | 29 | 352 | 444 | 1025 | 1822 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.79 | 7.38 | 100 | 6018 | 0 | 7.0 | 0 | 3.16 | 0.00 | 0.10 | 7.90 | 89 | 0.00 | 0.31 | 32 | 339 | 549 | 233 | 1123 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 3.79 | 7.38 | 100 | 6018 | 0 | 9.1 | 0 | 4.10 | 0.00 | 0.10 | 7.80 | 88 | 0.00 | 0.25 | 36 | 326 | 333 | 20 | 681 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.79 | 7.38 | 100 | 6018 | 0 | 10.2 | 0 | 4.58 | 0.00 | 0.10 | 7.70 | 87 | 0.00 | 0.19 | 41 | 314 | 112 | 1 | 428 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.79 | 7.38 | 100 | 6018 | 0 | 7.0 | 0 | 3.16 | 0.00 | 0.10 | 7.60 | 86 | 0.00 | 0.15 | 45 | 302 | 28 | 0 | 331 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 3.79 | 7.38 | 100 | 6018 | 0 | 11.2 | 0 | 5.05 | 0.00 | 0.10 | 7.50 | 85 | 0.00 | 0.12 | 47 | 291 | 5 | 0 | 298 | 1400 | 19 |
| 20 | 1400 | 0.19 | 100 | 3.95 | 7.38 | 100 | 6018 | 0 | 11.2 | 0 | 5.05 | 0.19 | 0.10 | 7.40 | 84 | 0.16 | 0.13 | 49 | 281 | 39 | 81 | 402 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.95 | 7.38 | 100 | 6018 | 0 | 4.9 | 0 | 2.22 | 0.00 | 0.10 | 7.36 | 84 | 0.00 | 0.10 | 49 | 271 | 131 | 148 | 552 | 1400 | 21 |
| 22 | 1400 | 0.02 | 100 | 3.97 | 7.38 | 100 | 6018 | 0 | 3.9 | 0 | 1.74 | 0.02 | 0.10 | 7.26 | 83 | 0.02 | 0.08 | 50 | 261 | 175 | 34 | 472 | 1400 | 22 |
| 23 | 1400 | 0.03 | 100 | 3.99 | 7.38 | 100 | 6018 | 0 | 7.0 | 0 | 3.16 | 0.03 | 0.10 | 7.16 | 82 | 0.02 | 0.07 | 52 | 252 | 130 | 12 | 395 | 1400 | 23 |
| 24 | 1400 | 0.23 | 100 | 4.18 | 7.38 | 100 | 6018 | 0 | 3.9 | 0 | 1.74 | 0.23 | 0.10 | 7.07 | 81 | 0.19 | 0.10 | 53 | 244 | 139 | 37 | 422 | 1400 | 24 |
| 25 | 1400 | 0.15 | 100 | 4.30 | 7.38 | 100 | 6018 | 0 | 7.0 | 0 | 3.16 | 0.15 | 0.10 | 7.05 | 80 | 0.12 | 0.10 | 50 | 236 | 285 | 80 | 603 | 1400 | 25 |
| 26 | 1400 | 0.08 | 100 | 4.36 | 7.38 | 100 | 6018 | 0 | 7.0 | 0 | 3.16 | 0.08 | 0.10 | 7.00 | 80 | 0.06 | 0.09 | 50 | 229 | 419 | 83 | 732 | 1400 | 26 |
| 27 | 1400 | 0.66 | 100 | 4.88 | 7.38 | 100 | 6018 | 0 | 2.8 | 0 | 1.27 | 0.66 | 0.10 | 6.93 | 79 | 0.52 | 0.19 | 51 | 222 | 553 | 119 | 896 | 1400 | 27 |
| 28 | 1400 | 0.13 | 100 | 4.99 | 7.38 | 100 | 6018 | 0 | 2.8 | 0 | 1.27 | 0.13 | 0.10 | 7.04 | 80 | 0.10 | 0.17 | 46 | 217 | 846 | 162 | 1226 | 1400 | 28 |
| 29 | 1400 | 0.22 | 100 | 5.16 | 7.38 | 100 | 6018 | 0 | 6.0 | 0 | 2.69 | 0.22 | 0.10 | 6.98 | 80 | 0.18 | 0.17 | 47 | 212 | 1024 | 102 | 1340 | 1400 | 29 |
| 30 | 1400 | 0.25 | 100 | 5.36 | 7.38 | 100 | 6018 | 0 | 6.0 | 0 | 2.69 | 0.25 | 0.10 | 6.95 | 80 | 0.20 | 0.18 | 47 | 208 | 907 | 141 | 1257 | 1400 | 30 |
| 31 | 1400 | 0.62 | 100 | 5.85 | 7.38 | 100 | 6018 | 0 | 7.0 | 0 | 3.16 | 0.62 | 0.10 | 6.94 | 79 | 0.49 | 0.22 | 46 | 206 | 877 | 287 | 1371 | 1400 | 31 |



FORM 14113
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
90981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG 1971 | | | | | | | | | | | | | | | | | | | | | | | | AUG 1971 |
| 1 | 1400 | 0.58 | 100 | 6.32 | 7.38 | 100 | 6018 | 0 | 9.1 | 0 | 4.10 | 0.58 | 0.10 | 7.04 | 80 | 0.47 | 0.29 | 42 | 205 | 1146 | 608 | 1960 | 1400 | 1 |
| 2 | 1400 | 0.42 | 100 | 6.66 | 7.38 | 100 | 6018 | 0 | 12.3 | 0 | 5.52 | 0.42 | 0.10 | 7.13 | 81 | 0.34 | 0.30 | 38 | 206 | 1419 | 862 | 2489 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 6.66 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.16 | 82 | 0.00 | 0.24 | 37 | 209 | 1315 | 668 | 2193 | 1400 | 3 |
| 4 | 1400 | 0.01 | 100 | 6.67 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 7.06 | 81 | 0.01 | 0.19 | 42 | 214 | 845 | 129 | 1190 | 1400 | 4 |
| 5 | 1400 | 0.14 | 100 | 6.78 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.10 | 6.97 | 80 | 0.11 | 0.17 | 46 | 221 | 409 | 19 | 651 | 1400 | 5 |
| 6 | 1400 | 0.84 | 100 | 7.44 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.84 | 0.10 | 6.91 | 79 | 0.67 | 0.28 | 46 | 231 | 496 | 83 | 812 | 1400 | 6 |
| 7 | 1400 | 0.58 | 100 | 7.91 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.58 | 0.10 | 7.07 | 81 | 0.46 | 0.32 | 39 | 243 | 1235 | 173 | 1652 | 1400 | 7 |
| 8 | 1400 | 0.95 | 100 | 8.68 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.95 | 0.10 | 7.15 | 81 | 0.77 | 0.41 | 36 | 257 | 2188 | 221 | 2668 | 1400 | 8 |
| 9 | 1400 | 1.32 | 100 | 9.78 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 1.32 | 0.10 | 7.30 | 83 | 1.10 | 0.56 | 32 | 273 | 3183 | 443 | 3900 | 1400 | 9 |
| 10 | 1400 | 1.43 | 100 | 11.00 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 1.43 | 0.10 | 7.51 | 85 | 1.22 | 0.70 | 28 | 291 | 4467 | 750 | 5509 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 11.00 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.70 | 87 | 0.00 | 0.55 | 25 | 312 | 5238 | 632 | 6184 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 11.00 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.60 | 86 | 0.00 | 0.43 | 28 | 335 | 4186 | 124 | 4646 | 1400 | 12 |
| 13 | 1400 | 0.57 | 100 | 11.48 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.57 | 0.10 | 7.50 | 85 | 0.48 | 0.44 | 31 | 361 | 2284 | 70 | 2716 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 11.48 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.56 | 86 | 0.00 | 0.35 | 31 | 389 | 1412 | 111 | 1913 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 11.48 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.46 | 85 | 0.00 | 0.27 | 35 | 420 | 1159 | 24 | 1604 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 11.48 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.36 | 84 | 0.00 | 0.22 | 39 | 452 | 648 | 1 | 1103 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 11.48 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.26 | 83 | 0.00 | 0.17 | 44 | 486 | 209 | 0 | 697 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 11.51 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.10 | 7.16 | 82 | 0.02 | 0.14 | 47 | 521 | 60 | 1 | 584 | 1400 | 18 |
| 19 | 1400 | 0.05 | 100 | 11.55 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 7.07 | 81 | 0.04 | 0.12 | 48 | 556 | 56 | 6 | 619 | 1400 | 19 |
| 20 | 1400 | 0.41 | 100 | 11.87 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.41 | 0.10 | 6.98 | 80 | 0.33 | 0.16 | 49 | 591 | 206 | 29 | 827 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 11.87 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 7.02 | 80 | 0.00 | 0.13 | 47 | 624 | 483 | 44 | 1152 | 1400 | 21 |
| 22 | 1400 | 0.08 | 100 | 11.94 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.08 | 0.10 | 6.92 | 79 | 0.06 | 0.11 | 49 | 656 | 579 | 14 | 1250 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 11.94 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.85 | 79 | 0.00 | 0.09 | 49 | 685 | 404 | 9 | 1099 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 11.94 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.75 | 78 | 0.00 | 0.07 | 51 | 712 | 206 | 1 | 921 | 1400 | 24 |
| 25 | 1400 | 0.62 | 100 | 12.41 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.62 | 0.10 | 6.65 | 77 | 0.47 | 0.16 | 53 | 735 | 240 | 32 | 1008 | 1400 | 25 |
| 26 | 1400 | 0.02 | 100 | 12.43 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 6.77 | 78 | 0.02 | 0.13 | 47 | 756 | 559 | 59 | 1375 | 1400 | 26 |
| 27 | 1400 | 0.02 | 100 | 12.44 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 6.68 | 77 | 0.02 | 0.10 | 49 | 773 | 713 | 15 | 1503 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 12.44 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.58 | 76 | 0.00 | 0.08 | 50 | 787 | 463 | 3 | 1254 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 12.44 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.48 | 75 | 0.00 | 0.06 | 52 | 797 | 178 | 0 | 977 | 1400 | 29 |
| 30 | 1400 | 0.00 | 98 | 12.44 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.38 | 74 | 0.00 | 0.05 | 54 | 805 | 54 | 0 | 860 | 1400 | 30 |
| 31 | 1400 | 0.17 | 100 | 12.56 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.17 | 0.10 | 6.28 | 73 | 0.12 | 0.07 | 55 | 810 | 51 | 7 | 870 | 1400 | 31 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
96981 6 MAY 1971 1400 0 SUSITNA HEP AUG 4-10 '71 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN=AR | ML=AR | %AR | ELEV | SCA | D=DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP 1971 | | | | | | | | | | | | | | | | | | | | | | | | SEP 1971 |
| 1 | 1400 | 0.37 | 97 | 12.83 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.36 | 0.10 | 6.25 | 73 | 0.26 | 0.11 | 53 | 812 | 218 | 31 | 1062 | 1400 | 1 |
| 2 | 1400 | 0.31 | 100 | 13.05 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.31 | 0.10 | 6.31 | 73 | 0.23 | 0.13 | 50 | 811 | 537 | 50 | 1399 | 1400 | 2 |
| 3 | 1400 | 0.04 | 99 | 13.08 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.33 | 73 | 0.03 | 0.11 | 48 | 808 | 756 | 38 | 1604 | 1400 | 3 |
| 4 | 1400 | 0.26 | 98 | 13.27 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.25 | 0.10 | 6.25 | 72 | 0.18 | 0.13 | 49 | 802 | 711 | 24 | 1539 | 1400 | 4 |
| 5 | 1400 | 0.56 | 87 | 13.62 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.49 | 0.10 | 6.25 | 73 | 0.35 | 0.18 | 49 | 795 | 689 | 51 | 1537 | 1400 | 5 |
| 6 | 1400 | 0.06 | 82 | 13.65 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 6.36 | 74 | 0.04 | 0.15 | 46 | 786 | 848 | 55 | 1690 | 1400 | 6 |
| 7 | 1400 | 0.00 | 92 | 13.65 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.28 | 73 | 0.00 | 0.11 | 48 | 777 | 808 | 15 | 1601 | 1400 | 7 |
| 8 | 1400 | 0.04 | 100 | 13.68 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.04 | 0.10 | 6.18 | 72 | 0.03 | 0.10 | 49 | 766 | 474 | 3 | 1245 | 1400 | 8 |
| 9 | 1400 | 0.09 | 100 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.09 | 0.10 | 6.10 | 71 | 0.06 | 0.09 | 50 | 755 | 220 | 8 | 985 | 1400 | 9 |
| 10 | 1400 | 0.00 | 87 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 6.04 | 70 | 0.00 | 0.07 | 51 | 744 | 162 | 9 | 916 | 1400 | 10 |
| 11 | 1400 | 0.00 | 73 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.94 | 69 | 0.00 | 0.05 | 53 | 732 | 133 | 1 | 868 | 1400 | 11 |
| 12 | 1400 | 0.00 | 92 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.84 | 68 | 0.00 | 0.04 | 55 | 721 | 70 | 0 | 791 | 1400 | 12 |
| 13 | 1400 | 0.00 | 97 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.74 | 67 | 0.00 | 0.03 | 56 | 709 | 22 | 0 | 732 | 1400 | 13 |
| 14 | 1400 | 0.01 | 99 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 5.64 | 66 | 0.01 | 0.03 | 57 | 697 | 7 | 0 | 705 | 1400 | 14 |
| 15 | 1400 | 0.00 | 73 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.54 | 65 | 0.00 | 0.02 | 57 | 685 | 7 | 0 | 694 | 1400 | 15 |
| 16 | 1400 | 0.00 | 98 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.44 | 64 | 0.00 | 0.02 | 58 | 673 | 8 | 0 | 682 | 1400 | 16 |
| 17 | 1400 | 0.00 | 87 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.34 | 63 | 0.00 | 0.01 | 58 | 660 | 5 | 0 | 666 | 1400 | 17 |
| 18 | 1400 | 0.00 | 73 | 13.75 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.24 | 62 | 0.00 | 0.01 | 59 | 647 | 1 | 0 | 649 | 1400 | 18 |
| 19 | 1400 | 0.03 | 46 | 13.76 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 5.14 | 61 | 0.01 | 0.01 | 59 | 633 | 2 | 0 | 637 | 1400 | 19 |
| 20 | 1400 | 0.80 | 87 | 14.18 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.70 | 0.10 | 5.05 | 61 | 0.42 | 0.10 | 59 | 619 | 127 | 25 | 772 | 1400 | 20 |
| 21 | 1400 | 0.45 | 97 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.44 | 0.10 | 5.30 | 63 | 0.28 | 0.14 | 50 | 604 | 514 | 64 | 1184 | 1400 | 21 |
| 22 | 1400 | 0.00 | 64 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.43 | 64 | 0.00 | 0.11 | 48 | 589 | 860 | 45 | 1496 | 1400 | 22 |
| 23 | 1400 | 0.00 | 54 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.33 | 63 | 0.00 | 0.08 | 50 | 573 | 747 | 8 | 1330 | 1400 | 23 |
| 24 | 1400 | 0.00 | 92 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.23 | 62 | 0.00 | 0.07 | 52 | 558 | 365 | 0 | 925 | 1400 | 24 |
| 25 | 1400 | 0.00 | 46 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.13 | 61 | 0.00 | 0.05 | 53 | 543 | 111 | 0 | 655 | 1400 | 25 |
| 26 | 1400 | 0.00 | 38 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 5.03 | 60 | 0.00 | 0.04 | 55 | 528 | 26 | 0 | 555 | 1400 | 26 |
| 27 | 1400 | 0.00 | 15 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.93 | 59 | 0.00 | 0.03 | 56 | 513 | 5 | 0 | 519 | 1400 | 27 |
| 28 | 1400 | 0.00 | 8 | 14.46 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.83 | 58 | 0.00 | 0.03 | 57 | 499 | 0 | 0 | 501 | 1400 | 28 |
| 29 | 1400 | 0.81 | 8 | 14.49 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.06 | 0.10 | 4.73 | 57 | 0.04 | 0.03 | 57 | 486 | 10 | 2 | 499 | 1400 | 29 |
| 30 | 1400 | 0.16 | 30 | 14.52 | 7.38 | 100 | 6018 | 0 | 0.0 | 0 | 0.00 | 0.05 | 0.10 | 4.73 | 57 | 0.03 | 0.03 | 57 | 474 | 43 | 5 | 523 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

FORM 1611-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 1.0 SUSITNA GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 MAY 71 1400 | 100. | | | 120. | | | 220. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 89. | | | 115. | | | 204. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 65. | | | 101. | | | 167. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 44. | | | 87. | | | 131. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 27. | | | 74. | | | 102. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 16. | | | 71. | | | 87. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 10. | | | 82. | | | 92. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 9. | | | 108. | | | 118. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 12. | | | 137. | | | 150. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 16. | | | 142. | | | 159. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 15. | | | 124. | | | 140. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 11. | | | 97. | | | 109. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 7. | | | 82. | | | 90. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 5. | | | 87. | | | 93. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 8. | | | 119. | | | 128. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 19. | | | 184. | | | 204. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 37. | | | 246. | | | 283. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 49. | | | 273. | | | 322. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 57. | | | 293. | | | 350. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 67. | | | 341. | | | 409. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 86. | | | 432. | | | 518. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 113. | | | 547. | | | 660. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 153. | | | 718. | | | 871. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 207. | | | 890. | | | 1,100. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 241. | | | 912. | | | 1,150. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 238. | | | 864. | | | 1,100. | | | 140 31 MAY 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 230. | | | 877. | | | 1,110. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 228. | | | 892. | | | 1,120. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 216. | | | 839. | | | 1,050. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 225. | | | 1,020. | | | 1,240. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 369. | | | 2,100. | | | 2,470. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 744. | | | 4,390. | | | 5,140. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 1,300. | | | 6,970. | | | 8,260. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 1,810. | | | 8,270. | | | 10,100. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 2,100. | | | 8,570. | | | 10,700. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 2,270. | | | 8,910. | | | 11,200. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 2,410. | | | 8,480. | | | 10,900. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 2,450. | | | 7,330. | | | 9,780. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 2,300. | | | 5,940. | | | 8,240. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 1,980. | | | 4,410. | | | 6,390. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 1,600. | | | 3,240. | | | 4,840. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 1,300. | | | 2,630. | | | 3,930. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 1,100. | | | 2,370. | | | 3,470. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 1,010. | | | 2,260. | | | 3,270. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 1,040. | | | 2,550. | | | 3,600. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 1,250. | | | 3,100. | | | 4,350. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 1,500. | | | 3,370. | | | 4,870. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 1,690. | | | 3,790. | | | 5,470. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 1,990. | | | 5,190. | | | 7,180. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 2,630. | | | 6,670. | | | 9,300. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 3,490. | | | 7,460. | | | 11,000. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 4,360. | | | 8,320. | | | 12,700. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 5,070. | | | 7,850. | | | 12,900. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 5,360. | | | 5,920. | | | 11,300. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 5,020. | | | 4,340. | | | 9,350. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 4,240. | | | 3,850. | | | 8,080. | | | 140 30 JUN 71 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 1.0 SUSITNA GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 71 1400 | 3,430. | | | 4,490. | | | 7,920. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 2,830. | | | 5,290. | | | 8,120. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 2,390. | | | 5,240. | | | 7,640. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 2,130. | | | 4,500. | | | 6,630. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 2,160. | | | 3,820. | | | 5,990. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 2,580. | | | 3,630. | | | 6,210. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 3,230. | | | 3,530. | | | 6,760. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 3,850. | | | 3,590. | | | 7,450. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 4,470. | | | 4,110. | | | 8,580. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 5,170. | | | 4,400. | | | 9,570. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 5,910. | | | 4,550. | | | 10,500. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 6,550. | | | 4,250. | | | 10,800. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 6,880. | | | 4,080. | | | 11,000. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 6,870. | | | 4,440. | | | 11,300. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 6,470. | | | 4,030. | | | 10,500. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 5,730. | | | 3,380. | | | 9,110. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 4,930. | | | 2,590. | | | 7,520. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 4,300. | | | 1,980. | | | 6,280. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 3,890. | | | 1,620. | | | 5,500. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 3,740. | | | 1,610. | | | 5,350. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 3,810. | | | 1,790. | | | 5,600. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 3,750. | | | 1,770. | | | 5,520. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 3,410. | | | 1,630. | | | 5,040. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 3,000. | | | 1,520. | | | 4,510. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 2,700. | | | 1,640. | | | 4,350. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 2,610. | | | 1,850. | | | 4,460. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 2,650. | | | 2,160. | | | 4,810. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 2,700. | | | 2,620. | | | 5,310. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 2,640. | | | 2,850. | | | 5,490. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 2,580. | | | 2,850. | | | 5,430. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 2,670. | | | 2,910. | | | 5,580. | | | 140 31 JUL 71 |

FORM 1411-3

PRINTED IN U.S.A.

SUSITNA HEP AUG 4-10 '71 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

STATION 1.0 SUSITNA GLACIER | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED

| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 71 1400 | 3,050. | | | 3,450. | | | 6,500. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 3,760. | | | 4,260. | | | 8,010. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 4,530. | | | 4,540. | | | 9,070. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 4,900. | | | 3,840. | | | 8,740. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 4,730. | | | 2,930. | | | 7,650. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 4,440. | | | 2,900. | | | 7,340. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 4,470. | | | 4,250. | | | 8,720. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 4,840. | | | 6,250. | | | 11,100. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 5,420. | | | 9,090. | | | 14,500. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 6,300. | | | 12,900. | | | 19,200. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 7,430. | | | 14,800. | | | 22,200. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 8,140. | | | 12,000. | | | 20,200. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 8,160. | | | 9,170. | | | 17,300. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 7,720. | | | 6,770. | | | 14,500. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 6,870. | | | 4,640. | | | 11,500. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 5,740. | | | 3,210. | | | 8,950. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 4,670. | | | 2,160. | | | 6,830. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 3,980. | | | 1,570. | | | 5,550. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 3,780. | | | 1,400. | | | 5,180. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 3,970. | | | 1,660. | | | 5,630. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 4,260. | | | 2,170. | | | 6,430. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 4,310. | | | 2,430. | | | 6,740. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 4,070. | | | 2,370. | | | 6,440. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 3,670. | | | 2,070. | | | 5,730. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 3,290. | | | 2,000. | | | 5,290. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 3,080. | | | 2,360. | | | 5,440. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 3,060. | | | 2,600. | | | 5,660. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 3,060. | | | 2,500. | | | 5,550. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 2,980. | | | 2,120. | | | 5,100. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 2,840. | | | 1,790. | | | 4,640. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 2,680. | | | 1,650. | | | 4,340. | | | 140 31 AUG 71 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 SEP 71 1400 | 2,590. | | | 1,800. | | | 4,380. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 2,550. | | | 2,170. | | | 4,720. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 2,550. | | | 2,530. | | | 5,080. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 2,460. | | | 2,640. | | | 5,100. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 2,210. | | | 2,620. | | | 4,830. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 1,830. | | | 2,590. | | | 4,420. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 1,420. | | | 2,420. | | | 3,850. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 1,090. | | | 2,120. | | | 3,200. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 923. | | | 1,820. | | | 2,740. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 925. | | | 1,640. | | | 2,570. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 929. | | | 1,520. | | | 2,450. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 833. | | | 1,400. | | | 2,240. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 690. | | | 1,290. | | | 1,980. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 605. | | | 1,200. | | | 1,810. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 599. | | | 1,150. | | | 1,750. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 612. | | | 1,120. | | | 1,730. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 607. | | | 1,080. | | | 1,690. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 578. | | | 1,050. | | | 1,630. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 509. | | | 1,020. | | | 1,530. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 422. | | | 1,130. | | | 1,550. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 410. | | | 1,520. | | | 1,930. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 498. | | | 1,930. | | | 2,420. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 579. | | | 1,990. | | | 2,560. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 535. | | | 1,710. | | | 2,240. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 445. | | | 1,330. | | | 1,770. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 352. | | | 1,050. | | | 1,400. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 258. | | | 887. | | | 1,140. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 168. | | | 799. | | | 968. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 99. | | | 748. | | | 848. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 54. | | | 715. | | | 769. | | | 140 30 SEP 71 |

FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | | | | DENALI DAMSITE 1260 SQ MI | | | |
| | | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 220. | | | 85. | | | 305. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 212. | | | 77. | | | 289. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 186. | | | 71. | | | 257. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 149. | | | 70. | | | 219. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 117. | | | 69. | | | 187. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 95. | | | 80. | | | 176. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 90. | | | 97. | | | 187. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 105. | | | 112. | | | 217. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 134. | | | 108. | | | 242. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 154. | | | 74. | | | 229. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 149. | | | 66. | | | 216. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 125. | | | 64. | | | 189. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 99. | | | 71. | | | 171. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 92. | | | 82. | | | 174. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 110. | | | 103. | | | 213. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 166. | | | 136. | | | 301. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 243. | | | 114. | | | 358. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 303. | | | 93. | | | 396. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 336. | | | 123. | | | 459. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 379. | | | 142. | | | 522. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 463. | | | 165. | | | 628. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 589. | | | 186. | | | 775. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 765. | | | 262. | | | 1,030. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 984. | | | 248. | | | 1,230. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 1,130. | | | 136. | | | 1,260. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 1,130. | | | 207. | | | 1,330. | | | 140 31 MAY 71 |

FORM 1413-3
PRINTED IN U.S.A.

SUSITNA HEP AUG 4-10 '71 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 1,100. | | | 259. | | | 1,360. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 1,110. | | | 169. | | | 1,280. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 1,090. | | | 158. | | | 1,250. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 1,150. | | | 393. | | | 1,540. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 1,850. | | | 857. | | | 2,710. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 3,800. | | | 1,480. | | | 5,280. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 6,700. | | | 2,030. | | | 8,730. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 9,170. | | | 2,140. | | | 11,300. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 10,400. | | | 2,440. | | | 12,800. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 10,900. | | | 3,090. | | | 14,000. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 11,000. | | | 2,990. | | | 14,000. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 10,300. | | | 2,490. | | | 12,800. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 9,010. | | | 1,790. | | | 10,800. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 7,310. | | | 1,340. | | | 8,650. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 5,610. | | | 1,560. | | | 7,170. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 4,390. | | | 1,710. | | | 6,100. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 3,700. | | | 1,490. | | | 5,190. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 3,370. | | | 1,720. | | | 5,090. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 3,430. | | | 2,630. | | | 6,070. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 3,970. | | | 2,770. | | | 6,740. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 4,610. | | | 2,220. | | | 6,830. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 5,170. | | | 3,380. | | | 8,550. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 6,330. | | | 4,080. | | | 11,200. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 8,240. | | | 4,150. | | | 12,400. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 10,100. | | | 3,770. | | | 13,900. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 11,800. | | | 3,120. | | | 14,900. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 12,800. | | | 1,980. | | | 14,800. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 12,100. | | | 1,050. | | | 13,200. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 10,300. | | | 1,070. | | | 11,400. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 8,720. | | | 2,690. | | | 11,400. | | | 140 30 JUN 71 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5<br>30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | STATION 8.0<br>LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | STATION 10.0<br>DENALI DAMSITE 1260 SQ MI | | |
|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 71 1400 | 8,000. | | 4,510. | | 12,500. | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 8,020. | | 3,390. | | 11,400. | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 7,860. | | 1,450. | | 9,330. | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 7,140. | | 1,160. | | 8,300. | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 6,310. | | 1,280. | | 7,590. | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 6,100. | | 1,130. | | 7,230. | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 6,490. | | 907. | | 7,390. | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 7,100. | | 1,000. | | 8,110. | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 8,010. | | 894. | | 8,900. | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 9,070. | | 794. | | 9,870. | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 10,000. | | 708. | | 10,700. | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 10,600. | | 820. | | 11,500. | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 10,900. | | 2,440. | | 13,300. | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 11,100. | | 1,580. | | 12,700. | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 10,900. | | 693. | | 11,600. | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 9,800. | | 456. | | 10,300. | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 8,310. | | 421. | | 8,730. | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 6,900. | | 393. | | 7,290. | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 5,890. | | 381. | | 6,270. | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 5,430. | | 1,000. | | 6,430. | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 5,470. | | 692. | | 6,170. | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 5,560. | | 425. | | 5,980. | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 5,280. | | 424. | | 5,700. | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 4,780. | | 784. | | 5,560. | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 4,430. | | 1,200. | | 5,630. | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 4,400. | | 906. | | 5,310. | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 4,640. | | 1,640. | | 6,270. | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 5,060. | | 2,130. | | 7,190. | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 5,400. | | 1,290. | | 6,700. | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 5,460. | | 1,260. | | 6,720. | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 5,500. | | 2,130. | | 7,630. | | 140 31 JUL 71 |

FORM 1611-3

PRINTED IN U.S.A.

SUSITNA HEP AUG 4-10 '71 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 5.5 30-100 ROUT DENALI GAGE TO DENALI DAMSITE LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | STATION 8.0 DENALI DAMSITE 1260 SQ MI | | | STATION 10.0 | | | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | |
| 1 AUG 71 1400 | 6,040. | | | 2,990. | | | 9,030. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 7,260. | | | 2,800. | | | 10,100. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 8,540. | | | 1,120. | | | 9,660. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 8,900. | | | 362. | | | 9,270. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 8,200. | | | 578. | | | 8,770. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 7,500. | | | 2,580. | | | 10,100. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 8,030. | | | 3,910. | | | 11,900. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 9,910. | | | 4,570. | | | 14,500. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 12,800. | | | 6,690. | | | 19,500. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 16,900. | | | 9,180. | | | 26,000. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 20,700. | | | 3,770. | | | 24,500. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 21,200. | | | 904. | | | 22,100. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 18,800. | | | 2,050. | | | 20,800. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 15,900. | | | 1,200. | | | 17,100. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 13,000. | | | 517. | | | 13,500. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 10,200. | | | 372. | | | 10,600. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 7,890. | | | 384. | | | 8,270. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 6,190. | | | 472. | | | 6,660. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 5,360. | | | 598. | | | 5,960. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 5,400. | | | 1,260. | | | 6,660. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 6,030. | | | 1,260. | | | 7,290. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 6,580. | | | 770. | | | 7,350. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 6,590. | | | 659. | | | 7,250. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 6,090. | | | 532. | | | 6,620. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 5,510. | | | 1,270. | | | 6,780. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 5,370. | | | 1,590. | | | 6,960. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 5,550. | | | 797. | | | 6,350. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 5,610. | | | 564. | | | 6,170. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 5,330. | | | 511. | | | 5,840. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 4,870. | | | 498. | | | 5,370. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 4,490. | | | 705. | | | 5,190. | | | 140 31 AUG 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5<br>30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | STATION 8.0 | | STATION 10.0<br>DENALI DAMSITE 1260 SQ MI<br>LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | |
|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 SEP 71 1400 | 4,360. | | | 1,070. | | | 5,430. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 4,550. | | | 1,430. | | | 5,980. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 4,900. | | | 1,130. | | | 6,030. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 5,090. | | | 902. | | | 5,990. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 4,970. | | | 1,260. | | | 6,230. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 4,630. | | | 1,180. | | | 5,810. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 4,140. | | | 635. | | | 4,770. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 3,530. | | | 503. | | | 4,030. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 2,970. | | | 594. | | | 3,560. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 2,650. | | | 590. | | | 3,240. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 2,510. | | | 459. | | | 2,970. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 2,340. | | | 426. | | | 2,770. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 2,110. | | | 419. | | | 2,530. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 1,890. | | | 423. | | | 2,320. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 1,780. | | | 422. | | | 2,200. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 1,740. | | | 405. | | | 2,150. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 1,710. | | | 395. | | | 2,110. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 1,660. | | | 386. | | | 2,050. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 1,580. | | | 376. | | | 1,950. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 1,540. | | | 803. | | | 2,340. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 1,740. | | | 1,420. | | | 3,160. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 2,180. | | | 1,090. | | | 3,270. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 2,490. | | | 475. | | | 2,970. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 2,400. | | | 337. | | | 2,740. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 2,010. | | | 320. | | | 2,330. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 1,590. | | | 313. | | | 1,900. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 1,270. | | | 307. | | | 1,580. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 1,060. | | | 302. | | | 1,360. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 908. | | | 297. | | | 1,210. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 808. | | | 292. | | | 1,100. | | | 140 30 SEP 71 |

FORM 1815
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 305. | | | 125. | | | 30. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 297. | | | 115. | | | 18. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 273. | | | 109. | | | 9. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 239. | | | 108. | | | 4. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 204. | | | 108. | | | 2. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 182. | | | 125. | | | 1. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 181. | | | 151. | | | 2. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 202. | | | 174. | | | 5. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 229. | | | 169. | | | 8. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 235. | | | 119. | | | 8. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 223. | | | 107. | | | 5. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 203. | | | 105. | | | 3. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 181. | | | 116. | | | 2. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 173. | | | 134. | | | 3. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 193. | | | 167. | | | 7. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 256. | | | 217. | | | 16. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 328. | | | 185. | | | 23. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 376. | | | 154. | | | 24. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 427. | | | 198. | | | 26. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 490. | | | 227. | | | 32. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 575. | | | 262. | | | 42. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 702. | | | 295. | | | 53. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 901. | | | 416. | | | 71. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 1,130. | | | 394. | | | 84. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 1,250. | | | 211. | | | 78. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 1,300. | | | 318. | | | 70. | | | 140 31 MAY 71 |

FORM 1311-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 12.5 100-300 RUUT DENALI DAMSITE TO SUS&MAC CONF FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 21.0 MACLAREN GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 71 1400 | 1,350. | | | 400. | | | 75. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 1,320. | | | 251. | | | 75. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 1,260. | | | 232. | | | 66. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 1,390. | | | 594. | | | 102. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 2,130. | | | 1,320. | | | 259. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 4,000. | | | 2,340. | | | 536. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 7,010. | | | 3,240. | | | 814. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 10,000. | | | 3,470. | | | 959. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 12,100. | | | 4,050. | | | 992. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 13,400. | | | 5,080. | | | 1,040. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 14,000. | | | 4,780. | | | 1,090. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 13,400. | | | 3,710. | | | 1,040. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 11,800. | | | 2,330. | | | 877. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 9,730. | | | 1,580. | | | 668. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 7,910. | | | 2,130. | | | 496. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 6,630. | | | 2,400. | | | 395. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 5,640. | | | 1,730. | | | 351. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 5,240. | | | 2,060. | | | 358. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 5,580. | | | 3,280. | | | 468. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 6,400. | | | 3,210. | | | 649. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 6,780. | | | 2,600. | | | 736. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 7,690. | | | 3,960. | | | 761. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 9,880. | | | 4,910. | | | 964. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 11,800. | | | 2,950. | | | 1,330. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 13,100. | | | 2,600. | | | 1,660. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 14,400. | | | 2,180. | | | 1,920. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 14,900. | | | 1,460. | | | 2,070. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 14,000. | | | 921. | | | 1,980. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 12,300. | | | 1,020. | | | 1,650. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 11,400. | | | 3,670. | | | 1,290. | | | 140 30 JUN 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 71 1400 | 12,000. | | | 6,780. | | | 1,020. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 12,000. | | | 5,150. | | | 838. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 10,400. | | | 1,890. | | | 730. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 8,810. | | | 1,170. | | | 755. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 7,940. | | | 1,250. | | | 951. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 7,410. | | | 1,120. | | | 1,260. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 7,310. | | | 969. | | | 1,510. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 7,750. | | | 1,040. | | | 1,690. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 8,510. | | | 941. | | | 1,910. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 9,390. | | | 855. | | | 2,160. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 10,300. | | | 785. | | | 2,380. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 11,100. | | | 1,050. | | | 2,510. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 12,400. | | | 3,480. | | | 2,480. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 13,000. | | | 2,410. | | | 2,340. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 12,200. | | | 1,010. | | | 2,090. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 10,900. | | | 632. | | | 1,800. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 9,500. | | | 585. | | | 1,600. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 8,010. | | | 562. | | | 1,500. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 6,780. | | | 546. | | | 1,440. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 6,350. | | | 1,350. | | | 1,490. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 6,300. | | | 1,060. | | | 1,520. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 6,070. | | | 653. | | | 1,390. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 5,840. | | | 638. | | | 1,190. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 5,630. | | | 1,120. | | | 1,080. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 5,600. | | | 1,690. | | | 1,050. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 5,470. | | | 1,320. | | | 1,090. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 5,790. | | | 2,280. | | | 1,130. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 6,730. | | | 2,960. | | | 1,[illegible]0. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 6,940. | | | 1,810. | | | 1,020. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 6,710. | | | 1,770. | | | 1,030. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 7,170. | | | 2,870. | | | 1,150. | | | 140 31 JUL 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 16.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 71 1400 | 8,330. | | | 4,130. | | | 1,360. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 9,540. | | | 3,920. | | | 1,640. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 9,860. | | | 1,730. | | | 1,810. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 9,470. | | | 553. | | | 1,740. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 9,020. | | | 561. | | | 1,580. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 9,430. | | | 1,830. | | | 1,540. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 11,000. | | | 2,930. | | | 1,610. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 13,200. | | | 3,300. | | | 1,710. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 17,000. | | | 4,670. | | | 1,850. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 22,800. | | | 6,450. | | | 2,080. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 25,300. | | | 3,510. | | | 2,330. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 23,300. | | | 930. | | | 2,410. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 21,500. | | | 2,360. | | | 2,380. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 19,000. | | | 1,720. | | | 2,260. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 15,300. | | | 675. | | | 1,960. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 12,100. | | | 432. | | | 1,630. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 9,440. | | | 436. | | | 1,430. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 7,470. | | | 528. | | | 1,400. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 6,310. | | | 677. | | | 1,500. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 6,310. | | | 1,430. | | | 1,650. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 6,970. | | | 1,560. | | | 1,690. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 7,320. | | | 930. | | | 1,600. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 7,300. | | | 808. | | | 1,450. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 6,940. | | | 656. | | | 1,310. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 6,700. | | | 1,620. | | | 1,230. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 6,870. | | | 2,110. | | | 1,230. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 6,650. | | | 1,060. | | | 1,260. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 6,260. | | | 762. | | | 1,240. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 6,000. | | | 702. | | | 1,190. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 5,600. | | | 699. | | | 1,120. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 5,280. | | | 993. | | | 1,030. | | | 140 31 AUG 71 |

FORM 1411-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5<br>100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | STATION 18.0<br>SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | STATION 21.0<br>MACLAREN GLACIER | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 SEP 71 1400 | 5,310. | | | 1,570. | | | 991. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 5,700. | | | 2,130. | | | 958. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 6,010. | | | 1,710. | | | 943. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 6,010. | | | 1,380. | | | 856. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 6,110. | | | 1,990. | | | 686. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 6,020. | | | 1,890. | | | 504. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 5,290. | | | 1,020. | | | 347. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 4,400. | | | 806. | | | 277. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 3,800. | | | 944. | | | 326. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 3,400. | | | 938. | | | 390. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 3,100. | | | 745. | | | 357. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 2,870. | | | 697. | | | 267. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 2,650. | | | 691. | | | 202. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 2,420. | | | 700. | | | 200. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 2,260. | | | 704. | | | 226. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 2,170. | | | 683. | | | 231. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 2,130. | | | 673. | | | 223. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 2,080. | | | 667. | | | 199. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 2,000. | | | 659. | | | 152. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 2,150. | | | 1,370. | | | 119. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 2,750. | | | 2,390. | | | 141. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 3,210. | | | 1,850. | | | 178. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 3,120. | | | 850. | | | 167. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 2,850. | | | 625. | | | 129. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 2,530. | | | 597. | | | 101. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 2,110. | | | 584. | | | 75. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 1,740. | | | 573. | | | 47. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 1,470. | | | 562. | | | 25. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 1,280. | | | 552. | | | 12. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 1,150. | | | 542. | | | 6. | | | 140 30 SEP 71 |

FORM 1411-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 80. | | | 110. | | | 110. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 72. | | | 91. | | | 105. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 68. | | | 77. | | | 92. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 65. | | | 70. | | | 79. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 62. | | | 65. | | | 71. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 68. | | | 70. | | | 67. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 76. | | | 79. | | | 70. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 95. | | | 102. | | | 82. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 101. | | | 109. | | | 97. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 100. | | | 108. | | | 107. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 91. | | | 96. | | | 105. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 77. | | | 81. | | | 95. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 75. | | | 77. | | | 84. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 78. | | | 82. | | | 79. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 103. | | | 110. | | | 87. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 134. | | | 150. | | | 113. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 141. | | | 165. | | | 146. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 164. | | | 188. | | | 169. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 177. | | | 203. | | | 189. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 207. | | | 240. | | | 213. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 253. | | | 295. | | | 253. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 327. | | | 381. | | | 319. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 477. | | | 548. | | | 436. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 495. | | | 580. | | | 548. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 518. | | | 596. | | | 585. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 566. | | | 636. | | | 613. | | | 140 31 MAY 71 |

FORM 1413
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUSMAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 540. | | | 615. | | | 624. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 495. | | | 570. | | | 597. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 515. | | | 581. | | | 578. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 755. | | | 857. | | | 700. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 1,540. | | | 1,800. | | | 1,270. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 2,480. | | | 3,020. | | | 2,360. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 3,190. | | | 4,000. | | | 3,500. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 3,320. | | | 4,280. | | | 4,140. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 3,870. | | | 4,860. | | | 4,570. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 4,090. | | | 5,140. | | | 5,000. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 3,510. | | | 4,600. | | | 4,870. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 2,940. | | | 3,980. | | | 4,290. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 2,340. | | | 3,220. | | | 3,600. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 1,920. | | | 2,590. | | | 2,910. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 1,620. | | | 2,120. | | | 2,350. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 1,420. | | | 1,820. | | | 1,970. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 1,300. | | | 1,650. | | | 1,740. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 1,370. | | | 1,730. | | | 1,690. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 1,590. | | | 2,060. | | | 1,890. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 1,670. | | | 2,320. | | | 2,180. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 1,620. | | | 2,360. | | | 2,340. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 2,010. | | | 2,770. | | | 2,560. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 2,690. | | | 3,650. | | | 3,210. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 2,990. | | | 4,320. | | | 3,980. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 3,260. | | | 4,930. | | | 4,620. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 3,470. | | | 5,390. | | | 5,160. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 3,210. | | | 5,280. | | | 5,340. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 2,460. | | | 4,440. | | | 4,860. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 2,130. | | | 3,770. | | | 4,110. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 2,300. | | | 3,590. | | | 3,680. | | | 140 30 JUN 71 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 71 1400 | 2,470. | | | 3,490. | | | 3,540. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 2,360. | | | 3,200. | | | 3,350. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 2,290. | | | 3,020. | | | 3,110. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 2,210. | | | 2,970. | | | 2,990. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 2,150. | | | 3,100. | | | 3,080. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 2,150. | | | 3,410. | | | 3,260. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 2,010. | | | 3,520. | | | 3,460. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 2,180. | | | 3,870. | | | 3,700. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 2,300. | | | 4,210. | | | 4,040. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 2,310. | | | 4,470. | | | 4,340. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 2,290. | | | 4,680. | | | 4,570. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 2,160. | | | 4,670. | | | 4,680. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 2,530. | | | 5,010. | | | 4,840. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 2,150. | | | 4,490. | | | 4,750. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 1,810. | | | 3,900. | | | 4,200. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 1,670. | | | 3,470. | | | 3,690. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 1,490. | | | 3,100. | | | 3,280. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 1,300. | | | 2,800. | | | 2,950. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 1,230. | | | 2,670. | | | 2,730. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 1,340. | | | 2,830. | | | 2,750. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 1,200. | | | 2,730. | | | 2,780. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 1,120. | | | 2,500. | | | 2,610. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 1,080. | | | 2,270. | | | 2,390. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 1,070. | | | 2,150. | | | 2,210. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 1,100. | | | 2,150. | | | 2,150. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 1,110. | | | 2,200. | | | 2,170. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 1,290. | | | 2,420. | | | 2,310. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 1,300. | | | 2,390. | | | 2,410. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 1,360. | | | 2,380. | | | 2,390. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 1,370. | | | 2,400. | | | 2,390. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 1,520. | | | 2,670. | | | 2,530. | | | 140 31 JUL 71 |

FORM 1417-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 71 1400 | 1,720. | | | 3,080. | | | 2,870. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 1,880. | | | 3,520. | | | 3,300. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 1,640. | | | 3,450. | | | 3,480. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 1,390. | | | 3,130. | | | 3,290. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 1,230. | | | 2,810. | | | 2,970. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 1,450. | | | 2,990. | | | 2,900. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 1,600. | | | 3,210. | | | 3,100. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 2,050. | | | 3,760. | | | 3,480. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 2,750. | | | 4,600. | | | 4,170. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 3,550. | | | 5,630. | | | 5,110. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 3,030. | | | 5,360. | | | 5,500. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 2,510. | | | 4,920. | | | 5,140. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 2,490. | | | 4,880. | | | 4,900. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 1,760. | | | 4,020. | | | 4,450. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 1,270. | | | 3,230. | | | 3,630. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 1,040. | | | 2,660. | | | 2,950. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 837. | | | 2,260. | | | 2,460. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 742. | | | 2,140. | | | 2,200. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 736. | | | 2,240. | | | 2,190. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 934. | | | 2,580. | | | 2,410. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 922. | | | 2,610. | | | 2,590. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 958. | | | 2,560. | | | 2,580. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 935. | | | 2,390. | | | 2,470. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 853. | | | 2,170. | | | 2,280. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 992. | | | 2,220. | | | 2,190. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 998. | | | 2,230. | | | 2,220. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 1,040. | | | 2,300. | | | 2,260. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 1,000. | | | 2,240. | | | 2,270. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 892. | | | 2,090. | | | 2,170. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 787. | | | 1,900. | | | 2,000. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 794. | | | 1,830. | | | 1,870. | | | 140 31 AUG 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 864. | | | 1,860. | | | 1,840. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 983. | | | 1,940. | | | 1,900. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 1,030. | | | 1,970. | | | 1,950. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 1,080. | | | 1,930. | | | 1,950. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 1,100. | | | 1,790. | | | 1,860. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 1,030. | | | 1,530. | | | 1,660. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 949. | | | 1,300. | | | 1,420. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 854. | | | 1,130. | | | 1,220. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 758. | | | 1,080. | | | 1,110. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 676. | | | 1,070. | | | 1,080. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 626. | | | 983. | | | 1,030. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 587. | | | 854. | | | 924. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 552. | | | 755. | | | 812. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 528. | | | 728. | | | 746. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 509. | | | 735. | | | 732. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 494. | | | 725. | | | 730. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 480. | | | 703. | | | 716. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 467. | | | 665. | | | 687. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 454. | | | 605. | | | 640. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 543. | | | 662. | | | 634. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 639. | | | 780. | | | 711. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 674. | | | 852. | | | 807. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 673. | | | 840. | | | 844. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 600. | | | 729. | | | 789. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 500. | | | 601. | | | 675. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 426. | | | 501. | | | 563. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 381. | | | 428. | | | 476. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 355. | | | 381. | | | 414. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 339. | | | 352. | | | 374. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 327. | | | 333. | | | 348. | | | 140 30 SEP 71 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 84. | | | 624. | | | 624. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 77. | | | 594. | | | 609. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 71. | | | 546. | | | 570. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 70. | | | 496. | | | 522. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 70. | | | 453. | | | 475. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 85. | | | 460. | | | 457. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 109. | | | 512. | | | 485. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 131. | | | 589. | | | 549. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 126. | | | 621. | | | 604. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 80. | | | 542. | | | 582. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 69. | | | 505. | | | 524. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 68. | | | 472. | | | 439. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 79. | | | 460. | | | 466. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 95. | | | 482. | | | 471. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 126. | | | 574. | | | 527. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 174. | | | 759. | | | 664. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 146. | | | 605. | | | 782. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 117. | | | 817. | | | 811. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 162. | | | 976. | | | 896. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 192. | | | 1,120. | | | 1,050. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 229. | | | 1,320. | | | 1,220. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 263. | | | 1,580. | | | 1,450. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 365. | | | 2,120. | | | 1,850. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 338. | | | 2,410. | | | 2,260. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 188. | | | 2,230. | | | 2,320. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 306. | | | 2,530. | | | 2,380. | | | 140 31 MAY 71 |

FORM 1613
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 395. | | | 2,770. | | | 2,650. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 255. | | | 2,430. | | | 2,600. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 239. | | | 2,310. | | | 2,370. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 618. | | | 3,310. | | | 2,810. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 1,310. | | | 6,040. | | | 4,670. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 2,150. | | | 10,900. | | | 8,440. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 2,810. | | | 16,600. | | | 13,700. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 2,850. | | | 20,500. | | | 18,500. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 3,320. | | | 24,000. | | | 22,200. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 4,060. | | | 27,600. | | | 25,800. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 3,530. | | | 27,200. | | | 27,400. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 2,880. | | | 24,300. | | | 25,800. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 1,920. | | | 19,700. | | | 22,000. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 1,630. | | | 15,800. | | | 17,800. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 2,180. | | | 14,600. | | | 15,200. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 2,390. | | | 13,400. | | | 14,000. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 1,590. | | | 10,700. | | | 12,000. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 1,760. | | | 10,600. | | | 10,700. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 2,120. | | | 12,900. | | | 11,800. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 1,300. | | | 13,100. | | | 13,000. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 1,240. | | | 13,000. | | | 13,000. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 1,820. | | | 16,000. | | | 14,500. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 1,690. | | | 19,700. | | | 17,900. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 1,210. | | | 19,900. | | | 19,800. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 1,030. | | | 21,400. | | | 20,700. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 837. | | | 22,600. | | | 22,000. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 655. | | | 22,300. | | | 22,400. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 490. | | | 20,200. | | | 21,300. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 711. | | | 18,100. | | | 19,200. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 2,550. | | | 21,300. | | | 19,700. | | | 140 30 JUN 71 |

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 71 1400 | 4,660. | | | 26,900. | | | 24,100. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 3,470. | | | 23,900. | | | 25,400. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 1,240. | | | 16,600. | | | 20,300. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 755. | | | 13,700. | | | 15,200. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 619. | | | 12,900. | | | 13,300. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 504. | | | 12,300. | | | 12,600. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 485. | | | 12,200. | | | 12,300. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 461. | | | 12,900. | | | 12,600. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 430. | | | 13,900. | | | 13,400. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 409. | | | 15,000. | | | 14,500. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 394. | | | 16,000. | | | 15,500. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 627. | | | 17,400. | | | 16,700. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 2,430. | | | 23,100. | | | 20,300. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 1,210. | | | 21,400. | | | 22,300. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 527. | | | 17,900. | | | 19,600. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 350. | | | 15,600. | | | 16,700. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 323. | | | 13,700. | | | 14,600. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 311. | | | 11,800. | | | 12,800. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 299. | | | 10,400. | | | 11,100. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 761. | | | 11,200. | | | 10,800. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 544. | | | 10,700. | | | 10,900. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 350. | | | 9,690. | | | 10,200. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 342. | | | 9,210. | | | 9,450. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 595. | | | 9,560. | | | 9,390. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 848. | | | 10,300. | | | 9,920. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 653. | | | 9,610. | | | 9,950. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 1,200. | | | 11,600. | | | 10,600. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 1,470. | | | 13,600. | | | 12,600. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 970. | | | 12,100. | | | 12,800. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 961. | | | 11,800. | | | 12,000. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 1,610. | | | 14,200. | | | 13,000. | | | 140 31 JUL 71 |

FORM 1611-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 71 1400 | 2,290. | | | 17,600. | | | 15,900. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 2,200. | | | 19,000. | | | 18,300. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 890. | | | 16,000. | | | 17,500. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 309. | | | 13,600. | | | 14,800. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 419. | | | 13,000. | | | 13,300. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 1,640. | | | 15,800. | | | 14,400. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 2,590. | | | 19,600. | | | 17,700. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 3,260. | | | 23,200. | | | 21,400. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 5,030. | | | 30,900. | | | 27,100. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 7,010. | | | 41,300. | | | 36,100. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 2,690. | | | 37,000. | | | 39,200. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 700. | | | 30,100. | | | 33,500. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 1,860. | | | 30,600. | | | 30,300. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 997. | | | 26,100. | | | 28,400. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 468. | | | 20,100. | | | 23,100. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 361. | | | 15,800. | | | 17,900. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 379. | | | 12,700. | | | 14,300. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 457. | | | 10,700. | | | 11,700. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 532. | | | 9,710. | | | 10,200. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 998. | | | 11,100. | | | 10,400. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 1,200. | | | 12,300. | | | 11,700. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 758. | | | 11,600. | | | 12,000. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 694. | | | 11,300. | | | 11,400. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 601. | | | 10,500. | | | 10,900. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 1,210. | | | 11,700. | | | 11,100. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 1,590. | | | 12,800. | | | 12,300. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 888. | | | 10,900. | | | 11,800. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 695. | | | 9,990. | | | 10,400. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 657. | | | 9,530. | | | 9,760. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 656. | | | 8,950. | | | 9,240. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 822. | | | 8,960. | | | 8,960. | | | 140 31 AUG 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 1,270. | | | 9,990. | | | 9,470. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 1,600. | | | 11,300. | | | 10,700. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 1,340. | | | 11,000. | | | 11,200. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 1,120. | | | 10,500. | | | 10,700. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 1,600. | | | 11,600. | | | 11,000. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 1,560. | | | 11,100. | | | 11,300. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 889. | | | 8,610. | | | 9,870. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 706. | | | 7,130. | | | 7,870. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 788. | | | 6,640. | | | 6,890. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 778. | | | 6,200. | | | 6,420. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 643. | | | 5,520. | | | 5,860. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 604. | | | 5,090. | | | 5,310. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 593. | | | 4,740. | | | 4,920. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 594. | | | 4,460. | | | 4,600. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 590. | | | 4,290. | | | 4,370. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 570. | | | 4,160. | | | 4,220. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 558. | | | 4,070. | | | 4,120. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 548. | | | 3,980. | | | 4,030. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 538. | | | 3,840. | | | 3,910. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 1,090. | | | 5,250. | | | 4,540. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 1,860. | | | 7,710. | | | 6,480. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 1,420. | | | 7,290. | | | 7,500. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 663. | | | 5,470. | | | 6,380. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 492. | | | 4,760. | | | 5,120. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 467. | | | 4,270. | | | 4,510. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 455. | | | 3,720. | | | 3,990. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 444. | | | 3,230. | | | 3,470. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 434. | | | 2,880. | | | 3,060. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 424. | | | 2,630. | | | 2,760. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 414. | | | 2,460. | | | 2,540. | | | 140 30 SEP 71 |

FORM 1417-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 | | | STATION 33.5 | | | STATION 34.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | TYONE RIVER BASIN 1047 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 18. | | | 18. | | | 140. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 362. | | | 25. | | | 147. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 622. | | | 103. | | | 156. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 453. | | | 367. | | | 160. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 457. | | | 476. | | | 166. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 859. | | | 559. | | | 171. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 584. | | | 686. | | | 181. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 622. | | | 648. | | | 208. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 363. | | | 542. | | | 254. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 263. | | | 403. | | | 306. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 120. | | | 275. | | | 332. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 78. | | | 181. | | | 354. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 63. | | | 121. | | | 404. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 47. | | | 88. | | | 497. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 61. | | | 69. | | | 633. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 98. | | | 63. | | | 808. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 297. | | | 82. | | | 1,030. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 101. | | | 137. | | | 1,260. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 59. | | | 158. | | | 1,420. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 18. | | | 111. | | | 1,590. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 22. | | | 66. | | | 1,810. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 10. | | | 43. | | | 2,110. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 63. | | | 32. | | | 2,480. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 48. | | | 31. | | | 3,010. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 190. | | | 41. | | | 3,550. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 125. | | | 73. | | | 3,600. | | | 140 31 MAY 71 |

FORM 1115
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 31. | | | 106. | | | 3,470. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 291. | | | 114. | | | 3,550. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 92. | | | 139. | | | 3,610. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 4. | | | 144. | | | 3,620. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 1. | | | 90. | | | 3,720. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 0. | | | 47. | | | 3,920. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 0. | | | 26. | | | 4,010. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 0. | | | 16. | | | 3,880. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 0. | | | 11. | | | 3,620. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 0. | | | 8. | | | 3,400. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 0. | | | 6. | | | 3,220. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 75. | | | 4. | | | 3,060. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 1. | | | 5. | | | 2,940. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 76. | | | 8. | | | 2,880. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 722. | | | 31. | | | 2,740. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 7. | | | 161. | | | 2,730. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 106. | | | 211. | | | 2,890. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 27. | | | 121. | | | 2,700. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 1. | | | 74. | | | 2,240. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 38. | | | 49. | | | 1,860. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 304. | | | 45. | | | 1,620. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 3. | | | 78. | | | 1,500. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 2. | | | 99. | | | 1,470. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 1. | | | 66. | | | 1,460. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 0. | | | 35. | | | 1,460. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 0. | | | 21. | | | 1,470. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 12. | | | 14. | | | 1,490. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 0. | | | 10. | | | 1,520. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 139. | | | 8. | | | 1,530. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 1,110. | | | 35. | | | 1,540. | | | 140 30 JUN 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 71 1400 | 1,100. | | | 382. | | | 1,590. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 144. | | | 754. | | | 1,730. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 19. | | | 304. | | | 1,840. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 81. | | | 111. | | | 1,770. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 2. | | | 70. | | | 1,620. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 1. | | | 50. | | | 1,560. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 12. | | | 34. | | | 1,600. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 0. | | | 23. | | | 1,710. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 0. | | | 17. | | | 1,860. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 0. | | | 12. | | | 2,020. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 0. | | | 9. | | | 2,160. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 76. | | | 7. | | | 2,270. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 697. | | | 16. | | | 2,330. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 19. | | | 114. | | | 2,380. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 5. | | | 176. | | | 2,400. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 1. | | | 90. | | | 2,330. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 0. | | | 44. | | | 2,200. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 0. | | | 25. | | | 2,060. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 0. | | | 15. | | | 1,950. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 241. | | | 12. | | | 1,860. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 2. | | | 23. | | | 1,780. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 26. | | | 46. | | | 1,730. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 38. | | | 49. | | | 1,670. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 292. | | | 53. | | | 1,610. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 193. | | | 101. | | | 1,560. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 105. | | | 167. | | | 1,540. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 832. | | | 240. | | | 1,520. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 176. | | | 428. | | | 1,500. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 288. | | | 362. | | | 1,530. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 322. | | | 284. | | | 1,530. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 782. | | | 391. | | | 1,520. | | | 140 31 JUL 71 |

FORM 1613-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 98 SQ MI | | | STATION 33.5 530-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 71 1400 | 737. | | | 630. | | | 1,570. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | [illegible] | | | 681. | | | 1,700. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 20. | | | 433. | | | 1,860. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 15. | | | 191. | | | 1,980. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 115. | | | 88. | | | 2,050. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 692. | | | 104. | | | 2,160. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 483. | | | 311. | | | 2,370. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 785. | | | 578. | | | 2,680. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 1,080. | | | 801. | | | 3,000. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 1,180. | | | 1,060. | | | 3,350. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 56. | | | 749. | | | 3,730. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 30. | | | 280. | | | 4,030. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 716. | | | 161. | | | 4,060. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 15. | | | 297. | | | 4,030. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 10. | | | 212. | | | 4,160. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 2. | | | 85. | | | 4,340. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | [illegible] | | | 41. | | | 4,500. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 38. | | | 24. | | | 4,680. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 63. | | | 19. | | | 4,860. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 519. | | | 34. | | | 4,990. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 6. | | | 120. | | | 5,080. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 105. | | | 176. | | | 5,100. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 2. | | | 116. | | | 5,010. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 1. | | | 63. | | | 4,820. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 781. | | | 70. | | | 4,570. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 34. | | | 206. | | | 4,330. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 32. | | | 226. | | | 4,120. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 2. | | | 102. | | | 3,860. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 1. | | | 50. | | | 3,570. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 0. | | | 29. | | | 3,320. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 215. | | | 22. | | | 3,110. | | | 140 31 AUG 71 |

FORM 1413

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 33.5 TYONE RIVER BASIN 1047 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 34.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 470. | | | 49. | | | 2,950. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 397. | | | 196. | | | 2,860. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 58. | | | 305. | | | 2,810. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 333. | | | 239. | | | 2,750. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 708. | | | 308. | | | 2,670. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 88. | | | 422. | | | 2,630. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 8. | | | 242. | | | 2,640. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 53. | | | 102. | | | 2,620. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 115. | | | 64. | | | 2,590. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 1. | | | 59. | | | 2,610. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 1. | | | 55. | | | 2,680. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 0. | | | 39. | | | 2,760. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 0. | | | 26. | | | 2,850. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 12. | | | 17. | | | 2,930. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 0. | | | 12. | | | 2,990. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 0. | | | 9. | | | 3,030. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 0. | | | 7. | | | 3,040. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 0. | | | 6. | | | 3,010. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 38. | | | 5. | | | 2,950. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 1,010. | | | 11. | | | 2,880. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 579. | | | 177. | | | 2,820. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 15. | | | 430. | | | 2,820. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 7. | | | 200. | | | 2,770. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 1. | | | 76. | | | 2,640. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 0. | | | 37. | | | 2,500. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 0. | | | 22. | | | 2,430. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 0. | | | 14. | | | 2,420. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 0. | | | 9. | | | 2,460. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 0. | | | 7. | | | 2,520. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 203. | | | 6. | | | 2,600. | | | 140 30 SEP 71 |

FORM 1413-S
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 782. | | | 782. | | | 158. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 781. | | | 782. | | | 164. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 829. | | | 805. | | | 215. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 1,050. | | | 938. | | | 244. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 1,120. | | | 1,080. | | | 216. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 1,190. | | | 1,150. | | | 335. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 1,350. | | | 1,270. | | | 537. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 1,400. | | | 1,380. | | | 728. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 1,400. | | | 1,400. | | | 686. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 1,290. | | | 1,350. | | | 357. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 1,130. | | | 1,210. | | | 304. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 1,020. | | | 1,080. | | | 312. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 992. | | | 1,010. | | | 471. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 1,060. | | | 1,020. | | | 673. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 1,230. | | | 1,140. | | | 880. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 1,540. | | | 1,380. | | | 1,200. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 1,906. | | | 1,720. | | | 1,140. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 2,210. | | | 2,050. | | | 1,060. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 2,480. | | | 2,340. | | | 1,380. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 2,740. | | | 2,610. | | | 1,660. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 3,100. | | | 2,920. | | | 2,000. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 3,600. | | | 3,350. | | | 2,330. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 4,360. | | | 3,980. | | | 3,120. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 5,300. | | | 4,830. | | | 2,960. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 5,910. | | | 5,600. | | | 2,060. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 6,050. | | | 5,980. | | | 2,950. | | | 140 31 MAY 71 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 6,230. | | | 6,140. | | | 3,470. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 6,260. | | | 6,240. | | | 2,770. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 6,120. | | | 6,190. | | | 2,780. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 6,570. | | | 6,350. | | | 4,930. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 8,480. | | | 7,530. | | | 8,840. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 12,400. | | | 10,400. | | | 12,600. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 17,700. | | | 15,100. | | | 13,100. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 22,400. | | | 20,100. | | | 9,490. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 25,900. | | | 24,200. | | | 10,700. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 29,200. | | | 27,500. | | | 8,640. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 30,600. | | | 29,900. | | | 5,420. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 28,800. | | | 29,700. | | | 4,320. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 24,900. | | | 26,900. | | | 3,220. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 20,600. | | | 22,800. | | | 2,910. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 18,000. | | | 19,300. | | | 5,120. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 16,900. | | | 17,400. | | | 5,720. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 15,200. | | | 16,000. | | | 3,180. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 13,500. | | | 14,300. | | | 2,880. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 14,100. | | | 13,800. | | | 2,780. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 14,900. | | | 14,500. | | | 2,250. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 14,700. | | | 14,8 | | | 2,720. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 16,100. | | | 15,4 | | | 3,420. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 19,400. | | | 17,70 | | | 2,160. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 21,300. | | | 20,40 | | | 1,340. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 22,200. | | | 21,700. | | | 1,040. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 23,500. | | | 22,800. | | | 793. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 24,000. | | | 23,700. | | | 676. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 22,800. | | | 23,400. | | | 469. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 20,700. | | | 21,800. | | | 1,020. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 21,300. | | | 21,000. | | | 5,460. | | | 140 30 JUN 71 |

FORM 1617-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 35.0 COLLECTION ONE MI ABV CONFL OF OSHET & SUS FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 37.5 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(0) FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 71 1400 | 26,100. | | | 23,700. | | | 10,700. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 27,900. | | | 27,000. | | | 7,750. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 22,400. | | | 25,200. | | | 2,230. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 17,100. | | | 19,700. | | | 971. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 15,000. | | | 16,000. | | | 580. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 14,200. | | | 14,600. | | | 369. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 13,900. | | | 14,000. | | | 393. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 14,300. | | | 14,100. | | | 345. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 15,300. | | | 14,800. | | | 305. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 16,500. | | | 15,900. | | | 281. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 17,700. | | | 17,100. | | | 260. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 19,000. | | | 18,300. | | | 712. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 22,600. | | | 20,800. | | | 4,030. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 24,800. | | | 23,700. | | | 2,070. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 22,200. | | | 23,500. | | | 622. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 19,200. | | | 20,700. | | | 253. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 16,900. | | | 18,000. | | | 234. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 14,900. | | | 15,900. | | | 246. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 13,100. | | | 14,000. | | | 255. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 12,700. | | | 12,900. | | | 1,020. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 12,800. | | | 12,700. | | | 820. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 12,000. | | | 12,400. | | | 437. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 11,200. | | | 11,600. | | | 439. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 11,000. | | | 11,100. | | | 987. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 11,600. | | | 11,300. | | | 1,580. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 11,700. | | | 11,600. | | | 1,240. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 12,400. | | | 12,000. | | | 2,510. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 14,500. | | | 13,400. | | | 3,280. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 14,700. | | | 14,600. | | | 2,250. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 13,800. | | | 14,300. | | | 2,370. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 14,900. | | | 14,400. | | | 4,030. | | | 140 31 JUL 71 |

FORM 1613-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 71 1400 | 18,100. | | | 16,500. | | | 5,800. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 20,700. | | | 19,400. | | | 5,770. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 19,800. | | | 20,200. | | | 2,740. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 17,000. | | | 18,400. | | | 1,600. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 15,400. | | | 16,200. | | | 1,880. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 16,600. | | | 16,000. | | | 4,040. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 20,400. | | | 18,500. | | | 5,720. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 24,700. | | | 22,500. | | | 6,660. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 30,900. | | | 27,800. | | | 9,540. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 40,500. | | | 35,700. | | | 13,300. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 43,600. | | | 42,100. | | | 6,400. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 37,800. | | | 40,700. | | | 2,940. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 34,500. | | | 36,200. | | | 4,170. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 32,700. | | | 33,600. | | | 5,190. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 27,500. | | | 30,100. | | | 3,030. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 22,400. | | | 24,900. | | | 2,480. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 18,800. | | | 20,600. | | | 2,400. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 16,400. | | | 17,600. | | | 2,380. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 15,100. | | | 15,700. | | | 2,430. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 15,500. | | | 15,300. | | | 3,270. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 16,900. | | | 16,200. | | | 3,490. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 17,200. | | | 17,100. | | | 2,260. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 16,600. | | | 16,900. | | | 1,910. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 15,800. | | | 16,200. | | | 1,510. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 15,700. | | | 15,700. | | | 2,780. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 16,800. | | | 16,300. | | | 3,530. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 16,200. | | | 16,500. | | | 1,780. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 14,400. | | | 15,300. | | | 1,250. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 13,400. | | | 13,900. | | | 1,100. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 12,600. | | | 13,000. | | | 1,040. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 12,100. | | | 12,300. | | | 1,380. | | | 140 31 AUG 71 |

FORM 1611-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 SEP 71 1400 | 12,500. | | | 12,300. | | | 2,410. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 13,700. | | | 13,100. | | | 3,170. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 14,300. | | | 14,000. | | | 2,530. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 13,700. | | | 14,000. | | | 2,020. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 14,000. | | | 13,900. | | | 3,360. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 14,400. | | | 14,200. | | | 3,430. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 12,800. | | | 13,600. | | | 1,720. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 10,600. | | | 11,700. | | | 1,270. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 9,540. | | | 10,100. | | | 1,530. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 9,090. | | | 9,310. | | | 1,550. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 8,590. | | | 8,840. | | | 1,240. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 8,110. | | | 8,350. | | | 1,150. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 7,780. | | | 7,950. | | | 1,100. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 7,550. | | | 7,670. | | | 1,060. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 7,300. | | | 7,460. | | | 994. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 7,260. | | | 7,320. | | | 882. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 7,160. | | | 7,210. | | | 785. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 7,040. | | | 7,100. | | | 695. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 6,870. | | | 6,950. | | | 640. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 7,430. | | | 7,150. | | | 2,130. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 9,480. | | | 8,460. | | | 4,040. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 10,800. | | | 10,100. | | | 2,800. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 9,360. | | | 10,100. | | | 971. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 7,830. | | | 8,590. | | | 657. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 7,050. | | | 7,440. | | | 710. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 6,440. | | | 6,750. | | | 777. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 5,910. | | | 6,170. | | | 820. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 5,520. | | | 5,720. | | | 836. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 5,280. | | | 5,400. | | | 907. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 5,150. | | | 5,210. | | | 1,010. | | | 140 30 SEP 71 |

FORM 1815-C
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 6 MAY 71 1400 | 940. | | | 940. | | | 466. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 945. | | | 943. | | | 460. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 1,020. | | | 983. | | | 454. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 1,180. | | | 1,100. | | | 466. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 1,300. | | | 1,240. | | | 475. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 1,490. | | | 1,390. | | | 503. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 1,810. | | | 1,650. | | | 603. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 2,110. | | | 1,960. | | | 762. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 2,090. | | | 2,100. | | | 889. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 1,700. | | | 1,900. | | | 830. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 1,520. | | | 1,610. | | | 651. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 1,390. | | | 1,450. | | | 515. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 1,480. | | | 1,430. | | | 496. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 1,700. | | | 1,590. | | | 571. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 2,020. | | | 1,860. | | | 713. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 2,580. | | | 2,300. | | | 916. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 2,860. | | | 2,720. | | | 1,060. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 3,110. | | | 2,990. | | | 1,030. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 3,720. | | | 3,420. | | | 995. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 4,270. | | | 4,000. | | | 1,080. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 4,920. | | | 4,590. | | | 1,250. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 5,680. | | | 5,300. | | | 1,430. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 7,100. | | | 6,390. | | | 1,760. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 7,790. | | | 7,450. | | | 2,080. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 7,660. | | | 7,730. | | | 1,970. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 8,930. | | | 8,300. | | | 1,780. | | | 140 31 MAY 71 |

FORM 1413-3

PRINTED IN U.S.A.

SUSITNA HEP AUG 4-10 '71 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 71 1400 | 9,610. | | | 9,270. | | | 1,960. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 9,010. | | | 9,310. | | | 2,060. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 8,270. | | | 8,990. | | | 1,860. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 11,300. | | | 10,100. | | | 2,210. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 16,400. | | | 13,800. | | | 4,140. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 23,000. | | | 19,700. | | | 7,990. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 28,200. | | | 25,600. | | | 12,800. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 29,600. | | | 28,900. | | | 15,500. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 34,900. | | | 32,200. | | | 16,200. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 36,200. | | | 35,500. | | | 17,300. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 35,300. | | | 35,700. | | | 14,500. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 34,000. | | | 34,700. | | | 9,830. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 30,100. | | | 32,100. | | | 6,660. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 25,700. | | | 27,900. | | | 4,510. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 24,400. | | | 25,100. | | | 4,390. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 23,100. | | | 23,800. | | | 5,730. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 19,200. | | | 21,200. | | | 5,980. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 17,200. | | | 18,200. | | | 5,080. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 16,600. | | | 16,900. | | | 4,970. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 16,700. | | | 16,600. | | | 5,290. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 17,500. | | | 17,100. | | | 4,940. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 18,800. | | | 18,200. | | | 5,600. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 19,900. | | | 19,400. | | | 6,970. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 21,700. | | | 20,800. | | | 6,210. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 22,800. | | | 22,300. | | | 4,280. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 23,600. | | | 23,200. | | | 3,409. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 24,400. | | | 24,000. | | | 2,810. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 23,800. | | | 24,100. | | | 2,270. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 22,800. | | | 23,300. | | | 2,090. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 26,500. | | | 24,600. | | | 4,500. | | | 140 30 JUN 71 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
6 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 71 1400 | 34,300. | | | 30,400. | | | 10,600. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 34,800. | | | 34,600. | | | 14,300. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 27,400. | | | 31,100. | | | 12,700. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 20,700. | | | 24,100. | | | 7,600. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 16,600. | | | 18,700. | | | 4,100. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 15,000. | | | 15,800. | | | 2,630. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 14,400. | | | 14,700. | | | 2,060. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 14,500. | | | 14,400. | | | 1,800. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 15,100. | | | 14,800. | | | 1,670. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 16,200. | | | 15,600. | | | 1,550. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 17,300. | | | 16,800. | | | 1,440. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 19,100. | | | 18,200. | | | 1,680. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 24,900. | | | 22,000. | | | 4,480. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 25,800. | | | 25,300. | | | 7,040. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 24,100. | | | 24,900. | | | 4,560. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 20,900. | | | 22,500. | | | 2,750. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 18,300. | | | 19,600. | | | 1,620. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 16,100. | | | 17,200. | | | 1,190. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 14,200. | | | 15,200. | | | 1,050. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 13,900. | | | 14,000. | | | 1,540. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 13,500. | | | 13,700. | | | 2,240. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 12,800. | | | 13,200. | | | 1,860. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 12,000. | | | 12,400. | | | 1,500. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 12,100. | | | 12,100. | | | 1,540. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 12,900. | | | 12,500. | | | 2,220. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 12,900. | | | 12,900. | | | 2,760. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 14,500. | | | 13,700. | | | 3,260. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 16,700. | | | 15,600. | | | 4,340. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 16,900. | | | 16,800. | | | 4,790. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 16,600. | | | 16,700. | | | 4,360. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 16,400. | | | 17,500. | | | 4,530. | | | 140 31 JUL 71 |

FORM 1411-3
PRINTED IN U.S.A.

SUSITNA HEP AUG 4-10 '71 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

STATION 40.0 STATION 42.5 STATION 48.0

SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

400-500 ROUT VEE DAMSITE TO WATANA DAMSITE

| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 71 1400 | 22,300. | | | 20,300. | | | 6,360. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 25,200. | | | 23,700. | | | 8,280. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 23,000. | | | 24,100. | | | 7,590. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 20,000. | | | 21,500. | | | 4,420. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 18,100. | | | 19,000. | | | 2,410. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 20,100. | | | 19,100. | | | 2,930. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 24,200. | | | 22,200. | | | 5,900. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 29,200. | | | 26,700. | | | 9,400. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 37,300. | | | 33,300. | | | 13,700. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 49,000. | | | 43,100. | | | 20,500. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 48,500. | | | 48,700. | | | 22,100. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 43,700. | | | 46,100. | | | 13,100. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 40,300. | | | 42,000. | | | 7,950. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 38,800. | | | 39,600. | | | 6,580. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 33,100. | | | 36,000. | | | 3,970. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 27,400. | | | 30,300. | | | 2,540. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 23,000. | | | 25,200. | | | 1,760. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 20,000. | | | 21,500. | | | 1,610. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 18,200. | | | 19,100. | | | 1,810. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 18,500. | | | 18,300. | | | 2,550. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 19,700. | | | 19,100. | | | 3,530. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 19,300. | | | 19,500. | | | 3,670. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 18,800. | | | 19,100. | | | 3,220. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 17,700. | | | 18,200. | | | 2,690. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 18,500. | | | 18,100. | | | 3,020. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 19,800. | | | 19,200. | | | 4,200. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 18,300. | | | 19,000. | | | 4,540. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 16,500. | | | 17,400. | | | 3,760. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 15,000. | | | 15,800. | | | 2,900. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 14,000. | | | 14,500. | | | 2,540. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 13,700. | | | 13,900. | | | 2,610. | | | 140 31 AUG 71 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 40.0 SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 42.5 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 14,700. | | | 14,200. | | | 3,210. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 16,300. | | | 15,500. | | | 4,220. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 16,500. | | | 16,400. | | | 4,860. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 16,000. | | | 16,300. | | | 4,610. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 17,200. | | | 16,600. | | | 4,560. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 17,600. | | | 17,400. | | | 4,950. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 15,300. | | | 16,500. | | | 4,650. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 12,900. | | | 14,100. | | | 3,630. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 11,600. | | | 12,300. | | | 2,920. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 10,900. | | | 11,200. | | | 2,750. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 10,100. | | | 10,500. | | | 2,620. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 9,500. | | | 9,790. | | | 2,390. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 9,050. | | | 9,280. | | | 2,210. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 8,730. | | | 8,890. | | | 2,130. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 8,460. | | | 8,590. | | | 2,090. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 8,200. | | | 8,330. | | | 2,060. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 8,000. | | | 8,100. | | | 2,010. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 7,800. | | | 7,900. | | | 1,960. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 7,590. | | | 7,690. | | | 1,920. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 9,280. | | | 8,430. | | | 2,280. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 12,500. | | | 10,900. | | | 3,420. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 12,900. | | | 12,700. | | | 4,310. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 11,000. | | | 12,000. | | | 3,860. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 9,250. | | | 10,100. | | | 2,720. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 8,150. | | | 8,700. | | | 1,950. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 7,520. | | | 7,840. | | | 1,660. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 6,990. | | | 7,260. | | | 1,560. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 6,550. | | | 6,770. | | | 1,500. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 6,310. | | | 6,430. | | | 1,460. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 6,230. | | | 6,270. | | | 1,430. | | | 140 30 SEP 71 |

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 50.0 WATANA DAM SITE 5180 SQ MI | | | STATION 52.5 | | | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | |
| | | | | 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | | | | |
| 6 MAY 71 1900 | 1,410. | | | 1,410. | | | 280. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 1,400. | | | 1,400. | | | 281. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 1,440. | | | 1,420. | | | 291. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 1,570. | | | 1,500. | | | 315. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 1,720. | | | 1,640. | | | 327. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 1,900. | | | 1,810. | | | 356. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 2,250. | | | 2,070. | | | 455. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 2,720. | | | 2,480. | | | 616. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 2,990. | | | 2,850. | | | 734. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 2,730. | | | 2,860. | | | 671. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 2,260. | | | 2,490. | | | 498. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 1,970. | | | 2,110. | | | 368. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 1,930. | | | 1,950. | | | 354. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 2,160. | | | 2,040. | | | 436. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 2,570. | | | 2,370. | | | 576. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 3,220. | | | 2,900. | | | 758. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 3,780. | | | 3,500. | | | 882. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 4,010. | | | 3,900. | | | 867. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 4,410. | | | 4,210. | | | 853. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 5,080. | | | 4,750. | | | 948. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 5,840. | | | 5,460. | | | 1,120. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 6,730. | | | 6,290. | | | 1,310. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 8,150. | | | 7,440. | | | 1,610. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 9,530. | | | 8,840. | | | 1,880. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 9,700. | | | 9,610. | | | 1,760. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 10,100. | | | 9,890. | | | 1,590. | | | 140 31 MAY 71 |

FORM 1611-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI

| DATE-HOUR | STATION 50.0 WATANA DAM SITE 5180 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 52.5 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 71 1400 | 11,200. | | | 10,700. | | | 1,760. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 11,400. | | | 11,300. | | | 1,870. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 10,800. | | | 11,100. | | | 1,730. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 12,300. | | | 11,600. | | | 2,120. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 18,000. | | | 15,100. | | | 4,030. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 27,700. | | | 22,800. | | | 7,710. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 38,500. | | | 33,100. | | | 11,100. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 44,400. | | | 41,400. | | | 11,000. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 48,400. | | | 46,400. | | | 9,370. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 52,800. | | | 50,600. | | | 9,020. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 50,300. | | | 51,600. | | | 6,970. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 44,500. | | | 47,400. | | | 4,520. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 38,700. | | | 41,600. | | | 3,060. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 32,400. | | | 35,600. | | | 2,200. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 29,500. | | | 30,900. | | | 2,540. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 29,500. | | | 29,500. | | | 3,670. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 27,100. | | | 28,300. | | | 3,840. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 23,300. | | | 25,200. | | | 3,140. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 21,900. | | | 22,600. | | | 2,670. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 21,900. | | | 21,900. | | | 2,480. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 22,100. | | | 22,000. | | | 2,350. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 23,800. | | | 22,900. | | | 2,790. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 26,300. | | | 25,000. | | | 3,210. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 27,000. | | | 26,700. | | | 2,710. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 26,500. | | | 26,800. | | | 1,950. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 26,600. | | | 26,600. | | | 1,540. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 26,800. | | | 26,700. | | | 1,320. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 26,400. | | | 26,600. | | | 1,180. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 25,400. | | | 25,900. | | | 1,220. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 29,100. | | | 27,300. | | | 2,790. | | | 140 30 JUN 71 |

FORM 1613-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA DAM SITE 5180 SQ MI | | | STATION 52.5 | | | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 500-600 ROUT WATANA DAM-DEVILS CANYON DAMS) | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 71 1400 | 41,000. | | | 35,100. | | | 6,550. | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 49,400. | | | 45,200. | | | 9,200. | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 43,700. | | | 46,500. | | | 7,860. | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 31,600. | | | 37,700. | | | 4,700. | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 22,800. | | | 27,200. | | | 2,480. | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 18,400. | | | 20,600. | | | 1,440. | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 16,700. | | | 17,600. | | | 1,080. | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 16,200. | | | 16,500. | | | 943. | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 16,500. | | | 16,400. | | | 855. | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 17,200. | | | 16,800. | | | 800. | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 18,200. | | | 17,700. | | | 759. | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 19,900. | | | 19,000. | | | 884. | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 26,400. | | | 23,200. | | | 2,150. | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 32,400. | | | 29,400. | | | 3,360. | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 29,500. | | | 30,900. | | | 2,350. | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 25,300. | | | 27,400. | | | 1,470. | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 21,200. | | | 23,200. | | | 877. | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 18,400. | | | 19,800. | | | 647. | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 16,200. | | | 17,300. | | | 571. | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 15,600. | | | 15,900. | | | 745. | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 15,900. | | | 15,800. | | | 1,030. | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 15,000. | | | 15,500. | | | 934. | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 13,900. | | | 14,500. | | | 777. | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 13,600. | | | 13,700. | | | 795. | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 14,700. | | | 14,200. | | | 1,120. | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 15,600. | | | 15,200. | | | 1,390. | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 16,900. | | | 16,300. | | | 1,670. | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 19,900. | | | 18,400. | | | 2,270. | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 21,600. | | | 20,800. | | | 2,550. | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 21,100. | | | 21,300. | | | 2,350. | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 22,000. | | | 21,600. | | | 2,480. | | | 140 31 JUL 71 |

FORM 1417-5

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA DAM SITE 5180 SQ MI | | | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 71 1400 | 25,700. | | | 24,400. | | | 3,480. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 32,000. | | | 29,400. | | | 4,510. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 31,700. | | | 31,800. | | | 4,160. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 25,900. | | | 28,800. | | | 2,450. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 21,400. | | | 23,700. | | | 1,390. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 22,000. | | | 21,700. | | | 1,800. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 28,100. | | | 25,000. | | | 3,660. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 36,100. | | | 32,100. | | | 5,880. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 47,000. | | | 41,500. | | | 8,750. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 63,600. | | | 55,300. | | | 13,300. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 70,800. | | | 67,200. | | | 14,100. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 59,100. | | | 65,000. | | | 7,890. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 50,000. | | | 54,500. | | | 4,770. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 46,200. | | | 48,100. | | | 4,020. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 39,900. | | | 43,000. | | | 2,370. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 32,800. | | | 36,400. | | | 1,540. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 26,900. | | | 29,900. | | | 1,120. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 23,100. | | | 25,000. | | | 1,050. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 20,900. | | | 22,000. | | | 1,180. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 20,900. | | | 20,900. | | | 1,630. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 22,600. | | | 21,800. | | | 2,210. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 23,200. | | | 22,900. | | | 2,260. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 22,300. | | | 22,700. | | | 2,000. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 20,900. | | | 21,600. | | | 1,700. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 21,100. | | | 21,000. | | | 1,920. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 23,400. | | | 22,200. | | | 2,620. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 23,600. | | | 23,500. | | | 2,800. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 21,200. | | | 22,400. | | | 2,340. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 18,700. | | | 19,900. | | | 1,830. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 17,000. | | | 17,800. | | | 1,630. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 16,500. | | | 16,800. | | | 1,670. | | | 140 31 AUG 71 |

FORM 1413-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI

| DATE-HOUR | STATION 50.0 WATANA DAM SITE 5180 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 52.5 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 17,400. | | | 16,900. | | | 2,030. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 19,700. | | | 18,600. | | | 2,640. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 21,300. | | | 20,500. | | | 3,030. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 20,900. | | | 21,100. | | | 2,860. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 21,200. | | | 21,000. | | | 2,860. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 22,400. | | | 21,800. | | | 3,150. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 21,100. | | | 21,700. | | | 2,990. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 17,800. | | | 19,400. | | | 2,330. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 15,200. | | | 16,500. | | | 1,860. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 14,000. | | | 14,600. | | | 1,730. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 13,100. | | | 13,500. | | | 1,640. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 12,200. | | | 12,600. | | | 1,500. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 11,500. | | | 11,800. | | | 1,390. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 11,000. | | | 11,200. | | | 1,340. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 10,700. | | | 10,900. | | | 1,310. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 10,400. | | | 10,500. | | | 1,290. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 10,100. | | | 10,200. | | | 1,260. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 9,860. | | | 9,980. | | | 1,230. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 9,610. | | | 9,730. | | | 1,200. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 10,700. | | | 10,200. | | | 1,440. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 14,300. | | | 12,500. | | | 2,190. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 17,000. | | | 15,700. | | | 2,760. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 15,800. | | | 16,400. | | | 2,460. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 12,900. | | | 14,300. | | | 1,720. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 10,700. | | | 11,800. | | | 1,220. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 9,500. | | | 10,100. | | | 1,040. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 8,820. | | | 9,160. | | | 971. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 8,280. | | | 8,550. | | | 936. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 7,890. | | | 8,080. | | | 915. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 7,690. | | | 7,790. | | | 910. | | | 140 30 SEP 71 |

FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 MAY 71 1400 | 1,690. | | | 154. | | | 1,690. | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 1,680. | | | 159. | | | 1,690. | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 1,710. | | | 182. | | | 1,700. | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 1,820. | | | 221. | | | 1,760. | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 1,970. | | | 245. | | | 1,890. | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 2,160. | | | 267. | | | 2,060. | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 2,530. | | | 329. | | | 2,340. | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 3,100. | | | 430. | | | 2,810. | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 3,590. | | | 504. | | | 3,340. | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 3,530. | | | 462. | | | 3,560. | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 2,990. | | | 348. | | | 3,260. | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 2,480. | | | 261. | | | 2,740. | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 2,300. | | | 250. | | | 2,390. | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 2,480. | | | 303. | | | 2,390. | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 2,940. | | | 392. | | | 2,710. | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 3,650. | | | 508. | | | 3,300. | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 4,380. | | | 598. | | | 4,020. | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 4,760. | | | 611. | | | 4,570. | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 5,070. | | | 613. | | | 4,910. | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 5,690. | | | 664. | | | 5,380. | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 6,580. | | | 756. | | | 6,140. | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 7,590. | | | 862. | | | 7,090. | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 9,050. | | | 1,040. | | | 8,320. | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 10,700. | | | 1,200. | | | 9,880. | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 11,400. | | | 1,130. | | | 11,000. | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 11,500. | | | 1,040. | | | 11,400. | | | 140 31 MAY 71 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 71 1400 | 12,400. | | | 1,170. | | | 11,900. | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 13,200. | | | 1,230. | | | 12,800. | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 12,800. | | | 1,150. | | | 13,000. | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 13,700. | | | 1,390. | | | 13,300. | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 19,200. | | | 2,600. | | | 16,400. | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 30,500. | | | 4,770. | | | 24,900. | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 44,200. | | | 6,380. | | | 37,400. | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 52,400. | | | 5,800. | | | 48,300. | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 55,800. | | | 4,650. | | | 54,100. | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 59,700. | | | 4,340. | | | 57,700. | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 58,500. | | | 3,300. | | | 59,100. | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 51,900. | | | 2,160. | | | 55,200. | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 44,700. | | | 1,510. | | | 48,300. | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 37,800. | | | 1,120. | | | 41,200. | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 33,500. | | | 1,370. | | | 35,600. | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 33,200. | | | 2,020. | | | 33,300. | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 32,200. | | | 2,110. | | | 32,700. | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 28,400. | | | 1,710. | | | 30,300. | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 25,200. | | | 1,400. | | | 26,800. | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 24,400. | | | 1,260. | | | 24,800. | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 24,300. | | | 1,220. | | | 24,400. | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 25,700. | | | 1,470. | | | 25,000. | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 28,200. | | | 1,650. | | | 27,000. | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 29,400. | | | 1,370. | | | 28,800. | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 28,700. | | | 986. | | | 29,100. | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 28,100. | | | 788. | | | 28,400. | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 28,000. | | | 694. | | | 28,100. | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 27,800. | | | 636. | | | 27,900. | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 27,100. | | | 689. | | | 27,500. | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 30,000. | | | 1,620. | | | 28,600. | | | 140 30 JUN 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI | | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | HOUR-DATE |
|---|---|---|---|---|---|---|---|
| | FLOW CFS | GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET / STORAGE ACRE-FEET | |
| 1 JUL 71 1400 | 41,600. | | 3,710. | | 35,800. | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 54,400. | | 5,080. | | 48,000. | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 54,400. | | 4,230. | | 54,400. | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 42,400. | | 2,530. | | 48,400. | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 29,700. | | 1,340. | | 36,000. | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 22,000. | | 750. | | 25,800. | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 18,700. | | 558. | | 20,300. | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 17,400. | | 495. | | 18,000. | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 17,200. | | 445. | | 17,300. | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 17,600. | | 417. | | 17,400. | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 18,500. | | 397. | | 18,000. | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 19,900. | | 465. | | 19,200. | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 25,300. | | 1,190. | | 22,600. | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 32,800. | | 1,820. | | 29,000. | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 33,300. | | 1,120. | | 33,000. | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 28,900. | | 681. | | 31,100. | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 24,100. | | 428. | | 26,500. | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 20,400. | | 331. | | 22,300. | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 17,900. | | 298. | | 19,200. | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 16,600. | | 402. | | 17,300. | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 16,800. | | 552. | | 16,700. | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 16,400. | | 472. | | 16,600. | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 15,200. | | 395. | | 15,800. | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 14,500. | | 422. | | 14,900. | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 15,300. | | 603. | | 14,900. | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 16,600. | | 732. | | 15,900. | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 18,000. | | 896. | | 17,300. | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 20,700. | | 1,230. | | 19,300. | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 23,300. | | 1,340. | | 22,000. | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 23,700. | | 1,260. | | 23,500. | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 24,100. | | 1,370. | | 23,900. | | 140 31 JUL 71 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI | | | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 AUG 71 1400 | 27,800. | | | 1,960. | | | 25,900. | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 33,900. | | | 2,490. | | | 30,900. | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 36,000. | | | 2,190. | | | 34,900. | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 31,200. | | | 1,190. | | | 33,600. | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 25,000. | | | 651. | | | 28,100. | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 23,500. | | | 812. | | | 24,300. | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 28,700. | | | 1,650. | | | 26,100. | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 38,000. | | | 2,670. | | | 33,300. | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 50,300. | | | 3,900. | | | 44,100. | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 68,500. | | | 5,510. | | | 59,400. | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 81,300. | | | 6,180. | | | 74,900. | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 72,900. | | | 4,650. | | | 77,100. | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 59,300. | | | 2,720. | | | 66,100. | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 52,100. | | | 1,910. | | | 55,700. | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 45,400. | | | 1,600. | | | 48,700. | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 37,900. | | | 1,100. | | | 41,600. | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 31,000. | | | 697. | | | 34,400. | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 26,100. | | | 584. | | | 28,500. | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 23,200. | | | 619. | | | 24,600. | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 22,500. | | | 827. | | | 22,800. | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 24,000. | | | 1,150. | | | 23,200. | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 25,200. | | | 1,250. | | | 24,600. | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 24,700. | | | 1,100. | | | 25,000. | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 23,300. | | | 921. | | | 24,000. | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 22,900. | | | 1,010. | | | 23,100. | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 24,900. | | | 1,370. | | | 23,900. | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 26,300. | | | 1,500. | | | 25,600. | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 24,700. | | | 1,250. | | | 25,500. | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 21,700. | | | 977. | | | 23,200. | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 19,500. | | | 860. | | | 20,600. | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 18,400. | | | 870. | | | 19,000. | | | 140 31 AUG 71 |

FORM 1815

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 19,000. | | | 1,060. | | | 18,700. | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 21,200. | | | 1,400. | | | 20,100. | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 23,500. | | | 1,600. | | | 22,300. | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 23,900. | | | 1,540. | | | 23,700. | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 23,900. | | | 1,540. | | | 23,900. | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 24,900. | | | 1,690. | | | 24,400. | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 24,700. | | | 1,600. | | | 24,800. | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 21,800. | | | 1,250. | | | 23,200. | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 18,300. | | | 985. | | | 20,000. | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 16,300. | | | 916. | | | 17,300. | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 15,200. | | | 868. | | | 15,700. | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 14,100. | | | 791. | | | 14,700. | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 13,200. | | | 732. | | | 13,700. | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 12,600. | | | 705. | | | 12,900. | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 12,200. | | | 694. | | | 12,400. | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 11,800. | | | 682. | | | 12,000. | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 11,500. | | | 666. | | | 11,700. | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 11,200. | | | 649. | | | 11,400. | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 10,900. | | | 637. | | | 11,100. | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 11,600. | | | 772. | | | 11,300. | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 14,700. | | | 1,180. | | | 13,200. | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 13,400. | | | 1,500. | | | 16,600. | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 18,900. | | | 1,330. | | | 18,600. | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 16,100. | | | 925. | | | 17,500. | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 13,000. | | | 655. | | | 14,500. | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 11,100. | | | 555. | | | 12,000. | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 10,100. | | | 519. | | | 10,600. | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 9,480. | | | 501. | | | 9,810. | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 9,000. | | | 499. | | | 9,240. | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 8,700. | | | 523. | | | 8,850. | | | 140 30 SEP 71 |

FORM 1113

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 MAY 71 1400 | 1,840. | | | | | | | | | 140 6 MAY 71 |
| 7 MAY 71 1400 | 1,840. | | | | | | | | | 140 7 MAY 71 |
| 8 MAY 71 1400 | 1,880. | | | | | | | | | 140 8 MAY 71 |
| 9 MAY 71 1400 | 1,980. | | | | | | | | | 140 9 MAY 71 |
| 10 MAY 71 1400 | 2,140. | | | | | | | | | 140 10 MAY 71 |
| 11 MAY 71 1400 | 2,330. | | | | | | | | | 140 11 MAY 71 |
| 12 MAY 71 1400 | 2,670. | | | | | | | | | 140 12 MAY 71 |
| 13 MAY 71 1400 | 3,240. | | | | | | | | | 140 13 MAY 71 |
| 14 MAY 71 1400 | 3,850. | | | | | | | | | 140 14 MAY 71 |
| 15 MAY 71 1400 | 4,020. | | | | | | | | | 140 15 MAY 71 |
| 16 MAY 71 1400 | 3,610. | | | | | | | | | 140 16 MAY 71 |
| 17 MAY 71 1400 | 3,000. | | | | | | | | | 140 17 MAY 71 |
| 18 MAY 71 1400 | 2,640. | | | | | | | | | 140 18 MAY 71 |
| 19 MAY 71 1400 | 2,690. | | | | | | | | | 140 19 MAY 71 |
| 20 MAY 71 1400 | 3,100. | | | | | | | | | 140 20 MAY 71 |
| 21 MAY 71 1400 | 3,800. | | | | | | | | | 140 21 MAY 71 |
| 22 MAY 71 1400 | 4,620. | | | | | | | | | 140 22 MAY 71 |
| 23 MAY 71 1400 | 5,180. | | | | | | | | | 140 23 MAY 71 |
| 24 MAY 71 1400 | 5,530. | | | | | | | | | 140 24 MAY 71 |
| 25 MAY 71 1400 | 6,040. | | | | | | | | | 140 25 MAY 71 |
| 26 MAY 71 1400 | 6,890. | | | | | | | | | 140 26 MAY 71 |
| 27 MAY 71 1400 | 7,950. | | | | | | | | | 140 27 MAY 71 |
| 28 MAY 71 1400 | 9,360. | | | | | | | | | 140 28 MAY 71 |
| 29 MAY 71 1400 | 11,100. | | | | | | | | | 140 29 MAY 71 |
| 30 MAY 71 1400 | 12,200. | | | | | | | | | 140 30 MAY 71 |
| 31 MAY 71 1400 | 12,500. | | | | | | | | | 140 31 MAY 71 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 71 1400 | 13,100. | | | | | | | | | 140 1 JUN 71 |
| 2 JUN 71 1400 | 14,000. | | | | | | | | | 140 2 JUN 71 |
| 3 JUN 71 1400 | 14,200. | | | | | | | | | 140 3 JUN 71 |
| 4 JUN 71 1400 | 14,700. | | | | | | | | | 140 4 JUN 71 |
| 5 JUN 71 1400 | 19,000. | | | | | | | | | 140 5 JUN 71 |
| 6 JUN 71 1400 | 29,600. | | | | | | | | | 140 6 JUN 71 |
| 7 JUN 71 1400 | 43,700. | | | | | | | | | 140 7 JUN 71 |
| 8 JUN 71 1400 | 54,100. | | | | | | | | | 140 8 JUN 71 |
| 9 JUN 71 1400 | 58,700. | | | | | | | | | 140 9 JUN 71 |
| 10 JUN 71 1400 | 62,100. | | | | | | | | | 140 10 JUN 71 |
| 11 JUN 71 1400 | 62,400. | | | | | | | | | 140 11 JUN 71 |
| 12 JUN 71 1400 | 57,400. | | | | | | | | | 140 12 JUN 71 |
| 13 JUN 71 1400 | 49,800. | | | | | | | | | 140 13 JUN 71 |
| 14 JUN 71 1400 | 42,500. | | | | | | | | | 140 14 JUN 71 |
| 15 JUN 71 1400 | 37,000. | | | | | | | | | 140 15 JUN 71 |
| 16 JUN 71 1400 | 35,300. | | | | | | | | | 140 16 JUN 71 |
| 17 JUN 71 1400 | 34,800. | | | | | | | | | 140 17 JUN 71 |
| 18 JUN 71 1400 | 32,000. | | | | | | | | | 140 18 JUN 71 |
| 19 JUN 71 1400 | 28,200. | | | | | | | | | 140 19 JUN 71 |
| 20 JUN 71 1400 | 26,100. | | | | | | | | | 140 20 JUN 71 |
| 21 JUN 71 1400 | 25,600. | | | | | | | | | 140 21 JUN 71 |
| 22 JUN 71 1400 | 26,500. | | | | | | | | | 140 22 JUN 71 |
| 23 JUN 71 1400 | 28,600. | | | | | | | | | 140 23 JUN 71 |
| 24 JUN 71 1400 | 30,200. | | | | | | | | | 140 24 JUN 71 |
| 25 JUN 71 1400 | 30,000. | | | | | | | | | 140 25 JUN 71 |
| 26 JUN 71 1400 | 29,200. | | | | | | | | | 140 26 JUN 71 |
| 27 JUN 71 1400 | 28,800. | | | | | | | | | 140 27 JUN 71 |
| 28 JUN 71 1400 | 28,500. | | | | | | | | | 140 28 JUN 71 |
| 29 JUN 71 1400 | 28,100. | | | | | | | | | 140 29 JUN 71 |
| 30 JUN 71 1400 | 30,200. | | | | | | | | | 140 30 JUN 71 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 71 1400 | 39,500. | | | | | | | | | 140 1 JUL 71 |
| 2 JUL 71 1400 | 53,100. | | | | | | | | | 140 2 JUL 71 |
| 3 JUL 71 1400 | 58,600. | | | | | | | | | 140 3 JUL 71 |
| 4 JUL 71 1400 | 50,900. | | | | | | | | | 140 4 JUL 71 |
| 5 JUL 71 1400 | 37,400. | | | | | | | | | 140 5 JUL 71 |
| 6 JUL 71 1400 | 26,600. | | | | | | | | | 140 6 JUL 71 |
| 7 JUL 71 1400 | 20,900. | | | | | | | | | 140 7 JUL 71 |
| 8 JUL 71 1400 | 18,500. | | | | | | | | | 140 8 JUL 71 |
| 9 JUL 71 1400 | 17,800. | | | | | | | | | 140 9 JUL 71 |
| 10 JUL 71 1400 | 17,800. | | | | | | | | | 140 10 JUL 71 |
| 11 JUL 71 1400 | 18,400. | | | | | | | | | 140 11 JUL 71 |
| 12 JUL 71 1400 | 19,700. | | | | | | | | | 140 12 JUL 71 |
| 13 JUL 71 1400 | 23,800. | | | | | | | | | 140 13 JUL 71 |
| 14 JUL 71 1400 | 30,900. | | | | | | | | | 140 14 JUL 71 |
| 15 JUL 71 1400 | 34,100. | | | | | | | | | 140 15 JUL 71 |
| 16 JUL 71 1400 | 31,700. | | | | | | | | | 140 16 JUL 71 |
| 17 JUL 71 1400 | 26,900. | | | | | | | | | 140 17 JUL 71 |
| 18 JUL 71 1400 | 22,600. | | | | | | | | | 140 18 JUL 71 |
| 19 JUL 71 1400 | 19,500. | | | | | | | | | 140 19 JUL 71 |
| 20 JUL 71 1400 | 17,700. | | | | | | | | | 140 20 JUL 71 |
| 21 JUL 71 1400 | 17,300. | | | | | | | | | 140 21 JUL 71 |
| 22 JUL 71 1400 | 17,100. | | | | | | | | | 140 22 JUL 71 |
| 23 JUL 71 1400 | 16,200. | | | | | | | | | 140 23 JUL 71 |
| 24 JUL 71 1400 | 15,300. | | | | | | | | | 140 24 JUL 71 |
| 25 JUL 71 1400 | 15,500. | | | | | | | | | 140 25 JUL 71 |
| 26 JUL 71 1400 | 16,700. | | | | | | | | | 140 26 JUL 71 |
| 27 JUL 71 1400 | 18,200. | | | | | | | | | 140 27 JUL 71 |
| 28 JUL 71 1400 | 20,600. | | | | | | | | | 140 28 JUL 71 |
| 29 JUL 71 1400 | 23,400. | | | | | | | | | 140 29 JUL 71 |
| 30 JUL 71 1400 | 24,800. | | | | | | | | | 140 30 JUL 71 |
| 31 JUL 71 1400 | 25,200. | | | | | | | | | 140 31 JUL 71 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 AUG 71 1400 | 27,900. | | | | | | | | | 140 1 AUG 71 |
| 2 AUG 71 1400 | 33,300. | | | | | | | | | 140 2 AUG 71 |
| 3 AUG 71 1400 | 37,100. | | | | | | | | | 140 3 AUG 71 |
| 4 AUG 71 1400 | 34,800. | | | | | | | | | 140 4 AUG 71 |
| 5 AUG 71 1400 | 28,800. | | | | | | | | | 140 5 AUG 71 |
| 6 AUG 71 1400 | 25,100. | | | | | | | | | 140 6 AUG 71 |
| 7 AUG 71 1400 | 27,800. | | | | | | | | | 140 7 AUG 71 |
| 8 AUG 71 1400 | 36,000. | | | | | | | | | 140 8 AUG 71 |
| 9 AUG 71 1400 | 48,800. | | | | | | | | | 140 9 AUG 71 |
| 10 AUG 71 1400 | 64,900. | | | | | | | | | 140 10 AUG 71 |
| 11 AUG 71 1400 | 81,100. | | | | | | | | | 140 11 AUG 71 |
| 12 AUG 71 1400 | 81,700. | | | | | | | | | 140 12 AUG 71 |
| 13 AUG 71 1400 | 68,800. | | | | | | | | | 140 13 AUG 71 |
| 14 AUG 71 1400 | 57,600. | | | | | | | | | 140 14 AUG 71 |
| 15 AUG 71 1400 | 50,300. | | | | | | | | | 140 15 AUG 71 |
| 16 AUG 71 1400 | 42,800. | | | | | | | | | 140 16 AUG 71 |
| 17 AUG 71 1400 | 35,100. | | | | | | | | | 140 17 AUG 71 |
| 18 AUG 71 1400 | 29,100. | | | | | | | | | 140 18 AUG 71 |
| 19 AUG 71 1400 | 25,200. | | | | | | | | | 140 19 AUG 71 |
| 20 AUG 71 1400 | 23,700. | | | | | | | | | 140 20 AUG 71 |
| 21 AUG 71 1400 | 24,400. | | | | | | | | | 140 21 AUG 71 |
| 22 AUG 71 1400 | 25,800. | | | | | | | | | 140 22 AUG 71 |
| 23 AUG 71 1400 | 26,100. | | | | | | | | | 140 23 AUG 71 |
| 24 AUG 71 1400 | 24,900. | | | | | | | | | 140 24 AUG 71 |
| 25 AUG 71 1400 | 24,100. | | | | | | | | | 140 25 AUG 71 |
| 26 AUG 71 1400 | 25,300. | | | | | | | | | 140 26 AUG 71 |
| 27 AUG 71 1400 | 27,100. | | | | | | | | | 140 27 AUG 71 |
| 28 AUG 71 1400 | 26,700. | | | | | | | | | 140 28 AUG 71 |
| 29 AUG 71 1400 | 24,200. | | | | | | | | | 140 29 AUG 71 |
| 30 AUG 71 1400 | 21,500. | | | | | | | | | 140 30 AUG 71 |
| 31 AUG 71 1400 | 19,800. | | | | | | | | | 140 31 AUG 71 |

FORM 1413

PRINTED IN U.S.A.

SUSITNA HEP AUG 4-10 '71 RECONST.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 6 MAY 71 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 SEP 71 1400 | 19,800. | | | | | | | | | 140 1 SEP 71 |
| 2 SEP 71 1400 | 21,500. | | | | | | | | | 140 2 SEP 71 |
| 3 SEP 71 1400 | 24,000. | | | | | | | | | 140 3 SEP 71 |
| 4 SEP 71 1400 | 25,300. | | | | | | | | | 140 4 SEP 71 |
| 5 SEP 71 1400 | 25,400. | | | | | | | | | 140 5 SEP 71 |
| 6 SEP 71 1400 | 26,100. | | | | | | | | | 140 6 SEP 71 |
| 7 SEP 71 1400 | 26,400. | | | | | | | | | 140 7 SEP 71 |
| 8 SEP 71 1400 | 24,500. | | | | | | | | | 140 8 SEP 71 |
| 9 SEP 71 1400 | 21,000. | | | | | | | | | 140 9 SEP 71 |
| 10 SEP 71 1400 | 18,200. | | | | | | | | | 140 10 SEP 71 |
| 11 SEP 71 1400 | 16,600. | | | | | | | | | 140 11 SEP 71 |
| 12 SEP 71 1400 | 15,400. | | | | | | | | | 140 12 SEP 71 |
| 13 SEP 71 1400 | 14,400. | | | | | | | | | 140 13 SEP 71 |
| 14 SEP 71 1400 | 13,600. | | | | | | | | | 140 14 SEP 71 |
| 15 SEP 71 1400 | 13,100. | | | | | | | | | 140 15 SEP 71 |
| 16 SEP 71 1400 | 12,700. | | | | | | | | | 140 16 SEP 71 |
| 17 SEP 71 1400 | 12,300. | | | | | | | | | 140 17 SEP 71 |
| 18 SEP 71 1400 | 12,000. | | | | | | | | | 140 18 SEP 71 |
| 19 SEP 71 1400 | 11,700. | | | | | | | | | 140 19 SEP 71 |
| 20 SEP 71 1400 | 12,000. | | | | | | | | | 140 20 SEP 71 |
| 21 SEP 71 1400 | 14,300. | | | | | | | | | 140 21 SEP 71 |
| 22 SEP 71 1400 | 18,100. | | | | | | | | | 140 22 SEP 71 |
| 23 SEP 71 1400 | 20,000. | | | | | | | | | 140 23 SEP 71 |
| 24 SEP 71 1400 | 18,400. | | | | | | | | | 140 24 SEP 71 |
| 25 SEP 71 1400 | 15,200. | | | | | | | | | 140 25 SEP 71 |
| 26 SEP 71 1400 | 12,600. | | | | | | | | | 140 26 SEP 71 |
| 27 SEP 71 1400 | 11,100. | | | | | | | | | 140 27 SEP 71 |
| 28 SEP 71 1400 | 10,300. | | | | | | | | | 140 28 SEP 71 |
| 29 SEP 71 1400 | 9,740. | | | | | | | | | 140 29 SEP 71 |
| 30 SEP 71 1400 | 9,370. | | | | | | | | | 140 30 SEP 71 |
| EOF.. | | | | | | | | | | 1 |

FORM 1611-3
PRINTED IN U.S.A.

```
JOB          250881   1          1       SUSITNA HER S.MELT 5-7/72 RECONST.
CP      1480      4620                                                  GUKGL
CP      2000      3000                                                  BASAV
CP      8811      2401                                                  SUMMIT
CP      9139      2550                                                  GRACIO
CP      9410      2408                                                  TRIMS
CP      3000       345                                                  TALK
CT01    1015            2       0      95     999     100                SMI GL
CT01    1018            2       0      10     2.5      20       5      40 SMI
CT02    1018           12      60      15      75     999      80
CT01    1020            2       0      20       2      30       5      60 SMI
CT02    1020            9     100      15     100    9999     100
CT01    1021            2       0       5      99       5    9999       5 SMI
CT01    2009            2       0      60     0.1      50     0.2      45 BII
CT02    2009          0.3      37     0.4      32     0.5      29     0.6MCKENZ
CT03    2009           27     1.0      20     2.0      10    9999      10
CT01    2010            2       0      75      .2      60     0.4      48 BII
CT02    2010          0.6      37     0.8      31     1.0      27     1.2WILLAM
CT03    2010           25    9999      25
CT01    2011            2       0      50     0.1      47     0.2      45 BII
CT02    2011          0.3      37     0.4      32     0.5      29     0.6
CT03    2011           27       1      20       2       8       3       4
CT04    2011            5       2     999       1
CT01    2012            2       0      70      .5      50       3      20 BII
CT02    2012            5      10      10     .05      99     .05
CT01    2017            2       0     100     1.0      95    9999      95 BIIGL
CT01    3001            2       0       0     .02    .009     .03    .013 S/SS
CT02    3001          .05    .021     .06    .025    .075    .034     .10
CT03    3001          .05    9999   99999
CT01    3003            2       0       0    .016   .0026    .033    .008 S-SS
CT02    3003          .05    .015    .067    .024    .083    .036    .100MCKENZ
CT03    3003          .05     2.0    1.20     999     999
CT01    3008            2       0       0     .01   .0005     .02   .0015 S-SS
CT02    3008          .03    .003     .04    .005     .05    .008     .06
CT03    3008         .012     .07    .017     .08    .023     .09     .03
CT04    3008          .10    .038     999     999
CT01    3009            2       0       0     .05    .001     0.5     .05  S/SS
CT02    3009          1.0     0.2    9999    9000                          GLAC
CT01    4008            2       4    0.03       5    0.09       6    0.09   ET1
CT02    4008            7    0.10       8    0.10       9    0.10
CT01    4009            2       4    0.03       5    0.05       6    0.06   ETI
CT02    4009            7    0.07       8    0.08       9    0.06          GLAC
CT01    4010            2       4    0.03       5    0.09       6    0.15   ETI
CT02    4010            7    0.15       8    0.15       9    0.15
CT01    5001            2       0     100      .5      30       1      20   KE
CT02    5001          1.5      20     999      20
CT01    6004            2       0     100     100     100    9999     100 SCDGL
CT01    6006            2       0     100       8      80      20      60  SCD
CT02    6006           36      40      59      20     100       0     999
CT03    6006            0
CT01    7005            2       0    0.32     100    0.32    9999    0.32 MELTR
CT01    7009            2       0    0.12     100    0.12    9999    0.12 MELTR
CT01    7010            2       0    0.10      20    0.15      40    0.24 METSUS
CT02    7010           50    0.30      80    0.40     100    0.45    9999
CT01    7011            2       0     .08     100     .08    9999     .08 MELTG
CB01      10        1          SUSITNA GLACIER
CB02      10     2214  6 4  12 4  24    100 50016004     40091015
CB03      10      2017 10  3009                    7011          35 32 33
CB04      [illegible]  3300010043000100
C3 1      10  2800    0  3000    45 4000   177 5000   359 6000   611 7000   848
C3 2      10  8000   961 9000   99813832   9999999999999
CB01      20        1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02      20     6944  8 4  20 5 156    100 50016006     40081018
CB03      20      2011 10  3008                    7005          35 32 33
```

DATA FILE 10 - ACRES RECONSTITUTION
OF 1972 FLOOD,
SSARR MODEL INPUT

FORM 1411-3
PRINTED IN U.S.A.

```
C3 1      20  2440    0  3000  277 4000  532 5000  813 6000  928 7000  971
C3 2      20  8000  984 9000  98910000  99813832  9999999999999
CC01      30        1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01      55        1          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
CR02      55              2 2    11
CB01      80        1          LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02      80     3124  3 4   8 4 156   100 50016006    40081018
CB03      80      2009  9  3008                    7010          35 32 33
CB04      80      3300010043000100
C3 1      80  2370    0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2      80 9999999999
CC01     100        1          DENALI DAMSITE  1260 SQ MI
CR01     125        1          100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02     125              3 2    11
CB01     180        1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02     180     4774  3 4   8 5 156   100 50016006    40081018
CB03     180      2009  9  3008                    7010          35 32 33
CB04     180      3300010043000100
C3 1     180  2350    0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2     180 9999999999
CB01     210        1          MACLAREN GLACIER
CB02     210      443  6 3  12 3  24   100 50016004    40091015
CB03     210      2017 10  3009                    7009   9      35 32 33
CB04     210      3300010043000105
C3 1     210  3150    0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2     210  8850  9999999999999
CB01     220        1          MACLAREN NON-GLACIER ABV USGS GAGE
CB02     220     2324  5 4  20 5 156    75 50016006    40081018
CB03     220      2012 10  3003                    7005          35 32 33
CB04     220      3300010043000105
C3 1     220  2866    0  3000   82 4000  505 5000  801 6000  949 7000  986
C3 2     220  8000  998 8850  9999999999999
CC01     230        1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01     255        1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02     255              6 2    10
CB01     280        1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02     280     3074  3 4   8 5 156   100 50016006    40081018
CB03     280      2009  9  3008                    7010          35 32 33
CB04     280      3300010043000100
C3 1     280  2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01     300        1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01     325        1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02     325              5 2     9
CB01     330        1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02     330      483 15 1   0 1   0   100 50016006    40081022
CB03     330      2009  9  3008                    7010          35 32 33
CB04     330      3300010043000115
C3 1     330  2361    0 2363  9999999999999
CR01     335        1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02     335              3 4   100
CB01     340        1          TYONE RIVER BASIN 1047 SQ MI
CB02     340    10478 10 8  48 8 200   100 50016006    40101018
CB03     340      2009  9  3008                    7010          35 32 33
CB04     340      3300010043000115
C3 1     340  2100    0 3000  687 4000  952 5000  998 5275  9999999999999
CC01     350        1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01     375        1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02     375              1 2     9
CB01     380        1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02     380     7353  3 4   8 4  72   100 50016006    40081018
CB03     380      2009  9  3008                    7010          35 32 33
CB04     380      3300010043000115
C3 1     380  1910    0 2000    2 3000  156 4000  491 5000  784 6000  960
C3 2     380  7000  998 7770  9999999999999
CC01     400        1          SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
```

FORM 1411-3
PRINTED IN U.S.A.

```
                                                  DAMSITE TO WATANA DAMSITE
CR02     425              4 1      3
CB01     480        1            WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02     480    10454  8 4  15 5 156   100 50016006    40081020
CB03     480      2009  9  3008                    7010          35 32 33
CB04     480      3300010043000105
C3 1     480  1450     0 2000   30 3000  277 4000  683 5000  911 6000  989
C3 2     480  7000  989 7200  9999999999999
CC01     500        1            WATANA DAM SITE 5180 SQ MI
CR01     525        1            500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02     525              3 1      3
CB01     580        1            TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02     580     6284  8 4  15 5 156   100 50016006    40081020
CB03     580      2009  9  3008                    7010          35 32 33
CB04     580      3300010043000105
C3 1     580   910     0 1000    2 2000   84 3000  441 4000  795 5000  962
C3 2     580  6000  998 6910  9999999999999
CC01     600        1            DEVIL CANYON DAM SITE 5810 SQ MI
CR01     625        1            600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02     625              1 1      3
CB01     680        1            PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02     680     3454  8 4  15 5 156   100 50016006    40081020
CB03     680      2009  9  3008                    7010          35 32 33
CB04     680      3300010043000105
C3 1     680   677     0 1000   32 2000  261 3000  510 4000  809 5000  971
C3 2     680  6000  998 6018  9999999999999
CC01     700        1            SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P         10         30
P         20         30
P         30         55
P         55        100
P         80        100
P        100        125
P        125        300
P        180        300
P        210        230
P        220        230
P        230        255
P        255        300
P        280        300
P        300        325
P        325        350
P        330        335
P        335        350
P        340        350
P        350        375
P        375        400
P        380        400
P        400        425
P        425        500
P        480        500
P        500        525
P        525        600
P        580        600
P        600        625
P        680        700
P        625        700
P        700
T   14 01057224 14 310772
2B00      10 14 010572      8     030    100 1                    99
2B02      10 14 010572      10     10     10     10     10
2B03      10 14 010572      30     30     30     30     30
2B04      10 14 010572      60     60     60     60     60
2B00      20 14 010572      4     03     100 01                   15
2B02      20 14 010572      10     10     10     10     10
2B03      20 14 010572      50     50     50     50     30
```

FORM 1411-3
PRINTED IN U.S.A.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2B04 | 20 | 14 | 010572 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | | | | | | | |
| 2B00 | 80 | 14 | 010572 | 4 | 03 | 100 | | | 9 | | | | | | | | | |
| 2B02 | 80 | 14 | 010572 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | |
| 2B03 | 80 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B04 | 80 | 14 | 010572 | 70 | 70 | 70 | 70 | 70 | | | | | | | | | | |
| 2B00 | 180 | 14 | 010572 | 4 | 03 | 100 | | | 9 | | | | | | | | | |
| 2B02 | 180 | 14 | 010572 | 7 | 7 | 7 | 7 | 7 | | | | | | | | | | |
| 2B03 | 180 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B04 | 180 | 14 | 010572 | 108 | 108 | 108 | 108 | 108 | 108 | | | | | | | | | |
| 2B00 | 210 | 14 | 010572 | 8 | 030 | 100 1 | | | 99 | | | | | | | | | |
| 2B02 | 210 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B03 | 210 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B04 | 210 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B00 | 220 | 14 | 010572 | 4 | 03 | 100 01 | | | 22 | | | | | | | | | |
| 2B02 | 220 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B03 | 220 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B04 | 220 | 14 | 010767 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | | | | | | | |
| 2B00 | 280 | 14 | 010572 | 4 | 03 | 100 | | | 9 | | | | | | | | | |
| 2B02 | 280 | 14 | 010572 | 4 | 4 | 4 | 4 | 4 | | | | | | | | | | |
| 2B03 | 280 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B04 | 280 | 14 | 010572 | 70 | 70 | 70 | 70 | 70 | 70 | | | | | | | | | |
| 2B00 | 330 | 14 | 010572 | 4 | 03 | 100 | | | 6 | | | | | | | | | |
| 2B02 | 330 | 14 | 010572 | 18 | 18 | 18 | 18 | 18 | | | | | | | | | | |
| 2B03 | 330 | 14 | 010572 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 2B04 | 330 | 14 | 010572 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 2B00 | 340 | 14 | 010572 | 4 | 03 | 100 | | | 6 | | | | | | | | | |
| 2B02 | 340 | 14 | 010572 | 18 | 18 | 18 | 18 | 18 | | | | | | | | | | |
| 2B03 | 340 | 14 | 010572 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2B04 | 340 | 14 | 010572 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | | |
| 2B00 | 380 | 14 | 010572 | 4 | 03 | 100 | | | 7 | | | | | | | | | |
| 2B02 | 380 | 14 | 010572 | 8 | 8 | 8 | 8 | 8 | | | | | | | | | | |
| 2B03 | 380 | 14 | 010572 | 20 | 20 | 20 | 20 | 20 | | | | | | | | | | |
| 2B04 | 380 | 14 | 010572 | 130 | 130 | 130 | 130 | 130 | | | | | | | | | | |
| 2B00 | 480 | 14 | 010572 | 4 | 03 | 100 | | | 14 | | | | | | | | | |
| 2B02 | 480 | 14 | 010572 | 16 | 16 | 16 | 16 | 16 | | | | | | | | | | |
| 2B03 | 480 | 14 | 010572 | 30 | 30 | 30 | 30 | 30 | | | | | | | | | | |
| 2B04 | 480 | 14 | 010572 | 420 | 420 | 420 | 420 | 420 | | | | | | | | | | |
| 2B00 | 580 | 14 | 010572 | 4 | 03 | 100 | | | 14 | | | | | | | | | |
| 2B02 | 580 | 14 | 010572 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | |
| 2B03 | 580 | 14 | 010572 | 15 | 15 | 15 | 15 | 15 | | | | | | | | | | |
| 2B04 | 580 | 14 | 010572 | 260 | 260 | 260 | 260 | 260 | | | | | | | | | | |
| 2B00 | 680 | 14 | 010572 | 4 | 03 | 100 | | | 14 | | | | | | | | | |
| 2B02 | 680 | 14 | 010572 | 4 | 4 | 4 | 4 | 4 | | | | | | | | | | |
| 2B03 | 680 | 14 | 010572 | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | |
| 2B04 | 680 | 14 | 010572 | 140 | 140 | 140 | 140 | 140 | | | | | | | | | | |
| 4D | 3000 | 14 | 0105723 | | | | 13 | 05 | | | 08 | | | | | | | |
| 4D | 3000 | 14 | 1505723 | | | 06 | 13 | 37 | 21 | 14 | | | | | | 46 | | |
| 4D | 3000 | 14 | 2905723 | 01 | 10 | 29 | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0106723 | 29 | 41 | 01 | | | 30 | | | | | | | 07 | | |
| 4D | 3000 | 14 | 1506723 | | 83 | | | | 03 | 03 | 24 | | | | | | | |
| 4D | 3000 | 14 | 2906723 | | | | | | | | | | | | | | | |
| 4D | 3000 | 14 | 0107723 | | | | | | | | | | | 15 | 01 | 01 | 14 | |
| 4D | 3000 | 14 | 1507723 | | 07 | | | 24 | 02 | | | | 82 | 10 | | | 20 | |
| 4D | 3000 | 14 | 2907723 | | | | | | | | | | | | | | | |
| 12 4D | 3000 | 14 | 0105724 | 370 | 350 | 370 | 360 | 440 | 400 | 420 | 430 | 420 | 400 | 420 | 400 | 390 | 390 | |
| 11 4D | 3000 | 14 | 1505724 | 380 | 380 | 410 | 380 | 400 | 400 | 410 | 420 | 430 | 460 | 450 | 510 | 530 | 460 | |
| 10 4D | 3000 | 14 | 2905724 | 510 | 540 | 490 | | | | | | | | | | | | |
| 9 4D | 3000 | 14 | 0106724 | 480 | 410 | 460 | 480 | 480 | 420 | 510 | 520 | 530 | 520 | 590 | 600 | 550 | 570 | |
| 8 4D | 3000 | 14 | 1506724 | 580 | 520 | 510 | 520 | 510 | 560 | 520 | 540 | 500 | 540 | 560 | 580 | 550 | 550 | |
| 7 4D | 3000 | 14 | 2906724 | 550 | 530 | | | | | | | | | | | | | |
| 6 4D | 3000 | 14 | 0107724 | 570 | 600 | 640 | 670 | 680 | 690 | 690 | 670 | 630 | 620 | 620 | 690 | 650 | 600 | |
| 5 4D | 3000 | 14 | 1507724 | 570 | 550 | 560 | 550 | 530 | 590 | 570 | 610 | 650 | 590 | 610 | 600 | 610 | 580 | |
| 4 4D | 3000 | 14 | 2907724 | 610 | 600 | 630 | | | | | | | | | | | | |
| 3 EOF.. | | | | | | | | | | | | | | | | | | |

FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
25OCT81 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.00 | 8.00 | 0 | 0.00 | 0.03 | 0 | 60 | 30 | 10 | 100 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 8.00 | 95 | 0.00 | 0.02 | 100 | 58 | 26 | 4 | 89 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.95 | 95 | 0.00 | 0.02 | 100 | 52 | 13 | 0 | 66 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.90 | 95 | 0.00 | 0.01 | 100 | 40 | 4 | 0 | 44 | 1400 | 4 |
| 5 | 1400 | 0.00 | 5 | 0.00 | 0.03 | 0 | 2800 | 100 | 2.2 | 17 | 0.19 | 0.03 | 0.05 | 7.85 | 95 | 0.03 | 0.02 | 100 | 31 | 1 | 0 | 32 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.80 | 95 | 0.00 | 0.01 | 100 | 35 | 0 | 0 | 36 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 1.2 | 9 | 0.10 | 0.01 | 0.05 | 7.76 | 95 | 0.01 | 0.01 | 100 | 46 | 0 | 0 | 47 | 1400 | 7 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2800 | 100 | 1.7 | 13 | 0.14 | 0.02 | 0.05 | 7.71 | 95 | 0.02 | 0.01 | 100 | 53 | 0 | 0 | 54 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 1.2 | 9 | 0.10 | 0.01 | 0.05 | 7.67 | 95 | 0.01 | 0.01 | 100 | 58 | 0 | 0 | 58 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.62 | 95 | 0.00 | 0.01 | 100 | 61 | 0 | 0 | 61 | 1400 | 10 |
| 11 | 1400 | 0.08 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 1.2 | 9 | 0.10 | 0.01 | 0.05 | 7.57 | 95 | 0.01 | 0.01 | 100 | 57 | 0 | 0 | 58 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.52 | 95 | 0.00 | 0.01 | 100 | 49 | 0 | 0 | 49 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.47 | 95 | 0.00 | 0.01 | 100 | 39 | 0 | 0 | 39 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.42 | 95 | 0.00 | 0.00 | 100 | 28 | 0 | 0 | 29 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.37 | 95 | 0.00 | 0.00 | 100 | 18 | 0 | 0 | 18 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.32 | 95 | 0.00 | 0.00 | 100 | 10 | 0 | 0 | 11 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.00 | 0.08 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 7.27 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 6 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.00 | 0.08 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.23 | 95 | 0.00 | 0.00 | 100 | 4 | 0 | 0 | 4 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.00 | 0.08 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.19 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 4 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.00 | 0.08 | 0 | 2800 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.16 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.00 | 0.08 | 0 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.05 | 7.13 | 95 | 0.00 | 0.00 | 100 | 2 | 0 | 0 | 3 | 1400 | 21 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2800 | 100 | 1.2 | 9 | 0.09 | 0.01 | 0.05 | 7.09 | 95 | 0.01 | 0.00 | 100 | 4 | 0 | 0 | 4 | 1400 | 22 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2800 | 100 | 1.7 | 13 | 0.13 | 0.02 | 0.05 | 7.04 | 95 | 0.02 | 0.01 | 100 | 11 | 0 | 0 | 11 | 1400 | 23 |
| 24 | 1400 | 0.00 | 13 | 0.00 | 0.17 | 0 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.06 | 0.05 | 6.99 | 95 | 0.06 | 0.02 | 100 | 33 | 0 | 0 | 33 | 1400 | 24 |
| 25 | 1400 | 0.00 | 9 | 0.00 | 0.21 | 0 | 2800 | 100 | 2.5 | 23 | 0.20 | 0.05 | 0.05 | 6.94 | 95 | 0.04 | 0.02 | 100 | 79 | 0 | 0 | 79 | 1400 | 25 |
| 26 | 1400 | 0.00 | 41 | 0.00 | 0.42 | 0 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.22 | 0.05 | 6.89 | 95 | 0.21 | 0.06 | 100 | 164 | 0 | 0 | 165 | 1400 | 26 |
| 27 | 1400 | 0.00 | 56 | 0.00 | 0.73 | 1 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.05 | 6.85 | 95 | 0.31 | 0.12 | 100 | 338 | 1 | 0 | 340 | 1400 | 27 |
| 28 | 1400 | 0.46 | 13 | 0.06 | 0.79 | 1 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.13 | 0.05 | 6.82 | 95 | 0.12 | 0.12 | 99 | 605 | 3 | 0 | 609 | 1400 | 28 |
| 29 | 1400 | 0.01 | 41 | 0.06 | 1.00 | 1 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.23 | 0.05 | 6.81 | 95 | 0.22 | 0.14 | 99 | 856 | 4 | 0 | 861 | 1400 | 29 |
| 30 | 1400 | 0.10 | 64 | 0.12 | 1.38 | 1 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.46 | 0.05 | 6.77 | 95 | 0.43 | 0.20 | 99 | 1041 | 7 | 0 | 1049 | 1400 | 30 |
| 31 | 1400 | 0.29 | 28 | 0.20 | 1.52 | 2 | 2800 | 100 | 3.8 | 48 | 0.30 | 0.23 | 0.05 | 6.75 | 95 | 0.22 | 0.20 | 99 | 1236 | 11 | 0 | 1248 | 1400 | 31 |

FORM 1311-3

PRINTED IN U.S.A.

DATA FILE 11 - ACRES RECONSTITUTION
OF 1972 FLOOD, SSARR MODEL OUTPUT

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7//2 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 23 | 0.26 | 1.62 | 2 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.18 | 0.05 | 6.73 | 95 | 0.17 | 0.20 | 99 | 1413 | 12 | 0 | 1427 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.26 | 1.62 | 2 | 2800 | 100 | 0.5 | 5 | 0.04 | 0.00 | 0.06 | 6.71 | 95 | 0.00 | 0.16 | 99 | 1435 | 10 | 0 | 1446 | 1400 | 2 |
| 3 | 1400 | 0.01 | 13 | 0.27 | 1.69 | 2 | 2800 | 100 | 2.8 | 28 | 0.23 | 0.07 | 0.06 | 6.69 | 95 | 0.06 | 0.14 | 99 | 1258 | 5 | 0 | 1264 | 1400 | 3 |
| 4 | 1400 | 0.00 | 23 | 0.27 | 1.79 | 2 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.11 | 0.06 | 6.63 | 95 | 0.11 | 0.13 | 99 | 982 | 3 | 0 | 986 | 1400 | 4 |
| 5 | 1400 | 0.00 | 23 | 0.27 | 1.90 | 2 | 2800 | 100 | 3.5 | 41 | 0.28 | 0.11 | 0.06 | 6.58 | 95 | 0.11 | 0.12 | 99 | 756 | 3 | 0 | 760 | 1400 | 5 |
| 6 | 1400 | 0.30 | 0 | 0.27 | 1.91 | 2 | 2800 | 100 | 1.2 | 9 | 0.09 | 0.01 | 0.06 | 6.52 | 95 | 0.01 | 0.10 | 99 | 626 | 3 | 0 | 629 | 1400 | 6 |
| 7 | 1400 | 0.00 | 41 | 0.27 | 2.12 | 2 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.22 | 0.06 | 6.49 | 95 | 0.21 | 0.12 | 100 | 557 | 2 | 0 | 560 | 1400 | 7 |
| 8 | 1400 | 0.00 | 48 | 0.27 | 2.37 | 2 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.27 | 0.06 | 6.44 | 95 | 0.25 | 0.15 | 99 | 575 | 4 | 0 | 580 | 1400 | 8 |
| 9 | 1400 | 0.00 | 56 | 0.27 | 2.68 | 3 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.06 | 6.39 | 95 | 0.31 | 0.19 | 99 | 729 | 7 | 0 | 737 | 1400 | 9 |
| 10 | 1400 | 0.00 | 48 | 0.27 | 2.94 | 3 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.27 | 0.06 | 6.35 | 95 | 0.25 | 0.20 | 99 | 978 | 11 | 0 | 990 | 1400 | 10 |
| 11 | 1400 | 0.00 | 92 | 0.27 | 3.68 | 4 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.78 | 0.06 | 6.30 | 95 | 0.74 | 0.32 | 99 | 1288 | 16 | 0 | 1306 | 1400 | 11 |
| 12 | 1400 | 0.00 | 95 | 0.27 | 4.50 | 5 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.86 | 0.06 | 6.28 | 95 | 0.82 | 0.42 | 98 | 1762 | 34 | 1 | 1798 | 1400 | 12 |
| 13 | 1400 | 0.00 | 71 | 0.27 | 4.94 | 5 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 6.26 | 95 | 0.44 | 0.43 | 98 | 2404 | 53 | 1 | 2459 | 1400 | 13 |
| 14 | 1400 | 0.07 | 85 | 0.32 | 5.52 | 6 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.68 | 0.06 | 6.22 | 95 | 0.64 | 0.47 | 98 | 2952 | 61 | 1 | 3016 | 1400 | 14 |
| 15 | 1400 | 0.00 | 88 | 0.32 | 6.19 | 6 | 2800 | 100 | 9.0 | 97 | 0.72 | 0.70 | 0.06 | 6.20 | 95 | 0.66 | 0.51 | 98 | 3259 | 71 | 1 | 3333 | 1400 | 15 |
| 16 | 1400 | 0.83 | 48 | 0.70 | 6.44 | 7 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.67 | 0.06 | 6.18 | 95 | 0.64 | 0.54 | 97 | 3427 | 83 | 1 | 3513 | 1400 | 16 |
| 17 | 1400 | 0.00 | 41 | 0.70 | 6.65 | 7 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.22 | 0.06 | 6.20 | 95 | 0.21 | 0.47 | 97 | 3485 | 82 | 1 | 3570 | 1400 | 17 |
| 18 | 1400 | 0.00 | 48 | 0.70 | 6.91 | 7 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.27 | 0.06 | 6.15 | 95 | 0.25 | 0.42 | 98 | 3303 | 59 | 0 | 3365 | 1400 | 18 |
| 19 | 1400 | 0.00 | 41 | 0.70 | 7.12 | 7 | 2800 | 100 | 4.4 | 64 | 0.35 | 0.22 | 0.06 | 6.10 | 95 | 0.21 | 0.38 | 98 | 2870 | 41 | 0 | 2913 | 1400 | 19 |
| 20 | 1400 | 0.03 | 78 | 0.73 | 7.63 | 8 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.56 | 0.06 | 6.05 | 95 | 0.53 | 0.41 | 98 | 2406 | 36 | 0 | 2444 | 1400 | 20 |
| 21 | 1400 | 0.03 | 48 | 0.74 | 7.89 | 8 | 2800 | 100 | 4.7 | 71 | 0.38 | 0.28 | 0.06 | 6.02 | 95 | 0.27 | 0.38 | 98 | 2138 | 42 | 0 | 2182 | 1400 | 21 |
| 22 | 1400 | 0.24 | 64 | 0.88 | 8.26 | 8 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.55 | 0.06 | 5.98 | 95 | 0.52 | 0.41 | 98 | 2082 | 43 | 0 | 2127 | 1400 | 22 |
| 23 | 1400 | 0.00 | 34 | 0.88 | 8.43 | 9 | 2800 | 100 | 4.1 | 56 | 0.33 | 0.18 | 0.06 | 5.97 | 95 | 0.17 | 0.36 | 98 | 2113 | 44 | 0 | 2158 | 1400 | 23 |
| 24 | 1400 | 0.00 | 64 | 0.88 | 8.89 | 9 | 2800 | 100 | 5.8 | 85 | 0.46 | 0.39 | 0.06 | 5.92 | 95 | 0.37 | 0.36 | 98 | 2107 | 36 | 0 | 2144 | 1400 | 24 |
| 25 | 1400 | 0.00 | 78 | 0.88 | 9.32 | 9 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.06 | 5.88 | 95 | 0.51 | 0.39 | 98 | 2067 | 37 | 0 | 2106 | 1400 | 25 |
| 26 | 1400 | 0.00 | 88 | 0.88 | 9.98 | 10 | 2800 | 100 | 9.0 | 97 | 0.72 | 0.70 | 0.06 | 5.84 | 95 | 0.66 | 0.45 | 98 | 2141 | 48 | 1 | 2191 | 1400 | 26 |
| 27 | 1400 | 0.00 | 71 | 0.88 | 10.42 | 11 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 5.82 | 95 | 0.44 | 0.45 | 98 | 2386 | 61 | 1 | 2450 | 1400 | 27 |
| 28 | 1400 | 0.00 | 71 | 0.88 | 10.86 | 11 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 5.78 | 95 | 0.44 | 0.45 | 98 | 2647 | 62 | 1 | 2711 | 1400 | 28 |
| 29 | 1400 | 0.00 | 71 | 0.88 | 11.30 | 11 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.06 | 5.74 | 95 | 0.44 | 0.45 | 98 | 2767 | 59 | 1 | 2828 | 1400 | 29 |
| 30 | 1400 | 0.00 | 56 | 0.88 | 11.61 | 12 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.33 | 0.06 | 5.71 | 95 | 0.31 | 0.42 | 98 | 2739 | 55 | 0 | 2796 | 1400 | 30 |

FORM 2413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.07 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %FA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 85 | 0.88 | 12.20 | 12 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.62 | 0.06 | 5.66 | 95 | 0.59 | 0.45 | 98 | 2640 | 52 | 1 | 2693 | 1400 | 1 |
| 2 | 1400 | 0.00 | 95 | 0.86 | 13.01 | 13 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.86 | 0.07 | 5.63 | 95 | 0.82 | 0.53 | 98 | 2638 | 64 | 1 | 2705 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.88 | 14.14 | 14 | 2800 | 100 | 14.8 | 100 | 1.18 | 1.18 | 0.07 | 5.61 | 95 | 1.12 | 0.66 | 97 | 2938 | 96 | 2 | 3038 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 0.88 | 15.49 | 16 | 2800 | 100 | 17.8 | 100 | 1.42 | 1.42 | 0.07 | 5.60 | 95 | 1.35 | 0.81 | 97 | 3626 | 149 | 4 | 3780 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.88 | 16.92 | 17 | 2800 | 100 | 18.8 | 100 | 1.50 | 1.50 | 0.07 | 5.60 | 95 | 1.43 | 0.94 | 96 | 4608 | 220 | 6 | 4835 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 0.88 | 18.42 | 19 | 2800 | 100 | 19.8 | 100 | 1.58 | 1.58 | 0.07 | 5.60 | 95 | 1.50 | 1.06 | 95 | 5679 | 296 | 7 | 5983 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 0.88 | 19.92 | 20 | 2800 | 100 | 19.8 | 100 | 1.58 | 1.58 | 0.07 | 5.61 | 95 | 1.50 | 1.16 | 95 | 6635 | 366 | 8 | 7010 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.88 | 21.27 | 21 | 2800 | 100 | 17.8 | 100 | 1.42 | 1.42 | 0.07 | 5.62 | 95 | 1.35 | 1.20 | 95 | 7347 | 405 | 8 | 7762 | 1400 | 8 |
| 9 | 1400 | 0.00 | 99 | 0.88 | 22.32 | 23 | 2800 | 100 | 13.8 | 100 | 1.10 | 1.10 | 0.07 | 5.62 | 95 | 1.05 | 1.17 | 95 | 7707 | 394 | 7 | 8109 | 1400 | 9 |
| 10 | 1400 | 0.00 | 98 | 0.88 | 23.29 | 24 | 2800 | 100 | 12.8 | 100 | 1.02 | 1.02 | 0.07 | 5.60 | 95 | 0.97 | 1.12 | 95 | 7639 | 346 | 6 | 7991 | 1400 | 10 |
| 11 | 1400 | 0.15 | 98 | 1.02 | 24.26 | 25 | 2800 | 100 | 12.8 | 100 | 1.02 | 1.17 | 0.07 | 5.58 | 95 | 1.11 | 1.12 | 95 | 7241 | 311 | 6 | 7560 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.03 | 25.77 | 26 | 2800 | 100 | 19.8 | 100 | 1.58 | 1.59 | 0.07 | 5.59 | 95 | 1.51 | 1.20 | 95 | 6841 | 327 | 7 | 7177 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 1.04 | 26.97 | 27 | 2800 | 100 | 15.8 | 100 | 1.26 | 1.27 | 0.07 | 5.60 | 95 | 1.21 | 1.21 | 95 | 6732 | 372 | 7 | 7113 | 1400 | 13 |
| 14 | 1400 | 0.14 | 95 | 1.17 | 27.78 | 28 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.99 | 0.07 | 5.59 | 95 | 0.94 | 1.15 | 95 | 6818 | 363 | 6 | 7188 | 1400 | 14 |
| 15 | 1400 | 0.00 | 85 | 1.17 | 28.37 | 29 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.62 | 0.07 | 5.58 | 95 | 0.59 | 1.03 | 95 | 6720 | 303 | 4 | 7028 | 1400 | 15 |
| 16 | 1400 | 0.07 | 71 | 1.22 | 28.81 | 29 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.51 | 0.07 | 5.55 | 95 | 0.49 | 0.91 | 95 | 6204 | 226 | 3 | 6434 | 1400 | 16 |
| 17 | 1400 | 0.00 | 78 | 1.22 | 29.32 | 30 | 2800 | 100 | 7.3 | 92 | 0.59 | 0.54 | 0.07 | 5.51 | 95 | 0.51 | 0.83 | 95 | 5371 | 172 | 2 | 5547 | 1400 | 17 |
| 18 | 1400 | 0.00 | 71 | 1.22 | 29.76 | 30 | 2800 | 100 | 6.6 | 88 | 0.52 | 0.46 | 0.07 | 5.46 | 95 | 0.44 | 0.74 | 96 | 4499 | 143 | 2 | 4645 | 1400 | 18 |
| 19 | 1400 | 0.24 | 56 | 1.35 | 30.07 | 30 | 2800 | 100 | 5.2 | 78 | 0.42 | 0.46 | 0.07 | 5.42 | 95 | 0.44 | 0.68 | 96 | 3785 | 120 | 2 | 3908 | 1400 | 19 |
| 20 | 1400 | 0.02 | 92 | 1.36 | 30.81 | 31 | 2800 | 100 | 9.9 | 98 | 0.79 | 0.80 | 0.07 | 5.39 | 95 | 0.76 | 0.70 | 97 | 3316 | 111 | 2 | 3431 | 1400 | 20 |
| 21 | 1400 | 0.00 | 85 | 1.36 | 31.40 | 32 | 2800 | 100 | 8.1 | 95 | 0.65 | 0.62 | 0.07 | 5.37 | 95 | 0.59 | 0.67 | 97 | 3151 | 123 | 2 | 3278 | 1400 | 21 |
| 22 | 1400 | 0.00 | 97 | 1.36 | 32.30 | 33 | 2800 | 100 | 11.8 | 100 | 0.94 | 0.94 | 0.07 | 5.33 | 95 | 0.90 | 0.72 | 97 | 3256 | 132 | 3 | 3392 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.36 | 33.49 | 34 | 2800 | 100 | 15.8 | 100 | 1.26 | 1.26 | 0.07 | 5.30 | 95 | 1.20 | 0.82 | 96 | 3592 | 162 | 4 | 3760 | 1400 | 23 |
| 24 | 1400 | 0.82 | 92 | 2.08 | 34.23 | 35 | 2800 | 100 | 9.9 | 98 | 0.79 | 1.53 | 0.07 | 5.30 | 95 | 1.45 | 0.96 | 96 | 4222 | 223 | 6 | 4452 | 1400 | 24 |
| 25 | 1400 | 0.10 | 97 | 2.17 | 35.13 | 35 | 2800 | 100 | 11.8 | 100 | 0.94 | 1.04 | 0.07 | 5.36 | 95 | 0.99 | 0.96 | 95 | 5066 | 283 | 6 | 5356 | 1400 | 25 |
| 26 | 1400 | 0.00 | 95 | 2.17 | 35.95 | 36 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.86 | 0.07 | 5.35 | 95 | 0.82 | 0.93 | 95 | 5744 | 284 | 5 | 6034 | 1400 | 26 |
| 27 | 1400 | 0.00 | 97 | 2.17 | 36.84 | 37 | 2800 | 100 | 11.8 | 100 | 0.94 | 0.94 | 0.07 | 5.32 | 95 | 0.90 | 0.93 | 95 | 5948 | 258 | 4 | 6212 | 1400 | 27 |
| 28 | 1400 | 0.20 | 88 | 2.34 | 37.51 | 38 | 2800 | 100 | 9.0 | 97 | 0.72 | 0.87 | 0.07 | 5.30 | 95 | 0.83 | 0.90 | 95 | 5773 | 242 | 4 | 6021 | 1400 | 28 |
| 29 | 1400 | 0.00 | 97 | 2.34 | 38.40 | 39 | 2800 | 100 | 11.8 | 100 | 0.94 | 0.94 | 0.07 | 5.29 | 95 | 0.90 | 0.90 | 95 | 5484 | 234 | 4 | 5724 | 1400 | 29 |
| 30 | 1400 | 0.00 | 95 | 2.34 | 39.22 | 40 | 2800 | 100 | 10.8 | 99 | 0.87 | 0.86 | 0.07 | 5.27 | 95 | 0.82 | 0.88 | 95 | 5239 | 230 | 4 | 5474 | 1400 | 30 |
| 31 | 1400 | 0.00 | 99 | 2.34 | 40.27 | 41 | 2800 | 100 | 13.8 | 100 | 1.10 | 1.10 | 0.07 | 5.24 | 95 | 1.05 | 0.92 | 96 | 5094 | 230 | 5 | 5330 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. 250881 INITIAL DATE, HOUR 1 MAY 1972 1400

JOB DESCRIPTION 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.010 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 | |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.07 | 4.00 | 0 | 0.00 | 0.03 | 0 | 60 | 50 | 10 | 120 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.02 | 49 | 59 | 48 | 6 | 115 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.91 | 31 | 0.00 | 0.02 | 49 | 59 | 40 | 1 | 101 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.82 | 31 | 0.00 | 0.01 | 49 | 59 | 27 | 0 | 87 | 1400 | 4 |
| 5 | 1400 | 0.00 | 50 | 0.00 | 0.12 | 1 | 2440 | 98 | 3.3 | 53 | 0.76 | 0.40 | 0.09 | 3.73 | 30 | 0.12 | 0.04 | 50 | 59 | 57 | 17 | 134 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.12 | 1 | 2480 | 98 | 0.5 | 14 | 0.12 | 0.02 | 0.09 | 3.93 | 31 | 0.01 | 0.03 | 49 | 59 | 177 | 32 | 270 | 1400 | 6 |
| 7 | 1400 | 0.05 | 1 | 0.00 | 0.18 | 1 | 2482 | 97 | 1.8 | 35 | 0.50 | 0.17 | 0.09 | 3.87 | 31 | 0.05 | 0.04 | 49 | 59 | 310 | 16 | 386 | 1400 | 7 |
| 8 | 1400 | 0.00 | 16 | 0.00 | 0.27 | 2 | 2500 | 95 | 2.5 | 42 | 0.73 | 0.31 | 0.09 | 3.91 | 31 | 0.10 | 0.05 | 49 | 60 | 387 | 29 | 477 | 1400 | 8 |
| 9 | 1400 | 0.00 | 1 | 0.00 | 0.33 | 2 | 2532 | 95 | 1.7 | 33 | 0.51 | 0.17 | 0.09 | 4.04 | 32 | 0.05 | 0.05 | 49 | 60 | 463 | 36 | 561 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.33 | 2 | 2551 | 94 | 0.4 | 11 | 0.11 | 0.01 | 0.09 | 4.07 | 33 | 0.00 | 0.04 | 48 | 61 | 519 | 20 | 601 | 1400 | 10 |
| 11 | 1400 | 0.08 | 1 | 0.00 | 0.38 | 3 | 2552 | 94 | 1.7 | 32 | 0.52 | 0.17 | 0.09 | 3.98 | 32 | 0.05 | 0.04 | 49 | 62 | 483 | 12 | 559 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 3 | 2570 | 94 | 0.3 | 10 | 0.10 | 0.01 | 0.09 | 4.02 | 32 | 0.00 | 0.04 | 49 | 63 | 398 | 15 | 477 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 3 | 2571 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.94 | 32 | 0.00 | 0.03 | 49 | 66 | 309 | 3 | 380 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 3 | 2571 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.85 | 31 | 0.00 | 0.02 | 49 | 69 | 210 | 0 | 280 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 3 | 2571 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.76 | 30 | 0.00 | 0.02 | 49 | 73 | 118 | 0 | 192 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 3 | 2571 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.67 | 29 | 0.00 | 0.01 | 49 | 77 | 57 | 0 | 135 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.00 | 0.41 | 3 | 2571 | 93 | 0.9 | 23 | 0.28 | 0.07 | 0.09 | 3.58 | 29 | 0.02 | 0.01 | 50 | 82 | 31 | 2 | 117 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.00 | 0.41 | 3 | 2577 | 93 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.55 | 28 | 0.00 | 0.01 | 50 | 87 | 36 | 4 | 129 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.00 | 0.41 | 3 | 2577 | 93 | 0.3 | 10 | 0.10 | 0.01 | 0.09 | 3.48 | 28 | 0.00 | 0.01 | 50 | 93 | 48 | 1 | 143 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.00 | 0.41 | 3 | 2578 | 93 | 0.3 | 9 | 0.10 | 0.01 | 0.09 | 3.44 | 28 | 0.00 | 0.01 | 50 | 99 | 46 | 1 | 147 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.00 | 0.43 | 3 | 2579 | 93 | 0.9 | 23 | 0.28 | 0.06 | 0.09 | 3.38 | 27 | 0.02 | 0.01 | 50 | 104 | 42 | 3 | 151 | 1400 | 21 |
| 22 | 1400 | 0.00 | 1 | 0.00 | 0.47 | 3 | 2585 | 92 | 1.6 | 30 | 0.51 | 0.15 | 0.09 | 3.36 | 27 | 0.04 | 0.02 | 50 | 110 | 64 | 10 | 185 | 1400 | 22 |
| 23 | 1400 | 0.00 | 16 | 0.00 | 0.55 | 4 | 2599 | 91 | 2.3 | 37 | 0.74 | 0.28 | 0.09 | 3.39 | 27 | 0.08 | 0.03 | 49 | 115 | 140 | 22 | 279 | 1400 | 23 |
| 24 | 1400 | 0.00 | 45 | 0.00 | 0.75 | 5 | 2624 | 88 | 3.7 | 61 | 1.19 | 0.72 | 0.09 | 3.53 | 28 | 0.20 | 0.07 | 49 | 120 | 321 | 52 | 494 | 1400 | 24 |
| 25 | 1400 | 0.00 | 37 | 0.00 | 0.90 | 6 | 2692 | 85 | 3.1 | 49 | 0.98 | 0.48 | 0.09 | 4.03 | 32 | 0.15 | 0.10 | 48 | 125 | 641 | 81 | 849 | 1400 | 25 |
| 26 | 1400 | 0.00 | 84 | 0.00 | 1.49 | 10 | 2744 | 77 | 6.8 | 78 | 2.18 | 1.71 | 0.09 | 4.32 | 35 | 0.59 | 0.24 | 47 | 129 | 1157 | 179 | 1467 | 1400 | 26 |
| 27 | 1400 | 0.00 | 90 | 0.00 | 2.29 | 15 | 2910 | 68 | 8.2 | 73 | 2.62 | 1.90 | 0.09 | 5.69 | 42 | 0.80 | 0.44 | 42 | 134 | 2132 | 490 | 2757 | 1400 | 27 |
| 28 | 1400 | 0.46 | 45 | 0.10 | 2.42 | 16 | 3174 | 66 | 2.2 | 38 | 0.71 | 0.48 | 0.09 | 7.22 | 46 | 0.22 | 0.41 | 31 | 139 | 3475 | 567 | 4183 | 1400 | 28 |
| 29 | 1400 | 0.01 | 84 | 0.10 | 2.93 | 20 | 3228 | 61 | 5.7 | 60 | 1.84 | 1.11 | 0.09 | 7.52 | 47 | 0.52 | 0.50 | 32 | 146 | 4448 | 395 | 4991 | 1400 | 29 |
| 30 | 1400 | 0.10 | 93 | 0.15 | 3.69 | 25 | 3454 | 54 | 8.2 | 58 | 2.62 | 1.61 | 0.09 | 8.39 | 50 | 0.80 | 0.70 | 29 | 156 | 4985 | 772 | 5914 | 1400 | 30 |
| 31 | 1400 | 0.29 | 70 | 0.26 | 3.93 | 26 | 3707 | 52 | 3.4 | 41 | 1.09 | 0.65 | 0.09 | 9.76 | 54 | 0.35 | 0.67 | 25 | 168 | 5624 | 943 | 6737 | 1400 | 31 |

FORM 1413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.O., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 61 | 0.35 | 4.08 | 27 | 3785 | 51 | 2.5 | 36 | 0.79 | 0.46 | 0.09 | 10.20 | 55 | 0.25 | 0.62 | 26 | 186 | 6015 | 476 | 6678 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.35 | 4.08 | 27 | 3836 | 51 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 10.48 | 56 | 0.00 | 0.48 | 27 | 208 | 5482 | 206 | 5896 | 1400 | 2 |
| 3 | 1400 | 0.01 | 45 | 0.35 | 4.13 | 28 | 3836 | 51 | 1.2 | 21 | 0.39 | 0.08 | 0.09 | 10.44 | 56 | 0.05 | 0.40 | 29 | 236 | 4143 | 45 | 4425 | 1400 | 3 |
| 4 | 1400 | 0.00 | 61 | 0.35 | 4.27 | 28 | 3851 | 49 | 2.4 | 34 | 0.76 | 0.26 | 0.09 | 10.42 | 55 | 0.14 | 0.38 | 32 | 269 | 2708 | 52 | 3031 | 1400 | 4 |
| 5 | 1400 | 0.00 | 61 | 0.35 | 4.41 | 29 | 3898 | 48 | 2.3 | 33 | 0.74 | 0.24 | 0.09 | 10.57 | 56 | 0.14 | 0.36 | 33 | 307 | 1812 | 93 | 2213 | 1400 | 5 |
| 6 | 1400 | 0.30 | 1 | 0.36 | 4.41 | 29 | 3942 | 48 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 10.70 | 56 | 0.00 | 0.28 | 34 | 350 | 1452 | 67 | 1871 | 1400 | 6 |
| 7 | 1400 | 0.00 | 84 | 0.36 | 4.76 | 32 | 3942 | 45 | 4.7 | 42 | 1.50 | 0.62 | 0.09 | 10.65 | 56 | 0.35 | 0.39 | 39 | 397 | 1333 | 112 | 1843 | 1400 | 7 |
| 8 | 1400 | 0.00 | 87 | 0.36 | 5.16 | 34 | 4051 | 42 | 5.4 | 40 | 1.74 | 0.69 | 0.09 | 11.16 | 58 | 0.40 | 0.51 | 33 | 447 | 1572 | 329 | 2350 | 1400 | 8 |
| 9 | 1400 | 0.00 | 90 | 0.36 | 5.60 | 37 | 4169 | 39 | 6.2 | 38 | 1.97 | 0.75 | 0.09 | 11.77 | 59 | 0.44 | 0.64 | 29 | 499 | 2336 | 515 | 3351 | 1400 | 9 |
| 10 | 1400 | 0.00 | 87 | 0.36 | 5.93 | 40 | 4283 | 37 | 5.0 | 33 | 1.61 | 0.54 | 0.09 | 12.46 | 62 | 0.34 | 0.70 | 26 | 552 | 3289 | 581 | 4423 | 1400 | 10 |
| 11 | 1400 | 0.00 | 98 | 0.36 | 6.79 | 45 | 4352 | 32 | 11.7 | 36 | 3.74 | 1.33 | 0.09 | 12.92 | 65 | 0.86 | 1.13 | 25 | 605 | 4142 | 1341 | 6089 | 1400 | 11 |
| 12 | 1400 | 0.00 | 98 | 0.36 | 7.64 | 51 | 4529 | 27 | 12.0 | 31 | 3.85 | 1.18 | 0.09 | 14.31 | 72 | 0.85 | 1.56 | 18 | 658 | 5118 | 3253 | 9031 | 1400 | 12 |
| 13 | 1400 | 0.00 | 95 | 0.36 | 8.02 | 53 | 4704 | 25 | 6.5 | 25 | 2.08 | 0.51 | 0.09 | 15.46 | 75 | 0.38 | 1.55 | 13 | 712 | 6157 | 3279 | 10149 | 1400 | 13 |
| 14 | 1400 | 0.07 | 97 | 0.41 | 8.47 | 56 | 4783 | 22 | 8.1 | 23 | 2.58 | 0.66 | 0.09 | 15.89 | 75 | 0.50 | 1.66 | 13 | 764 | 6658 | 1854 | 9278 | 1400 | 14 |
| 15 | 1400 | 0.00 | 98 | 0.41 | 8.90 | 59 | 4875 | 20 | 8.7 | 21 | 2.77 | 0.57 | 0.09 | 16.49 | 75 | 0.43 | 1.77 | 12 | 817 | 6500 | 1917 | 9235 | 1400 | 15 |
| 16 | 1400 | 0.83 | 87 | 0.95 | 9.00 | 60 | 4960 | 20 | 2.9 | 14 | 0.93 | 0.86 | 0.09 | 17.13 | 75 | 0.64 | 1.62 | 11 | 868 | 6250 | 1858 | 8977 | 1400 | 16 |
| 17 | 1400 | 0.00 | 84 | 0.95 | 9.06 | 60 | 4971 | 19 | 2.0 | 13 | 0.65 | 0.08 | 0.09 | 17.46 | 75 | 0.06 | 1.34 | 13 | 919 | 6160 | 1218 | 8299 | 1400 | 17 |
| 18 | 1400 | 0.00 | 87 | 0.95 | 9.16 | 61 | 4978 | 19 | 2.8 | 14 | 0.90 | 0.13 | 0.09 | 17.48 | 75 | 0.09 | 1.16 | 16 | 969 | 5635 | 303 | 6909 | 1400 | 18 |
| 19 | 1400 | 0.00 | 84 | 0.95 | 9.22 | 61 | 4989 | 19 | 2.0 | 12 | 0.63 | 0.08 | 0.09 | 17.55 | 75 | 0.06 | 0.98 | 18 | 1018 | 4351 | 116 | 5486 | 1400 | 19 |
| 20 | 1400 | 0.03 | 96 | 0.97 | 9.47 | 63 | 4996 | 18 | 6.3 | 17 | 2.01 | 0.36 | 0.09 | 17.56 | 75 | 0.27 | 1.07 | 20 | 1064 | 3027 | 255 | 4348 | 1400 | 20 |
| 21 | 1400 | 0.03 | 87 | 0.99 | 9.55 | 64 | 5061 | 18 | 2.6 | 13 | 0.84 | 0.13 | 0.09 | 17.95 | 75 | 0.10 | 0.94 | 19 | 1109 | 2332 | 417 | 3859 | 1400 | 21 |
| 22 | 1400 | 0.24 | 93 | 1.16 | 9.70 | 65 | 5084 | 17 | 4.2 | 15 | 1.35 | 0.42 | 0.09 | 18.02 | 75 | 0.32 | 0.96 | 21 | 1150 | 2207 | 329 | 3688 | 1400 | 22 |
| 23 | 1400 | 0.00 | 78 | 1.16 | 9.72 | 65 | 5127 | 17 | 1.1 | 8 | 0.36 | 0.03 | 0.09 | 18.31 | 75 | 0.02 | 0.78 | 21 | 1189 | 2302 | 351 | 3843 | 1400 | 23 |
| 24 | 1400 | 0.00 | 93 | 1.16 | 9.86 | 66 | 5132 | 17 | 4.2 | 14 | 1.33 | 0.19 | 0.09 | 18.26 | 75 | 0.14 | 0.80 | 24 | 1223 | 2257 | 146 | 3627 | 1400 | 24 |
| 25 | 1400 | 0.00 | 96 | 1.16 | 10.07 | 67 | 5173 | 16 | 6.0 | 15 | 1.91 | 0.28 | 0.09 | 18.45 | 75 | 0.21 | 0.91 | 24 | 1254 | 2035 | 262 | 3552 | 1400 | 25 |
| 26 | 1400 | 0.00 | 98 | 1.16 | 10.34 | 69 | 5232 | 15 | 7.8 | 15 | 2.49 | 0.36 | 0.09 | 18.80 | 75 | 0.27 | 1.10 | 22 | 1280 | 1978 | 523 | 3783 | 1400 | 26 |
| 27 | 1400 | 0.00 | 95 | 1.16 | 10.49 | 70 | 5309 | 15 | 4.8 | 13 | 1.54 | 0.19 | 0.09 | 19.30 | 75 | 0.15 | 1.08 | 19 | 1302 | 2173 | 596 | 4072 | 1400 | 27 |
| 28 | 1400 | 0.00 | 95 | 1.16 | 10.63 | 71 | 5350 | 14 | 4.7 | 12 | 1.52 | 0.18 | 0.09 | 19.55 | 75 | 0.14 | 1.05 | 19 | 1319 | 2328 | 334 | 3983 | 1400 | 28 |
| 29 | 1400 | 0.00 | 95 | 1.16 | 10.76 | 72 | 5389 | 14 | 4.7 | 12 | 1.49 | 0.18 | 0.09 | 19.78 | 75 | 0.13 | 1.03 | 19 | 1332 | 2271 | 257 | 3861 | 1400 | 29 |
| 30 | 1400 | 0.00 | 90 | 1.16 | 10.82 | 72 | 5426 | 14 | 2.8 | 10 | 0.91 | 0.09 | 0.09 | 20.01 | 75 | 0.07 | 0.91 | 20 | 1341 | 2062 | 193 | 3598 | 1400 | 30 |

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

FORM 1417-4 PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

| RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION |
|---|---|---|---|
| | 250881 | 1 MAY 1972 1400 | 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS |

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 97 | 1.16 | 11.01 | 73 | 5445 | 13 | 6.5 | 12 | 2.07 | 0.25 | 0.09 | 20.08 | 75 | 0.18 | 1.02 | 21 | 1346 | 1824 | 214 | 3385 | 1400 | 1 |
| 2 | 1400 | 0.00 | 98 | 1.16 | 11.27 | 75 | 5497 | 12 | 9.2 | 12 | 2.96 | 0.35 | 0.10 | 20.46 | 75 | 0.26 | 1.27 | 20 | 1346 | 1742 | 579 | 3668 | 1400 | 2 |
| 3 | 1400 | 0.00 | 99 | 1.16 | 11.63 | 78 | 5571 | 11 | 12.5 | 12 | 4.01 | 0.48 | 0.10 | 21.08 | 75 | 0.36 | 1.70 | 17 | 1343 | 1956 | 1332 | 4633 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.16 | 12.02 | 80 | 5673 | 10 | 15.1 | 11 | 4.83 | 0.52 | 0.10 | 22.07 | 75 | 0.39 | 2.20 | 12 | 1337 | 2352 | 2463 | 6153 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.16 | 12.38 | 83 | 5783 | 9 | 15.6 | 10 | 4.99 | 0.48 | 0.10 | 23.31 | 75 | 0.36 | 2.62 | 7 | 1327 | 2688 | 3306 | 7322 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.16 | 12.70 | 85 | 5884 | 7 | 16.1 | 8 | 5.17 | 0.43 | 0.10 | 24.60 | 75 | 0.32 | 2.99 | 6 | 1315 | 2813 | 3467 | 7596 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.16 | 12.98 | 87 | 5976 | 7 | 15.7 | 7 | 5.04 | 0.37 | 0.10 | 25.95 | 75 | 0.28 | 3.25 | 4 | 1300 | 2733 | 3268 | 7302 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.16 | 13.18 | 88 | 6145 | 6 | 13.4 | 6 | 4.29 | 0.27 | 0.10 | 27.24 | 75 | 0.21 | 3.30 | 4 | 1283 | 2528 | 2678 | 6490 | 1400 | 8 |
| 9 | 1400 | 0.00 | 99 | 1.16 | 13.31 | 89 | 6301 | 6 | 9.2 | 5 | 2.96 | 0.16 | 0.10 | 28.30 | 75 | 0.12 | 3.07 | 4 | 1264 | 2270 | 1688 | 5224 | 1400 | 9 |
| 10 | 1400 | 0.00 | 99 | 1.16 | 13.40 | 89 | 6393 | 5 | 8.2 | 5 | 2.62 | 0.13 | 0.10 | 28.94 | 75 | 0.09 | 2.80 | 4 | 1244 | 1995 | 814 | 4054 | 1400 | 10 |
| 11 | 1400 | 0.15 | 99 | 1.27 | 13.49 | 90 | 6464 | 5 | 8.1 | 4 | 2.59 | 0.26 | 0.10 | 29.44 | 75 | 0.20 | 2.60 | 5 | 1222 | 1777 | 696 | 3697 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.28 | 13.65 | 91 | 6530 | 4 | 14.1 | 5 | 4.52 | 0.23 | 0.10 | 29.99 | 75 | 0.17 | 2.84 | 6 | 1199 | 1713 | 1141 | 4054 | 1400 | 12 |
| 13 | 1400 | 0.01 | 99 | 1.28 | 13.74 | 92 | 6653 | 4 | 9.5 | 4 | 3.04 | 0.14 | 0.10 | 31.11 | 75 | 0.10 | 2.73 | 5 | 1175 | 1716 | 1217 | 4110 | 1400 | 13 |
| 14 | 1400 | 0.14 | 98 | 1.39 | 13.78 | 92 | 6725 | 4 | 5.4 | 3 | 1.72 | 0.19 | 0.10 | 31.79 | 75 | 0.14 | 2.37 | 5 | 1150 | 1664 | 692 | 3508 | 1400 | 14 |
| 15 | 1400 | 0.00 | 97 | 1.39 | 13.80 | 92 | 6753 | 4 | 2.9 | 2 | 0.92 | 0.02 | 0.10 | 32.06 | 75 | 0.02 | 1.95 | 7 | 1124 | 1571 | 353 | 3049 | 1400 | 15 |
| 16 | 1400 | 0.07 | 95 | 1.44 | 13.80 | 92 | 6765 | 4 | 1.3 | 1 | 0.41 | 0.07 | 0.10 | 32.09 | 75 | 0.05 | 1.57 | 9 | 1097 | 1401 | 94 | 2592 | 1400 | 16 |
| 17 | 1400 | 0.00 | 96 | 1.44 | 13.81 | 92 | 6768 | 4 | 2.1 | 2 | 0.68 | 0.01 | 0.10 | 32.06 | 75 | 0.01 | 1.28 | 13 | 1069 | 1126 | 43 | 2239 | 1400 | 17 |
| 18 | 1400 | 0.00 | 95 | 1.44 | 13.82 | 92 | 6775 | 4 | 1.3 | 1 | 0.40 | 0.01 | 0.10 | 32.03 | 75 | 0.00 | 1.03 | 17 | 1040 | 823 | 14 | 1879 | 1400 | 18 |
| 19 | 1400 | 0.24 | 90 | 1.60 | 13.82 | 92 | 6778 | 4 | 0.0 | 0 | 0.00 | 0.22 | 0.10 | 31.97 | 75 | 0.16 | 0.84 | 20 | 1010 | 632 | 41 | 1685 | 1400 | 19 |
| 20 | 1400 | 0.02 | 98 | 1.62 | 13.84 | 92 | 6778 | 4 | 4.3 | 3 | 1.36 | 0.05 | 0.10 | 31.96 | 75 | 0.04 | 0.81 | 23 | 980 | 697 | 88 | 1767 | 1400 | 20 |
| 21 | 1400 | 0.00 | 97 | 1.62 | 13.85 | 92 | 6798 | 4 | 2.6 | 2 | 0.84 | 0.02 | 0.10 | 32.09 | 75 | 0.01 | 0.71 | 23 | 950 | 853 | 55 | 1859 | 1400 | 21 |
| 22 | 1400 | 0.00 | 99 | 1.62 | 13.89 | 93 | 6808 | 4 | 5.7 | 3 | 1.81 | 0.05 | 0.10 | 32.11 | 75 | 0.04 | 0.78 | 25 | 918 | 820 | 38 | 1778 | 1400 | 22 |
| 23 | 1400 | 0.00 | 99 | 1.62 | 13.96 | 93 | 6836 | 3 | 8.5 | 3 | 2.72 | 0.09 | 0.10 | 32.35 | 75 | 0.07 | 1.06 | 24 | 887 | 666 | 109 | 1664 | 1400 | 23 |
| 24 | 1400 | 0.82 | 98 | 2.22 | 13.98 | 93 | 6889 | 3 | 3.7 | 2 | 1.17 | 0.83 | 0.10 | 32.94 | 75 | 0.62 | 1.08 | 19 | 855 | 871 | 597 | 2324 | 1400 | 24 |
| 25 | 1400 | 0.10 | 99 | 2.29 | 14.01 | 93 | 6902 | 3 | 5.1 | 2 | 1.64 | 0.14 | 0.10 | 33.29 | 75 | 0.10 | 1.05 | 19 | 824 | 1761 | 939 | 3526 | 1400 | 25 |
| 26 | 1400 | 0.00 | 98 | 2.29 | 14.03 | 94 | 6924 | 3 | 4.3 | 2 | 1.37 | 0.03 | 0.10 | 33.53 | 75 | 0.02 | 0.97 | 19 | 793 | 2602 | 319 | 3715 | 1400 | 26 |
| 27 | 1400 | 0.00 | 99 | 2.29 | 14.05 | 94 | 6940 | 3 | 4.9 | 2 | 1.58 | 0.03 | 0.10 | 33.65 | 75 | 0.03 | 0.94 | 21 | 762 | 2508 | 75 | 3347 | 1400 | 27 |
| 28 | 1400 | 0.20 | 98 | 2.44 | 14.06 | 94 | 6959 | 3 | 2.5 | 2 | 0.79 | 0.21 | 0.10 | 33.83 | 75 | 0.16 | 0.84 | 21 | 732 | 1848 | 96 | 2677 | 1400 | 28 |
| 29 | 1400 | 0.00 | 99 | 2.44 | 14.09 | 94 | 6967 | 3 | 4.8 | 2 | 1.53 | 0.03 | 0.10 | 33.90 | 75 | 0.02 | 0.83 | 23 | 704 | 1374 | 132 | 2211 | 1400 | 29 |
| 30 | 1400 | 0.00 | 98 | 2.44 | 14.10 | 94 | 6985 | 3 | 3.9 | 2 | 1.26 | 0.02 | 0.10 | 34.07 | 75 | 0.02 | 0.78 | 23 | 676 | 1133 | 55 | 1866 | 1400 | 30 |
| 31 | 1400 | 0.00 | 99 | 2.44 | 14.14 | 94 | 6997 | 3 | 5.9 | 2 | 1.90 | 0.05 | 0.10 | 34.16 | 75 | 0.04 | 0.88 | 24 | 650 | 885 | 43 | 1579 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 70 | 10 | 5 | 85 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.02 | 57 | 69 | 6 | 0 | 77 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.91 | 31 | 0.00 | 0.02 | 58 | 69 | 1 | 0 | 71 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.82 | 31 | 0.00 | 0.01 | 58 | 69 | 0 | 0 | 70 | 1400 | 4 |
| 5 | 1400 | 0.00 | 39 | 0.00 | 0.07 | 1 | 2370 | 98 | 3.2 | 74 | 0.32 | 0.23 | 0.09 | 3.73 | 30 | 0.07 | 0.03 | 59 | 69 | 70 | 11 | 152 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.07 | 1 | 2404 | 98 | 0.6 | 21 | 0.06 | 0.01 | 0.09 | 3.81 | 30 | 0.00 | 0.02 | 57 | 69 | 132 | 0 | 203 | 1400 | 6 |
| 7 | 1400 | 0.05 | 5 | 0.00 | 0.10 | 1 | 2406 | 97 | 1.8 | 48 | 0.18 | 0.09 | 0.09 | 3.74 | 30 | 0.03 | 0.02 | 58 | 69 | 63 | 4 | 138 | 1400 | 7 |
| 8 | 1400 | 0.00 | 23 | 0.00 | 0.14 | 2 | 2419 | 96 | 2.4 | 59 | 0.25 | 0.15 | 0.09 | 3.72 | 30 | 0.04 | 0.03 | 58 | 69 | 101 | 7 | 178 | 1400 | 8 |
| 9 | 1400 | 0.00 | 5 | 0.00 | 0.17 | 2 | 2440 | 95 | 1.7 | 46 | 0.18 | 0.08 | 0.09 | 3.74 | 30 | 0.03 | 0.03 | 57 | 69 | 121 | 4 | 195 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.17 | 2 | 2453 | 95 | 0.5 | 18 | 0.05 | 0.01 | 0.09 | 3.71 | 30 | 0.00 | 0.02 | 57 | 69 | 70 | 0 | 140 | 1400 | 10 |
| 11 | 1400 | 0.08 | 5 | 0.00 | 0.20 | 2 | 2454 | 95 | 1.7 | 46 | 0.18 | 0.09 | 0.09 | 3.63 | 29 | 0.03 | 0.02 | 58 | 69 | 43 | 4 | 118 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2466 | 94 | 0.5 | 17 | 0.05 | 0.01 | 0.09 | 3.62 | 29 | 0.00 | 0.02 | 58 | 70 | 52 | 0 | 123 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2467 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.53 | 28 | 0.00 | 0.01 | 58 | 70 | 15 | 0 | 86 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2467 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.44 | 28 | 0.00 | 0.01 | 59 | 71 | 1 | 0 | 73 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2467 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.35 | 27 | 0.00 | 0.01 | 59 | 72 | 0 | 0 | 72 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2467 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.26 | 26 | 0.00 | 0.01 | 59 | 72 | 0 | 0 | 73 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.00 | 0.21 | 2 | 2467 | 94 | 1.0 | 33 | 0.11 | 0.04 | 0.09 | 3.17 | 25 | 0.01 | 0.01 | 59 | 73 | 9 | 1 | 84 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.00 | 0.21 | 2 | 2471 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.12 | 25 | 0.00 | 0.01 | 59 | 73 | 16 | 0 | 90 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.00 | 0.21 | 2 | 2471 | 94 | 0.5 | 17 | 0.05 | 0.01 | 0.09 | 3.05 | 24 | 0.00 | 0.01 | 59 | 73 | 5 | 0 | 80 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.00 | 0.21 | 2 | 2472 | 94 | 0.5 | 17 | 0.05 | 0.01 | 0.09 | 3.01 | 24 | 0.00 | 0.00 | 59 | 73 | 6 | 0 | 80 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.00 | 0.22 | 2 | 2473 | 94 | 1.0 | 33 | 0.11 | 0.04 | 0.09 | 2.95 | 24 | 0.01 | 0.01 | 60 | 72 | 13 | 1 | 87 | 1400 | 21 |
| 22 | 1400 | 0.00 | 5 | 0.00 | 0.24 | 3 | 2478 | 93 | 1.7 | 44 | 0.18 | 0.08 | 0.09 | 2.91 | 23 | 0.02 | 0.01 | 59 | 72 | 34 | 3 | 110 | 1400 | 22 |
| 23 | 1400 | 0.00 | 23 | 0.00 | 0.27 | 3 | 2487 | 92 | 2.3 | 55 | 0.25 | 0.14 | 0.09 | 2.89 | 23 | 0.03 | 0.01 | 59 | 71 | 68 | 5 | 145 | 1400 | 23 |
| 24 | 1400 | 0.00 | 62 | 0.00 | 0.36 | 4 | 2502 | 90 | 4.2 | 80 | 0.46 | 0.37 | 0.09 | 2.91 | 23 | 0.08 | 0.03 | 59 | 70 | 151 | 14 | 237 | 1400 | 24 |
| 25 | 1400 | 0.00 | 50 | 0.00 | 0.42 | 5 | 2543 | 88 | 3.4 | 71 | 0.38 | 0.27 | 0.09 | 3.13 | 25 | 0.07 | 0.04 | 57 | 69 | 241 | 12 | 322 | 1400 | 25 |
| 26 | 1400 | 0.00 | 98 | 0.00 | 0.64 | 7 | 2576 | 82 | 8.5 | 88 | 0.95 | 0.64 | 0.09 | 3.27 | 26 | 0.22 | 0.09 | 56 | 68 | 401 | 39 | 510 | 1400 | 26 |
| 27 | 1400 | 0.00 | 99 | 0.00 | 0.95 | 11 | 2683 | 76 | 10.3 | 82 | 1.21 | 0.99 | 0.09 | 3.93 | 31 | 0.31 | 0.16 | 51 | 68 | 838 | 63 | 971 | 1400 | 27 |
| 28 | 1400 | 0.46 | 62 | 0.11 | 1.06 | 12 | 2797 | 74 | 3.5 | 63 | 0.44 | 0.57 | 0.09 | 4.74 | 38 | 0.22 | 0.18 | 47 | 69 | 1058 | 48 | 1176 | 1400 | 28 |
| 29 | 1400 | 0.01 | 98 | 0.11 | 1.37 | 15 | 2832 | 68 | 7.9 | 74 | 1.02 | 0.76 | 0.09 | 5.12 | 40 | 0.31 | 0.24 | 46 | 72 | 1072 | 69 | 1213 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 0.16 | 1.79 | 20 | 2931 | 60 | 10.7 | 68 | 1.47 | 1.10 | 0.09 | 5.70 | 42 | 0.46 | 0.34 | 42 | 77 | 1508 | 152 | 1738 | 1400 | 30 |
| 31 | 1400 | 0.29 | 88 | 0.27 | 2.00 | 22 | 3100 | 57 | 5.4 | 59 | 0.81 | 0.73 | 0.09 | 6.64 | 45 | 0.33 | 0.37 | 35 | 85 | 1856 | 112 | 2054 | 1400 | 31 |

FORM 1512

PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.C., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.169 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 81 | 0.38 | 2.17 | 24 | 3178 | 55 | 4.3 | 55 | 0.69 | 0.61 | 0.09 | 7.19 | 46 | 0.28 | 0.39 | 33 | 96 | 1661 | 95 | 1853 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.38 | 2.17 | 24 | 3241 | 55 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 7.63 | 48 | 0.00 | 0.30 | 33 | 111 | 1056 | 2 | 1170 | 1400 | 2 |
| 3 | 1400 | 0.01 | 62 | 0.38 | 2.26 | 25 | 3241 | 54 | 2.6 | 43 | 0.44 | 0.19 | 0.09 | 7.59 | 47 | 0.09 | 0.27 | 37 | 128 | 340 | 23 | 493 | 1400 | 3 |
| 4 | 1400 | 0.00 | 81 | 0.38 | 2.44 | 27 | 3273 | 51 | 4.1 | 51 | 0.72 | 0.37 | 0.09 | 7.69 | 48 | 0.18 | 0.29 | 39 | 148 | 536 | 44 | 730 | 1400 | 4 |
| 5 | 1400 | 0.00 | 81 | 0.38 | 2.61 | 29 | 3336 | 49 | 4.0 | 49 | 0.73 | 0.36 | 0.09 | 7.98 | 49 | 0.17 | 0.30 | 38 | 170 | 798 | 45 | 1014 | 1400 | 5 |
| 6 | 1400 | 0.30 | 5 | 0.39 | 2.61 | 29 | 3399 | 49 | 0.0 | 0 | 0.00 | 0.02 | 0.09 | 8.27 | 49 | 0.01 | 0.24 | 37 | 193 | 602 | 3 | 798 | 1400 | 6 |
| 7 | 1400 | 0.00 | 98 | 0.39 | 2.92 | 32 | 3399 | 44 | 6.8 | 49 | 1.29 | 0.63 | 0.09 | 8.22 | 49 | 0.31 | 0.34 | 42 | 216 | 569 | 99 | 885 | 1400 | 7 |
| 8 | 1400 | 0.00 | 98 | 0.39 | 3.27 | 36 | 3510 | 40 | 7.5 | 44 | 1.54 | 0.68 | 0.09 | 8.85 | 51 | 0.35 | 0.45 | 35 | 240 | 1337 | 148 | 1726 | 1400 | 8 |
| 9 | 1400 | 0.00 | 99 | 0.39 | 3.65 | 41 | 3632 | 36 | 8.1 | 40 | 1.81 | 0.72 | 0.09 | 9.60 | 53 | 0.38 | 0.58 | 30 | 263 | 1767 | 213 | 2244 | 1400 | 9 |
| 10 | 1400 | 0.00 | 98 | 0.39 | 3.98 | 44 | 3728 | 33 | 6.8 | 36 | 1.66 | 0.60 | 0.09 | 10.44 | 56 | 0.33 | 0.67 | 27 | 286 | 1917 | 195 | 2400 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.39 | 4.66 | 52 | 3812 | 26 | 13.6 | 33 | 3.61 | 1.18 | 0.09 | 11.16 | 58 | 0.68 | 1.09 | 26 | 309 | 2308 | 920 | 3538 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.39 | 5.40 | 60 | 3983 | 20 | 14.1 | 26 | 4.32 | 1.13 | 0.09 | 12.98 | 65 | 0.73 | 1.66 | 19 | 332 | 3086 | 1754 | 5173 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 0.39 | 5.81 | 65 | 4267 | 17 | 8.6 | 19 | 2.88 | 0.56 | 0.09 | 14.92 | 75 | 0.42 | 1.82 | 13 | 355 | 2894 | 862 | 4112 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 0.44 | 6.28 | 70 | 4367 | 15 | 10.5 | 17 | 3.65 | 0.70 | 0.09 | 15.66 | 75 | 0.52 | 2.13 | 12 | 378 | 2370 | 1517 | 4267 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.44 | 6.74 | 75 | 4479 | 12 | 11.3 | 15 | 4.13 | 0.60 | 0.09 | 16.66 | 75 | 0.45 | 2.46 | 10 | 401 | 2170 | 1596 | 4169 | 1400 | 15 |
| 16 | 1400 | 0.83 | 98 | 1.05 | 6.92 | 77 | 4588 | 11 | 5.1 | 12 | 1.96 | 1.05 | 0.09 | 17.80 | 75 | 0.79 | 2.41 | 10 | 424 | 2653 | 1678 | 4757 | 1400 | 16 |
| 17 | 1400 | 0.00 | 98 | 1.05 | 7.05 | 78 | 4630 | 11 | 4.0 | 11 | 1.58 | 0.18 | 0.09 | 18.51 | 75 | 0.13 | 2.16 | 10 | 447 | 2914 | 175 | 3537 | 1400 | 17 |
| 18 | 1400 | 0.00 | 98 | 1.05 | 7.20 | 80 | 4662 | 10 | 5.0 | 10 | 1.97 | 0.21 | 0.09 | 18.84 | 75 | 0.15 | 2.04 | 10 | 468 | 1314 | 212 | 1996 | 1400 | 18 |
| 19 | 1400 | 0.00 | 98 | 1.05 | 7.32 | 81 | 4699 | 9 | 3.9 | 10 | 1.57 | 0.15 | 0.09 | 19.28 | 75 | 0.11 | 1.87 | 10 | 488 | 907 | 123 | 1520 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.08 | 7.56 | 84 | 4726 | 8 | 8.9 | 9 | 3.58 | 0.35 | 0.09 | 19.60 | 75 | 0.27 | 2.14 | 11 | 506 | 915 | 737 | 2160 | 1400 | 20 |
| 21 | 1400 | 0.03 | 98 | 1.10 | 7.67 | 85 | 4784 | 7 | 4.8 | 8 | 1.96 | 0.18 | 0.09 | 20.56 | 75 | 0.14 | 2.02 | 10 | 522 | 1039 | 203 | 1765 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 1.28 | 7.82 | 87 | 4811 | 6 | 6.7 | 7 | 2.79 | 0.44 | 0.09 | 21.00 | 75 | 0.33 | 2.13 | 10 | 535 | 1148 | 761 | 2445 | 1400 | 22 |
| 23 | 1400 | 0.00 | 95 | 1.28 | 7.87 | 87 | 4846 | 6 | 2.7 | 6 | 1.14 | 0.06 | 0.09 | 21.78 | 75 | 0.05 | 1.84 | 10 | 545 | 1166 | 54 | 1767 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.28 | 8.00 | 89 | 4858 | 5 | 6.7 | 6 | 2.79 | 0.17 | 0.09 | 21.95 | 75 | 0.13 | 1.94 | 12 | 553 | 604 | 253 | 1411 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.28 | 8.14 | 90 | 4888 | 5 | 8.5 | 5 | 3.58 | 0.19 | 0.09 | 22.63 | 75 | 0.14 | 2.18 | 11 | 557 | 641 | 405 | 1605 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.28 | 8.28 | 92 | 4922 | 4 | 10.0 | 5 | 4.25 | 0.19 | 0.09 | 23.56 | 75 | 0.15 | 2.52 | 10 | 559 | 635 | 527 | 1723 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.28 | 8.36 | 93 | 4957 | 3 | 6.5 | 4 | 2.79 | 0.11 | 0.09 | 24.72 | 75 | 0.08 | 2.47 | 10 | 558 | 539 | 175 | 1273 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.28 | 8.43 | 94 | 4976 | 3 | 6.2 | 3 | 2.68 | 0.09 | 0.09 | 25.39 | 75 | 0.07 | 2.41 | 10 | 554 | 430 | 137 | 1123 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 1.28 | 8.49 | 94 | 4992 | 3 | 6.0 | 3 | 2.60 | 0.08 | 0.09 | 26.03 | 75 | 0.06 | 2.34 | 10 | 548 | 366 | 113 | 1029 | 1400 | 29 |
| 30 | 1400 | 0.00 | 99 | 1.28 | 8.52 | 95 | 5051 | 3 | 3.8 | 3 | 1.65 | 0.04 | 0.09 | 26.64 | 75 | 0.03 | 2.11 | 10 | 540 | 297 | 38 | 877 | 1400 | 30 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.438 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 1.28 | 8.58 | 95 | 5120 | 2 | 7.7 | 2 | 3.35 | 0.08 | 0.09 | 26.97 | 75 | 0.06 | 2.26 | 10 | 530 | 255 | 164 | 951 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.28 | 8.66 | 96 | 5250 | 2 | 10.4 | 2 | 4.58 | 0.10 | 0.10 | 27.80 | 75 | 0.07 | 2.63 | 10 | 518 | 282 | 287 | 1088 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.28 | 8.74 | 97 | 5404 | 1 | 14.2 | 2 | 6.25 | 0.11 | 0.10 | 29.03 | 75 | 0.08 | 3.32 | 10 | 504 | 256 | 399 | 1161 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.28 | 8.81 | 98 | 5575 | 1 | 16.9 | 1 | 7.49 | 0.10 | 0.10 | 30.87 | 75 | 0.07 | 4.17 | 10 | 490 | 208 | 391 | 1089 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.28 | 8.87 | 99 | 5728 | 1 | 17.7 | 1 | 7.86 | 0.07 | 0.10 | 33.19 | 75 | 0.05 | 4.87 | 10 | 474 | 155 | 292 | 922 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.28 | 8.91 | 99 | 5840 | 1 | 18.5 | 1 | 8.25 | 0.05 | 0.10 | 35.57 | 75 | 0.04 | 5.44 | 10 | 457 | 109 | 213 | 780 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.28 | 8.93 | 99 | 5919 | 0 | 18.3 | 0 | 8.21 | 0.03 | 0.10 | 37.95 | 75 | 0.03 | 5.72 | 10 | 439 | 74 | 141 | 655 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.28 | 8.95 | 99 | 5972 | 0 | 16.2 | 0 | 7.27 | 0.02 | 0.10 | 40.10 | 75 | 0.01 | 5.59 | 10 | 421 | 49 | 79 | 551 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.28 | 8.95 | 99 | 6004 | 0 | 12.2 | 0 | 5.46 | 0.01 | 0.10 | 41.69 | 75 | 0.01 | 5.07 | 10 | 403 | 33 | 36 | 473 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.28 | 8.96 | 100 | 6025 | 0 | 11.1 | 0 | 5.00 | 0.01 | 0.10 | 42.63 | 75 | 0.01 | 4.53 | 10 | 385 | 23 | 23 | 433 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 1.39 | 8.96 | 100 | 6041 | 0 | 11.1 | 0 | 4.99 | 0.16 | 0.10 | 43.38 | 75 | 0.12 | 4.08 | 10 | 366 | 130 | 494 | 992 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.40 | 8.97 | 100 | 6053 | 0 | 18.1 | 0 | 8.12 | 0.02 | 0.10 | 44.09 | 75 | 0.01 | 3.96 | 10 | 348 | 223 | 82 | 654 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 1.41 | 8.97 | 100 | 6068 | 0 | 14.1 | 0 | 6.32 | 0.01 | 0.10 | 45.17 | 75 | 0.01 | 3.55 | 10 | 330 | 69 | 52 | 452 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 1.51 | 8.97 | 100 | 6076 | 0 | 9.0 | 0 | 4.06 | 0.14 | 0.10 | 45.75 | 75 | 0.11 | 3.04 | 10 | 312 | 152 | 376 | 841 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.51 | 8.98 | 100 | 6080 | 0 | 6.0 | 0 | 2.71 | 0.00 | 0.10 | 46.04 | 75 | 0.00 | 2.51 | 10 | 295 | 240 | 9 | 546 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 1.56 | 8.98 | 100 | 6083 | 0 | 4.0 | 0 | 1.81 | 0.07 | 0.10 | 46.14 | 75 | 0.05 | 2.06 | 10 | 278 | 155 | 68 | 503 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 1.56 | 8.98 | 100 | 6084 | 0 | 5.0 | 0 | 2.26 | 0.00 | 0.10 | 46.19 | 75 | 0.00 | 1.71 | 10 | 262 | 190 | 2 | 455 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 1.56 | 8.98 | 100 | 6085 | 0 | 4.0 | 0 | 1.81 | 0.00 | 0.10 | 46.23 | 75 | 0.00 | 1.41 | 13 | 246 | 42 | 0 | 290 | 1400 | 18 |
| 19 | 1400 | 0.24 | 99 | 1.74 | 8.98 | 100 | 6086 | 0 | 2.0 | 0 | 0.91 | 0.24 | 0.10 | 46.23 | 75 | 0.18 | 1.18 | 16 | 231 | 355 | 125 | 712 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 1.76 | 8.98 | 100 | 6087 | 0 | 8.0 | 0 | 3.61 | 0.02 | 0.10 | 46.27 | 75 | 0.02 | 1.05 | 18 | 217 | 656 | 39 | 916 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 1.76 | 8.98 | 100 | 6089 | 0 | 6.0 | 0 | 2.71 | 0.00 | 0.10 | 46.37 | 75 | 0.00 | 0.91 | 19 | 204 | 178 | 1 | 384 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.76 | 8.98 | 100 | 6090 | 0 | 10.0 | 0 | 4.51 | 0.00 | 0.10 | 46.40 | 75 | 0.00 | 0.84 | 22 | 191 | 21 | 1 | 215 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.76 | 8.98 | 100 | 6092 | 0 | 14.0 | 0 | 6.30 | 0.00 | 0.10 | 46.49 | 75 | 0.00 | 0.81 | 23 | 179 | 3 | 2 | 186 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 2.37 | 8.98 | 100 | 6094 | 0 | 8.0 | 0 | 3.60 | 0.82 | 0.10 | 46.62 | 75 | 0.62 | 0.83 | 23 | 168 | 714 | 1610 | 2494 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 2.45 | 8.98 | 100 | 6095 | 0 | 10.0 | 0 | 4.50 | 0.10 | 0.10 | 46.69 | 75 | 0.08 | 0.74 | 23 | 158 | 1379 | 246 | 1785 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.45 | 8.98 | 100 | 6096 | 0 | 9.0 | 0 | 4.05 | 0.00 | 0.10 | 46.94 | 75 | 0.00 | 0.63 | 25 | 149 | 433 | 5 | 588 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.45 | 8.98 | 100 | 6096 | 0 | 10.0 | 0 | 4.50 | 0.00 | 0.10 | 46.92 | 75 | 0.00 | 0.54 | 26 | 141 | 55 | 0 | 198 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 2.60 | 8.98 | 100 | 6097 | 0 | 7.0 | 0 | 3.15 | 0.20 | 0.10 | 46.89 | 75 | 0.15 | 0.49 | 28 | 135 | 208 | 238 | 582 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.60 | 8.98 | 100 | 6098 | 0 | 10.0 | 0 | 4.50 | 0.00 | 0.10 | 46.91 | 75 | 0.00 | 0.42 | 29 | 130 | 371 | 5 | 508 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.60 | 8.98 | 100 | 6098 | 0 | 9.0 | 0 | 4.05 | 0.00 | 0.10 | 46.87 | 75 | 0.00 | 0.35 | 31 | 126 | 80 | 0 | 208 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.60 | 8.98 | 100 | 6098 | 0 | 12.0 | 0 | 5.40 | 0.00 | 0.10 | 46.81 | 75 | 0.00 | 0.31 | 34 | 123 | 6 | 0 | 131 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y



FORM 2115-S
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS.

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 108 | 10 | 7 | 125 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.02 | 57 | 107 | 6 | 0 | 115 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.91 | 31 | 0.00 | 0.02 | 58 | 107 | 1 | 0 | 109 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.82 | 31 | 0.00 | 0.01 | 58 | 107 | 0 | 0 | 108 | 1400 | 4 |
| 5 | 1400 | 0.00 | 38 | 0.00 | 0.07 | 1 | 2350 | 98 | 2.8 | 81 | 0.28 | 0.23 | 0.09 | 3.73 | 30 | 0.07 | 0.03 | 59 | 107 | 107 | 17 | 233 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.07 | 1 | 2386 | 98 | 0.6 | 21 | 0.06 | 0.01 | 0.09 | 3.81 | 30 | 0.00 | 0.02 | 57 | 107 | 201 | 1 | 311 | 1400 | 6 |
| 7 | 1400 | 0.05 | 6 | 0.00 | 0.10 | 1 | 2388 | 97 | 1.7 | 51 | 0.17 | 0.09 | 0.09 | 3.74 | 30 | 0.03 | 0.02 | 58 | 107 | 97 | 7 | 212 | 1400 | 7 |
| 8 | 1400 | 0.00 | 23 | 0.00 | 0.14 | 2 | 2401 | 96 | 2.2 | 64 | 0.23 | 0.15 | 0.09 | 3.72 | 30 | 0.04 | 0.03 | 58 | 107 | 154 | 11 | 274 | 1400 | 8 |
| 9 | 1400 | 0.00 | 6 | 0.00 | 0.17 | 2 | 2424 | 95 | 1.6 | 49 | 0.17 | 0.08 | 0.09 | 3.74 | 30 | 0.02 | 0.03 | 57 | 107 | 185 | 6 | 300 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.17 | 2 | 2437 | 95 | 0.5 | 18 | 0.06 | 0.01 | 0.09 | 3.71 | 30 | 0.00 | 0.02 | 57 | 107 | 106 | 0 | 215 | 1400 | 10 |
| 11 | 1400 | 0.08 | 6 | 0.00 | 0.20 | 2 | 2439 | 95 | 1.6 | 48 | 0.17 | 0.09 | 0.09 | 3.63 | 29 | 0.03 | 0.02 | 58 | 107 | 66 | 6 | 181 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2451 | 95 | 0.5 | 17 | 0.06 | 0.01 | 0.09 | 3.62 | 29 | 0.00 | 0.02 | 58 | 107 | 80 | 0 | 188 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2452 | 95 | 0.0 | 1 | 0.00 | 0.00 | 0.09 | 3.53 | 28 | 0.00 | 0.01 | 58 | 107 | 23 | 0 | 131 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2452 | 95 | 0.0 | 1 | 0.00 | 0.00 | 0.09 | 3.44 | 28 | 0.00 | 0.01 | 59 | 107 | 2 | 0 | 111 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2452 | 95 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.35 | 27 | 0.00 | 0.01 | 59 | 108 | 0 | 0 | 108 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 2 | 2452 | 95 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.26 | 26 | 0.00 | 0.01 | 59 | 108 | 0 | 0 | 109 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.00 | 0.21 | 2 | 2452 | 94 | 1.0 | 33 | 0.11 | 0.04 | 0.09 | 3.17 | 25 | 0.01 | 0.01 | 59 | 109 | 13 | 2 | 126 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.00 | 0.21 | 2 | 2457 | 94 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.12 | 25 | 0.00 | 0.01 | 59 | 109 | 25 | 0 | 135 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.00 | 0.21 | 2 | 2457 | 94 | 0.5 | 17 | 0.05 | 0.01 | 0.09 | 3.04 | 24 | 0.00 | 0.01 | 59 | 110 | 8 | 0 | 120 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.00 | 0.21 | 2 | 2458 | 94 | 0.5 | 17 | 0.05 | 0.01 | 0.09 | 3.01 | 24 | 0.00 | 0.00 | 59 | 110 | 9 | 0 | 121 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.00 | 0.22 | 2 | 2459 | 94 | 1.0 | 33 | 0.11 | 0.04 | 0.09 | 2.95 | 24 | 0.01 | 0.01 | 60 | 110 | 20 | 2 | 133 | 1400 | 21 |
| 22 | 1400 | 0.00 | 6 | 0.00 | 0.24 | 3 | 2463 | 93 | 1.6 | 47 | 0.17 | 0.08 | 0.09 | 2.91 | 23 | 0.02 | 0.01 | 59 | 110 | 52 | 4 | 168 | 1400 | 22 |
| 23 | 1400 | 0.00 | 23 | 0.00 | 0.27 | 3 | 2473 | 93 | 2.1 | 60 | 0.23 | 0.14 | 0.09 | 2.88 | 23 | 0.03 | 0.01 | 59 | 110 | 103 | 8 | 222 | 1400 | 23 |
| 24 | 1400 | 0.00 | 67 | 0.00 | 0.36 | 4 | 2489 | 90 | 4.3 | 83 | 0.46 | 0.38 | 0.09 | 2.91 | 23 | 0.09 | 0.03 | 59 | 110 | 236 | 23 | 370 | 1400 | 24 |
| 25 | 1400 | 0.00 | 53 | 0.00 | 0.43 | 5 | 2535 | 88 | 3.3 | 76 | 0.37 | 0.28 | 0.09 | 3.14 | 25 | 0.07 | 0.04 | 57 | 109 | 382 | 19 | 512 | 1400 | 25 |
| 26 | 1400 | 0.00 | 96 | 0.00 | 0.65 | 7 | 2571 | 82 | 8.8 | 86 | 0.99 | 0.85 | 0.09 | 3.29 | 26 | 0.22 | 0.09 | 56 | 109 | 634 | 62 | 806 | 1400 | 26 |
| 27 | 1400 | 0.00 | 96 | 0.00 | 0.98 | 11 | 2686 | 75 | 10.6 | 82 | 1.25 | 1.02 | 0.09 | 3.96 | 32 | 0.32 | 0.16 | 51 | 108 | 1323 | 101 | 1533 | 1400 | 27 |
| 28 | 1400 | 0.46 | 67 | 0.12 | 1.09 | 12 | 2809 | 73 | 3.7 | 66 | 0.46 | 0.61 | 0.09 | 4.80 | 38 | 0.24 | 0.19 | 47 | 108 | 1706 | 80 | 1895 | 1400 | 28 |
| 29 | 1400 | 0.01 | 96 | 0.12 | 1.41 | 16 | 2850 | 67 | 8.3 | 71 | 1.08 | 0.78 | 0.09 | 5.21 | 41 | 0.32 | 0.25 | 46 | 108 | 1750 | 110 | 1970 | 1400 | 29 |
| 30 | 1400 | 0.10 | 98 | 0.17 | 1.84 | 20 | 2957 | 59 | 11.0 | 67 | 1.54 | 1.13 | 0.09 | 5.81 | 42 | 0.48 | 0.36 | 41 | 109 | 2419 | 251 | 2780 | 1400 | 30 |
| 31 | 1400 | 0.29 | 90 | 0.28 | 2.07 | 23 | 3119 | 56 | 5.9 | 56 | 0.90 | 0.76 | 0.09 | 6.79 | 45 | 0.34 | 0.40 | 34 | 111 | 2992 | 194 | 3298 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.O., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.173 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 86 | 0.40 | 2.26 | 25 | 3186 | 54 | 4.8 | 53 | 0.78 | 0.66 | 0.09 | 7.37 | 47 | 0.31 | 0.41 | 32 | 115 | 2729 | 174 | 3019 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.40 | 2.26 | 25 | 3242 | 54 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 7.86 | 48 | 0.00 | 0.32 | 32 | 122 | 1771 | 3 | 1898 | 1400 | 2 |
| 3 | 1400 | 0.01 | 67 | 0.40 | 2.37 | 26 | 3242 | 52 | 2.9 | 44 | 0.50 | 0.23 | 0.09 | 7.82 | 48 | 0.11 | 0.30 | 36 | 131 | 595 | 43 | 771 | 1400 | 3 |
| 4 | 1400 | 0.00 | 86 | 0.40 | 2.56 | 28 | 3274 | 49 | 4.6 | 49 | 0.83 | 0.40 | 0.09 | 7.96 | 48 | 0.19 | 0.32 | 37 | 143 | 961 | 81 | 1186 | 1400 | 4 |
| 5 | 1400 | 0.00 | 86 | 0.40 | 2.75 | 31 | 3331 | 47 | 4.5 | 46 | 0.85 | 0.39 | 0.09 | 8.28 | 49 | 0.19 | 0.34 | 36 | 158 | 1398 | 87 | 1645 | 1400 | 5 |
| 6 | 1400 | 0.30 | 6 | 0.41 | 2.75 | 31 | 3388 | 47 | 0.0 | 0 | 0.00 | 0.02 | 0.09 | 8.62 | 50 | 0.01 | 0.27 | 35 | 176 | 1049 | 5 | 1232 | 1400 | 6 |
| 7 | 1400 | 0.00 | 96 | 0.41 | 3.08 | 34 | 3388 | 42 | 7.4 | 45 | 1.46 | 0.66 | 0.09 | 8.57 | 50 | 0.33 | 0.38 | 40 | 197 | 969 | 182 | 1349 | 1400 | 7 |
| 8 | 1400 | 0.00 | 96 | 0.41 | 3.47 | 39 | 3486 | 38 | 8.2 | 42 | 1.75 | 0.74 | 0.09 | 9.26 | 52 | 0.38 | 0.51 | 33 | 220 | 2274 | 297 | 2792 | 1400 | 8 |
| 9 | 1400 | 0.00 | 96 | 0.41 | 3.90 | 43 | 3579 | 34 | 9.0 | 38 | 2.10 | 0.79 | 0.09 | 10.10 | 55 | 0.43 | 0.68 | 29 | 245 | 3048 | 439 | 3734 | 1400 | 9 |
| 10 | 1400 | 0.00 | 96 | 0.41 | 4.28 | 48 | 3667 | 30 | 7.7 | 34 | 2.00 | 0.67 | 0.09 | 11.08 | 57 | 0.38 | 0.81 | 26 | 272 | 3352 | 423 | 4048 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.41 | 5.01 | 56 | 3746 | 23 | 14.3 | 30 | 4.07 | 1.21 | 0.09 | 11.94 | 60 | 0.73 | 1.32 | 23 | 300 | 3859 | 1955 | 6116 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.41 | 5.74 | 64 | 3896 | 18 | 14.4 | 23 | 4.61 | 1.05 | 0.09 | 13.98 | 70 | 0.73 | 1.93 | 17 | 329 | 4656 | 3448 | 8435 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 0.41 | 6.15 | 68 | 4024 | 15 | 8.8 | 18 | 3.06 | 0.54 | 0.09 | 15.68 | 75 | 0.40 | 2.07 | 11 | 360 | 4072 | 1490 | 5924 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 0.47 | 6.59 | 73 | 4176 | 13 | 10.6 | 15 | 3.83 | 0.66 | 0.09 | 16.46 | 75 | 0.49 | 2.36 | 10 | 391 | 3346 | 2449 | 6188 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.47 | 7.00 | 78 | 4342 | 11 | 11.3 | 13 | 4.27 | 0.55 | 0.09 | 17.52 | 75 | 0.42 | 2.68 | 10 | 423 | 2996 | 2327 | 5747 | 1400 | 15 |
| 16 | 1400 | 0.83 | 96 | 1.07 | 7.16 | 80 | 4499 | 10 | 5.1 | 11 | 1.99 | 1.01 | 0.09 | 18.71 | 75 | 0.76 | 2.58 | 10 | 456 | 3747 | 2496 | 6699 | 1400 | 16 |
| 17 | 1400 | 0.00 | 96 | 1.07 | 7.27 | 81 | 4559 | 9 | 4.2 | 8 | 1.66 | 0.14 | 0.09 | 19.43 | 75 | 0.10 | 2.26 | 10 | 489 | 4158 | 226 | 4875 | 1400 | 17 |
| 18 | 1400 | 0.00 | 96 | 1.07 | 7.40 | 82 | 4597 | 9 | 4.9 | 9 | 1.97 | 0.18 | 0.09 | 19.70 | 75 | 0.14 | 2.11 | 10 | 522 | 1746 | 288 | 2558 | 1400 | 18 |
| 19 | 1400 | 0.00 | 96 | 1.07 | 7.49 | 83 | 4649 | 8 | 4.0 | 7 | 1.63 | 0.11 | 0.09 | 20.13 | 75 | 0.08 | 1.08 | 10 | 554 | 1163 | 145 | 1864 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.09 | 7.70 | 86 | 4681 | 7 | 8.8 | 8 | 3.58 | 0.32 | 0.09 | 20.39 | 75 | 0.24 | 2.15 | 11 | 586 | 1155 | 1020 | 2763 | 1400 | 20 |
| 21 | 1400 | 0.03 | 96 | 1.11 | 7.78 | 86 | 4762 | 7 | 3.4 | 7 | 1.39 | 0.13 | 0.09 | 21.34 | 75 | 0.09 | 1.92 | 10 | 617 | 1353 | 155 | 2127 | 1400 | 21 |
| 22 | 1400 | 0.24 | 98 | 1.29 | 7.84 | 87 | 4790 | 6 | 3.3 | 7 | 1.38 | 0.33 | 0.09 | 21.62 | 75 | 0.24 | 1.78 | 11 | 646 | 1483 | 399 | 2530 | 1400 | 22 |
| 23 | 1400 | 0.00 | 95 | 1.29 | 7.87 | 87 | 4815 | 6 | 2.9 | 3 | 1.23 | 0.03 | 0.09 | 21.98 | 75 | 0.03 | 1.49 | 12 | 674 | 1549 | 39 | 2264 | 1400 | 23 |
| 24 | 1400 | 0.00 | 98 | 1.29 | 7.93 | 88 | 4824 | 6 | 3.3 | 6 | 1.37 | 0.08 | 0.09 | 22.03 | 75 | 0.06 | 1.40 | 15 | 699 | 625 | 77 | 1402 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.29 | 8.03 | 89 | 4848 | 5 | 5.2 | 6 | 2.20 | 0.13 | 0.09 | 22.29 | 75 | 0.09 | 1.48 | 16 | 721 | 638 | 191 | 1552 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.29 | 8.14 | 90 | 4883 | 5 | 7.2 | 5 | 3.04 | 0.16 | 0.09 | 22.79 | 75 | 0.12 | 1.71 | 15 | 741 | 814 | 368 | 1925 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.29 | 8.20 | 91 | 4928 | 4 | 4.1 | 5 | 1.76 | 0.08 | 0.09 | 23.55 | 75 | 0.06 | 1.64 | 13 | 757 | 790 | 108 | 1657 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.29 | 8.26 | 92 | 4950 | 4 | 4.1 | 4 | 1.75 | 0.07 | 0.09 | 23.92 | 75 | 0.06 | 1.58 | 14 | 771 | 596 | 93 | 1461 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 1.29 | 8.31 | 92 | 4971 | 4 | 4.1 | 4 | 1.74 | 0.07 | 0.09 | 24.29 | 75 | 0.05 | 1.54 | 14 | 780 | 517 | 85 | 1383 | 1400 | 29 |
| 30 | 1400 | 0.00 | 96 | 1.29 | 8.33 | 93 | 4990 | 4 | 2.0 | 4 | 0.88 | 0.03 | 0.09 | 24.65 | 75 | 0.02 | 1.35 | 15 | 787 | 411 | 23 | 1223 | 1400 | 30 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.433 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 1.29 | 8.40 | 93 | 4999 | 3 | 6.0 | 4 | 2.60 | 0.09 | 0.09 | 24.78 | 75 | 0.07 | 1.51 | 17 | 790 | 370 | 168 | 1330 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.29 | 8.49 | 94 | 6015 | 3 | 9.0 | 3 | 3.89 | 0.12 | 0.10 | 25.40 | 75 | 0.09 | 1.91 | 15 | 791 | 533 | 397 | 1722 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.29 | 8.61 | 96 | 6045 | 2 | 12.9 | 3 | 5.64 | 0.15 | 0.10 | 26.41 | 75 | 0.11 | 2.62 | 11 | 788 | 561 | 765 | 2116 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.29 | 8.71 | 97 | 6080 | 2 | 15.9 | 2 | 6.97 | 0.14 | 0.10 | 28.05 | 75 | 0.11 | 3.52 | 10 | 782 | 480 | 840 | 2103 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.29 | 8.79 | 98 | 6114 | 1 | 16.8 | 1 | 7.43 | 0.11 | 0.10 | 30.22 | 75 | 0.08 | 4.33 | 10 | 773 | 370 | 665 | 1810 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.29 | 8.85 | 98 | 6140 | 1 | 17.8 | 1 | 7.90 | 0.08 | 0.10 | 32.54 | 75 | 0.06 | 5.04 | 10 | 763 | 268 | 505 | 1537 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.29 | 8.90 | 99 | 6159 | 1 | 17.7 | 1 | 7.91 | 0.05 | 0.10 | 34.97 | 75 | 0.04 | 5.51 | 10 | 749 | 187 | 345 | 1283 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.29 | 8.92 | 99 | 6172 | 0 | 15.7 | 0 | 7.03 | 0.03 | 0.10 | 37.26 | 75 | 0.02 | 5.55 | 10 | 734 | 127 | 199 | 1062 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.29 | 8.93 | 99 | 6180 | 0 | 11.7 | 0 | 5.24 | 0.02 | 0.10 | 39.05 | 75 | 0.01 | 5.14 | 10 | 717 | 87 | 90 | 896 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.29 | 8.94 | 99 | 6185 | 0 | 10.7 | 0 | 4.80 | 0.01 | 0.10 | 40.15 | 75 | 0.01 | 4.69 | 10 | 699 | 63 | 59 | 823 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 1.40 | 8.95 | 99 | 6188 | 0 | 10.7 | 0 | 4.80 | 0.16 | 0.10 | 41.06 | 75 | 0.12 | 4.31 | 10 | 679 | 227 | 754 | 1662 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.41 | 8.96 | 100 | 6190 | 0 | 17.7 | 0 | 7.94 | 0.02 | 0.10 | 41.95 | 75 | 0.02 | 4.40 | 10 | 659 | 369 | 160 | 1190 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 1.42 | 8.97 | 100 | 6193 | 0 | 13.7 | 0 | 6.15 | 0.02 | 0.10 | 43.42 | 75 | 0.01 | 4.07 | 10 | 637 | 123 | 96 | 857 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 1.52 | 8.97 | 100 | 6195 | 0 | 8.7 | 0 | 3.90 | 0.14 | 0.10 | 44.26 | 75 | 0.11 | 3.53 | 10 | 615 | 250 | 555 | 1422 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.52 | 8.97 | 100 | 6196 | 0 | 5.7 | 0 | 2.55 | 0.00 | 0.10 | 44.70 | 75 | 0.00 | 2.96 | 10 | 593 | 389 | 16 | 999 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 1.57 | 8.97 | 100 | 6196 | 0 | 3.7 | 0 | 1.66 | 0.07 | 0.10 | 44.88 | 75 | 0.05 | 2.44 | 10 | 570 | 249 | 94 | 914 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 1.57 | 8.97 | 100 | 6196 | 0 | 4.7 | 0 | 2.10 | 0.00 | 0.10 | 44.98 | 75 | 0.00 | 2.05 | 10 | 547 | 301 | 4 | 853 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 1.57 | 8.97 | 100 | 6197 | 0 | 3.7 | 0 | 1.65 | 0.00 | 0.10 | 45.08 | 75 | 0.00 | 1.71 | 10 | 524 | 70 | 1 | 596 | 1400 | 18 |
| 19 | 1400 | 0.24 | 96 | 1.75 | 8.97 | 100 | 6197 | 0 | 1.7 | 0 | 0.76 | 0.23 | 0.10 | 45.13 | 75 | 0.17 | 1.42 | 13 | 501 | 553 | 180 | 1235 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 1.76 | 8.97 | 100 | 6197 | 0 | 7.7 | 0 | 3.45 | 0.02 | 0.10 | 45.19 | 75 | 0.02 | 1.32 | 16 | 478 | 1024 | 62 | 1566 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 1.76 | 8.97 | 100 | 6197 | 0 | 5.7 | 0 | 2.55 | 0.00 | 0.10 | 45.39 | 75 | 0.00 | 1.16 | 17 | 456 | 281 | 3 | 741 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.76 | 8.98 | 100 | 6198 | 0 | 9.7 | 0 | 4.35 | 0.00 | 0.10 | 45.49 | 75 | 0.00 | 1.12 | 18 | 434 | 36 | 5 | 477 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.76 | 8.98 | 100 | 6198 | 0 | 13.7 | 0 | 6.15 | 0.00 | 0.10 | 45.71 | 75 | 0.00 | 1.13 | 19 | 413 | 8 | 9 | 431 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 2.38 | 8.98 | 100 | 6199 | 0 | 7.7 | 0 | 3.45 | 0.82 | 0.10 | 46.00 | 75 | 0.62 | 1.13 | 19 | 392 | 1134 | 2704 | 4231 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 2.45 | 8.98 | 100 | 6199 | 0 | 9.7 | 0 | 4.35 | 0.10 | 0.10 | 46.35 | 75 | 0.08 | 1.03 | 19 | 372 | 2186 | 410 | 2969 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.45 | 8.98 | 100 | 6199 | 0 | 8.7 | 0 | 3.90 | 0.00 | 0.10 | 46.48 | 75 | 0.00 | 0.90 | 20 | 353 | 687 | 9 | 1051 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.45 | 8.98 | 100 | 6199 | 0 | 9.7 | 0 | 4.35 | 0.00 | 0.10 | 46.52 | 75 | 0.00 | 0.80 | 22 | 334 | 89 | 1 | 426 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 2.60 | 8.98 | 100 | 6199 | 0 | 6.7 | 0 | 3.00 | 0.20 | 0.10 | 46.56 | 75 | 0.15 | 0.71 | 24 | 317 | 338 | 395 | 1051 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.60 | 8.98 | 100 | 6199 | 0 | 9.7 | 0 | 4.35 | 0.00 | 0.10 | 46.61 | 75 | 0.00 | 0.62 | 25 | 301 | 601 | 10 | 913 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.60 | 8.98 | 100 | 6200 | 0 | 8.7 | 0 | 3.90 | 0.00 | 0.10 | 46.62 | 75 | 0.00 | 0.54 | 27 | 286 | 131 | 0 | 419 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.60 | 8.98 | 100 | 6200 | 0 | 11.7 | 0 | 5.25 | 0.00 | 0.10 | 46.59 | 75 | 0.00 | 0.48 | 28 | 272 | 11 | 1 | 285 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 8.00 | 0 | 0.00 | 0.03 | 0 | 10 | 10 | 10 | 30 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 8.00 | 95 | 0.00 | 0.02 | 100 | 9 | 7 | 2 | 19 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.95 | 95 | 0.00 | 0.02 | 100 | 7 | 2 | 0 | 9 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.90 | 95 | 0.00 | 0.01 | 100 | 4 | 0 | 0 | 5 | 1400 | 4 |
| 5 | 1400 | 0.00 | 8 | 0.00 | 0.05 | 0 | 3150 | 100 | 2.4 | 19 | 0.28 | 0.05 | 0.05 | 7.85 | 95 | 0.05 | 0.02 | 100 | 6 | 0 | 0 | 7 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.4 | 3 | 0.04 | 0.00 | 0.05 | 7.80 | 95 | 0.00 | 0.02 | 100 | 14 | 0 | 0 | 15 | 1400 | 6 |
| 7 | 1400 | 0.05 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.05 | 7.76 | 95 | 0.02 | 0.02 | 100 | 18 | 0 | 0 | 19 | 1400 | 7 |
| 8 | 1400 | 0.00 | 3 | 0.00 | 0.10 | 0 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.03 | 0.05 | 7.72 | 95 | 0.03 | 0.02 | 100 | 20 | 0 | 0 | 20 | 1400 | 8 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.12 | 0 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.05 | 7.67 | 95 | 0.02 | 0.02 | 100 | 23 | 0 | 0 | 23 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.12 | 0 | 3150 | 100 | 0.4 | 3 | 0.04 | 0.00 | 0.05 | 7.62 | 95 | 0.00 | 0.02 | 100 | 23 | 0 | 0 | 23 | 1400 | 10 |
| 11 | 1400 | 0.08 | 0 | 0.00 | 0.14 | 0 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.05 | 7.57 | 95 | 0.02 | 0.02 | 100 | 19 | 0 | 0 | 20 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 3150 | 100 | 0.4 | 3 | 0.04 | 0.00 | 0.05 | 7.53 | 95 | 0.00 | 0.01 | 100 | 16 | 0 | 0 | 16 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.48 | 95 | 0.00 | 0.01 | 100 | 12 | 0 | 0 | 12 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.43 | 95 | 0.00 | 0.01 | 100 | 7 | 0 | 0 | 8 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.38 | 95 | 0.00 | 0.01 | 100 | 4 | 0 | 0 | 4 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.33 | 95 | 0.00 | 0.01 | 100 | 2 | 0 | 0 | 2 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.00 | 0.15 | 0 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.05 | 7.28 | 95 | 0.01 | 0.01 | 100 | 1 | 0 | 0 | 2 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.00 | 0.15 | 0 | 3150 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.05 | 7.23 | 95 | 0.00 | 0.00 | 100 | 2 | 0 | 0 | 2 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.00 | 0.15 | 0 | 3150 | 100 | 0.4 | 3 | 0.04 | 0.00 | 0.05 | 7.19 | 95 | 0.00 | 0.00 | 100 | 2 | 0 | 0 | 3 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.00 | 0.15 | 0 | 3150 | 100 | 0.4 | 3 | 0.04 | 0.00 | 0.05 | 7.17 | 95 | 0.00 | 0.00 | 100 | 2 | 0 | 0 | 2 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.00 | 0.16 | 0 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.05 | 7.13 | 95 | 0.01 | 0.00 | 100 | 2 | 0 | 0 | 2 | 1400 | 21 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.18 | 0 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.05 | 7.09 | 95 | 0.02 | 0.01 | 100 | 4 | 0 | 0 | 5 | 1400 | 22 |
| 23 | 1400 | 0.00 | 3 | 0.00 | 0.21 | 0 | 3150 | 100 | 1.9 | 15 | 0.23 | 0.04 | 0.05 | 7.04 | 95 | 0.03 | 0.01 | 100 | 10 | 0 | 0 | 11 | 1400 | 23 |
| 24 | 1400 | 0.00 | 16 | 0.00 | 0.31 | 0 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.11 | 0.05 | 6.99 | 95 | 0.10 | 0.03 | 100 | 25 | 0 | 0 | 25 | 1400 | 24 |
| 25 | 1400 | 0.00 | 12 | 0.00 | 0.39 | 0 | 3150 | 100 | 3.0 | 24 | 0.35 | 0.08 | 0.05 | 6.95 | 95 | 0.08 | 0.04 | 100 | 49 | 0 | 0 | 50 | 1400 | 25 |
| 26 | 1400 | 0.00 | 66 | 0.00 | 0.86 | 1 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.50 | 0.05 | 6.90 | 95 | 0.47 | 0.13 | 100 | 105 | 0 | 0 | 106 | 1400 | 26 |
| 27 | 1400 | 0.00 | 85 | 0.00 | 1.58 | 2 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.05 | 6.88 | 95 | 0.71 | 0.26 | 99 | 241 | 2 | 0 | 244 | 1400 | 27 |
| 28 | 1400 | 0.46 | 16 | 0.07 | 1.68 | 2 | 3150 | 100 | 2.4 | 36 | 0.29 | 0.18 | 0.05 | 6.86 | 95 | 0.17 | 0.24 | 99 | 388 | 3 | 0 | 393 | 1400 | 28 |
| 29 | 1400 | 0.01 | 66 | 0.08 | 2.15 | 2 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.51 | 0.05 | 6.86 | 95 | 0.48 | 0.29 | 99 | 445 | 4 | 0 | 449 | 1400 | 29 |
| 30 | 1400 | 0.10 | 94 | 0.16 | 2.99 | 3 | 3150 | 100 | 7.4 | 99 | 0.89 | 0.97 | 0.05 | 6.83 | 95 | 0.92 | 0.43 | 99 | 502 | 8 | 0 | 511 | 1400 | 30 |
| 31 | 1400 | 0.29 | 38 | 0.27 | 3.25 | 3 | 3150 | 100 | 3.1 | 74 | 0.37 | 0.39 | 0.05 | 6.84 | 95 | 0.37 | 0.41 | 98 | 600 | 11 | 0 | 612 | 1400 | 31 |



FORM 1-1374
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. 250881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 25 | 0.34 | 3.43 | 3 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.26 | 0.05 | 6.83 | 95 | 0.25 | 0.38 | 98 | 613 | 9 | 0 | 623 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.34 | 3.43 | 3 | 3150 | 100 | 0.9 | 7 | 0.11 | 0.01 | 0.06 | 6.81 | 95 | 0.01 | 0.30 | 98 | 506 | 5 | 0 | 512 | 1400 | 2 |
| 3 | 1400 | 0.01 | 16 | 0.34 | 3.53 | 4 | 3150 | 100 | 2.4 | 56 | 0.29 | 0.11 | 0.06 | 6.78 | 95 | 0.10 | 0.26 | 99 | 355 | 2 | 0 | 357 | 1400 | 3 |
| 4 | 1400 | 0.00 | 25 | 0.34 | 3.71 | 4 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.19 | 0.06 | 6.73 | 95 | 0.18 | 0.24 | 99 | 242 | 1 | 0 | 245 | 1400 | 4 |
| 5 | 1400 | 0.00 | 25 | 0.34 | 3.89 | 4 | 3150 | 100 | 2.4 | 64 | 0.29 | 0.19 | 0.06 | 6.68 | 95 | 0.18 | 0.23 | 99 | 197 | 2 | 0 | 200 | 1400 | 5 |
| 6 | 1400 | 0.30 | 6 | 0.34 | 3.91 | 4 | 3150 | 100 | 1.4 | 11 | 0.17 | 0.02 | 0.06 | 6.63 | 95 | 0.02 | 0.18 | 99 | 177 | 1 | 0 | 180 | 1400 | 6 |
| 7 | 1400 | 0.00 | 66 | 0.34 | 4.38 | 4 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.50 | 0.06 | 6.59 | 95 | 0.47 | 0.24 | 99 | 180 | 2 | 0 | 183 | 1400 | 7 |
| 8 | 1400 | 0.00 | 75 | 0.34 | 4.97 | 5 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.62 | 0.06 | 6.56 | 95 | 0.59 | 0.32 | 99 | 263 | 5 | 0 | 269 | 1400 | 8 |
| 9 | 1400 | 0.00 | 85 | 0.34 | 5.69 | 6 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.06 | 6.53 | 95 | 0.71 | 0.40 | 98 | 415 | 8 | 0 | 425 | 1400 | 9 |
| 10 | 1400 | 0.00 | 75 | 0.34 | 6.28 | 6 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.62 | 0.06 | 6.51 | 95 | 0.59 | 0.44 | 98 | 559 | 12 | 0 | 572 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.34 | 7.72 | 8 | 3150 | 100 | 12.6 | 100 | 1.51 | 1.51 | 0.06 | 6.48 | 95 | 1.44 | 0.66 | 98 | 717 | 20 | 0 | 738 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.34 | 9.27 | 9 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.64 | 0.06 | 6.49 | 95 | 1.56 | 0.85 | 97 | 975 | 38 | 1 | 1015 | 1400 | 12 |
| 13 | 1400 | 0.00 | 97 | 0.34 | 10.23 | 10 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 6.52 | 95 | 0.96 | 0.87 | 96 | 1224 | 49 | 1 | 1274 | 1400 | 13 |
| 14 | 1400 | 0.07 | 99 | 0.41 | 11.43 | 12 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.33 | 0.06 | 6.51 | 95 | 1.26 | 0.96 | 96 | 1324 | 53 | 1 | 1379 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.41 | 12.74 | 13 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.39 | 0.06 | 6.52 | 95 | 1.32 | 1.03 | 95 | 1354 | 63 | 1 | 1419 | 1400 | 15 |
| 16 | 1400 | 0.83 | 75 | 1.00 | 13.34 | 13 | 3150 | 100 | 5.4 | 97 | 0.65 | 1.25 | 0.06 | 6.53 | 95 | 1.19 | 1.07 | 95 | 1382 | 68 | 1 | 1453 | 1400 | 16 |
| 17 | 1400 | 0.00 | 66 | 1.00 | 13.81 | 14 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.50 | 0.06 | 6.57 | 95 | 0.47 | 0.94 | 95 | 1327 | 56 | 0 | 1385 | 1400 | 17 |
| 18 | 1400 | 0.00 | 75 | 1.00 | 14.41 | 15 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.62 | 0.06 | 6.54 | 95 | 0.59 | 0.87 | 95 | 1144 | 38 | 0 | 1183 | 1400 | 18 |
| 19 | 1400 | 0.00 | 66 | 1.00 | 14.88 | 15 | 3150 | 100 | 4.5 | 92 | 0.54 | 0.50 | 0.06 | 6.51 | 95 | 0.47 | 0.78 | 96 | 931 | 30 | 0 | 963 | 1400 | 19 |
| 20 | 1400 | 0.03 | 98 | 1.03 | 15.96 | 16 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.16 | 0.06 | 6.47 | 95 | 1.11 | 0.85 | 96 | 821 | 33 | 0 | 856 | 1400 | 20 |
| 21 | 1400 | 0.03 | 75 | 1.05 | 16.55 | 17 | 3150 | 100 | 5.4 | 97 | 0.65 | 0.65 | 0.06 | 6.47 | 95 | 0.62 | 0.80 | 96 | 830 | 38 | 0 | 870 | 1400 | 21 |
| 22 | 1400 | 0.24 | 94 | 1.26 | 17.39 | 18 | 3150 | 100 | 7.4 | 99 | 0.89 | 1.10 | 0.06 | 6.45 | 95 | 1.05 | 0.85 | 96 | 875 | 39 | 0 | 916 | 1400 | 22 |
| 23 | 1400 | 0.00 | 52 | 1.26 | 17.75 | 18 | 3150 | 100 | 3.8 | 83 | 0.46 | 0.38 | 0.06 | 6.46 | 95 | 0.36 | 0.75 | 96 | 887 | 36 | 0 | 924 | 1400 | 23 |
| 24 | 1400 | 0.00 | 94 | 1.26 | 18.58 | 19 | 3150 | 100 | 7.4 | 99 | 0.89 | 0.88 | 0.06 | 6.42 | 95 | 0.84 | 0.77 | 96 | 845 | 29 | 0 | 876 | 1400 | 24 |
| 25 | 1400 | 0.00 | 98 | 1.26 | 19.66 | 20 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.06 | 6.41 | 95 | 1.08 | 0.83 | 96 | 844 | 36 | 0 | 882 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.26 | 20.98 | 21 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.39 | 0.06 | 6.40 | 95 | 1.32 | 0.94 | 96 | 957 | 49 | 1 | 1008 | 1400 | 26 |
| 27 | 1400 | 0.00 | 97 | 1.26 | 21.93 | 22 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 6.41 | 95 | 0.96 | 0.94 | 95 | 1099 | 55 | 1 | 1157 | 1400 | 27 |
| 28 | 1400 | 0.00 | 97 | 1.26 | 22.89 | 23 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 6.40 | 95 | 0.96 | 0.94 | 95 | 1162 | 53 | 1 | 1217 | 1400 | 28 |
| 29 | 1400 | 0.00 | 97 | 1.26 | 23.85 | 24 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.06 | 6.39 | 95 | 0.96 | 0.95 | 95 | 1151 | 52 | 1 | 1205 | 1400 | 29 |
| 30 | 1400 | 0.00 | 85 | 1.26 | 24.56 | 25 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.75 | 0.06 | 6.38 | 95 | 0.71 | 0.90 | 95 | 1103 | 48 | 0 | 1153 | 1400 | 30 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.07 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | GEP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 99 | 1.26 | 25.76 | 26 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.26 | 0.06 | 6.36 | 95 | 1.20 | 0.96 | 96 | 1062 | 49 | 1 | 1113 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.26 | 27.31 | 28 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.64 | 0.07 | 6.36 | 95 | 1.56 | 1.09 | 95 | 1126 | 64 | 1 | 1193 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.26 | 29.35 | 30 | 3150 | 100 | 17.9 | 100 | 2.14 | 2.14 | 0.07 | 6.37 | 95 | 2.03 | 1.29 | 95 | 1342 | 89 | 2 | 1434 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.26 | 31.74 | 32 | 3150 | 100 | 21.0 | 100 | 2.52 | 2.52 | 0.07 | 6.41 | 95 | 2.39 | 1.53 | 95 | 1674 | 115 | 2 | 1793 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.26 | 34.26 | 35 | 3150 | 100 | 22.1 | 100 | 2.65 | 2.64 | 0.07 | 6.47 | 95 | 2.51 | 1.74 | 95 | 2045 | 134 | 2 | 2183 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.26 | 36.89 | 37 | 3150 | 100 | 23.1 | 100 | 2.77 | 2.77 | 0.07 | 6.53 | 95 | 2.63 | 1.93 | 95 | 2374 | 144 | 3 | 2522 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.26 | 39.52 | 40 | 3150 | 100 | 23.1 | 100 | 2.77 | 2.77 | 0.07 | 6.59 | 95 | 2.63 | 2.08 | 95 | 2621 | 150 | 3 | 2775 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.26 | 41.91 | 42 | 3150 | 100 | 21.0 | 100 | 2.52 | 2.52 | 0.07 | 6.66 | 95 | 2.39 | 2.15 | 95 | 2762 | 148 | 2 | 2913 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.26 | 43.83 | 44 | 3150 | 100 | 16.8 | 100 | 2.02 | 2.02 | 0.07 | 6.72 | 95 | 1.92 | 2.10 | 95 | 2753 | 133 | 2 | 2890 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.26 | 45.62 | 46 | 3150 | 100 | 15.8 | 100 | 1.89 | 1.89 | 0.07 | 6.75 | 95 | 1.80 | 2.03 | 95 | 2597 | 116 | 2 | 2716 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 1.41 | 47.42 | 48 | 3150 | 100 | 15.8 | 100 | 1.89 | 2.04 | 0.07 | 6.77 | 95 | 1.94 | 2.01 | 95 | 2401 | 109 | 2 | 2514 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.42 | 50.05 | 51 | 3150 | 100 | 23.1 | 100 | 2.77 | 2.78 | 0.07 | 6.82 | 95 | 2.64 | 2.15 | 95 | 2330 | 123 | 2 | 2456 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 1.42 | 52.21 | 53 | 3150 | 100 | 18.9 | 100 | 2.27 | 2.28 | 0.07 | 6.89 | 95 | 2.16 | 2.15 | 95 | 2407 | 135 | 2 | 2545 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 1.56 | 53.76 | 54 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.78 | 0.07 | 6.93 | 95 | 1.69 | 2.05 | 95 | 2440 | 121 | 2 | 2564 | 1400 | 14 |
| 15 | 1400 | 0.00 | 99 | 1.56 | 54.96 | 56 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.26 | 0.07 | 6.96 | 95 | 1.20 | 1.87 | 95 | 2285 | 96 | 1 | 2384 | 1400 | 15 |
| 16 | 1400 | 0.07 | 97 | 1.62 | 55.92 | 56 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.08 | 0.07 | 6.95 | 95 | 1.02 | 1.69 | 95 | 1986 | 74 | 1 | 2062 | 1400 | 16 |
| 17 | 1400 | 0.00 | 98 | 1.62 | 57.00 | 58 | 3150 | 100 | 9.5 | 100 | 1.14 | 1.13 | 0.07 | 6.94 | 95 | 1.08 | 1.56 | 95 | 1674 | 64 | 1 | 1740 | 1400 | 17 |
| 18 | 1400 | 0.00 | 97 | 1.62 | 57.95 | 59 | 3150 | 100 | 8.4 | 100 | 1.01 | 1.01 | 0.07 | 6.93 | 95 | 0.96 | 1.43 | 95 | 1441 | 60 | 1 | 1503 | 1400 | 18 |
| 19 | 1400 | 0.24 | 85 | 1.82 | 58.67 | 59 | 3150 | 100 | 6.4 | 98 | 0.77 | 0.95 | 0.07 | 6.91 | 95 | 0.91 | 1.32 | 95 | 1281 | 56 | 1 | 1338 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 1.83 | 60.10 | 61 | 3150 | 100 | 12.6 | 100 | 1.51 | 1.53 | 0.07 | 6.91 | 95 | 1.46 | 1.35 | 95 | 1214 | 63 | 1 | 1279 | 1400 | 20 |
| 21 | 1400 | 0.00 | 99 | 1.83 | 61.30 | 62 | 3150 | 100 | 10.5 | 100 | 1.26 | 1.26 | 0.07 | 6.92 | 95 | 1.20 | 1.31 | 95 | 1258 | 72 | 1 | 1333 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.83 | 62.98 | 64 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.76 | 0.07 | 6.91 | 95 | 1.68 | 1.39 | 95 | 1360 | 79 | 1 | 1442 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.83 | 65.13 | 66 | 3150 | 100 | 18.9 | 100 | 2.27 | 2.27 | 0.07 | 6.93 | 95 | 2.15 | 1.56 | 95 | 1544 | 99 | 2 | 1646 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 2.61 | 66.57 | 67 | 3150 | 100 | 12.6 | 100 | 1.51 | 2.33 | 0.07 | 6.97 | 95 | 2.21 | 1.70 | 95 | 1820 | 118 | 2 | 1941 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 2.71 | 68.24 | 69 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.86 | 0.07 | 7.07 | 95 | 1.77 | 1.71 | 95 | 2051 | 118 | 2 | 2172 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.71 | 69.80 | 71 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.64 | 0.07 | 7.10 | 95 | 1.56 | 1.68 | 95 | 2110 | 104 | 1 | 2217 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.71 | 71.47 | 72 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.76 | 0.07 | 7.12 | 95 | 1.68 | 1.68 | 95 | 2040 | 96 | 1 | 2139 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 2.90 | 72.79 | 74 | 3150 | 100 | 11.6 | 100 | 1.39 | 1.59 | 0.07 | 7.13 | 95 | 1.51 | 1.64 | 95 | 1946 | 93 | 1 | 2042 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.90 | 74.47 | 75 | 3150 | 100 | 14.7 | 100 | 1.77 | 1.76 | 0.07 | 7.16 | 95 | 1.68 | 1.65 | 95 | 1874 | 92 | 1 | 1969 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.90 | 76.02 | 77 | 3150 | 100 | 13.7 | 100 | 1.64 | 1.64 | 0.07 | 7.18 | 95 | 1.56 | 1.63 | 95 | 1835 | 93 | 1 | 1931 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.90 | 77.94 | 79 | 3150 | 100 | 16.8 | 100 | 2.02 | 2.02 | 0.07 | 7.19 | 95 | 1.92 | 1.69 | 95 | 1840 | 97 | 2 | 1940 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY. DEPL. CURVE, LAPSE=Y



FORM 1611-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.010 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.07 | 4.00 | 0 | 0.00 | 0.03 | 0 | 60 | 10 | 10 | 80 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.02 | 69 | 59 | 9 | 3 | 73 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.91 | 31 | 0.00 | 0.02 | 69 | 59 | 8 | 0 | 68 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.82 | 31 | 0.00 | 0.01 | 69 | 59 | 5 | 0 | 65 | 1400 | 4 |
| 5 | 1400 | 0.00 | 39 | 0.00 | 0.16 | 1 | 2866 | 98 | 3.4 | 70 | 0.77 | 0.53 | 0.09 | 3.73 | 30 | 0.16 | 0.05 | 70 | 59 | 12 | 34 | 107 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.18 | 1 | 2896 | 98 | 0.9 | 22 | 0.22 | 0.05 | 0.09 | 4.02 | 32 | 0.02 | 0.04 | 68 | 59 | 42 | 18 | 121 | 1400 | 6 |
| 7 | 1400 | 0.05 | 13 | 0.00 | 0.26 | 1 | 2899 | 97 | 1.9 | 49 | 0.54 | 0.27 | 0.09 | 3.98 | 32 | 0.09 | 0.06 | 68 | 59 | 76 | 20 | 158 | 1400 | 7 |
| 8 | 1400 | 0.00 | 26 | 0.00 | 0.40 | 2 | 2914 | 95 | 2.6 | 57 | 0.75 | 0.43 | 0.09 | 4.09 | 33 | 0.14 | 0.08 | 68 | 59 | 101 | 40 | 201 | 1400 | 8 |
| 9 | 1400 | 0.00 | 13 | 0.00 | 0.49 | 2 | 2940 | 94 | 1.8 | 46 | 0.55 | 0.25 | 0.09 | 4.30 | 34 | 0.09 | 0.08 | 67 | 60 | 126 | 34 | 221 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.50 | 2 | 2956 | 94 | 0.7 | 19 | 0.22 | 0.04 | 0.09 | 4.39 | 35 | 0.01 | 0.07 | 67 | 60 | 146 | 12 | 219 | 1400 | 10 |
| 11 | 1400 | 0.08 | 13 | 0.01 | 0.59 | 3 | 2959 | 93 | 1.8 | 45 | 0.55 | 0.26 | 0.09 | 4.32 | 35 | 0.09 | 0.07 | 67 | 61 | 141 | 22 | 224 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.01 | 0.60 | 3 | 2975 | 93 | 0.7 | 17 | 0.21 | 0.04 | 0.09 | 4.43 | 35 | 0.01 | 0.06 | 67 | 62 | 121 | 12 | 196 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.01 | 0.60 | 3 | 2978 | 93 | 0.1 | 4 | 0.05 | 0.00 | 0.09 | 4.36 | 35 | 0.00 | 0.04 | 68 | 63 | 99 | 1 | 164 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.01 | 0.60 | 3 | 2978 | 93 | 0.1 | 4 | 0.05 | 0.00 | 0.09 | 4.27 | 34 | 0.00 | 0.03 | 68 | 65 | 70 | 0 | 136 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.01 | 0.60 | 3 | 2978 | 93 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.18 | 33 | 0.00 | 0.02 | 69 | 67 | 41 | 0 | 110 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.01 | 0.60 | 3 | 2978 | 93 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.09 | 33 | 0.00 | 0.02 | 69 | 70 | 21 | 0 | 92 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.01 | 0.64 | 3 | 2978 | 93 | 1.2 | 31 | 0.38 | 0.12 | 0.09 | 4.00 | 32 | 0.04 | 0.02 | 69 | 73 | 11 | 8 | 94 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.01 | 0.64 | 3 | 2985 | 93 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.01 | 32 | 0.00 | 0.02 | 69 | 76 | 13 | 3 | 94 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.01 | 0.65 | 3 | 2985 | 93 | 0.7 | 17 | 0.21 | 0.04 | 0.09 | 3.93 | 31 | 0.01 | 0.02 | 69 | 80 | 17 | 2 | 101 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.01 | 0.66 | 3 | 2987 | 92 | 0.7 | 17 | 0.21 | 0.03 | 0.09 | 3.92 | 31 | 0.01 | 0.01 | 69 | 84 | 18 | 3 | 106 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.01 | 0.70 | 3 | 2989 | 92 | 1.2 | 30 | 0.37 | 0.11 | 0.09 | 3.88 | 31 | 0.03 | 0.02 | 69 | 88 | 19 | 8 | 116 | 1400 | 21 |
| 22 | 1400 | 0.00 | 13 | 0.01 | 0.77 | 3 | 2995 | 91 | 1.7 | 43 | 0.54 | 0.23 | 0.09 | 3.89 | 31 | 0.07 | 0.04 | 69 | 91 | 27 | 18 | 138 | 1400 | 22 |
| 23 | 1400 | 0.00 | 26 | 0.01 | 0.89 | 4 | 3013 | 90 | 2.3 | 52 | 0.75 | 0.39 | 0.09 | 3.98 | 32 | 0.12 | 0.06 | 69 | 95 | 50 | 33 | 179 | 1400 | 23 |
| 24 | 1400 | 0.00 | 62 | 0.01 | 1.25 | 6 | 3046 | 86 | 4.5 | 74 | 1.44 | 1.07 | 0.09 | 4.18 | 33 | 0.36 | 0.16 | 67 | 98 | 104 | 93 | 297 | 1400 | 24 |
| 25 | 1400 | 0.00 | 52 | 0.01 | 1.53 | 7 | 3141 | 83 | 3.5 | 65 | 1.12 | 0.72 | 0.09 | 4.92 | 39 | 0.29 | 0.21 | 64 | 101 | 209 | 108 | 420 | 1400 | 25 |
| 26 | 1400 | 0.00 | 94 | 0.01 | 2.45 | 11 | 3218 | 75 | 8.7 | 81 | 2.78 | 2.24 | 0.09 | 5.36 | 41 | 0.92 | 0.49 | 62 | 104 | 389 | 310 | 805 | 1400 | 26 |
| 27 | 1400 | 0.00 | 97 | 0.01 | 3.57 | 16 | 3403 | 66 | 10.3 | 74 | 3.29 | 2.43 | 0.09 | 7.04 | 46 | 1.11 | 0.82 | 50 | 107 | 723 | 693 | 1525 | 1400 | 27 |
| 28 | 1400 | 0.46 | 62 | 0.15 | 3.84 | 17 | 3603 | 64 | 3.3 | 51 | 1.05 | 0.82 | 0.09 | 8.94 | 51 | 0.42 | 0.75 | 46 | 111 | 1184 | 420 | 1717 | 1400 | 28 |
| 29 | 1400 | 0.01 | 94 | 0.16 | 4.65 | 21 | 3652 | 59 | 7.7 | 62 | 2.45 | 1.54 | 0.09 | 9.45 | 53 | 0.81 | 0.92 | 47 | 116 | 1539 | 507 | 2164 | 1400 | 29 |
| 30 | 1400 | 0.10 | 98 | 0.21 | 5.73 | 26 | 3785 | 52 | 10.4 | 58 | 3.33 | 2.04 | 0.09 | 10.59 | 56 | 1.14 | 1.26 | 45 | 123 | 1736 | 963 | 2823 | 1400 | 30 |
| 31 | 1400 | 0.29 | 85 | 0.36 | 6.20 | 28 | 3931 | 50 | 5.0 | 48 | 1.61 | 1.02 | 0.09 | 12.19 | 61 | 0.62 | 1.21 | 41 | 132 | 1922 | 706 | 2762 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 80 | 0.51 | 6.56 | 30 | 3994 | 48 | 3.9 | 43 | 1.26 | 0.78 | 0.09 | 12.84 | 64 | 0.50 | 1.12 | 41 | 144 | 2043 | 438 | 2627 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.51 | 6.56 | 30 | 4059 | 48 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 13.28 | 66 | 0.00 | 0.81 | 43 | 160 | 1916 | 121 | 2198 | 1400 | 2 |
| 3 | 1400 | 0.01 | 62 | 0.51 | 6.71 | 30 | 4059 | 47 | 2.3 | 32 | 0.72 | 0.24 | 0.09 | 13.24 | 66 | 0.16 | 0.68 | 46 | 179 | 1521 | 61 | 1762 | 1400 | 3 |
| 4 | 1400 | 0.00 | 80 | 0.51 | 7.04 | 32 | 4089 | 45 | 3.8 | 41 | 1.21 | 0.49 | 0.09 | 13.32 | 67 | 0.33 | 0.69 | 48 | 203 | 1066 | 156 | 1426 | 1400 | 4 |
| 5 | 1400 | 0.00 | 80 | 0.51 | 7.35 | 33 | 4151 | 43 | 3.7 | 39 | 1.18 | 0.46 | 0.09 | 13.60 | 68 | 0.31 | 0.70 | 48 | 231 | 797 | 180 | 1209 | 1400 | 5 |
| 6 | 1400 | 0.30 | 13 | 0.54 | 7.35 | 33 | 4211 | 43 | 0.0 | 0 | 0.00 | 0.04 | 0.09 | 13.84 | 69 | 0.03 | 0.51 | 48 | 262 | 708 | 63 | 1035 | 1400 | 6 |
| 7 | 1400 | 0.00 | 94 | 0.54 | 7.94 | 36 | 4211 | 40 | 6.5 | 41 | 2.08 | 0.86 | 0.09 | 13.80 | 69 | 0.59 | 0.78 | 50 | 296 | 668 | 307 | 1272 | 1400 | 7 |
| 8 | 1400 | 0.00 | 96 | 0.54 | 8.59 | 39 | 4324 | 37 | 7.3 | 39 | 2.34 | 0.91 | 0.09 | 14.38 | 72 | 0.65 | 1.05 | 47 | 332 | 721 | 526 | 1581 | 1400 | 8 |
| 9 | 1400 | 0.00 | 97 | 0.54 | 9.30 | 42 | 4411 | 35 | 8.1 | 37 | 2.59 | 0.95 | 0.09 | 14.97 | 75 | 0.71 | 1.33 | 43 | 370 | 943 | 677 | 1992 | 1400 | 9 |
| 10 | 1400 | 0.00 | 96 | 0.54 | 9.84 | 45 | 4505 | 32 | 6.8 | 33 | 2.17 | 0.72 | 0.09 | 15.57 | 75 | 0.54 | 1.42 | 40 | 410 | 1227 | 607 | 2246 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.54 | 10.91 | 50 | 4578 | 28 | 13.8 | 32 | 4.41 | 1.42 | 0.09 | 16.04 | 75 | 1.07 | 2.08 | 39 | 450 | 1455 | 1410 | 3318 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.54 | 11.88 | 54 | 4720 | 24 | 14.4 | 28 | 4.59 | 1.29 | 0.09 | 17.21 | 75 | 0.97 | 2.60 | 31 | 491 | 1650 | 1973 | 4116 | 1400 | 12 |
| 13 | 1400 | 0.00 | 99 | 0.54 | 12.38 | 56 | 4850 | 22 | 8.7 | 24 | 2.78 | 0.67 | 0.09 | 18.45 | 75 | 0.50 | 2.50 | 25 | 532 | 1815 | 1209 | 3558 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 0.59 | 12.95 | 59 | 4917 | 20 | 10.6 | 22 | 3.38 | 0.82 | 0.09 | 19.11 | 75 | 0.62 | 2.60 | 26 | 574 | 1867 | 1093 | 3535 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.59 | 13.49 | 61 | 4992 | 19 | 11.4 | 20 | 3.63 | 0.73 | 0.09 | 19.98 | 75 | 0.55 | 2.68 | 25 | 615 | 1800 | 1156 | 3571 | 1400 | 15 |
| 16 | 1400 | 0.83 | 96 | 1.19 | 13.71 | 62 | 5070 | 18 | 5.0 | 18 | 1.61 | 1.08 | 0.09 | 20.85 | 75 | 0.81 | 2.43 | 24 | 655 | 1733 | 1237 | 3627 | 1400 | 16 |
| 17 | 1400 | 0.00 | 94 | 1.19 | 13.87 | 63 | 5102 | 18 | 4.0 | 17 | 1.23 | 0.21 | 0.09 | 21.42 | 75 | 0.16 | 2.00 | 27 | 695 | 1729 | 507 | 2933 | 1400 | 17 |
| 18 | 1400 | 0.00 | 96 | 1.19 | 14.07 | 64 | 5126 | 18 | 4.9 | 17 | 1.58 | 0.27 | 0.09 | 21.62 | 75 | 0.20 | 1.76 | 32 | 735 | 1637 | 201 | 2575 | 1400 | 18 |
| 19 | 1400 | 0.00 | 94 | 1.19 | 14.21 | 65 | 5156 | 17 | 3.9 | 16 | 1.25 | 0.20 | 0.09 | 21.91 | 75 | 0.15 | 1.51 | 35 | 773 | 1353 | 155 | 2283 | 1400 | 19 |
| 20 | 1400 | 0.03 | 99 | 1.21 | 14.58 | 66 | 5178 | 16 | 8.9 | 17 | 2.86 | 0.52 | 0.09 | 22.10 | 75 | 0.39 | 1.72 | 38 | 810 | 1034 | 382 | 2227 | 1400 | 20 |
| 21 | 1400 | 0.03 | 96 | 1.23 | 14.76 | 67 | 5233 | 16 | 4.8 | 15 | 1.52 | 0.26 | 0.09 | 22.77 | 75 | 0.20 | 1.55 | 35 | 846 | 848 | 279 | 1974 | 1400 | 21 |
| 22 | 1400 | 0.24 | 98 | 1.41 | 15.01 | 68 | 5259 | 15 | 6.7 | 16 | 2.16 | 0.57 | 0.09 | 23.05 | 75 | 0.43 | 1.62 | 37 | 879 | 796 | 400 | 2077 | 1400 | 22 |
| 23 | 1400 | 0.00 | 90 | 1.41 | 15.09 | 69 | 5297 | 15 | 2.8 | 12 | 0.89 | 0.11 | 0.09 | 23.59 | 75 | 0.08 | 1.32 | 37 | 909 | 801 | 189 | 1901 | 1400 | 23 |
| 24 | 1400 | 0.00 | 98 | 1.41 | 15.33 | 70 | 5310 | 15 | 6.7 | 15 | 2.13 | 0.32 | 0.09 | 23.68 | 75 | 0.24 | 1.40 | 40 | 937 | 774 | 187 | 1900 | 1400 | 24 |
| 25 | 1400 | 0.00 | 99 | 1.41 | 15.64 | 71 | 5345 | 14 | 8.7 | 15 | 2.77 | 0.41 | 0.09 | 24.13 | 75 | 0.30 | 1.61 | 39 | 963 | 707 | 323 | 1995 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.41 | 16.00 | 73 | 5391 | 13 | 10.7 | 14 | 3.42 | 0.48 | 0.09 | 24.76 | 75 | 0.36 | 1.91 | 37 | 985 | 682 | 467 | 2135 | 1400 | 26 |
| 27 | 1400 | 0.00 | 99 | 1.41 | 16.23 | 74 | 5445 | 13 | 7.5 | 13 | 2.39 | 0.31 | 0.09 | 25.57 | 75 | 0.24 | 1.89 | 33 | 1003 | 716 | 361 | 2082 | 1400 | 27 |
| 28 | 1400 | 0.00 | 99 | 1.41 | 16.45 | 75 | 5480 | 12 | 7.4 | 13 | 2.37 | 0.30 | 0.09 | 26.09 | 75 | 0.22 | 1.87 | 33 | 1019 | 748 | 284 | 2052 | 1400 | 28 |
| 29 | 1400 | 0.00 | 99 | 1.41 | 16.67 | 76 | 5514 | 12 | 7.3 | 12 | 2.35 | 0.28 | 0.09 | 26.60 | 75 | 0.21 | 1.85 | 34 | 1032 | 739 | 268 | 2039 | 1400 | 29 |
| 30 | 1400 | 0.00 | 97 | 1.41 | 16.81 | 76 | 5546 | 12 | 5.3 | 11 | 1.68 | 0.19 | 0.09 | 27.11 | 75 | 0.14 | 1.68 | 34 | 1041 | 696 | 181 | 1919 | 1400 | 30 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. 250881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 1.41 | 17.06 | 78 | 5567 | 11 | 9.3 | 11 | 2.99 | 0.34 | 0.09 | 27.42 | 75 | 0.26 | 1.86 | 36 | 1047 | 640 | 285 | 1974 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.41 | 17.39 | 79 | 5605 | 10 | 12.4 | 11 | 3.98 | 0.43 | 0.10 | 28.11 | 75 | 0.32 | 2.22 | 34 | 1050 | 609 | 506 | 2167 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.41 | 17.79 | 81 | 5654 | 9 | 16.6 | 10 | 5.30 | 0.54 | 0.10 | 29.06 | 75 | 0.40 | 2.80 | 29 | 1051 | 631 | 810 | 2493 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.41 | 18.22 | 83 | 5714 | 8 | 19.3 | 9 | 6.19 | 0.57 | 0.10 | 30.40 | 75 | 0.43 | 3.44 | 22 | 1048 | 697 | 1049 | 2797 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.41 | 18.62 | 85 | 5778 | 8 | 20.0 | 8 | 6.39 | 0.53 | 0.10 | 32.00 | 75 | 0.40 | 3.95 | 18 | 1044 | 780 | 1104 | 2929 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.41 | 18.98 | 86 | 5838 | 7 | 20.6 | 7 | 6.60 | 0.49 | 0.10 | 33.65 | 75 | 0.37 | 4.38 | 15 | 1037 | 850 | 1071 | 2959 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.41 | 19.30 | 88 | 5893 | 6 | 20.3 | 7 | 6.49 | 0.43 | 0.10 | 35.37 | 75 | 0.32 | 4.65 | 13 | 1028 | 883 | 982 | 2894 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.41 | 19.56 | 89 | 5941 | 5 | 17.8 | 6 | 5.71 | 0.34 | 0.10 | 37.05 | 75 | 0.25 | 4.65 | 12 | 1017 | 871 | 809 | 2699 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.41 | 19.73 | 90 | 5979 | 5 | 13.4 | 5 | 4.29 | 0.23 | 0.10 | 38.50 | 75 | 0.17 | 4.31 | 12 | 1005 | 813 | 567 | 2386 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.41 | 19.87 | 90 | 6017 | 5 | 12.2 | 5 | 3.90 | 0.19 | 0.10 | 39.52 | 75 | 0.14 | 3.96 | 13 | 992 | 714 | 423 | 2131 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 1.52 | 20.01 | 91 | 6104 | 4 | 12.0 | 5 | 3.85 | 0.33 | 0.10 | 40.44 | 75 | 0.25 | 3.73 | 15 | 977 | 611 | 578 | 2168 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.53 | 20.21 | 92 | 6184 | 4 | 19.3 | 4 | 6.16 | 0.28 | 0.10 | 41.40 | 75 | 0.21 | 4.09 | 16 | 961 | 550 | 606 | 2119 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 1.54 | 20.34 | 92 | 6303 | 4 | 14.9 | 4 | 4.75 | 0.19 | 0.10 | 42.96 | 75 | 0.15 | 4.01 | 15 | 944 | 528 | 461 | 1934 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 1.64 | 20.43 | 93 | 6387 | 3 | 9.5 | 4 | 3.03 | 0.25 | 0.10 | 44.12 | 75 | 0.19 | 3.57 | 15 | 926 | 507 | 427 | 1861 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.64 | 20.48 | 93 | 6435 | 3 | 6.2 | 3 | 2.00 | 0.07 | 0.10 | 44.84 | 75 | 0.05 | 3.00 | 17 | 907 | 478 | 189 | 1575 | 1400 | 15 |
| 16 | 1400 | 0.07 | 99 | 1.70 | 20.51 | 93 | 6466 | 3 | 4.1 | 3 | 1.32 | 0.11 | 0.10 | 45.24 | 75 | 0.08 | 2.45 | 20 | 887 | 433 | 99 | 1420 | 1400 | 16 |
| 17 | 1400 | 0.00 | 99 | 1.70 | 20.55 | 93 | 6485 | 3 | 5.1 | 3 | 1.64 | 0.05 | 0.10 | 45.48 | 75 | 0.04 | 2.11 | 27 | 866 | 369 | 64 | 1301 | 1400 | 17 |
| 18 | 1400 | 0.00 | 99 | 1.70 | 20.58 | 94 | 6508 | 3 | 4.1 | 3 | 1.30 | 0.04 | 0.10 | 45.78 | 75 | 0.03 | 1.79 | 31 | 845 | 298 | 35 | 1179 | 1400 | 18 |
| 19 | 1400 | 0.24 | 97 | 1.87 | 20.59 | 94 | 6526 | 3 | 2.2 | 2 | 0.70 | 0.25 | 0.10 | 45.99 | 75 | 0.19 | 1.45 | 35 | 823 | 249 | 109 | 1183 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 1.89 | 20.65 | 94 | 6533 | 3 | 8.2 | 3 | 2.62 | 0.10 | 0.10 | 46.12 | 75 | 0.07 | 1.60 | 39 | 801 | 257 | 103 | 1163 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 1.89 | 20.69 | 94 | 6569 | 3 | 6.0 | 3 | 1.93 | 0.06 | 0.10 | 46.68 | 75 | 0.04 | 1.56 | 37 | 778 | 287 | 57 | 1122 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.89 | 20.76 | 94 | 6594 | 3 | 10.2 | 3 | 3.26 | 0.09 | 0.10 | 47.06 | 75 | 0.07 | 1.82 | 37 | 754 | 274 | 78 | 1108 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.89 | 20.85 | 95 | 6635 | 3 | 14.3 | 3 | 4.58 | 0.12 | 0.10 | 47.78 | 75 | 0.09 | 2.30 | 34 | 731 | 232 | 153 | 1117 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 2.50 | 20.90 | 95 | 6690 | 2 | 7.8 | 2 | 2.49 | 0.88 | 0.10 | 48.87 | 75 | 0.66 | 2.35 | 28 | 707 | 265 | 868 | 1842 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 2.58 | 20.95 | 95 | 6717 | 2 | 9.7 | 2 | 3.12 | 0.17 | 0.10 | 49.66 | 75 | 0.13 | 2.38 | 28 | 683 | 450 | 512 | 1646 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.58 | 21.00 | 95 | 6750 | 2 | 8.5 | 2 | 2.73 | 0.06 | 0.10 | 50.38 | 75 | 0.05 | 2.29 | 27 | 659 | 631 | 123 | 1414 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.58 | 21.05 | 96 | 6778 | 2 | 9.4 | 2 | 3.02 | 0.06 | 0.10 | 50.96 | 75 | 0.05 | 2.28 | 29 | 635 | 612 | 76 | 1325 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 2.73 | 21.08 | 96 | 6806 | 2 | 6.1 | 2 | 1.96 | 0.24 | 0.10 | 51.61 | 75 | 0.18 | 2.10 | 29 | 612 | 471 | 188 | 1273 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.73 | 21.12 | 96 | 6824 | 2 | 9.2 | 2 | 2.94 | 0.06 | 0.10 | 52.07 | 75 | 0.04 | 2.13 | 31 | 590 | 373 | 116 | 1080 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.73 | 21.15 | 96 | 6850 | 2 | 8.0 | 2 | 2.56 | 0.05 | 0.10 | 52.70 | 75 | 0.04 | 2.07 | 30 | 568 | 322 | 55 | 947 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.73 | 21.20 | 96 | 6872 | 2 | 11.1 | 2 | 3.54 | 0.06 | 0.10 | 53.23 | 75 | 0.05 | 2.23 | 31 | 547 | 263 | 72 | 884 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 70 | 10 | 4 | 84 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.02 | 57 | 69 | 6 | 0 | 77 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.91 | 31 | 0.00 | 0.02 | 58 | 69 | 1 | 0 | 71 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.82 | 31 | 0.00 | 0.01 | 58 | 69 | 0 | 0 | 70 | 1400 | 4 |
| 5 | 1400 | 0.00 | 53 | 0.00 | 0.09 | 1 | 2350 | 97 | 3.3 | 96 | 0.33 | 0.32 | 0.09 | 3.73 | 30 | 0.09 | 0.03 | 59 | 69 | 95 | 15 | 181 | 1400 | 5 |
| 6 | 1400 | 0.13 | 0 | 0.00 | 0.10 | 1 | 2384 | 97 | 0.6 | 29 | 0.07 | 0.02 | 0.09 | 3.87 | 31 | 0.01 | 0.03 | 57 | 69 | 179 | 1 | 250 | 1400 | 6 |
| 7 | 1400 | 0.05 | 9 | 0.00 | 0.14 | 2 | 2387 | 96 | 1.9 | 65 | 0.19 | 0.13 | 0.09 | 3.81 | 30 | 0.04 | 0.03 | 57 | 69 | 89 | 6 | 166 | 1400 | 7 |
| 8 | 1400 | 0.00 | 32 | 0.00 | 0.20 | 2 | 2400 | 94 | 2.5 | 78 | 0.26 | 0.21 | 0.09 | 3.82 | 31 | 0.06 | 0.04 | 57 | 69 | 144 | 11 | 225 | 1400 | 8 |
| 9 | 1400 | 0.00 | 9 | 0.00 | 0.24 | 3 | 2423 | 93 | 1.8 | 62 | 0.19 | 0.12 | 0.09 | 3.88 | 31 | 0.04 | 0.04 | 56 | 69 | 173 | 6 | 250 | 1400 | 9 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 3 | 2436 | 93 | 0.5 | 26 | 0.06 | 0.01 | 0.09 | 3.88 | 31 | 0.00 | 0.03 | 56 | 69 | 102 | 0 | 173 | 1400 | 10 |
| 11 | 1400 | 0.08 | 9 | 0.00 | 0.28 | 3 | 2438 | 92 | 1.8 | 61 | 0.19 | 0.12 | 0.09 | 3.80 | 30 | 0.04 | 0.03 | 57 | 69 | 65 | 6 | 142 | 1400 | 11 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 3 | 2451 | 92 | 0.5 | 24 | 0.06 | 0.01 | 0.09 | 3.81 | 30 | 0.00 | 0.03 | 57 | 70 | 78 | 0 | 149 | 1400 | 12 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 3 | 2452 | 92 | 0.0 | 1 | 0.00 | 0.00 | 0.09 | 3.73 | 30 | 0.00 | 0.02 | 57 | 70 | 23 | 0 | 94 | 1400 | 13 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 3 | 2452 | 92 | 0.0 | 1 | 0.00 | 0.00 | 0.09 | 3.64 | 29 | 0.00 | 0.02 | 58 | 71 | 2 | 0 | 74 | 1400 | 14 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 3 | 2452 | 92 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.55 | 28 | 0.00 | 0.01 | 58 | 72 | 0 | 0 | 72 | 1400 | 15 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 3 | 2452 | 92 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.46 | 28 | 0.00 | 0.01 | 59 | 72 | 0 | 0 | 73 | 1400 | 16 |
| 17 | 1400 | 0.06 | 0 | 0.00 | 0.30 | 3 | 2452 | 92 | 1.1 | 45 | 0.12 | 0.05 | 0.09 | 3.37 | 27 | 0.01 | 0.01 | 59 | 73 | 13 | 2 | 90 | 1400 | 17 |
| 18 | 1400 | 0.13 | 0 | 0.00 | 0.30 | 3 | 2457 | 92 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 3.33 | 27 | 0.00 | 0.01 | 59 | 74 | 25 | 0 | 100 | 1400 | 18 |
| 19 | 1400 | 0.37 | 0 | 0.00 | 0.30 | 3 | 2457 | 92 | 0.5 | 24 | 0.06 | 0.01 | 0.09 | 3.26 | 26 | 0.00 | 0.01 | 59 | 76 | 8 | 0 | 86 | 1400 | 19 |
| 20 | 1400 | 0.21 | 0 | 0.00 | 0.30 | 3 | 2459 | 92 | 0.5 | 24 | 0.06 | 0.01 | 0.09 | 3.22 | 26 | 0.00 | 0.01 | 59 | 77 | 10 | 0 | 88 | 1400 | 20 |
| 21 | 1400 | 0.14 | 0 | 0.00 | 0.32 | 4 | 2460 | 91 | 1.1 | 45 | 0.11 | 0.05 | 0.09 | 3.17 | 25 | 0.01 | 0.01 | 59 | 77 | 20 | 2 | 100 | 1400 | 21 |
| 22 | 1400 | 0.00 | 9 | 0.00 | 0.34 | 4 | 2465 | 90 | 1.7 | 59 | 0.19 | 0.11 | 0.09 | 3.14 | 25 | 0.03 | 0.01 | 59 | 78 | 52 | 4 | 136 | 1400 | 22 |
| 23 | 1400 | 0.00 | 32 | 0.00 | 0.39 | 4 | 2475 | 89 | 2.4 | 72 | 0.27 | 0.19 | 0.09 | 3.14 | 25 | 0.05 | 0.02 | 59 | 79 | 103 | 8 | 191 | 1400 | 23 |
| 24 | 1400 | 0.00 | 82 | 0.00 | 0.51 | 6 | 2492 | 86 | 5.0 | 86 | 0.55 | 0.47 | 0.09 | 3.21 | 26 | 0.12 | 0.05 | 58 | 80 | 222 | 20 | 323 | 1400 | 24 |
| 25 | 1400 | 0.00 | 67 | 0.00 | 0.62 | 7 | 2536 | 83 | 3.8 | 82 | 0.44 | 0.36 | 0.09 | 3.53 | 28 | 0.10 | 0.06 | 55 | 80 | 355 | 18 | 455 | 1400 | 25 |
| 26 | 1400 | 0.00 | 99 | 0.00 | 0.90 | 10 | 2573 | 77 | 9.6 | 83 | 1.13 | 0.93 | 0.09 | 3.75 | 30 | 0.28 | 0.13 | 54 | 80 | 565 | 52 | 699 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.00 | 1.29 | 14 | 2654 | 69 | 11.4 | 77 | 1.42 | 1.09 | 0.09 | 4.52 | 36 | 0.39 | 0.22 | 49 | 80 | 1106 | 90 | 1279 | 1400 | 27 |
| 28 | 1400 | 0.46 | 82 | 0.16 | 1.45 | 16 | 2749 | 67 | 4.3 | 66 | 0.58 | 0.76 | 0.09 | 5.43 | 41 | 0.31 | 0.26 | 43 | 81 | 1443 | 74 | 1600 | 1400 | 28 |
| 29 | 1400 | 0.01 | 99 | 0.16 | 1.81 | 20 | 2787 | 60 | 9.0 | 66 | 1.27 | 0.85 | 0.09 | 5.96 | 43 | 0.36 | 0.33 | 40 | 82 | 1501 | 112 | 1696 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 0.21 | 2.28 | 25 | 2874 | 53 | 11.8 | 60 | 1.78 | 1.16 | 0.09 | 6.68 | 45 | 0.52 | 0.46 | 35 | 83 | 1913 | 230 | 2227 | 1400 | 30 |
| 31 | 1400 | 0.29 | 97 | 0.34 | 2.58 | 29 | 2960 | 49 | 6.6 | 53 | 1.15 | 0.89 | 0.09 | 7.76 | 48 | 0.43 | 0.52 | 30 | 86 | 2347 | 185 | 2619 | 1400 | 31 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250861 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.201 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPn | %RA | PN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 97 | 0.48 | 2.83 | 31 | 3021 | 46 | 5.5 | 48 | 1.03 | 0.78 | 0.09 | 8.50 | 50 | 0.39 | 0.56 | 29 | 90 | 2255 | 171 | 2517 | 1400 | 1 |
| 2 | 1400 | 0.41 | 0 | 0.48 | 2.83 | 31 | 3095 | 46 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 9.13 | 52 | 0.00 | 0.44 | 28 | 96 | 1490 | 3 | 1590 | 1400 | 2 |
| 3 | 1400 | 0.01 | 82 | 0.49 | 2.98 | 33 | 3095 | 44 | 3.4 | 43 | 0.69 | 0.30 | 0.09 | 9.09 | 52 | 0.16 | 0.42 | 31 | 103 | 540 | 45 | 689 | 1400 | 3 |
| 4 | 1400 | 0.00 | 97 | 0.49 | 3.22 | 36 | 3140 | 40 | 5.3 | 43 | 1.10 | 0.47 | 0.09 | 9.33 | 52 | 0.25 | 0.46 | 31 | 113 | 892 | 95 | 1102 | 1400 | 4 |
| 5 | 1400 | 0.00 | 97 | 0.49 | 3.46 | 38 | 3213 | 38 | 5.2 | 39 | 1.14 | 0.45 | 0.09 | 9.80 | 54 | 0.24 | 0.50 | 30 | 124 | 1225 | 99 | 1450 | 1400 | 5 |
| 6 | 1400 | 0.30 | 9 | 0.50 | 3.47 | 39 | 3264 | 38 | 0.2 | 5 | 0.04 | 0.03 | 0.09 | 10.25 | 55 | 0.02 | 0.39 | 29 | 138 | 912 | 6 | 1057 | 1400 | 6 |
| 7 | 1400 | 0.00 | 99 | 0.50 | 3.85 | 43 | 3264 | 34 | 8.0 | 38 | 1.88 | 0.71 | 0.09 | 10.22 | 55 | 0.39 | 0.55 | 32 | 153 | 822 | 209 | 1185 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.50 | 4.30 | 48 | 3344 | 30 | 8.9 | 34 | 2.29 | 0.78 | 0.09 | 11.06 | 57 | 0.45 | 0.76 | 28 | 170 | 1837 | 326 | 2334 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.50 | 4.80 | 53 | 3436 | 25 | 9.8 | 30 | 2.80 | 0.83 | 0.09 | 12.09 | 60 | 0.50 | 1.03 | 24 | 189 | 2338 | 543 | 3072 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.50 | 5.24 | 58 | 3539 | 21 | 8.6 | 25 | 2.67 | 0.66 | 0.09 | 13.32 | 67 | 0.44 | 1.26 | 20 | 208 | 2472 | 579 | 3260 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.50 | 5.99 | 67 | 3630 | 16 | 15.4 | 21 | 5.06 | 1.04 | 0.09 | 14.30 | 71 | 0.74 | 1.97 | 17 | 228 | 2429 | 2499 | 5158 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.50 | 6.69 | 74 | 3722 | 13 | 16.3 | 16 | 5.78 | 0.94 | 0.09 | 16.02 | 75 | 0.70 | 2.75 | 10 | 249 | 2339 | 3203 | 5793 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 0.50 | 7.09 | 79 | 3803 | 10 | 11.2 | 12 | 4.25 | 0.53 | 0.09 | 17.80 | 75 | 0.40 | 2.98 | 10 | 270 | 1918 | 1455 | 3644 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 0.55 | 7.48 | 83 | 3849 | 8 | 13.1 | 10 | 5.17 | 0.60 | 0.09 | 18.99 | 75 | 0.45 | 3.39 | 10 | 292 | 1556 | 1933 | 3782 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.55 | 7.83 | 87 | 3895 | 6 | 14.0 | 8 | 5.71 | 0.46 | 0.09 | 20.54 | 75 | 0.35 | 3.84 | 10 | 313 | 1302 | 1594 | 3210 | 1400 | 15 |
| 16 | 1400 | 0.83 | 100 | 1.18 | 7.93 | 88 | 3935 | 6 | 5.1 | 6 | 2.15 | 0.96 | 0.09 | 22.28 | 75 | 0.72 | 3.52 | 10 | 335 | 1893 | 1643 | 3872 | 1400 | 16 |
| 17 | 1400 | 0.00 | 99 | 1.18 | 8.00 | 89 | 3947 | 5 | 3.6 | 6 | 1.50 | 0.09 | 0.09 | 23.04 | 75 | 0.06 | 3.02 | 10 | 356 | 2348 | 98 | 2803 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 1.18 | 8.07 | 90 | 3954 | 5 | 4.5 | 5 | 1.90 | 0.10 | 0.09 | 23.34 | 75 | 0.08 | 2.70 | 10 | 377 | 836 | 99 | 1313 | 1400 | 18 |
| 19 | 1400 | 0.00 | 99 | 1.18 | 8.13 | 90 | 3963 | 5 | 3.5 | 5 | 1.46 | 0.07 | 0.09 | 23.76 | 75 | 0.05 | 2.37 | 10 | 397 | 455 | 53 | 906 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.20 | 8.25 | 92 | 3969 | 4 | 8.4 | 5 | 3.58 | 0.20 | 0.09 | 24.05 | 75 | 0.15 | 2.52 | 10 | 416 | 463 | 417 | 1298 | 1400 | 20 |
| 21 | 1400 | 0.03 | 100 | 1.22 | 8.31 | 92 | 3984 | 4 | 4.3 | 4 | 1.85 | 0.10 | 0.09 | 24.99 | 75 | 0.08 | 2.30 | 10 | 434 | 567 | 106 | 1108 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 1.40 | 8.38 | 93 | 3990 | 3 | 6.3 | 4 | 2.70 | 0.34 | 0.09 | 25.40 | 75 | 0.25 | 2.32 | 10 | 450 | 757 | 558 | 1767 | 1400 | 22 |
| 23 | 1400 | 0.60 | 97 | 1.40 | 8.40 | 93 | 3999 | 3 | 2.2 | 3 | 0.96 | 0.03 | 0.09 | 26.13 | 75 | 0.02 | 1.98 | 10 | 465 | 851 | 28 | 1346 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.40 | 8.47 | 94 | 4684 | 3 | 6.2 | 3 | 2.68 | 0.08 | 0.09 | 26.28 | 75 | 0.06 | 2.02 | 10 | 478 | 358 | 122 | 960 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.40 | 8.54 | 95 | 5028 | 2 | 8.1 | 3 | 3.54 | 0.10 | 0.09 | 26.91 | 75 | 0.07 | 2.23 | 10 | 490 | 328 | 206 | 1026 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.40 | 8.62 | 96 | 5063 | 2 | 10.1 | 2 | 4.41 | 0.11 | 0.09 | 27.82 | 75 | 0.08 | 2.57 | 10 | 499 | 325 | 291 | 1117 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.40 | 8.67 | 96 | 5101 | 2 | 7.0 | 2 | 3.08 | 0.06 | 0.09 | 29.00 | 75 | 0.05 | 2.56 | 10 | 506 | 279 | 111 | 898 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 1.40 | 8.70 | 97 | 5123 | 2 | 7.0 | 2 | 3.08 | 0.05 | 0.09 | 29.74 | 75 | 0.04 | 2.54 | 10 | 511 | 229 | 94 | 835 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 1.40 | 8.74 | 97 | 5142 | 1 | 7.0 | 1 | 3.07 | 0.05 | 0.09 | 30.47 | 75 | 0.03 | 2.52 | 10 | 514 | 196 | 81 | 793 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 1.40 | 8.76 | 97 | 5159 | 1 | 4.9 | 1 | 2.18 | 0.03 | 0.09 | 31.19 | 75 | 0.02 | 2.33 | 10 | 514 | 163 | 34 | 713 | 1400 | 30 |

FORM 1413

PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.444 IN./DEGREE-DAY, AREA = 307.6 SQ. MI.

| DAY | HOUR | PLPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 1.40 | 8.80 | 98 | 5169 | 1 | 8.9 | 1 | 3.95 | 0.05 | 0.09 | 31.65 | 75 | 0.04 | 2.52 | 10 | 513 | 139 | 114 | 768 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 1.40 | 8.84 | 98 | 5186 | 1 | 11.9 | 1 | 5.28 | 0.05 | 0.10 | 32.63 | 75 | 0.04 | 2.94 | 10 | 510 | 137 | 170 | 819 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 1.40 | 8.88 | 99 | 5205 | 1 | 15.8 | 1 | 7.06 | 0.06 | 0.10 | 34.02 | 75 | 0.04 | 3.66 | 10 | 504 | 117 | 212 | 836 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.40 | 8.91 | 99 | 5225 | 0 | 18.8 | 1 | 8.40 | 0.05 | 0.10 | 36.01 | 75 | 0.04 | 4.50 | 10 | 498 | 91 | 194 | 785 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.40 | 8.94 | 99 | 5242 | 0 | 19.8 | 0 | 8.86 | 0.03 | 0.10 | 38.41 | 75 | 0.02 | 5.10 | 10 | 489 | 65 | 138 | 694 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 1.40 | 8.95 | 99 | 5254 | 0 | 20.8 | 0 | 9.31 | 0.02 | 0.10 | 40.73 | 75 | 0.02 | 5.44 | 10 | 479 | 43 | 94 | 618 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.40 | 8.96 | 100 | 5262 | 0 | 20.8 | 0 | 9.31 | 0.01 | 0.10 | 42.85 | 75 | 0.01 | 5.43 | 10 | 468 | 28 | 59 | 556 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.40 | 8.97 | 100 | 5267 | 0 | 18.7 | 0 | 8.42 | 0.01 | 0.10 | 44.53 | 75 | 0.01 | 5.04 | 10 | 456 | 17 | 32 | 506 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.40 | 8.97 | 100 | 5270 | 0 | 14.7 | 0 | 6.62 | 0.00 | 0.10 | 45.62 | 75 | 0.00 | 4.40 | 10 | 443 | 11 | 15 | 469 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.40 | 8.98 | 100 | 5271 | 0 | 13.7 | 0 | 6.17 | 0.00 | 0.10 | 46.20 | 75 | 0.00 | 3.79 | 10 | 428 | 7 | 9 | 446 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 1.51 | 8.98 | 100 | 5272 | 0 | 13.7 | 0 | 6.17 | 0.15 | 0.10 | 46.61 | 75 | 0.11 | 3.26 | 10 | 414 | 95 | 541 | 1050 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 1.52 | 8.98 | 100 | 5273 | 0 | 20.7 | 0 | 9.32 | 0.01 | 0.10 | 46.97 | 75 | 0.01 | 2.88 | 10 | 399 | 171 | 63 | 633 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 1.53 | 8.98 | 100 | 5274 | 0 | 16.7 | 0 | 7.52 | 0.01 | 0.10 | 47.37 | 75 | 0.01 | 2.43 | 10 | 383 | 50 | 44 | 478 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 1.63 | 8.98 | 100 | 5274 | 0 | 11.7 | 0 | 5.27 | 0.14 | 0.10 | 47.53 | 75 | 0.11 | 2.02 | 10 | 367 | 113 | 456 | 937 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.63 | 8.98 | 100 | 5274 | 0 | 8.7 | 0 | 3.92 | 0.00 | 0.10 | 47.61 | 75 | 0.00 | 1.63 | 10 | 351 | 181 | 10 | 544 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 1.69 | 8.98 | 100 | 5274 | 0 | 6.7 | 0 | 3.03 | 0.07 | 0.10 | 47.58 | 75 | 0.05 | 1.33 | 14 | 335 | 119 | 112 | 568 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 1.69 | 8.98 | 100 | 5274 | 0 | 7.7 | 0 | 3.48 | 0.00 | 0.10 | 47.56 | 75 | 0.00 | 1.07 | 17 | 319 | 149 | 2 | 472 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 1.69 | 8.98 | 100 | 5275 | 0 | 6.7 | 0 | 3.03 | 0.00 | 0.10 | 47.51 | 75 | 0.00 | 0.87 | 19 | 303 | 32 | 0 | 337 | 1400 | 18 |
| 19 | 1400 | 0.24 | 100 | 1.87 | 8.98 | 100 | 5275 | 0 | 4.7 | 0 | 2.13 | 0.24 | 0.10 | 47.45 | 75 | 0.18 | 0.74 | 22 | 288 | 291 | 216 | 797 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 1.88 | 8.98 | 100 | 5275 | 0 | 10.7 | 0 | 4.82 | 0.02 | 0.10 | 47.46 | 75 | 0.02 | 0.61 | 25 | 273 | 539 | 47 | 860 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 1.88 | 8.98 | 100 | 5275 | 0 | 8.7 | 0 | 3.92 | 0.00 | 0.10 | 47.42 | 75 | 0.00 | 0.50 | 27 | 258 | 142 | 1 | 402 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.88 | 8.98 | 100 | 5275 | 0 | 12.7 | 0 | 5.72 | 0.00 | 0.10 | 47.35 | 75 | 0.00 | 0.42 | 29 | 244 | 15 | 0 | 260 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.88 | 8.98 | 100 | 5275 | 0 | 16.7 | 0 | 7.52 | 0.00 | 0.10 | 47.29 | 75 | 0.00 | 0.36 | 31 | 231 | 1 | 0 | 233 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 2.50 | 8.98 | 100 | 5275 | 0 | 10.7 | 0 | 4.82 | 0.82 | 0.10 | 47.23 | 75 | 0.62 | 0.42 | 34 | 218 | 550 | 1527 | 2296 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 2.57 | 8.98 | 100 | 5275 | 0 | 12.7 | 0 | 5.72 | 0.10 | 0.10 | 47.43 | 75 | 0.08 | 0.36 | 31 | 205 | 1064 | 244 | 1514 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.57 | 8.98 | 100 | 5275 | 0 | 11.7 | 0 | 5.27 | 0.00 | 0.10 | 47.38 | 75 | 0.00 | 0.29 | 34 | 194 | 334 | 4 | 533 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.57 | 8.98 | 100 | 5275 | 0 | 12.7 | 0 | 5.72 | 0.00 | 0.10 | 47.30 | 75 | 0.00 | 0.23 | 38 | 183 | 42 | 0 | 226 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 2.72 | 8.98 | 100 | 5275 | 0 | 9.7 | 0 | 4.37 | 0.20 | 0.10 | 47.21 | 75 | 0.15 | 0.22 | 42 | 173 | 157 | 211 | 542 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.72 | 8.98 | 100 | 5275 | 0 | 12.7 | 0 | 5.72 | 0.00 | 0.10 | 47.19 | 75 | 0.00 | 0.18 | 43 | 164 | 280 | 4 | 450 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.72 | 8.98 | 100 | 5275 | 0 | 11.7 | 0 | 5.27 | 0.00 | 0.10 | 47.10 | 75 | 0.00 | 0.14 | 46 | 157 | 60 | 0 | 218 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 2.72 | 8.98 | 100 | 5275 | 0 | 14.7 | 0 | 6.62 | 0.00 | 0.10 | 47.00 | 75 | 0.00 | 0.11 | 48 | 150 | 4 | 0 | 156 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 0 | 0 | 18 | 18 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.16 | 3 | 2361 | 93 | 1.6 | 100 | 0.16 | 0.16 | 0.09 | 4.00 | 100 | 0.16 | 0.06 | 57 | 117 | 83 | 15 | 217 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 0.55 | 9 | 2361 | 78 | 3.9 | 93 | 0.42 | 0.39 | 0.09 | 3.91 | 100 | 0.39 | 0.15 | 54 | 269 | 218 | 11 | 500 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.81 | 13 | 2361 | 71 | 2.7 | 78 | 0.34 | 0.26 | 0.09 | 3.82 | 100 | 0.26 | 0.20 | 47 | 160 | 169 | 9 | 340 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 1.94 | 32 | 2362 | 45 | 11.9 | 71 | 1.60 | 1.13 | 0.09 | 3.73 | 100 | 1.13 | 0.70 | 45 | 656 | 707 | 24 | 1388 | 1400 | 5 |
| 6 | 1400 | 0.13 | 100 | 0.13 | 2.61 | 44 | 2362 | 33 | 7.3 | 44 | 1.51 | 0.80 | 0.09 | 3.64 | 100 | 0.80 | 1.01 | 25 | 261 | 645 | 65 | 972 | 1400 | 6 |
| 7 | 1400 | 0.05 | 100 | 0.18 | 3.45 | 58 | 2362 | 21 | 9.6 | 33 | 2.52 | 0.89 | 0.09 | 3.57 | 100 | 0.89 | 1.65 | 20 | 228 | 630 | 132 | 992 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 0.18 | 4.19 | 70 | 2363 | 15 | 10.8 | 21 | 3.51 | 0.74 | 0.09 | 3.48 | 100 | 0.74 | 2.38 | 14 | 129 | 407 | 240 | 777 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 0.18 | 4.71 | 78 | 2363 | 10 | 9.6 | 15 | 3.53 | 0.52 | 0.09 | 3.39 | 100 | 0.52 | 2.92 | 10 | 66 | 280 | 330 | 677 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 0.18 | 5.01 | 84 | 2363 | 8 | 7.3 | 10 | 2.90 | 0.30 | 0.09 | 3.30 | 100 | 0.30 | 3.10 | 10 | 38 | 199 | 313 | 552 | 1400 | 10 |
| 11 | 1400 | 0.08 | 100 | 0.26 | 5.32 | 89 | 2363 | 5 | 9.6 | 8 | 3.94 | 0.39 | 0.09 | 3.21 | 100 | 0.39 | 3.67 | 10 | 50 | 187 | 248 | 487 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.26 | 5.49 | 92 | 2363 | 4 | 7.3 | 5 | 3.10 | 0.17 | 0.09 | 3.13 | 100 | 0.17 | 3.75 | 10 | 21 | 103 | 208 | 334 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 0.26 | 5.60 | 93 | 2363 | 3 | 6.2 | 4 | 2.65 | 0.11 | 0.09 | 3.04 | 100 | 0.11 | 3.65 | 10 | 13 | 77 | 147 | 239 | 1400 | 13 |
| 14 | 1400 | 0.00 | 100 | 0.26 | 5.68 | 95 | 2363 | 3 | 6.2 | 3 | 2.68 | 0.08 | 0.09 | 2.95 | 100 | 0.08 | 3.57 | 10 | 10 | 60 | 81 | 153 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 0.26 | 5.74 | 96 | 2363 | 2 | 5.0 | 2 | 2.20 | 0.05 | 0.09 | 2.86 | 100 | 0.05 | 3.36 | 10 | 7 | 44 | 46 | 98 | 1400 | 15 |
| 16 | 1400 | 0.00 | 100 | 0.26 | 5.78 | 96 | 2363 | 2 | 5.0 | 2 | 2.21 | 0.05 | 0.09 | 2.77 | 100 | 0.05 | 3.18 | 10 | 5 | 36 | 28 | 71 | 1400 | 16 |
| 17 | 1400 | 0.06 | 100 | 0.32 | 5.84 | 97 | 2363 | 1 | 8.5 | 2 | 3.74 | 0.12 | 0.09 | 2.68 | 100 | 0.12 | 3.58 | 10 | 15 | 61 | 31 | 109 | 1400 | 17 |
| 18 | 1400 | 0.13 | 100 | 0.45 | 5.87 | 98 | 2363 | 1 | 5.0 | 1 | 2.24 | 0.16 | 0.09 | 2.60 | 100 | 0.16 | 3.37 | 10 | 20 | 121 | 50 | 192 | 1400 | 18 |
| 19 | 1400 | 0.37 | 100 | 0.82 | 5.90 | 98 | 2363 | 1 | 7.3 | 1 | 3.26 | 0.40 | 0.09 | 2.53 | 100 | 0.40 | 3.56 | 10 | 51 | 211 | 95 | 359 | 1400 | 19 |
| 20 | 1400 | 0.21 | 100 | 1.03 | 5.92 | 99 | 2363 | 1 | 7.3 | 1 | 3.27 | 0.23 | 0.09 | 2.48 | 100 | 0.23 | 3.64 | 10 | 30 | 128 | 154 | 313 | 1400 | 20 |
| 21 | 1400 | 0.14 | 100 | 1.17 | 5.94 | 99 | 2363 | 0 | 8.5 | 1 | 3.79 | 0.16 | 0.09 | 2.42 | 100 | 0.16 | 3.81 | 10 | 20 | 77 | 161 | 260 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 1.17 | 5.96 | 99 | 2363 | 0 | 9.6 | 0 | 4.32 | 0.02 | 0.09 | 2.35 | 100 | 0.02 | 3.98 | 10 | 1 | 6 | 112 | 121 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 1.17 | 5.97 | 100 | 2363 | 0 | 10.8 | 0 | 4.84 | 0.01 | 0.09 | 2.26 | 100 | 0.01 | 4.12 | 10 | 1 | 4 | 55 | 62 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 1.17 | 5.98 | 100 | 2363 | 0 | 14.2 | 0 | 6.39 | 0.01 | 0.09 | 2.17 | 100 | 0.01 | 4.38 | 10 | 1 | 2 | 20 | 25 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 1.17 | 5.98 | 100 | 2363 | 0 | 13.1 | 0 | 5.88 | 0.00 | 0.09 | 2.08 | 100 | 0.00 | 4.07 | 10 | 0 | 1 | 9 | 12 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 1.17 | 5.99 | 100 | 2363 | 0 | 20.0 | 0 | 8.98 | 0.00 | 0.09 | 1.99 | 100 | 0.00 | 3.81 | 10 | 0 | 0 | 5 | 7 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 1.17 | 5.99 | 100 | 2363 | 0 | 22.3 | 0 | 10.02 | 0.00 | 0.09 | 1.90 | 100 | 0.00 | 3.19 | 10 | 0 | 0 | 3 | 4 | 1400 | 27 |
| 28 | 1400 | 0.46 | 100 | 1.63 | 5.99 | 100 | 2363 | 0 | 14.2 | 0 | 6.40 | 0.46 | 0.09 | 1.81 | 100 | 0.46 | 2.63 | 10 | 59 | 128 | 72 | 261 | 1400 | 28 |
| 29 | 1400 | 0.01 | 100 | 1.64 | 5.99 | 100 | 2363 | 0 | 20.0 | 0 | 8.99 | 0.01 | 0.09 | 1.78 | 100 | 0.01 | 2.09 | 10 | 1 | 2 | 168 | 172 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 1.74 | 5.99 | 100 | 2363 | 0 | 23.4 | 0 | 10.54 | 0.10 | 0.09 | 1.69 | 100 | 0.10 | 1.67 | 10 | 12 | 18 | 145 | 176 | 1400 | 30 |
| 31 | 1400 | 0.29 | 100 | 2.03 | 5.99 | 100 | 2363 | 0 | 17.7 | 0 | 7.95 | 0.29 | 0.09 | 1.61 | 100 | 0.29 | 1.37 | 13 | 49 | 67 | 123 | 241 | 1400 | 31 |

FORM 1115-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 100 | 2.32 | 5.99 | 100 | 2363 | 0 | 16.5 | 0 | 7.43 | 0.29 | 0.09 | 1.56 | 100 | 0.29 | 1.14 | 16 | 60 | 72 | 185 | 319 | 1400 | 1 |
| 2 | 1400 | 0.41 | 100 | 2.73 | 5.99 | 100 | 2363 | 0 | 8.5 | 0 | 3.82 | 0.41 | 0.09 | 1.50 | 100 | 0.41 | 0.98 | 19 | 98 | 186 | 230 | 514 | 1400 | 2 |
| 3 | 1400 | 0.01 | 100 | 2.74 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.09 | 1.46 | 100 | 0.01 | 0.77 | 20 | 2 | 9 | 198 | 211 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 2.74 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.38 | 100 | 0.00 | 0.61 | 24 | 0 | 0 | 100 | 101 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.74 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.29 | 100 | 0.00 | 0.48 | 27 | 0 | 0 | 26 | 27 | 1400 | 5 |
| 6 | 1400 | 0.30 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.30 | 0.09 | 1.20 | 100 | 0.30 | 0.44 | 30 | 114 | 258 | 7 | 381 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.14 | 100 | 0.00 | 0.35 | 31 | 0 | 0 | 6 | 7 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 1.05 | 100 | 0.00 | 0.27 | 35 | 0 | 0 | 4 | 4 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.96 | 100 | 0.00 | 0.21 | 39 | 0 | 0 | 1 | 1 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.87 | 100 | 0.00 | 0.17 | 44 | 0 | 0 | 0 | 0 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.78 | 100 | 0.00 | 0.13 | 47 | 0 | 0 | 0 | 0 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.69 | 100 | 0.00 | 0.10 | 48 | 0 | 0 | 0 | 0 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.60 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 0 | 0 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 3.11 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.07 | 0.09 | 0.51 | 100 | 0.07 | 0.08 | 52 | 46 | 41 | 0 | 88 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.11 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.43 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 1 | 1400 | 15 |
| 16 | 1400 | 0.83 | 100 | 3.94 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.83 | 0.09 | 0.34 | 100 | 0.83 | 0.23 | 54 | 575 | 460 | 6 | 1043 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.94 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.32 | 100 | 0.00 | 0.18 | 43 | 0 | 0 | 14 | 14 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.94 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.23 | 100 | 0.00 | 0.14 | 46 | 0 | 0 | 10 | 10 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 3.94 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.14 | 100 | 0.00 | 0.11 | 48 | 0 | 0 | 2 | 3 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 3.97 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.09 | 0.05 | 100 | 0.03 | 0.09 | 50 | 19 | 18 | 0 | 38 | 1400 | 20 |
| 21 | 1400 | 0.03 | 100 | 4.00 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.03 | 0.09 | 0.00 | 100 | 0.03 | 0.08 | 51 | 19 | 18 | 0 | 38 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.09 | 0.00 | 100 | 0.24 | 0.11 | 52 | 161 | 140 | 2 | 304 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.09 | 49 | 0 | 0 | 3 | 3 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.07 | 51 | 0 | 0 | 2 | 2 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.06 | 53 | 0 | 0 | 0 | 1 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.04 | 54 | 0 | 0 | 0 | 0 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 0 | 0 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.03 | 57 | 0 | 0 | 0 | 0 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.02 | 57 | 0 | 0 | 0 | 0 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.02 | 58 | 0 | 0 | 0 | 0 | 1400 | 30 |



FORM 1613
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. 250881 INITIAL DATE, HOUR 1 MAY 1972 1400

JOB DESCRIPTION 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 | |
| 1 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 0.01 | 58 | 0 | 0 | 0 | 0 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.01 | 59 | 0 | 0 | 0 | 0 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.01 | 59 | 0 | 0 | 0 | 0 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.01 | 59 | 0 | 0 | 0 | 0 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.00 | 59 | 0 | 0 | 0 | 0 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.00 | 60 | 0 | 0 | 0 | 0 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.00 | 60 | 0 | 0 | 0 | 0 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.00 | 60 | 0 | 0 | 0 | 0 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.00 | 60 | 0 | 0 | 0 | 0 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 4.24 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.00 | 60 | 0 | 0 | 0 | 0 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 4.39 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.10 | 0.00 | 100 | 0.15 | 0.03 | 60 | 115 | 73 | 0 | 190 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 4.40 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 0.00 | 100 | 0.01 | 0.03 | 57 | 7 | 5 | 1 | 14 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 4.41 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.10 | 0.00 | 100 | 0.01 | 0.02 | 57 | 7 | 5 | 1 | 14 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 4.55 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.10 | 0.00 | 100 | 0.14 | 0.05 | 58 | 103 | 72 | 1 | 178 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 4.55 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 1 | 2 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 4.62 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.07 | 0.10 | 0.00 | 100 | 0.07 | 0.05 | 56 | 50 | 37 | 1 | 90 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 4.62 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 1 | 1 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 4.62 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 0 | 1 | 1400 | 18 |
| 19 | 1400 | 0.24 | 100 | 4.86 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.10 | 0.00 | 100 | 0.24 | 0.07 | 57 | 177 | 125 | 1 | 304 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 4.88 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.10 | 0.00 | 100 | 0.02 | 0.06 | 53 | 13 | 11 | 2 | 28 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 4.88 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.05 | 54 | 0 | 0 | 2 | 2 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 4.88 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.04 | 55 | 0 | 0 | 0 | 1 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 4.88 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.03 | 56 | 0 | 0 | 0 | 0 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 5.69 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.82 | 0.10 | 0.00 | 100 | 0.82 | 0.20 | 57 | 602 | 424 | 5 | 1033 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 5.79 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 0.00 | 100 | 0.10 | 0.18 | 45 | 58 | 67 | 12 | 138 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 5.79 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.14 | 46 | 0 | 0 | 10 | 11 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 5.79 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.11 | 48 | 0 | 0 | 3 | 4 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 5.99 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.20 | 0.10 | 0.00 | 100 | 0.20 | 0.13 | 50 | 127 | 123 | 1 | 253 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 5.99 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.10 | 49 | 0 | 0 | 2 | 3 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 5.99 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.08 | 50 | 0 | 0 | 2 | 2 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 5.99 | 5.99 | 100 | 2363 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 0.00 | 100 | 0.00 | 0.06 | 52 | 0 | 0 | 0 | 1 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1611-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | MI-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 120 | 20 | 0 | 140 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2100 | 99 | 1.2 | 57 | 0.12 | 0.07 | 0.09 | 4.00 | 32 | 0.02 | 0.03 | 57 | 120 | 20 | 7 | 147 | 1400 | 2 |
| 3 | 1400 | 0.00 | 41 | 0.00 | 0.10 | 2 | 2112 | 96 | 2.9 | 82 | 0.30 | 0.24 | 0.09 | 3.96 | 32 | 0.08 | 0.04 | 57 | 120 | 20 | 15 | 156 | 1400 | 3 |
| 4 | 1400 | 0.00 | 14 | 0.00 | 0.14 | 2 | 2154 | 94 | 1.9 | 70 | 0.20 | 0.14 | 0.09 | 4.04 | 32 | 0.05 | 0.04 | 56 | 120 | 20 | 19 | 160 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 0.48 | 8 | 2179 | 80 | 10.5 | 94 | 1.12 | 1.05 | 0.09 | 4.05 | 32 | 0.34 | 0.12 | 56 | 120 | 20 | 27 | 168 | 1400 | 5 |
| 6 | 1400 | 0.13 | 87 | 0.04 | 0.69 | 11 | 2364 | 74 | 5.7 | 78 | 0.68 | 0.64 | 0.09 | 4.85 | 39 | 0.25 | 0.17 | 49 | 120 | 22 | 50 | 193 | 1400 | 6 |
| 7 | 1400 | 0.05 | 97 | 0.06 | 0.99 | 17 | 2438 | 66 | 7.8 | 74 | 1.00 | 0.79 | 0.09 | 5.28 | 41 | 0.32 | 0.23 | 47 | 120 | 27 | 102 | 250 | 1400 | 7 |
| 8 | 1400 | 0.00 | 99 | 0.06 | 1.34 | 22 | 2548 | 57 | 8.8 | 66 | 1.24 | 0.81 | 0.09 | 5.89 | 43 | 0.35 | 0.31 | 42 | 120 | 38 | 158 | 318 | 1400 | 8 |
| 9 | 1400 | 0.00 | 97 | 0.06 | 1.63 | 27 | 2662 | 51 | 7.2 | 57 | 1.16 | 0.66 | 0.09 | 6.62 | 45 | 0.29 | 0.37 | 36 | 120 | 63 | 209 | 393 | 1400 | 9 |
| 10 | 1400 | 0.00 | 87 | 0.06 | 1.82 | 30 | 2742 | 47 | 4.6 | 49 | 0.85 | 0.41 | 0.09 | 7.25 | 46 | 0.19 | 0.38 | 34 | 120 | 108 | 263 | 492 | 1400 | 10 |
| 11 | 1400 | 0.08 | 97 | 0.10 | 2.11 | 35 | 2795 | 41 | 6.6 | 47 | 1.29 | 0.68 | 0.09 | 7.63 | 48 | 0.33 | 0.46 | 33 | 120 | 183 | 293 | 597 | 1400 | 11 |
| 12 | 1400 | 0.00 | 87 | 0.10 | 2.28 | 38 | 2873 | 38 | 4.0 | 39 | 0.88 | 0.34 | 0.09 | 8.37 | 50 | 0.17 | 0.45 | 30 | 120 | 298 | 294 | 713 | 1400 | 12 |
| 13 | 1400 | 0.00 | 77 | 0.10 | 2.40 | 40 | 2909 | 37 | 2.8 | 35 | 0.65 | 0.22 | 0.09 | 8.73 | 51 | 0.11 | 0.42 | 30 | 120 | 459 | 304 | 884 | 1400 | 13 |
| 14 | 1400 | 0.00 | 77 | 0.10 | 2.50 | 42 | 2931 | 35 | 2.7 | 33 | 0.65 | 0.21 | 0.09 | 8.94 | 51 | 0.11 | 0.40 | 31 | 120 | 667 | 279 | 1068 | 1400 | 14 |
| 15 | 1400 | 0.00 | 67 | 0.10 | 2.57 | 43 | 2951 | 34 | 1.7 | 27 | 0.43 | 0.12 | 0.09 | 9.15 | 52 | 0.06 | 0.35 | 32 | 120 | 919 | 208 | 1248 | 1400 | 15 |
| 16 | 1400 | 0.00 | 67 | 0.10 | 2.62 | 44 | 2963 | 33 | 1.6 | 26 | 0.42 | 0.11 | 0.09 | 9.22 | 52 | 0.06 | 0.31 | 34 | 120 | 1204 | 142 | 1468 | 1400 | 16 |
| 17 | 1400 | 0.06 | 95 | 0.13 | 2.83 | 47 | 2974 | 30 | 4.6 | 33 | 1.21 | 0.45 | 0.09 | 9.29 | 52 | 0.24 | 0.40 | 36 | 121 | 1508 | 99 | 1730 | 1400 | 17 |
| 18 | 1400 | 0.13 | 67 | 0.18 | 2.88 | 48 | 3038 | 30 | 1.4 | 23 | 0.40 | 0.18 | 0.09 | 9.86 | 54 | 0.10 | 0.36 | 32 | 122 | 1812 | 97 | 2032 | 1400 | 18 |
| 19 | 1400 | 0.37 | 87 | 0.35 | 3.02 | 50 | 3064 | 28 | 3.3 | 27 | 0.95 | 0.58 | 0.09 | 9.96 | 54 | 0.32 | 0.43 | 34 | 123 | 2097 | 141 | 2362 | 1400 | 19 |
| 20 | 1400 | 0.21 | 87 | 0.45 | 3.16 | 53 | 3142 | 26 | 3.2 | 25 | 0.96 | 0.43 | 0.09 | 10.50 | 56 | 0.24 | 0.47 | 31 | 124 | 2346 | 189 | 2660 | 1400 | 20 |
| 21 | 1400 | 0.14 | 95 | 0.53 | 3.34 | 56 | 3216 | 23 | 4.1 | 25 | 1.27 | 0.45 | 0.09 | 10.94 | 57 | 0.26 | 0.56 | 30 | 126 | 2547 | 258 | 2933 | 1400 | 21 |
| 22 | 1400 | 0.00 | 97 | 0.53 | 3.55 | 59 | 3316 | 20 | 5.1 | 23 | 1.62 | 0.37 | 0.09 | 11.53 | 59 | 0.22 | 0.67 | 28 | 128 | 2697 | 329 | 3156 | 1400 | 22 |
| 23 | 1400 | 0.00 | 99 | 0.53 | 3.80 | 63 | 3431 | 18 | 6.0 | 20 | 2.00 | 0.39 | 0.09 | 12.20 | 61 | 0.24 | 0.82 | 26 | 131 | 2801 | 380 | 3313 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 0.53 | 4.17 | 69 | 3505 | 15 | 9.4 | 18 | 3.22 | 0.57 | 0.09 | 12.97 | 65 | 0.37 | 1.18 | 23 | 135 | 2868 | 439 | 3443 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 0.53 | 4.48 | 75 | 3619 | 12 | 8.0 | 15 | 2.93 | 0.43 | 0.09 | 14.24 | 71 | 0.31 | 1.46 | 18 | 139 | 2913 | 635 | 3688 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.53 | 5.00 | 83 | 3714 | 8 | 14.8 | 12 | 5.64 | 0.69 | 0.09 | 15.16 | 75 | 0.52 | 2.51 | 15 | 144 | 2950 | 1107 | 4203 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.53 | 5.40 | 90 | 3873 | 5 | 16.4 | 8 | 6.70 | 0.54 | 0.09 | 17.19 | 75 | 0.40 | 3.76 | 10 | 151 | 2993 | 2082 | 5227 | 1400 | 27 |
| 28 | 1400 | 0.46 | 100 | 0.87 | 5.51 | 92 | 3997 | 4 | 7.2 | 5 | 3.05 | 0.61 | 0.09 | 19.87 | 75 | 0.45 | 3.61 | 10 | 158 | 3050 | 3880 | 7089 | 1400 | 28 |
| 29 | 1400 | 0.01 | 100 | 0.88 | 5.67 | 94 | 4178 | 3 | 12.6 | 4 | 5.42 | 0.22 | 0.09 | 20.87 | 75 | 0.17 | 4.09 | 10 | 166 | 3129 | 5349 | 8646 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 0.96 | 5.80 | 97 | 4457 | 2 | 15.6 | 3 | 6.80 | 0.28 | 0.09 | 22.72 | 75 | 0.21 | 4.99 | 10 | 175 | 3231 | 5273 | 8681 | 1400 | 30 |
| 31 | 1400 | 0.29 | 100 | 1.17 | 5.85 | 97 | 4691 | 1 | 9.5 | 2 | 4.18 | 0.35 | 0.09 | 25.40 | 75 | 0.27 | 4.79 | 10 | 186 | 3354 | 4270 | 7811 | 1400 | 31 |



FORM 1315
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE 250881 RUN NO. 1 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.445 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 100 | 1.39 | 5.88 | 98 | 4776 | 1 | 8.2 | 1 | 3.63 | 0.33 | 0.09 | 26.70 | 75 | 0.25 | 4.49 | 10 | 198 | 3493 | 3582 | 7275 | 1400 | 1 |
| 2 | 1400 | 0.41 | 95 | 1.68 | 5.88 | 98 | 4830 | 1 | 0.2 | 0 | 0.08 | 0.39 | 0.15 | 27.76 | 75 | 0.29 | 3.59 | 10 | 211 | 3639 | 3329 | 7180 | 1400 | 2 |
| 3 | 1400 | 0.01 | 100 | 1.69 | 5.90 | 98 | 4831 | 1 | 5.8 | 1 | 2.57 | 0.03 | 0.15 | 27.81 | 75 | 0.02 | 3.26 | 10 | 225 | 3779 | 2882 | 6888 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 1.69 | 5.92 | 99 | 4861 | 1 | 8.0 | 1 | 3.58 | 0.03 | 0.15 | 28.33 | 75 | 0.02 | 3.19 | 10 | 241 | 3903 | 1949 | 6094 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 1.69 | 5.93 | 99 | 4896 | 1 | 8.0 | 1 | 3.56 | 0.02 | 0.15 | 29.16 | 75 | 0.02 | 3.10 | 10 | 258 | 4001 | 993 | 5253 | 1400 | 5 |
| 6 | 1400 | 0.30 | 97 | 1.91 | 5.93 | 99 | 4923 | 1 | 1.0 | 0 | 0.46 | 0.29 | 0.15 | 29.93 | 75 | 0.22 | 2.55 | 10 | 276 | 4068 | 449 | 4795 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.91 | 5.95 | 99 | 4926 | 0 | 11.4 | 0 | 5.09 | 0.02 | 0.15 | 30.02 | 75 | 0.02 | 2.90 | 10 | 295 | 4101 | 269 | 4667 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.91 | 5.96 | 99 | 4956 | 0 | 12.5 | 0 | 5.59 | 0.02 | 0.15 | 31.25 | 75 | 0.01 | 3.18 | 10 | 316 | 4099 | 272 | 4688 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.91 | 5.97 | 100 | 4978 | 0 | 13.6 | 0 | 6.09 | 0.01 | 0.15 | 32.51 | 75 | 0.01 | 3.37 | 10 | 338 | 4060 | 284 | 4683 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.91 | 5.98 | 100 | 4994 | 0 | 12.1 | 0 | 5.43 | 0.01 | 0.15 | 33.71 | 75 | 0.01 | 3.25 | 10 | 361 | 3986 | 247 | 4594 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.91 | 5.98 | 100 | 5044 | 0 | 20.0 | 0 | 8.96 | 0.01 | 0.15 | 34.48 | 75 | 0.01 | 3.43 | 10 | 385 | 3877 | 191 | 4454 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 1.91 | 5.99 | 100 | 5170 | 0 | 20.9 | 0 | 9.39 | 0.00 | 0.15 | 35.69 | 75 | 0.00 | 3.19 | 10 | 409 | 3736 | 140 | 4287 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 1.91 | 5.99 | 100 | 5230 | 0 | 15.1 | 0 | 6.77 | 0.00 | 0.15 | 36.30 | 75 | 0.00 | 2.67 | 10 | 435 | 3565 | 107 | 4109 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 1.96 | 5.99 | 100 | 5249 | 0 | 17.3 | 0 | 7.79 | 0.07 | 0.15 | 36.40 | 75 | 0.05 | 2.22 | 10 | 462 | 3368 | 87 | 3918 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.96 | 5.99 | 100 | 5261 | 0 | 18.5 | 0 | 8.29 | 0.00 | 0.15 | 36.46 | 75 | 0.00 | 1.81 | 10 | 489 | 3147 | 148 | 3785 | 1400 | 15 |
| 16 | 1400 | 0.83 | 100 | 2.59 | 5.99 | 100 | 5268 | 0 | 11.5 | 0 | 5.19 | 0.83 | 0.15 | 36.41 | 75 | 0.62 | 1.58 | 12 | 517 | 2907 | 390 | 3815 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.59 | 5.99 | 100 | 5270 | 0 | 10.4 | 0 | 4.67 | 0.00 | 0.15 | 36.62 | 75 | 0.00 | 1.25 | 14 | 545 | 2653 | 1324 | 4523 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.59 | 5.99 | 100 | 5272 | 0 | 11.5 | 0 | 5.19 | 0.00 | 0.15 | 36.48 | 75 | 0.00 | 0.99 | 17 | 573 | 2392 | 3095 | 6062 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.59 | 5.99 | 100 | 5273 | 0 | 10.4 | 0 | 4.67 | 0.00 | 0.15 | 36.35 | 75 | 0.00 | 0.79 | 20 | 602 | 2135 | 3229 | 5967 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 2.61 | 5.99 | 100 | 5273 | 0 | 16.1 | 0 | 7.25 | 0.03 | 0.15 | 36.21 | 75 | 0.02 | 0.63 | 24 | 630 | 1891 | 1751 | 4273 | 1400 | 20 |
| 21 | 1400 | 0.03 | 100 | 2.63 | 5.99 | 100 | 5274 | 0 | 11.5 | 0 | 5.18 | 0.03 | 0.15 | 36.08 | 75 | 0.02 | 0.50 | 26 | 659 | 1670 | 634 | 2964 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 2.81 | 5.99 | 100 | 5274 | 0 | 13.8 | 0 | 6.22 | 0.24 | 0.15 | 35.95 | 75 | 0.18 | 0.44 | 29 | 687 | 1480 | 283 | 2452 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 9.2 | 0 | 4.15 | 0.00 | 0.15 | 35.92 | 75 | 0.00 | 0.34 | 31 | 714 | 1323 | 411 | 2450 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 13.8 | 0 | 6.22 | 0.00 | 0.15 | 35.77 | 75 | 0.00 | 0.27 | 35 | 742 | 1197 | 751 | 2691 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 16.1 | 0 | 7.25 | 0.00 | 0.15 | 35.62 | 75 | 0.00 | 0.21 | 39 | 768 | 1097 | 730 | 2596 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 18.4 | 0 | 8.28 | 0.00 | 0.15 | 35.47 | 75 | 0.00 | 0.17 | 44 | 794 | 1017 | 385 | 2197 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 15.0 | 0 | 6.73 | 0.00 | 0.15 | 35.32 | 75 | 0.00 | 0.13 | 47 | 818 | 952 | 130 | 1902 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 15.0 | 0 | 6.73 | 0.00 | 0.15 | 35.17 | 75 | 0.00 | 0.10 | 48 | 842 | 895 | 32 | 1771 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 15.0 | 0 | 6.73 | 0.00 | 0.15 | 35.02 | 75 | 0.00 | 0.08 | 50 | 864 | 843 | 6 | 1715 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 34.87 | 75 | 0.00 | 0.06 | 52 | 886 | 793 | 1 | 1681 | 1400 | 30 |



FORM 1411-4 PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE 250881 RUN NO. 1 INITIAL DATE, HOUR MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1972 | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 34.72 | 75 | 0.00 | 0.05 | 54 | 905 | 741 | 0 | 1648 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 34.57 | 75 | 0.00 | 0.04 | 55 | 924 | 687 | 0 | 1612 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 34.42 | 75 | 0.00 | 0.03 | 56 | 941 | 630 | 0 | 1572 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 34.27 | 75 | 0.00 | 0.02 | 57 | 956 | 571 | 0 | 1528 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 34.12 | 75 | 0.00 | 0.02 | 58 | 970 | 511 | 0 | 1482 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 33.97 | 75 | 0.00 | 0.02 | 58 | 982 | 451 | 0 | 1434 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 33.82 | 75 | 0.00 | 0.01 | 58 | 993 | 393 | 0 | 1387 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 33.67 | 75 | 0.00 | 0.01 | 59 | 1002 | 337 | 0 | 1340 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 33.52 | 75 | 0.00 | 0.01 | 59 | 1009 | 286 | 0 | 1296 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.81 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 33.37 | 75 | 0.00 | 0.01 | 59 | 1015 | 239 | 0 | 1255 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 2.92 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.15 | 0.15 | 33.22 | 75 | 0.11 | 0.03 | 59 | 1019 | 198 | 0 | 1219 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 2.93 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.15 | 33.14 | 75 | 0.01 | 0.02 | 57 | 1022 | 162 | 6 | 1191 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 2.94 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.01 | 0.15 | 32.99 | 75 | 0.01 | 0.02 | 58 | 1023 | 131 | 19 | 1175 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 3.04 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.14 | 0.15 | 32.85 | 75 | 0.11 | 0.04 | 58 | 1022 | 106 | 23 | 1152 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 3.04 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 32.76 | 75 | 0.00 | 0.03 | 56 | 1020 | 87 | 20 | 1129 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 3.10 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.07 | 0.15 | 32.61 | 75 | 0.05 | 0.04 | 57 | 1016 | 75 | 25 | 1118 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 3.10 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 32.50 | 75 | 0.00 | 0.03 | 56 | 1012 | 71 | 25 | 1109 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 3.10 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 32.35 | 75 | 0.00 | 0.02 | 57 | 1005 | 74 | 21 | 1102 | 1400 | 18 |
| 19 | 1400 | 0.24 | 100 | 3.28 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.24 | 0.15 | 32.20 | 75 | 0.18 | 0.06 | 58 | 998 | 85 | 15 | 1099 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 3.29 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.02 | 0.15 | 32.16 | 75 | 0.02 | 0.05 | 54 | 989 | 103 | 17 | 1111 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.29 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 32.01 | 75 | 0.00 | 0.04 | 55 | 979 | 126 | 35 | 1141 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 3.29 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 31.86 | 75 | 0.00 | 0.03 | 56 | 968 | 153 | 38 | 1160 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 3.29 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 31.71 | 75 | 0.00 | 0.02 | 57 | 956 | 182 | 22 | 1162 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 3.91 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.82 | 0.15 | 31.56 | 75 | 0.62 | 0.15 | 58 | 943 | 213 | 11 | 1169 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 3.98 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.15 | 31.73 | 75 | 0.08 | 0.13 | 48 | 930 | 244 | 43 | 1218 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 3.98 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 31.63 | 75 | 0.00 | 0.11 | 48 | 915 | 276 | 125 | 1317 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 3.98 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 31.48 | 75 | 0.00 | 0.08 | 50 | 900 | 308 | 145 | 1356 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 4.13 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.20 | 0.15 | 31.33 | 75 | 0.15 | 0.10 | 52 | 884 | 346 | 89 | 1321 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 4.13 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 31.27 | 75 | 0.00 | 0.08 | 50 | 868 | 392 | 44 | 1306 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 4.13 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 31.12 | 75 | 0.00 | 0.06 | 52 | 851 | 449 | 40 | 1341 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 4.13 | 5.99 | 100 | 5275 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 30.97 | 75 | 0.00 | 0.05 | 54 | 834 | 517 | 55 | 1388 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %A | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 4.00 | 0 | 0.00 | 0.03 | 0 | 130 | 20 | 8 | 158 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 1910 | 100 | 1.4 | 13 | 0.14 | 0.02 | 0.09 | 4.00 | 32 | 0.01 | 0.02 | 57 | 129 | 28 | 2 | 161 | 1400 | 2 |
| 3 | 1400 | 0.00 | 10 | 0.00 | 0.02 | 0 | 2001 | 99 | 1.7 | 34 | 0.17 | 0.06 | 0.09 | 3.92 | 31 | 0.02 | 0.02 | 58 | 129 | 72 | 7 | 210 | 1400 | 3 |
| 4 | 1400 | 0.00 | 5 | 0.00 | 0.03 | 0 | 2041 | 99 | 1.5 | 21 | 0.15 | 0.03 | 0.09 | 3.87 | 31 | 0.01 | 0.02 | 58 | 129 | 108 | 4 | 242 | 1400 | 4 |
| 5 | 1400 | 0.00 | 80 | 0.00 | 0.23 | 3 | 2065 | 92 | 6.6 | 94 | 0.67 | 0.63 | 0.09 | 3.80 | 30 | 0.19 | 0.06 | 58 | 130 | 530 | 79 | 741 | 1400 | 5 |
| 6 | 1400 | 0.13 | 38 | 0.02 | 0.29 | 4 | 2510 | 90 | 3.1 | 58 | 0.34 | 0.25 | 0.09 | 4.19 | 34 | 0.08 | 0.07 | 54 | 139 | 1080 | 37 | 1258 | 1400 | 6 |
| 7 | 1400 | 0.05 | 60 | 0.03 | 0.41 | 6 | 2663 | 85 | 4.5 | 73 | 0.49 | 0.39 | 0.09 | 4.30 | 34 | 0.13 | 0.09 | 53 | 162 | 946 | 61 | 1170 | 1400 | 7 |
| 8 | 1400 | 0.00 | 70 | 0.03 | 0.57 | 8 | 2949 | 80 | 5.0 | 75 | 0.58 | 0.43 | 0.09 | 4.51 | 36 | 0.16 | 0.11 | 51 | 202 | 1197 | 74 | 1474 | 1400 | 8 |
| 9 | 1400 | 0.00 | 60 | 0.03 | 0.68 | 10 | 3139 | 77 | 3.9 | 63 | 0.47 | 0.30 | 0.09 | 4.77 | 38 | 0.11 | 0.12 | 50 | 259 | 1280 | 56 | 1597 | 1400 | 9 |
| 10 | 1400 | 0.00 | 38 | 0.03 | 0.74 | 11 | 3220 | 76 | 2.4 | 43 | 0.30 | 0.13 | 0.09 | 4.92 | 39 | 0.05 | 0.11 | 49 | 331 | 937 | 25 | 1294 | 1400 | 10 |
| 11 | 1400 | 0.08 | 60 | 0.05 | 0.84 | 12 | 3256 | 73 | 3.7 | 59 | 0.47 | 0.33 | 0.09 | 4.93 | 39 | 0.13 | 0.12 | 50 | 410 | 789 | 63 | 1263 | 1400 | 11 |
| 12 | 1400 | 0.00 | 38 | 0.05 | 0.89 | 13 | 3334 | 72 | 2.2 | 40 | 0.29 | 0.11 | 0.09 | 5.11 | 40 | 0.05 | 0.11 | 49 | 490 | 883 | 23 | 1396 | 1400 | 12 |
| 13 | 1400 | 0.00 | 27 | 0.05 | 0.91 | 13 | 3366 | 72 | 1.5 | 28 | 0.20 | 0.06 | 0.09 | 5.11 | 40 | 0.02 | 0.09 | 50 | 564 | 461 | 11 | 1037 | 1400 | 13 |
| 14 | 1400 | 0.00 | 27 | 0.05 | 0.93 | 13 | 3382 | 71 | 1.5 | 28 | 0.19 | 0.05 | 0.09 | 5.07 | 40 | 0.02 | 0.08 | 51 | 626 | 244 | 10 | 882 | 1400 | 14 |
| 15 | 1400 | 0.00 | 15 | 0.05 | 0.94 | 13 | 3397 | 71 | 0.8 | 17 | 0.11 | 0.02 | 0.09 | 5.02 | 40 | 0.01 | 0.06 | 52 | 672 | 161 | 3 | 838 | 1400 | 15 |
| 16 | 1400 | 0.00 | 15 | 0.05 | 0.95 | 14 | 3402 | 71 | 0.8 | 16 | 0.11 | 0.02 | 0.09 | 4.95 | 40 | 0.01 | 0.05 | 54 | 698 | 81 | 3 | 783 | 1400 | 16 |
| 17 | 1400 | 0.06 | 50 | 0.06 | 1.01 | 14 | 3407 | 69 | 2.7 | 47 | 0.36 | 0.20 | 0.09 | 4.87 | 39 | 0.08 | 0.06 | 55 | 704 | 246 | 34 | 986 | 1400 | 17 |
| 18 | 1400 | 0.13 | 15 | 0.07 | 1.02 | 15 | 3454 | 69 | 0.7 | 15 | 0.10 | 0.03 | 0.09 | 4.96 | 40 | 0.01 | 0.05 | 54 | 696 | 412 | 6 | 1115 | 1400 | 18 |
| 19 | 1400 | 0.37 | 38 | 0.12 | 1.06 | 15 | 3458 | 68 | 2.0 | 35 | 0.27 | 0.24 | 0.09 | 4.91 | 39 | 0.09 | 0.07 | 55 | 676 | 391 | 41 | 1110 | 1400 | 19 |
| 20 | 1400 | 0.21 | 38 | 0.15 | 1.09 | 16 | 3485 | 67 | 1.9 | 34 | 0.27 | 0.17 | 0.09 | 5.04 | 40 | 0.07 | 0.07 | 53 | 653 | 652 | 31 | 1338 | 1400 | 20 |
| 21 | 1400 | 0.14 | 50 | 0.18 | 1.15 | 16 | 3511 | 66 | 2.5 | 44 | 0.34 | 0.22 | 0.09 | 5.10 | 40 | 0.09 | 0.08 | 53 | 630 | 678 | 41 | 1351 | 1400 | 21 |
| 22 | 1400 | 0.00 | 60 | 0.18 | 1.24 | 18 | 3554 | 64 | 3.1 | 49 | 0.44 | 0.22 | 0.09 | 5.21 | 41 | 0.09 | 0.09 | 52 | 613 | 767 | 42 | 1423 | 1400 | 22 |
| 23 | 1400 | 0.00 | 70 | 0.18 | 1.36 | 19 | 3617 | 61 | 3.8 | 53 | 0.55 | 0.29 | 0.09 | 5.32 | 41 | 0.12 | 0.12 | 51 | 604 | 895 | 58 | 1559 | 1400 | 23 |
| 24 | 1400 | 0.00 | 92 | 0.18 | 1.61 | 23 | 3703 | 56 | 6.6 | 59 | 0.98 | 0.58 | 0.09 | 5.52 | 41 | 0.24 | 0.18 | 49 | 606 | 1444 | 121 | 2172 | 1400 | 24 |
| 25 | 1400 | 0.00 | 86 | 0.18 | 1.81 | 26 | 3839 | 53 | 5.3 | 54 | 0.86 | 0.46 | 0.09 | 6.04 | 43 | 0.20 | 0.22 | 46 | 622 | 2061 | 106 | 2791 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.18 | 2.29 | 33 | 3944 | 44 | 11.8 | 53 | 2.08 | 1.10 | 0.09 | 6.45 | 44 | 0.48 | 0.41 | 43 | 660 | 2967 | 441 | 4070 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.18 | 2.88 | 41 | 4231 | 35 | 13.6 | 44 | 2.83 | 1.24 | 0.09 | 7.74 | 48 | 0.60 | 0.68 | 32 | 726 | 5251 | 979 | 6957 | 1400 | 27 |
| 28 | 1400 | 0.46 | 92 | 0.40 | 3.10 | 44 | 4527 | 33 | 4.9 | 34 | 1.22 | 0.84 | 0.09 | 9.48 | 53 | 0.44 | 0.73 | 26 | 826 | 6403 | 625 | 7855 | 1400 | 28 |
| 29 | 1400 | 0.01 | 100 | 0.41 | 3.60 | 51 | 4620 | 27 | 10.3 | 33 | 2.75 | 0.91 | 0.09 | 10.25 | 55 | 0.50 | 0.97 | 25 | 959 | 6147 | 1129 | 8236 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 0.47 | 4.23 | 60 | 4829 | 19 | 13.2 | 27 | 4.02 | 1.17 | 0.09 | 11.68 | 59 | 0.69 | 1.47 | 21 | 1113 | 6670 | 3136 | 10922 | 1400 | 30 |
| 31 | 1400 | 0.29 | 99 | 0.67 | 4.53 | 65 | 5129 | 17 | 6.8 | 19 | 2.26 | 0.72 | 0.09 | 13.90 | 70 | 0.50 | 1.58 | 15 | 1278 | 7162 | 1792 | 10234 | 1400 | 31 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.360 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 98 | 0.88 | 4.77 | 68 | 5249 | 16 | 5.4 | 17 | 1.89 | 0.61 | 0.09 | 14.71 | 74 | 0.45 | 1.61 | 14 | 1440 | 6588 | 1441 | 9469 | 1400 | 1 |
| 2 | 1400 | 0.41 | 50 | 1.03 | 4.77 | 68 | 5343 | 16 | 0.0 | 0 | 0.00 | 0.20 | 0.09 | 15.28 | 75 | 0.15 | 1.30 | 14 | 1584 | 5066 | 147 | 6798 | 1400 | 2 |
| 3 | 1400 | 0.01 | 92 | 1.04 | 4.88 | 70 | 5343 | 15 | 3.1 | 14 | 1.11 | 0.17 | 0.09 | 15.29 | 75 | 0.12 | 1.19 | 17 | 1697 | 2759 | 200 | 4658 | 1400 | 3 |
| 4 | 1400 | 0.00 | 98 | 1.04 | 5.09 | 73 | 5390 | 13 | 5.2 | 15 | 1.90 | 0.28 | 0.09 | 15.47 | 75 | 0.21 | 1.27 | 18 | 1770 | 2268 | 522 | 4562 | 1400 | 4 |
| 5 | 1400 | 0.00 | 98 | 1.04 | 5.28 | 75 | 5472 | 12 | 5.0 | 13 | 1.90 | 0.25 | 0.09 | 15.90 | 75 | 0.19 | 1.33 | 17 | 1800 | 2634 | 481 | 4917 | 1400 | 5 |
| 6 | 1400 | 0.30 | 60 | 1.17 | 5.28 | 75 | 5546 | 12 | 0.0 | 0 | 0.00 | 0.18 | 0.09 | 16.33 | 75 | 0.14 | 1.08 | 17 | 1790 | 2459 | 112 | 4363 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.17 | 5.57 | 80 | 5546 | 10 | 8.4 | 12 | 3.22 | 0.38 | 0.09 | 16.32 | 75 | 0.29 | 1.46 | 19 | 1747 | 2524 | 1343 | 5616 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.17 | 5.84 | 83 | 5660 | 8 | 9.3 | 10 | 3.72 | 0.37 | 0.09 | 17.19 | 75 | 0.28 | 1.88 | 15 | 1680 | 2988 | 1719 | 6389 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.17 | 6.09 | 87 | 5769 | 6 | 10.3 | 8 | 4.21 | 0.34 | 0.09 | 18.24 | 75 | 0.25 | 2.33 | 11 | 1598 | 2757 | 2073 | 6430 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.17 | 6.26 | 89 | 5869 | 5 | 8.4 | 6 | 3.53 | 0.22 | 0.09 | 19.48 | 75 | 0.16 | 2.52 | 10 | 1509 | 2257 | 1106 | 4874 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.17 | 6.52 | 93 | 5934 | 3 | 16.0 | 5 | 6.78 | 0.34 | 0.09 | 20.45 | 75 | 0.26 | 3.61 | 10 | 1417 | 1794 | 3085 | 6297 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 1.17 | 6.69 | 96 | 6165 | 2 | 16.4 | 3 | 7.08 | 0.23 | 0.09 | 22.90 | 75 | 0.17 | 4.57 | 10 | 1323 | 1376 | 2135 | 4836 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 1.17 | 6.76 | 97 | 6484 | 2 | 10.1 | 2 | 4.43 | 0.09 | 0.09 | 25.49 | 75 | 0.07 | 4.46 | 10 | 1230 | 925 | 618 | 2775 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 1.23 | 6.82 | 97 | 6610 | 1 | 12.2 | 2 | 5.38 | 0.16 | 0.09 | 26.75 | 75 | 0.12 | 4.62 | 10 | 1139 | 729 | 1231 | 3099 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.23 | 6.87 | 98 | 6727 | 1 | 13.1 | 1 | 5.83 | 0.07 | 0.09 | 28.41 | 75 | 0.05 | 4.83 | 10 | 1048 | 655 | 553 | 2257 | 1400 | 15 |
| 16 | 1400 | 0.83 | 100 | 1.85 | 6.89 | 98 | 6818 | 1 | 6.1 | 1 | 2.71 | 0.85 | 0.09 | 30.17 | 75 | 0.64 | 4.37 | 10 | 960 | 2470 | 4292 | 7723 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 1.85 | 6.90 | 99 | 6848 | 1 | 4.9 | 1 | 2.18 | 0.01 | 0.09 | 31.05 | 75 | 0.01 | 3.78 | 10 | 878 | 4048 | 57 | 4984 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 1.85 | 6.91 | 99 | 6868 | 1 | 6.0 | 1 | 2.68 | 0.02 | 0.09 | 31.48 | 75 | 0.01 | 3.39 | 10 | 804 | 996 | 57 | 1858 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 1.85 | 6.92 | 99 | 6890 | 1 | 4.8 | 1 | 2.16 | 0.01 | 0.09 | 32.04 | 75 | 0.01 | 2.98 | 10 | 737 | 210 | 30 | 978 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.87 | 6.94 | 99 | 6906 | 0 | 10.6 | 0 | 4.72 | 0.05 | 0.09 | 32.45 | 75 | 0.04 | 3.13 | 10 | 676 | 188 | 368 | 1233 | 1400 | 20 |
| 21 | 1400 | 0.03 | 100 | 1.89 | 6.94 | 99 | 6936 | 0 | 5.9 | 0 | 2.64 | 0.04 | 0.09 | 33.58 | 75 | 0.03 | 2.83 | 10 | 617 | 312 | 140 | 1071 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 2.07 | 6.95 | 99 | 6948 | 0 | 8.2 | 0 | 3.66 | 0.25 | 0.09 | 34.07 | 75 | 0.19 | 2.78 | 10 | 561 | 836 | 1455 | 2853 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.07 | 6.95 | 99 | 6963 | 0 | 3.6 | 0 | 1.59 | 0.00 | 0.09 | 34.87 | 75 | 0.00 | 2.38 | 10 | 508 | 1120 | 13 | 1642 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.07 | 6.96 | 99 | 6968 | 0 | 8.1 | 0 | 3.65 | 0.01 | 0.09 | 35.08 | 75 | 0.01 | 2.33 | 10 | 458 | 277 | 42 | 778 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.07 | 6.97 | 100 | 6979 | 0 | 10.2 | 0 | 4.56 | 0.01 | 0.09 | 35.71 | 75 | 0.01 | 2.39 | 10 | 412 | 75 | 55 | 544 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.07 | 6.97 | 100 | 6991 | 0 | 11.9 | 0 | 5.35 | 0.01 | 0.09 | 36.48 | 75 | 0.01 | 2.47 | 10 | 369 | 50 | 57 | 478 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.07 | 6.97 | 100 | 7018 | 0 | 8.0 | 0 | 3.59 | 0.00 | 0.09 | 37.30 | 75 | 0.00 | 2.25 | 10 | 329 | 38 | 18 | 386 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7159 | 0 | 7.8 | 0 | 3.48 | 0.00 | 0.09 | 37.70 | 75 | 0.00 | 2.04 | 10 | 292 | 28 | 13 | 335 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7271 | 0 | 7.6 | 0 | 3.40 | 0.00 | 0.09 | 38.02 | 75 | 0.00 | 1.83 | 10 | 257 | 22 | 10 | 291 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7360 | 0 | 5.1 | 0 | 2.30 | 0.00 | 0.09 | 38.29 | 75 | 0.00 | 1.58 | 12 | 224 | 17 | 3 | 246 | 1400 | 30 |



FORM 1815
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7409 | 0 | 9.6 | 0 | 4.33 | 0.00 | 0.09 | 38.41 | 75 | 0.00 | 1.48 | 14 | 194 | 13 | 12 | 221 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7491 | 0 | 13.0 | 0 | 5.82 | 0.00 | 0.10 | 38.69 | 75 | 0.00 | 1.43 | 15 | 167 | 12 | 15 | 197 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7576 | 0 | 17.4 | 0 | 7.83 | 0.00 | 0.10 | 39.01 | 75 | 0.00 | 1.40 | 16 | 143 | 10 | 17 | 171 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 2.07 | 6.98 | 100 | 7656 | 0 | 20.7 | 0 | 9.32 | 0.00 | 0.10 | 39.34 | 75 | 0.00 | 1.31 | 16 | 121 | 6 | 12 | 142 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.07 | 6.99 | 100 | 7711 | 0 | 21.8 | 0 | 9.80 | 0.00 | 0.10 | 39.56 | 75 | 0.00 | 1.14 | 17 | 103 | 4 | 6 | 114 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.07 | 6.99 | 100 | 7741 | 0 | 22.9 | 0 | 10.29 | 0.00 | 0.10 | 39.64 | 75 | 0.00 | 0.96 | 19 | 86 | 2 | 3 | 92 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 2.07 | 6.99 | 100 | 7757 | 0 | 22.9 | 0 | 10.28 | 0.00 | 0.10 | 39.63 | 75 | 0.00 | 0.78 | 21 | 72 | 1 | 1 | 75 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.07 | 6.99 | 100 | 7764 | 0 | 20.6 | 0 | 9.24 | 0.00 | 0.10 | 39.57 | 75 | 0.00 | 0.63 | 24 | 60 | 0 | 0 | 61 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.07 | 6.99 | 100 | 7767 | 0 | 16.0 | 0 | 7.17 | 0.00 | 0.10 | 39.49 | 75 | 0.00 | 0.50 | 27 | 49 | 0 | 0 | 50 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.07 | 6.99 | 100 | 7768 | 0 | 14.8 | 0 | 6.65 | 0.00 | 0.10 | 39.40 | 75 | 0.00 | 0.39 | 29 | 41 | 0 | 0 | 41 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 2.19 | 6.99 | 100 | 7769 | 0 | 14.8 | 0 | 6.65 | 0.15 | 0.10 | 39.30 | 75 | 0.11 | 0.33 | 32 | 34 | 199 | 853 | 1088 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 2.19 | 6.99 | 100 | 7769 | 0 | 22.8 | 0 | 10.27 | 0.01 | 0.10 | 39.26 | 75 | 0.01 | 0.27 | 35 | 31 | 371 | 70 | 474 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 2.20 | 6.99 | 100 | 7770 | 0 | 18.2 | 0 | 8.20 | 0.01 | 0.10 | 39.17 | 75 | 0.01 | 0.21 | 40 | 32 | 105 | 53 | 192 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 2.31 | 6.99 | 100 | 7770 | 0 | 12.5 | 0 | 5.62 | 0.14 | 0.10 | 39.08 | 75 | 0.11 | 0.19 | 44 | 39 | 249 | 445 | 735 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.31 | 6.99 | 100 | 7770 | 0 | 9.0 | 0 | 4.07 | 0.00 | 0.10 | 39.03 | 75 | 0.00 | 0.15 | 46 | 51 | 405 | 1 | 458 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 2.36 | 6.99 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.07 | 0.10 | 38.93 | 75 | 0.05 | 0.13 | 48 | 67 | 227 | 89 | 384 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.36 | 6.99 | 100 | 7770 | 0 | 7.9 | 0 | 3.55 | 0.00 | 0.10 | 38.86 | 75 | 0.00 | 0.10 | 49 | 88 | 261 | 0 | 350 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.36 | 6.99 | 100 | 7770 | 0 | 6.7 | 0 | 3.03 | 0.00 | 0.10 | 38.76 | 75 | 0.00 | 0.08 | 50 | 109 | 55 | 0 | 165 | 1400 | 18 |
| 19 | 1400 | 0.24 | 100 | 2.54 | 6.99 | 100 | 7770 | 0 | 4.4 | 0 | 2.00 | 0.24 | 0.10 | 38.66 | 75 | 0.18 | 0.10 | 52 | 131 | 472 | 188 | 792 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 2.55 | 6.99 | 100 | 7770 | 0 | 11.3 | 0 | 5.10 | 0.02 | 0.10 | 38.65 | 75 | 0.02 | 0.08 | 50 | 154 | 882 | 43 | 1081 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 2.55 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.56 | 75 | 0.00 | 0.06 | 52 | 182 | 243 | 0 | 426 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 2.55 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.46 | 75 | 0.00 | 0.05 | 54 | 211 | 27 | 0 | 239 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.55 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.36 | 75 | 0.00 | 0.04 | 55 | 238 | 1 | 0 | 240 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 3.17 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.82 | 0.10 | 38.26 | 75 | 0.62 | 0.16 | 56 | 264 | 1558 | 297 | 2120 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 3.24 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.10 | 0.10 | 38.44 | 75 | 0.08 | 0.14 | 47 | 304 | 3062 | 40 | 3407 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 3.24 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.38 | 75 | 0.00 | 0.11 | 48 | 370 | 1033 | 0 | 1404 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 3.24 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.28 | 75 | 0.00 | 0.09 | 49 | 459 | 138 | 0 | 598 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 3.39 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.20 | 0.10 | 38.18 | 75 | 0.15 | 0.10 | 51 | 553 | 434 | 72 | 1060 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 3.39 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.16 | 75 | 0.00 | 0.08 | 50 | 640 | 772 | 0 | 1413 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 3.39 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 38.06 | 75 | 0.00 | 0.06 | 52 | 712 | 167 | 0 | 880 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 3.39 | 6.99 | 100 | 7770 | 0 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 37.96 | 75 | 0.00 | 0.05 | 54 | 763 | 12 | 0 | 776 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y



FORM 1417-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 420 | 30 | 16 | 466 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 1450 | 100 | 0.6 | 2 | 0.06 | 0.00 | 0.09 | 4.00 | 50 | 0.00 | 0.02 | 57 | 419 | 28 | 11 | 459 | 1400 | 2 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 1452 | 100 | 0.9 | 13 | 0.09 | 0.01 | 0.09 | 3.91 | 49 | 0.01 | 0.02 | 58 | 419 | 26 | 3 | 450 | 1400 | 3 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 1471 | 100 | 0.4 | 5 | 0.04 | 0.00 | 0.09 | 3.83 | 48 | 0.00 | 0.02 | 58 | 419 | 30 | 2 | 452 | 1400 | 4 |
| 5 | 1400 | 0.00 | 58 | 0.00 | 0.18 | 1 | 1475 | 97 | 4.3 | 83 | 0.43 | 0.36 | 0.09 | 3.74 | 47 | 0.17 | 0.05 | 58 | 419 | 177 | 31 | 629 | 1400 | 5 |
| 6 | 1400 | 0.13 | 15 | 0.01 | 0.21 | 2 | 2001 | 96 | 1.9 | 40 | 0.19 | 0.10 | 0.09 | 3.84 | 48 | 0.05 | 0.05 | 55 | 419 | 568 | 64 | 1053 | 1400 | 6 |
| 7 | 1400 | 0.05 | 32 | 0.02 | 0.30 | 2 | 2033 | 95 | 2.6 | 65 | 0.27 | 0.19 | 0.09 | 3.82 | 48 | 0.09 | 0.06 | 55 | 419 | 898 | 46 | 1364 | 1400 | 7 |
| 8 | 1400 | 0.00 | 45 | 0.02 | 0.42 | 3 | 2095 | 93 | 3.3 | 70 | 0.35 | 0.25 | 0.09 | 3.84 | 48 | 0.12 | 0.07 | 54 | 419 | 1012 | 61 | 1493 | 1400 | 8 |
| 9 | 1400 | 0.00 | 32 | 0.02 | 0.50 | 4 | 2182 | 91 | 2.5 | 61 | 0.27 | 0.16 | 0.09 | 3.89 | 49 | 0.08 | 0.08 | 53 | 419 | 1116 | 67 | 1603 | 1400 | 9 |
| 10 | 1400 | 0.00 | 15 | 0.02 | 0.53 | 4 | 2240 | 91 | 1.5 | 34 | 0.16 | 0.05 | 0.09 | 3.89 | 49 | 0.03 | 0.07 | 52 | 420 | 1123 | 45 | 1589 | 1400 | 10 |
| 11 | 1400 | 0.08 | 32 | 0.03 | 0.60 | 4 | 2259 | 89 | 2.4 | 59 | 0.26 | 0.18 | 0.09 | 3.83 | 48 | 0.09 | 0.07 | 53 | 421 | 940 | 35 | 1397 | 1400 | 11 |
| 12 | 1400 | 0.00 | 15 | 0.03 | 0.63 | 4 | 2314 | 89 | 1.4 | 32 | 0.15 | 0.05 | 0.09 | 3.86 | 49 | 0.02 | 0.06 | 53 | 424 | 780 | 39 | 1244 | 1400 | 12 |
| 13 | 1400 | 0.00 | 7 | 0.03 | 0.64 | 5 | 2331 | 89 | 1.1 | 19 | 0.13 | 0.02 | 0.09 | 3.79 | 48 | 0.01 | 0.05 | 54 | 428 | 647 | 18 | 1094 | 1400 | 13 |
| 14 | 1400 | 0.00 | 7 | 0.03 | 0.65 | 5 | 2339 | 88 | 1.1 | 19 | 0.13 | 0.02 | 0.09 | 3.72 | 47 | 0.01 | 0.04 | 55 | 433 | 433 | 8 | 876 | 1400 | 14 |
| 15 | 1400 | 0.00 | 2 | 0.03 | 0.65 | 5 | 2347 | 88 | 0.6 | 10 | 0.07 | 0.01 | 0.09 | 3.64 | 46 | 0.00 | 0.04 | 56 | 440 | 239 | 5 | 685 | 1400 | 15 |
| 16 | 1400 | 0.00 | 2 | 0.03 | 0.65 | 5 | 2350 | 88 | 0.6 | 10 | 0.07 | 0.01 | 0.09 | 3.56 | 46 | 0.00 | 0.03 | 56 | 448 | 131 | 2 | 583 | 1400 | 16 |
| 17 | 1400 | 0.06 | 22 | 0.04 | 0.69 | 5 | 2352 | 88 | 1.8 | 44 | 0.20 | 0.10 | 0.09 | 3.47 | 45 | 0.05 | 0.03 | 57 | 457 | 111 | 9 | 579 | 1400 | 17 |
| 18 | 1400 | 0.13 | 2 | 0.04 | 0.70 | 5 | 2381 | 88 | 0.6 | 9 | 0.07 | 0.01 | 0.09 | 3.45 | 45 | 0.00 | 0.03 | 57 | 467 | 178 | 16 | 662 | 1400 | 18 |
| 19 | 1400 | 0.37 | 15 | 0.06 | 0.72 | 5 | 2382 | 87 | 1.2 | 30 | 0.14 | 0.10 | 0.09 | 3.38 | 44 | 0.04 | 0.03 | 57 | 478 | 244 | 12 | 735 | 1400 | 19 |
| 20 | 1400 | 0.21 | 15 | 0.03 | 0.73 | 5 | 2396 | 87 | 1.2 | 30 | 0.14 | 0.07 | 0.09 | 3.40 | 44 | 0.03 | 0.03 | 57 | 488 | 288 | 20 | 797 | 1400 | 20 |
| 21 | 1400 | 0.14 | 22 | 0.09 | 0.77 | 6 | 2409 | 86 | 1.7 | 43 | 0.20 | 0.12 | 0.09 | 3.38 | 44 | 0.05 | 0.04 | 57 | 499 | 357 | 23 | 880 | 1400 | 21 |
| 22 | 1400 | 0.00 | 32 | 0.09 | 0.83 | 6 | 2436 | 85 | 2.2 | 55 | 0.26 | 0.14 | 0.09 | 3.38 | 44 | 0.06 | 0.04 | 56 | 509 | 453 | 31 | 994 | 1400 | 22 |
| 23 | 1400 | 0.00 | 45 | 0.09 | 0.92 | 7 | 2480 | 84 | 3.0 | 61 | 0.34 | 0.21 | 0.09 | 3.38 | 44 | 0.09 | 0.06 | 56 | 518 | 592 | 42 | 1154 | 1400 | 23 |
| 24 | 1400 | 0.00 | 77 | 0.09 | 1.13 | 8 | 2546 | 80 | 5.3 | 77 | 0.62 | 0.48 | 0.09 | 3.43 | 44 | 0.21 | 0.10 | 54 | 527 | 897 | 78 | 1504 | 1400 | 24 |
| 25 | 1400 | 0.00 | 70 | 0.09 | 1.30 | 9 | 2695 | 78 | 4.2 | 70 | 0.51 | 0.36 | 0.09 | 3.67 | 47 | 0.17 | 0.13 | 50 | 535 | 1444 | 119 | 2100 | 1400 | 25 |
| 26 | 1400 | 0.00 | 99 | 0.09 | 1.76 | 13 | 2776 | 72 | 10.1 | 77 | 1.25 | 0.96 | 0.09 | 3.83 | 48 | 0.46 | 0.24 | 49 | 543 | 2280 | 208 | 3033 | 1400 | 26 |
| 27 | 1400 | 0.00 | 99 | 0.09 | 2.36 | 17 | 2998 | 65 | 12.0 | 72 | 1.57 | 1.14 | 0.09 | 4.42 | 54 | 0.62 | 0.39 | 42 | 551 | 3624 | 482 | 4857 | 1400 | 27 |
| 28 | 1400 | 0.46 | 77 | 0.30 | 2.61 | 19 | 3180 | 62 | 4.6 | 58 | 0.65 | 0.73 | 0.09 | 5.13 | 61 | 0.45 | 0.43 | 33 | 559 | 5958 | 677 | 7196 | 1400 | 28 |
| 29 | 1400 | 0.01 | 99 | 0.31 | 3.16 | 23 | 3248 | 57 | 9.5 | 61 | 1.39 | 0.86 | 0.09 | 5.47 | 65 | 0.56 | 0.55 | 31 | 570 | 7643 | 758 | 8971 | 1400 | 29 |
| 30 | 1400 | 0.10 | 99 | 0.38 | 3.93 | 28 | 3383 | 50 | 12.2 | 57 | 1.97 | 1.21 | 0.09 | 5.92 | 69 | 0.84 | 0.78 | 28 | 583 | 8981 | 1357 | 10923 | 1400 | 30 |
| 31 | 1400 | 0.29 | 94 | 0.58 | 4.38 | 31 | 3552 | 46 | 6.5 | 49 | 1.21 | 0.86 | 0.09 | 6.56 | 76 | 0.65 | 0.86 | 24 | 602 | 10755 | 1927 | 13285 | 1400 | 31 |



FORM 24112
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.212 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 91 | 0.79 | 4.74 | 34 | 3650 | 43 | 5.2 | 44 | 1.04 | 0.73 | 0.09 | 6.88 | 79 | 0.57 | 0.91 | 22 | 626 | 12094 | 1630 | 14351 | 1400 | 1 |
| 2 | 1400 | 0.41 | 22 | 0.87 | 4.74 | 34 | 3730 | 43 | 0.0 | 0 | 0.00 | 0.09 | 0.09 | 7.12 | 81 | 0.07 | 0.73 | 22 | 657 | 11364 | 1027 | 13049 | 1400 | 2 |
| 3 | 1400 | 0.01 | 77 | 0.87 | 4.94 | 35 | 3730 | 41 | 3.2 | 36 | 0.68 | 0.25 | 0.09 | 7.09 | 81 | 0.21 | 0.68 | 25 | 695 | 8443 | 331 | 9471 | 1400 | 3 |
| 4 | 1400 | 0.00 | 91 | 0.87 | 5.28 | 38 | 3774 | 39 | 4.8 | 39 | 1.06 | 0.41 | 0.09 | 7.12 | 81 | 0.34 | 0.72 | 26 | 742 | 5643 | 401 | 6788 | 1400 | 4 |
| 5 | 1400 | 0.00 | 91 | 0.87 | 5.60 | 40 | 3832 | 37 | 4.7 | 37 | 1.07 | 0.39 | 0.09 | 7.23 | 82 | 0.32 | 0.76 | 25 | 797 | 4982 | 609 | 6390 | 1400 | 5 |
| 6 | 1400 | 0.30 | 32 | 0.95 | 5.61 | 40 | 3882 | 36 | 0.2 | 5 | 0.05 | 0.10 | 0.09 | 7.33 | 83 | 0.08 | 0.61 | 24 | 859 | 5225 | 476 | 6562 | 1400 | 6 |
| 7 | 1400 | 0.00 | 99 | 0.95 | 6.14 | 44 | 3882 | 33 | 7.6 | 35 | 1.83 | 0.65 | 0.09 | 7.30 | 83 | 0.54 | 0.83 | 27 | 928 | 5051 | 642 | 6623 | 1400 | 7 |
| 8 | 1400 | 0.00 | 99 | 0.95 | 6.76 | 48 | 3964 | 29 | 8.4 | 33 | 2.20 | 0.73 | 0.09 | 7.54 | 85 | 0.62 | 1.10 | 23 | 1003 | 5795 | 1774 | 8574 | 1400 | 8 |
| 9 | 1400 | 0.00 | 99 | 0.95 | 7.44 | 53 | 4105 | 25 | 9.1 | 29 | 2.65 | 0.77 | 0.09 | 7.81 | 88 | 0.68 | 1.45 | 19 | 1082 | 7940 | 3068 | 12091 | 1400 | 9 |
| 10 | 1400 | 0.00 | 99 | 0.95 | 7.99 | 57 | 4291 | 22 | 7.8 | 25 | 2.41 | 0.60 | 0.09 | 8.09 | 91 | 0.55 | 1.68 | 15 | 1163 | 9709 | 3905 | 14779 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 0.95 | 8.95 | 64 | 4440 | 18 | 14.9 | 22 | 4.81 | 1.04 | 0.09 | 8.25 | 93 | 0.96 | 2.49 | 13 | 1247 | 10103 | 7015 | 18367 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 0.95 | 9.86 | 70 | 4619 | 14 | 15.6 | 17 | 5.41 | 0.95 | 0.09 | 8.60 | 96 | 0.91 | 3.31 | 10 | 1332 | 9564 | 13386 | 24283 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 0.95 | 10.36 | 74 | 4758 | 13 | 9.7 | 14 | 3.57 | 0.51 | 0.09 | 8.77 | 98 | 0.50 | 3.44 | 10 | 1418 | 8578 | 12613 | 22610 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 1.02 | 10.89 | 78 | 4834 | 11 | 11.4 | 13 | 4.34 | 0.62 | 0.09 | 8.77 | 98 | 0.60 | 3.78 | 10 | 1503 | 7430 | 8660 | 17595 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.02 | 11.39 | 81 | 4916 | 9 | 12.1 | 11 | 4.75 | 0.51 | 0.09 | 8.81 | 98 | 0.50 | 4.15 | 10 | 1586 | 6407 | 8734 | 16729 | 1400 | 15 |
| 16 | 1400 | 0.83 | 99 | 1.83 | 11.59 | 83 | 4992 | 8 | 5.4 | 9 | 2.19 | 1.02 | 0.09 | 8.83 | 98 | 1.00 | 3.92 | 10 | 1668 | 6325 | 9217 | 17212 | 1400 | 16 |
| 17 | 1400 | 0.00 | 99 | 1.83 | 11.72 | 84 | 5063 | 8 | 4.4 | 7 | 1.80 | 0.13 | 0.09 | 8.86 | 99 | 0.13 | 3.43 | 10 | 1748 | 7376 | 7575 | 16700 | 1400 | 17 |
| 18 | 1400 | 0.00 | 99 | 1.83 | 11.88 | 85 | 5121 | 7 | 5.2 | 8 | 2.12 | 0.17 | 0.09 | 8.79 | 98 | 0.16 | 3.17 | 10 | 1824 | 7315 | 2216 | 11356 | 1400 | 18 |
| 19 | 1400 | 0.00 | 99 | 1.83 | 11.99 | 86 | 5193 | 7 | 4.2 | 6 | 1.74 | 0.11 | 0.09 | 8.75 | 97 | 0.11 | 2.81 | 10 | 1896 | 5289 | 1024 | 8211 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 1.86 | 12.24 | 87 | 5241 | 6 | 9.2 | 7 | 3.80 | 0.29 | 0.09 | 8.70 | 97 | 0.28 | 3.11 | 10 | 1963 | 3484 | 1709 | 7157 | 1400 | 20 |
| 21 | 1400 | 0.03 | 99 | 1.89 | 12.36 | 88 | 5355 | 6 | 4.8 | 6 | 2.01 | 0.15 | 0.09 | 8.74 | 97 | 0.15 | 2.89 | 10 | 2025 | 2882 | 2618 | 7526 | 1400 | 21 |
| 22 | 1400 | 0.24 | 99 | 2.12 | 12.51 | 89 | 5407 | 5 | 6.8 | 6 | 2.86 | 0.40 | 0.09 | 8.71 | 97 | 0.39 | 2.97 | 10 | 2080 | 3020 | 2399 | 7501 | 1400 | 22 |
| 23 | 1400 | 0.00 | 96 | 2.12 | 12.56 | 90 | 5477 | 5 | 2.7 | 4 | 1.14 | 0.05 | 0.09 | 8.75 | 97 | 0.05 | 2.52 | 10 | 2130 | 3368 | 2676 | 8175 | 1400 | 23 |
| 24 | 1400 | 0.00 | 99 | 2.12 | 12.69 | 91 | 5497 | 5 | 6.7 | 5 | 2.82 | 0.14 | 0.09 | 8.68 | 97 | 0.13 | 2.62 | 10 | 2171 | 3151 | 1047 | 6371 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.12 | 12.85 | 92 | 5558 | 4 | 8.7 | 4 | 3.69 | 0.16 | 0.09 | 8.69 | 97 | 0.16 | 2.91 | 10 | 2206 | 2446 | 1462 | 6135 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.12 | 13.03 | 93 | 5629 | 3 | 10.6 | 4 | 4.57 | 0.18 | 0.09 | 8.73 | 97 | 0.17 | 3.38 | 10 | 2232 | 1994 | 2229 | 6456 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.12 | 13.13 | 94 | 5706 | 3 | 7.4 | 3 | 3.18 | 0.10 | 0.09 | 8.78 | 98 | 0.10 | 3.38 | 10 | 2251 | 1806 | 2192 | 6250 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.12 | 13.22 | 94 | 5752 | 3 | 7.3 | 3 | 3.17 | 0.09 | 0.09 | 8.77 | 98 | 0.09 | 3.37 | 10 | 2261 | 1612 | 1366 | 5240 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.12 | 13.30 | 95 | 5792 | 2 | 7.2 | 3 | 3.15 | 0.08 | 0.09 | 8.76 | 98 | 0.08 | 3.36 | 10 | 2264 | 1415 | 1062 | 4742 | 1400 | 29 |
| 30 | 1400 | 0.00 | 99 | 2.12 | 13.35 | 95 | 5828 | 2 | 5.1 | 2 | 2.21 | 0.05 | 0.09 | 8.75 | 97 | 0.05 | 3.11 | 10 | 2258 | 1240 | 783 | 4283 | 1400 | 30 |

FORM 1315-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

FII = 0.10 IN./DAY, MELT RATE = 0.440 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | FII | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 2.12 | 13.44 | 96 | 5851 | 2 | 9.2 | 2 | 4.04 | 0.09 | 0.09 | 8.72 | 97 | 0.08 | 3.37 | 10 | 2245 | 1089 | 717 | 4053 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 2.12 | 13.51 | 96 | 5889 | 2 | 9.0 | 2 | 3.96 | 0.07 | 0.10 | 8.75 | 98 | 0.07 | 3.55 | 10 | 2225 | 969 | 1073 | 4268 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.12 | 13.60 | 97 | 5921 | 1 | 13.1 | 2 | 5.78 | 0.09 | 0.10 | 8.76 | 98 | 0.09 | 4.19 | 10 | 2199 | 874 | 1241 | 4315 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 2.12 | 13.69 | 98 | 5962 | 1 | 16.2 | 1 | 7.15 | 0.09 | 0.10 | 8.82 | 98 | 0.09 | 5.10 | 10 | 2165 | 776 | 1596 | 4539 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.12 | 13.76 | 98 | 7004 | 1 | 17.1 | 1 | 7.60 | 0.07 | 0.10 | 8.87 | 99 | 0.07 | 5.92 | 10 | 2127 | 663 | 1644 | 4435 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.12 | 13.82 | 99 | 7055 | 1 | 18.1 | 1 | 8.05 | 0.06 | 0.10 | 8.89 | 99 | 0.06 | 6.63 | 10 | 2083 | 541 | 1399 | 4024 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 2.12 | 13.86 | 99 | 7095 | 0 | 18.0 | 1 | 8.04 | 0.04 | 0.10 | 8.89 | 99 | 0.04 | 7.08 | 10 | 2034 | 421 | 1097 | 3554 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.12 | 13.89 | 99 | 7124 | 0 | 15.9 | 0 | 7.10 | 0.03 | 0.10 | 8.89 | 99 | 0.03 | 7.04 | 10 | 1981 | 317 | 779 | 3079 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.12 | 13.90 | 99 | 7143 | 0 | 11.6 | 0 | 5.21 | 0.01 | 0.10 | 8.87 | 99 | 0.01 | 6.47 | 10 | 1925 | 233 | 477 | 2637 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.12 | 13.91 | 99 | 7153 | 0 | 10.6 | 0 | 4.73 | 0.01 | 0.10 | 8.83 | 98 | 0.01 | 5.87 | 10 | 1866 | 172 | 266 | 2305 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 2.26 | 13.92 | 99 | 7161 | 0 | 10.5 | 0 | 4.73 | 0.16 | 0.10 | 8.79 | 98 | 0.16 | 5.38 | 10 | 1805 | 230 | 930 | 2966 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 2.27 | 13.94 | 100 | 7167 | 0 | 17.9 | 0 | 8.02 | 0.02 | 0.10 | 8.79 | 98 | 0.02 | 5.49 | 10 | 1742 | 451 | 1607 | 3802 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 2.28 | 13.94 | 100 | 7176 | 0 | 13.7 | 0 | 6.14 | 0.02 | 0.10 | 8.82 | 98 | 0.02 | 5.11 | 10 | 1677 | 549 | 665 | 2892 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 2.42 | 13.95 | 100 | 7181 | 0 | 8.4 | 0 | 3.78 | 0.14 | 0.10 | 8.79 | 98 | 0.14 | 4.46 | 10 | 1612 | 493 | 877 | 2983 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.42 | 13.95 | 100 | 7184 | 0 | 5.3 | 0 | 2.36 | 0.00 | 0.10 | 8.75 | 98 | 0.00 | 3.73 | 10 | 1546 | 579 | 1179 | 3305 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 2.49 | 13.95 | 100 | 7185 | 0 | 3.2 | 0 | 1.42 | 0.07 | 0.10 | 8.68 | 97 | 0.07 | 3.08 | 10 | 1480 | 710 | 352 | 2543 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.49 | 13.95 | 100 | 7186 | 0 | 4.2 | 0 | 1.89 | 0.00 | 0.10 | 8.61 | 96 | 0.00 | 2.58 | 10 | 1414 | 739 | 196 | 2351 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.49 | 13.95 | 100 | 7186 | 0 | 3.2 | 0 | 1.42 | 0.00 | 0.10 | 8.54 | 95 | 0.00 | 2.15 | 10 | 1350 | 623 | 44 | 2018 | 1400 | 18 |
| 19 | 1400 | 0.24 | 99 | 2.71 | 13.95 | 100 | 7187 | 0 | 1.0 | 0 | 0.47 | 0.24 | 0.10 | 8.47 | 95 | 0.23 | 1.77 | 10 | 1286 | 752 | 165 | 2204 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 2.73 | 13.96 | 100 | 7187 | 0 | 7.3 | 0 | 3.30 | 0.02 | 0.10 | 8.43 | 94 | 0.02 | 1.67 | 12 | 1223 | 1531 | 362 | 3118 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 2.73 | 13.96 | 100 | 7189 | 0 | 5.2 | 0 | 2.36 | 0.00 | 0.10 | 8.41 | 94 | 0.00 | 1.49 | 13 | 1162 | 1908 | 197 | 3268 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 2.73 | 13.96 | 100 | 7190 | 0 | 9.4 | 0 | 4.24 | 0.00 | 0.10 | 8.36 | 94 | 0.00 | 1.48 | 15 | 1103 | 1214 | 46 | 2365 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 2.73 | 13.96 | 100 | 7191 | 0 | 13.6 | 0 | 6.13 | 0.00 | 0.10 | 8.36 | 94 | 0.00 | 1.57 | 15 | 1045 | 440 | 32 | 1518 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 3.50 | 13.96 | 100 | 7193 | 0 | 7.3 | 0 | 3.30 | 0.82 | 0.10 | 8.39 | 94 | 0.77 | 1.58 | 14 | 990 | 777 | 3174 | 4942 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 3.59 | 13.96 | 100 | 7194 | 0 | 9.4 | 0 | 4.24 | 0.10 | 0.10 | 8.47 | 95 | 0.10 | 1.47 | 14 | 937 | 2351 | 6134 | 9423 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 3.59 | 13.96 | 100 | 7194 | 0 | 8.4 | 0 | 3.77 | 0.00 | 0.10 | 8.44 | 94 | 0.00 | 1.33 | 15 | 886 | 3170 | 1990 | 6047 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 3.59 | 13.97 | 100 | 7195 | 0 | 9.4 | 0 | 4.24 | 0.00 | 0.10 | 8.39 | 94 | 0.00 | 1.21 | 17 | 837 | 2120 | 268 | 3227 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 3.78 | 13.97 | 100 | 7196 | 0 | 6.3 | 0 | 2.82 | 0.20 | 0.10 | 8.34 | 93 | 0.19 | 1.09 | 18 | 792 | 1015 | 513 | 2321 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 3.78 | 13.97 | 100 | 7196 | 0 | 9.4 | 0 | 4.24 | 0.00 | 0.10 | 8.32 | 93 | 0.00 | 1.00 | 19 | 749 | 956 | 890 | 2597 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 3.78 | 13.97 | 100 | 7197 | 0 | 8.4 | 0 | 3.77 | 0.00 | 0.10 | 8.26 | 93 | 0.00 | 0.89 | 20 | 710 | 1006 | 198 | 1915 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 3.78 | 13.97 | 100 | 7197 | 0 | 11.5 | 0 | 5.18 | 0.00 | 0.10 | 8.20 | 92 | 0.00 | 0.83 | 22 | 673 | 599 | 22 | 1295 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

FORM 1611-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 260 | 15 | 5 | 280 | 1400 | 1 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 910 | 100 | 1.3 | 7 | 0.13 | 0.01 | 0.09 | 4.00 | 50 | 0.00 | 0.02 | 57 | 259 | 16 | 3 | 280 | 1400 | 2 |
| 3 | 1400 | 0.00 | 4 | 0.00 | 0.02 | 0 | 946 | 100 | 1.1 | 23 | 0.11 | 0.03 | 0.09 | 3.91 | 49 | 0.01 | 0.02 | 58 | 259 | 24 | 2 | 288 | 1400 | 3 |
| 4 | 1400 | 0.00 | 2 | 0.00 | 0.02 | 0 | 1012 | 100 | 1.2 | 12 | 0.12 | 0.01 | 0.09 | 3.84 | 48 | 0.01 | 0.02 | 58 | 259 | 41 | 3 | 305 | 1400 | 4 |
| 5 | 1400 | 0.00 | 70 | 0.00 | 0.25 | 2 | 1028 | 95 | 5.3 | 90 | 0.53 | 0.48 | 0.09 | 3.75 | 48 | 0.23 | 0.07 | 58 | 259 | 169 | 26 | 456 | 1400 | 5 |
| 6 | 1400 | 0.13 | 25 | 0.02 | 0.32 | 2 | 1525 | 94 | 2.5 | 53 | 0.26 | 0.17 | 0.09 | 3.93 | 49 | 0.08 | 0.07 | 53 | 259 | 497 | 55 | 813 | 1400 | 6 |
| 7 | 1400 | 0.05 | 48 | 0.03 | 0.45 | 3 | 1670 | 92 | 3.5 | 74 | 0.37 | 0.30 | 0.09 | 3.94 | 49 | 0.15 | 0.09 | 53 | 259 | 802 | 45 | 1108 | 1400 | 7 |
| 8 | 1400 | 0.00 | 59 | 0.03 | 0.63 | 4 | 1962 | 89 | 4.2 | 77 | 0.45 | 0.35 | 0.09 | 4.02 | 50 | 0.17 | 0.11 | 51 | 259 | 949 | 59 | 1269 | 1400 | 8 |
| 9 | 1400 | 0.00 | 48 | 0.03 | 0.75 | 5 | 2078 | 87 | 3.2 | 69 | 0.36 | 0.24 | 0.09 | 4.13 | 51 | 0.13 | 0.12 | 49 | 260 | 1070 | 64 | 1395 | 1400 | 9 |
| 10 | 1400 | 0.00 | 25 | 0.03 | 0.80 | 6 | 2141 | 86 | 2.0 | 44 | 0.23 | 0.10 | 0.09 | 4.17 | 52 | 0.05 | 0.11 | 49 | 261 | 1086 | 46 | 1395 | 1400 | 10 |
| 11 | 1400 | 0.08 | 48 | 0.05 | 0.92 | 7 | 2167 | 84 | 3.1 | 65 | 0.35 | 0.27 | 0.09 | 4.14 | 51 | 0.14 | 0.12 | 50 | 263 | 940 | 37 | 1243 | 1400 | 11 |
| 12 | 1400 | 0.00 | 25 | 0.05 | 0.97 | 7 | 2226 | 83 | 1.9 | 41 | 0.22 | 0.09 | 0.09 | 4.21 | 52 | 0.05 | 0.11 | 49 | 267 | 813 | 42 | 1123 | 1400 | 12 |
| 13 | 1400 | 0.00 | 14 | 0.05 | 0.99 | 7 | 2250 | 82 | 1.3 | 29 | 0.16 | 0.05 | 0.09 | 4.18 | 52 | 0.02 | 0.09 | 50 | 272 | 695 | 21 | 990 | 1400 | 13 |
| 14 | 1400 | 0.00 | 14 | 0.05 | 1.02 | 7 | 2262 | 82 | 1.3 | 28 | 0.15 | 0.04 | 0.09 | 4.11 | 51 | 0.02 | 0.08 | 51 | 278 | 488 | 11 | 778 | 1400 | 14 |
| 15 | 1400 | 0.00 | 7 | 0.05 | 1.02 | 7 | 2273 | 82 | 0.8 | 17 | 0.09 | 0.02 | 0.09 | 4.05 | 50 | 0.01 | 0.06 | 52 | 286 | 289 | 7 | 583 | 1400 | 15 |
| 16 | 1400 | 0.00 | 7 | 0.05 | 1.03 | 7 | 2277 | 82 | 0.8 | 17 | 0.09 | 0.01 | 0.09 | 3.97 | 50 | 0.01 | 0.05 | 54 | 295 | 170 | 3 | 469 | 1400 | 16 |
| 17 | 1400 | 0.06 | 36 | 0.06 | 1.10 | 8 | 2280 | 80 | 2.3 | 50 | 0.28 | 0.16 | 0.09 | 3.89 | 49 | 0.08 | 0.06 | 55 | 305 | 141 | 11 | 458 | 1400 | 17 |
| 18 | 1400 | 0.13 | 7 | 0.06 | 1.11 | 8 | 2314 | 80 | 0.7 | 15 | 0.08 | 0.02 | 0.09 | 3.90 | 49 | 0.01 | 0.05 | 54 | 316 | 208 | 19 | 543 | 1400 | 18 |
| 19 | 1400 | 0.37 | 25 | 0.11 | 1.14 | 8 | 2317 | 80 | 1.8 | 38 | 0.21 | 0.17 | 0.09 | 3.84 | 48 | 0.08 | 0.06 | 55 | 328 | 285 | 15 | 630 | 1400 | 19 |
| 20 | 1400 | 0.21 | 25 | 0.13 | 1.18 | 8 | 2333 | 79 | 1.7 | 37 | 0.21 | 0.13 | 0.09 | 3.90 | 49 | 0.06 | 0.06 | 54 | 340 | 351 | 26 | 719 | 1400 | 20 |
| 21 | 1400 | 0.14 | 36 | 0.16 | 1.24 | 9 | 2345 | 79 | 2.2 | 48 | 0.27 | 0.18 | 0.09 | 3.91 | 49 | 0.09 | 0.07 | 54 | 353 | 443 | 28 | 825 | 1400 | 21 |
| 22 | 1400 | 0.00 | 48 | 0.16 | 1.34 | 10 | 2366 | 77 | 2.7 | 58 | 0.33 | 0.19 | 0.09 | 3.95 | 49 | 0.10 | 0.08 | 53 | 365 | 539 | 34 | 940 | 1400 | 22 |
| 23 | 1400 | 0.00 | 59 | 0.16 | 1.48 | 11 | 2399 | 76 | 3.5 | 62 | 0.43 | 0.27 | 0.09 | 3.99 | 50 | 0.13 | 0.10 | 52 | 377 | 650 | 42 | 1071 | 1400 | 23 |
| 24 | 1400 | 0.00 | 86 | 0.16 | 1.76 | 13 | 2443 | 72 | 6.0 | 73 | 0.76 | 0.55 | 0.09 | 4.07 | 51 | 0.28 | 0.16 | 50 | 389 | 892 | 72 | 1354 | 1400 | 24 |
| 25 | 1400 | 0.00 | 80 | 0.16 | 1.99 | 14 | 2537 | 70 | 4.9 | 68 | 0.64 | 0.43 | 0.09 | 4.36 | 54 | 0.23 | 0.20 | 47 | 400 | 1334 | 105 | 1841 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.16 | 2.56 | 18 | 2614 | 63 | 10.8 | 70 | 1.47 | 1.02 | 0.09 | 4.56 | 56 | 0.57 | 0.35 | 43 | 411 | 1985 | 192 | 2590 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.16 | 3.27 | 23 | 2804 | 56 | 12.6 | 63 | 1.84 | 1.15 | 0.09 | 5.19 | 62 | 0.71 | 0.55 | 34 | 423 | 3126 | 482 | 4032 | 1400 | 27 |
| 28 | 1400 | 0.46 | 86 | 0.43 | 3.57 | 26 | 3003 | 53 | 5.1 | 53 | 0.84 | 0.84 | 0.09 | 5.89 | 69 | 0.58 | 0.61 | 28 | 435 | 4703 | 708 | 5847 | 1400 | 28 |
| 29 | 1400 | 0.01 | 100 | 0.44 | 4.25 | 30 | 3080 | 47 | 10.1 | 53 | 1.76 | 0.94 | 0.09 | 6.24 | 72 | 0.68 | 0.79 | 27 | 448 | 5973 | 792 | 7214 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 0.51 | 5.17 | 37 | 3250 | 39 | 12.9 | 47 | 2.54 | 1.29 | 0.09 | 6.70 | 77 | 1.00 | 1.14 | 24 | 462 | 6873 | 1547 | 8883 | 1400 | 30 |
| 31 | 1400 | 0.29 | 97 | 0.75 | 5.70 | 41 | 3472 | 36 | 7.2 | 39 | 1.63 | 0.92 | 0.09 | 7.34 | 83 | 0.77 | 1.26 | 19 | 480 | 7877 | 2311 | 10670 | 1400 | 31 |

FORM 1413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.263 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 96 | 0.99 | 6.14 | 44 | 3565 | 33 | 5.9 | 35 | 1.44 | 0.79 | 0.09 | 7.63 | 86 | 0.68 | 1.33 | 17 | 501 | 8584 | 1904 | 10991 | 1400 | 1 |
| 2 | 1400 | 0.41 | 36 | 1.12 | 6.14 | 44 | 3642 | 33 | 0.1 | 2 | 0.02 | 0.15 | 0.09 | 7.83 | 88 | 0.13 | 1.07 | 17 | 526 | 8064 | 1177 | 9768 | 1400 | 2 |
| 3 | 1400 | 0.01 | 86 | 1.13 | 6.40 | 46 | 3642 | 32 | 3.7 | 30 | 0.98 | 0.31 | 0.09 | 7.81 | 88 | 0.27 | 1.02 | 19 | 556 | 6186 | 388 | 7131 | 1400 | 3 |
| 4 | 1400 | 0.00 | 96 | 1.13 | 6.81 | 49 | 3688 | 29 | 5.5 | 31 | 1.50 | 0.46 | 0.09 | 7.83 | 88 | 0.41 | 1.11 | 20 | 590 | 4374 | 477 | 5442 | 1400 | 4 |
| 5 | 1400 | 0.00 | 96 | 1.13 | 7.20 | 51 | 3760 | 27 | 5.2 | 29 | 1.52 | 0.43 | 0.09 | 7.93 | 89 | 0.39 | 1.18 | 19 | 626 | 3912 | 726 | 5268 | 1400 | 5 |
| 6 | 1400 | 0.30 | 48 | 1.26 | 7.21 | 51 | 3828 | 27 | 0.3 | 6 | 0.10 | 0.15 | 0.09 | 8.01 | 90 | 0.13 | 0.96 | 18 | 671 | 4016 | 568 | 5256 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.26 | 7.79 | 56 | 3829 | 23 | 8.1 | 26 | 2.46 | 0.65 | 0.09 | 7.98 | 90 | 0.58 | 1.30 | 21 | 716 | 3809 | 784 | 5311 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.26 | 8.37 | 60 | 3932 | 20 | 8.8 | 23 | 2.79 | 0.64 | 0.09 | 8.18 | 92 | 0.59 | 1.66 | 17 | 764 | 3967 | 1978 | 6712 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.26 | 8.95 | 64 | 4054 | 18 | 9.5 | 20 | 3.16 | 0.62 | 0.09 | 8.36 | 94 | 0.58 | 2.01 | 13 | 814 | 4672 | 2837 | 8325 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.26 | 9.42 | 67 | 4174 | 16 | 8.2 | 17 | 2.85 | 0.50 | 0.09 | 8.49 | 95 | 0.47 | 2.21 | 10 | 865 | 5037 | 3182 | 9085 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.26 | 10.26 | 73 | 4273 | 13 | 15.4 | 16 | 5.52 | 0.87 | 0.09 | 8.56 | 96 | 0.84 | 3.11 | 10 | 916 | 4830 | 4713 | 10461 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 1.26 | 11.03 | 79 | 4447 | 10 | 16.2 | 13 | 6.11 | 0.79 | 0.09 | 8.77 | 98 | 0.77 | 4.05 | 10 | 966 | 4396 | 7875 | 13238 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 1.26 | 11.46 | 82 | 4608 | 9 | 10.7 | 10 | 4.22 | 0.43 | 0.09 | 8.85 | 99 | 0.43 | 4.21 | 10 | 1015 | 3859 | 7043 | 11918 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 1.33 | 11.90 | 85 | 4697 | 7 | 12.6 | 9 | 5.11 | 0.52 | 0.09 | 8.84 | 98 | 0.51 | 4.61 | 10 | 1062 | 3285 | 4912 | 9261 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.33 | 12.29 | 88 | 4789 | 6 | 13.5 | 7 | 5.55 | 0.40 | 0.09 | 8.86 | 99 | 0.40 | 5.05 | 10 | 1107 | 2782 | 4776 | 8667 | 1400 | 15 |
| 16 | 1400 | 0.83 | 100 | 2.15 | 12.45 | 89 | 4871 | 5 | 6.5 | 6 | 2.74 | 0.99 | 0.09 | 8.86 | 99 | 0.98 | 4.77 | 10 | 1150 | 2770 | 5447 | 9368 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.15 | 12.57 | 90 | 4904 | 5 | 5.2 | 5 | 2.21 | 0.12 | 0.09 | 8.89 | 99 | 0.12 | 4.24 | 10 | 1189 | 3389 | 5123 | 9703 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.15 | 12.69 | 91 | 4928 | 5 | 6.1 | 5 | 2.58 | 0.13 | 0.09 | 8.83 | 98 | 0.12 | 3.92 | 10 | 1225 | 3471 | 1497 | 6194 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.15 | 12.78 | 91 | 4954 | 4 | 4.8 | 4 | 2.07 | 0.09 | 0.09 | 8.79 | 98 | 0.09 | 3.53 | 10 | 1257 | 2500 | 633 | 4392 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 2.17 | 12.95 | 93 | 4973 | 4 | 9.9 | 4 | 4.26 | 0.21 | 0.09 | 8.74 | 97 | 0.20 | 3.79 | 10 | 1285 | 1580 | 869 | 3735 | 1400 | 20 |
| 21 | 1400 | 0.03 | 100 | 2.20 | 13.04 | 93 | 5042 | 3 | 5.5 | 4 | 2.36 | 0.11 | 0.09 | 8.78 | 98 | 0.11 | 3.51 | 10 | 1309 | 1236 | 1256 | 3803 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 2.44 | 13.14 | 94 | 5122 | 3 | 7.4 | 3 | 3.22 | 0.34 | 0.09 | 8.75 | 98 | 0.34 | 3.54 | 10 | 1329 | 1270 | 1338 | 3939 | 1400 | 22 |
| 23 | 1400 | 0.00 | 99 | 2.44 | 13.18 | 94 | 5221 | 3 | 3.1 | 3 | 1.35 | 0.04 | 0.09 | 8.78 | 98 | 0.04 | 3.06 | 10 | 1345 | 1466 | 1572 | 4384 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.44 | 13.26 | 95 | 5257 | 3 | 7.2 | 3 | 3.14 | 0.09 | 0.09 | 8.72 | 97 | 0.08 | 3.11 | 10 | 1356 | 1407 | 555 | 3319 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.44 | 13.36 | 95 | 5339 | 2 | 9.2 | 2 | 4.01 | 0.10 | 0.09 | 8.73 | 97 | 0.10 | 3.37 | 10 | 1363 | 1043 | 627 | 3035 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.44 | 13.46 | 96 | 5433 | 2 | 11.1 | 2 | 4.88 | 0.10 | 0.09 | 8.76 | 98 | 0.10 | 3.80 | 10 | 1365 | 756 | 860 | 2982 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.44 | 13.52 | 97 | 5532 | 2 | 7.8 | 2 | 3.44 | 0.06 | 0.09 | 8.80 | 98 | 0.06 | 3.76 | 10 | 1363 | 627 | 819 | 2810 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.44 | 13.57 | 97 | 5590 | 1 | 7.7 | 2 | 3.41 | 0.05 | 0.09 | 8.78 | 98 | 0.05 | 3.71 | 10 | 1356 | 538 | 516 | 2413 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.44 | 13.62 | 97 | 5641 | 1 | 7.6 | 1 | 3.38 | 0.05 | 0.09 | 8.77 | 98 | 0.05 | 3.65 | 10 | 1346 | 464 | 399 | 2210 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.44 | 13.65 | 97 | 5685 | 1 | 5.5 | 1 | 2.42 | 0.03 | 0.09 | 8.76 | 98 | 0.03 | 3.38 | 10 | 1331 | 402 | 293 | 2028 | 1400 | 30 |



FORM 141-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250681 1 MAY 1972 1400 0 SUSITNA HEP 3.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.445 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SLA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 2.44 | 13.69 | 98 | 5713 | 1 | 9.6 | 1 | 4.27 | 0.05 | 0.09 | 8.73 | 97 | 0.05 | 3.60 | 10 | 1313 | 352 | 260 | 1926 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 2.44 | 13.75 | 98 | 5759 | 1 | 12.7 | 1 | 5.64 | 0.05 | 0.10 | 8.76 | 98 | 0.05 | 4.12 | 10 | 1291 | 311 | 436 | 2040 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.44 | 13.80 | 99 | 5811 | 1 | 16.8 | 1 | 7.49 | 0.06 | 0.10 | 8.81 | 98 | 0.06 | 5.04 | 10 | 1266 | 276 | 579 | 2123 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 2.44 | 13.86 | 99 | 5866 | 1 | 19.9 | 1 | 8.87 | 0.05 | 0.10 | 8.87 | 99 | 0.05 | 6.13 | 10 | 1238 | 238 | 645 | 2123 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.44 | 13.89 | 99 | 5915 | 0 | 20.8 | 0 | 9.32 | 0.04 | 0.10 | 8.90 | 99 | 0.04 | 6.95 | 10 | 1208 | 194 | 583 | 1986 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.44 | 13.92 | 99 | 5952 | 0 | 21.8 | 0 | 9.78 | 0.03 | 0.10 | 8.90 | 99 | 0.03 | 7.48 | 10 | 1175 | 148 | 447 | 1772 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 2.44 | 13.94 | 100 | 5977 | 0 | 21.5 | 0 | 9.65 | 0.02 | 0.10 | 8.90 | 99 | 0.02 | 7.56 | 10 | 1141 | 107 | 317 | 1567 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.44 | 13.95 | 100 | 5994 | 0 | 18.5 | 0 | 8.31 | 0.01 | 0.10 | 8.88 | 99 | 0.01 | 7.08 | 10 | 1104 | 75 | 204 | 1385 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.44 | 13.95 | 100 | 6122 | 0 | 13.8 | 0 | 6.19 | 0.01 | 0.10 | 8.84 | 98 | 0.01 | 6.24 | 10 | 1067 | 51 | 115 | 1234 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.44 | 13.96 | 100 | 6289 | 0 | 12.5 | 0 | 5.60 | 0.00 | 0.10 | 8.79 | 98 | 0.00 | 5.42 | 10 | 1028 | 34 | 61 | 1125 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 2.58 | 13.96 | 100 | 6408 | 0 | 12.3 | 0 | 5.51 | 0.15 | 0.10 | 8.74 | 97 | 0.15 | 4.73 | 10 | 989 | 76 | 519 | 1585 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 2.59 | 13.96 | 100 | 6502 | 0 | 19.5 | 0 | 8.74 | 0.01 | 0.10 | 8.72 | 97 | 0.01 | 4.34 | 10 | 949 | 199 | 944 | 2093 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 2.60 | 13.96 | 100 | 6623 | 0 | 15.1 | 0 | 6.77 | 0.01 | 0.10 | 8.71 | 97 | 0.01 | 3.77 | 10 | 909 | 256 | 326 | 1492 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | 2.74 | 13.97 | 100 | 6688 | 0 | 9.7 | 0 | 4.36 | 0.14 | 0.10 | 8.66 | 97 | 0.14 | 3.17 | 10 | 868 | 233 | 505 | 1608 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.74 | 13.97 | 100 | 6721 | 0 | 6.5 | 0 | 2.92 | 0.00 | 0.10 | 8.61 | 96 | 0.00 | 2.60 | 10 | 829 | 284 | 737 | 1851 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 2.80 | 13.97 | 100 | 6739 | 0 | 4.4 | 0 | 1.96 | 0.07 | 0.10 | 8.53 | 95 | 0.07 | 2.12 | 10 | 789 | 358 | 239 | 1388 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.80 | 13.97 | 100 | 6751 | 0 | 5.4 | 0 | 2.43 | 0.00 | 0.10 | 8.46 | 95 | 0.00 | 1.74 | 10 | 750 | 379 | 159 | 1290 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.80 | 13.97 | 100 | 6763 | 0 | 4.3 | 0 | 1.94 | 0.00 | 0.10 | 8.38 | 94 | 0.00 | 1.42 | 13 | 712 | 322 | 33 | 1069 | 1400 | 18 |
| 19 | 1400 | 0.24 | 100 | 3.03 | 13.97 | 100 | 6773 | 0 | 2.2 | 0 | 0.99 | 0.24 | 0.10 | 8.30 | 93 | 0.22 | 1.19 | 16 | 675 | 394 | 126 | 1197 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 3.05 | 13.97 | 100 | 6777 | 0 | 8.5 | 0 | 3.82 | 0.02 | 0.10 | 8.26 | 93 | 0.02 | 1.04 | 18 | 639 | 813 | 263 | 1717 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.05 | 13.97 | 100 | 6793 | 0 | 6.4 | 0 | 2.87 | 0.00 | 0.10 | 8.20 | 92 | 0.00 | 0.88 | 20 | 604 | 1014 | 121 | 1741 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 3.05 | 13.97 | 100 | 6804 | 0 | 10.6 | 0 | 4.75 | 0.00 | 0.10 | 8.12 | 91 | 0.00 | 0.79 | 22 | 571 | 641 | 21 | 1234 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 3.05 | 13.97 | 100 | 6820 | 0 | 14.7 | 0 | 6.62 | 0.00 | 0.10 | 8.07 | 91 | 0.00 | 0.74 | 24 | 539 | 226 | 5 | 771 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 3.79 | 13.97 | 100 | 6839 | 0 | 8.4 | 0 | 3.78 | 0.82 | 0.10 | 8.03 | 90 | 0.74 | 0.79 | 25 | 508 | 409 | 1527 | 2445 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 3.88 | 13.97 | 100 | 6847 | 0 | 10.5 | 0 | 4.71 | 0.10 | 0.10 | 8.11 | 91 | 0.09 | 0.70 | 24 | 479 | 1258 | 2969 | 4708 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 3.88 | 13.97 | 100 | 6857 | 0 | 9.4 | 0 | 4.24 | 0.00 | 0.10 | 8.06 | 91 | 0.00 | 0.60 | 25 | 452 | 1701 | 966 | 3120 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 3.88 | 13.97 | 100 | 6864 | 0 | 10.5 | 0 | 4.70 | 0.00 | 0.10 | 7.98 | 90 | 0.00 | 0.51 | 27 | 426 | 1137 | 127 | 1692 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 4.05 | 13.97 | 100 | 6871 | 0 | 7.3 | 0 | 3.28 | 0.20 | 0.10 | 7.90 | 89 | 0.18 | 0.47 | 29 | 403 | 537 | 236 | 1177 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 4.05 | 13.97 | 100 | 6875 | 0 | 10.4 | 0 | 4.69 | 0.00 | 0.10 | 7.87 | 89 | 0.00 | 0.40 | 30 | 381 | 493 | 413 | 1289 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 4.05 | 13.97 | 100 | 6880 | 0 | 9.4 | 0 | 4.22 | 0.00 | 0.10 | 7.79 | 88 | 0.00 | 0.34 | 32 | 362 | 515 | 90 | 968 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 4.05 | 13.97 | 100 | 6884 | 0 | 12.5 | 0 | 5.63 | 0.00 | 0.10 | 7.71 | 87 | 0.00 | 0.30 | 35 | 346 | 305 | 7 | 659 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | RTI | GFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.10 | 4.00 | 0 | 0.00 | 0.03 | 0 | 140 | 10 | 4 | 154 | 1400 | 1 |
| 2 | 1400 | 0.00 | 2 | 0.00 | 0.02 | 0 | 677 | 100 | 1.5 | 21 | 0.15 | 0.03 | 0.09 | 4.00 | 50 | 0.02 | 0.03 | 57 | 139 | 13 | 3 | 158 | 1400 | 2 |
| 3 | 1400 | 0.00 | 15 | 0.00 | 0.06 | 0 | 706 | 99 | 2.5 | 36 | 0.25 | 0.09 | 0.09 | 3.93 | 49 | 0.04 | 0.03 | 57 | 139 | 36 | 5 | 181 | 1400 | 3 |
| 4 | 1400 | 0.00 | 5 | 0.00 | 0.09 | 1 | 787 | 98 | 2.0 | 28 | 0.20 | 0.05 | 0.09 | 3.88 | 49 | 0.03 | 0.03 | 57 | 139 | 77 | 7 | 224 | 1400 | 4 |
| 5 | 1400 | 0.00 | 73 | 0.00 | 0.35 | 3 | 835 | 94 | 6.0 | 90 | 0.61 | 0.55 | 0.09 | 3.82 | 48 | 0.27 | 0.08 | 57 | 139 | 178 | 20 | 339 | 1400 | 5 |
| 6 | 1400 | 0.13 | 38 | 0.02 | 0.46 | 3 | 1136 | 92 | 3.5 | 56 | 0.37 | 0.25 | 0.09 | 4.04 | 50 | 0.13 | 0.10 | 52 | 140 | 388 | 39 | 568 | 1400 | 6 |
| 7 | 1400 | 0.05 | 54 | 0.04 | 0.62 | 4 | 1216 | 89 | 4.2 | 73 | 0.45 | 0.36 | 0.09 | 4.10 | 51 | 0.18 | 0.12 | 50 | 140 | 593 | 35 | 769 | 1400 | 7 |
| 8 | 1400 | 0.00 | 64 | 0.04 | 0.83 | 6 | 1347 | 85 | 4.7 | 75 | 0.52 | 0.39 | 0.09 | 4.21 | 52 | 0.20 | 0.14 | 49 | 140 | 700 | 42 | 883 | 1400 | 8 |
| 9 | 1400 | 0.00 | 54 | 0.04 | 0.98 | 7 | 1507 | 82 | 3.7 | 66 | 0.43 | 0.28 | 0.09 | 4.34 | 53 | 0.15 | 0.15 | 48 | 141 | 767 | 43 | 952 | 1400 | 9 |
| 10 | 1400 | 0.00 | 38 | 0.04 | 1.06 | 8 | 1625 | 81 | 2.7 | 45 | 0.32 | 0.14 | 0.09 | 4.41 | 54 | 0.08 | 0.14 | 47 | 142 | 760 | 32 | 936 | 1400 | 10 |
| 11 | 1400 | 0.08 | 54 | 0.06 | 1.20 | 9 | 1685 | 79 | 3.5 | 62 | 0.41 | 0.30 | 0.09 | 4.40 | 54 | 0.16 | 0.15 | 48 | 144 | 662 | 27 | 834 | 1400 | 11 |
| 12 | 1400 | 0.00 | 38 | 0.06 | 1.27 | 9 | 1773 | 78 | 2.5 | 41 | 0.30 | 0.12 | 0.09 | 4.49 | 55 | 0.07 | 0.14 | 47 | 147 | 579 | 29 | 757 | 1400 | 12 |
| 13 | 1400 | 0.00 | 30 | 0.06 | 1.31 | 9 | 1809 | 78 | 2.0 | 31 | 0.25 | 0.08 | 0.09 | 4.47 | 55 | 0.04 | 0.12 | 48 | 151 | 503 | 17 | 673 | 1400 | 13 |
| 14 | 1400 | 0.00 | 30 | 0.06 | 1.35 | 10 | 1831 | 77 | 2.0 | 30 | 0.24 | 0.07 | 0.09 | 4.43 | 54 | 0.04 | 0.11 | 49 | 156 | 375 | 11 | 544 | 1400 | 14 |
| 15 | 1400 | 0.00 | 22 | 0.06 | 1.37 | 10 | 1852 | 77 | 1.4 | 22 | 0.18 | 0.04 | 0.09 | 4.38 | 54 | 0.02 | 0.09 | 50 | 163 | 252 | 8 | 424 | 1400 | 15 |
| 16 | 1400 | 0.00 | 22 | 0.06 | 1.39 | 10 | 1863 | 77 | 1.4 | 22 | 0.18 | 0.04 | 0.09 | 4.31 | 53 | 0.02 | 0.08 | 51 | 170 | 173 | 5 | 349 | 1400 | 16 |
| 17 | 1400 | 0.06 | 46 | 0.08 | 1.48 | 11 | 1873 | 76 | 2.8 | 49 | 0.34 | 0.19 | 0.09 | 4.25 | 52 | 0.10 | 0.09 | 52 | 178 | 150 | 10 | 339 | 1400 | 17 |
| 18 | 1400 | 0.13 | 22 | 0.09 | 1.49 | 11 | 1919 | 76 | 1.3 | 20 | 0.17 | 0.06 | 0.09 | 4.28 | 53 | 0.03 | 0.08 | 51 | 187 | 194 | 15 | 397 | 1400 | 18 |
| 19 | 1400 | 0.37 | 38 | 0.16 | 1.55 | 11 | 1928 | 75 | 2.3 | 38 | 0.29 | 0.25 | 0.09 | 4.24 | 52 | 0.13 | 0.09 | 52 | 196 | 259 | 15 | 472 | 1400 | 19 |
| 20 | 1400 | 0.21 | 38 | 0.21 | 1.61 | 11 | 1958 | 74 | 2.2 | 37 | 0.28 | 0.18 | 0.09 | 4.34 | 53 | 0.10 | 0.10 | 51 | 206 | 329 | 24 | 560 | 1400 | 20 |
| 21 | 1400 | 0.14 | 46 | 0.24 | 1.69 | 12 | 1987 | 73 | 2.6 | 46 | 0.33 | 0.22 | 0.09 | 4.37 | 54 | 0.12 | 0.11 | 50 | 215 | 406 | 24 | 647 | 1400 | 21 |
| 22 | 1400 | 0.00 | 54 | 0.24 | 1.80 | 13 | 2027 | 72 | 3.0 | 54 | 0.39 | 0.21 | 0.09 | 4.43 | 54 | 0.12 | 0.12 | 50 | 225 | 459 | 26 | 712 | 1400 | 22 |
| 23 | 1400 | 0.00 | 64 | 0.24 | 1.96 | 14 | 2082 | 70 | 3.7 | 58 | 0.49 | 0.28 | 0.09 | 4.47 | 55 | 0.16 | 0.14 | 49 | 235 | 503 | 30 | 769 | 1400 | 23 |
| 24 | 1400 | 0.00 | 87 | 0.24 | 2.27 | 16 | 2157 | 66 | 6.1 | 68 | 0.82 | 0.56 | 0.09 | 4.57 | 56 | 0.31 | 0.21 | 48 | 245 | 627 | 47 | 920 | 1400 | 24 |
| 25 | 1400 | 0.00 | 82 | 0.24 | 2.53 | 18 | 2306 | 63 | 4.9 | 63 | 0.69 | 0.44 | 0.09 | 4.85 | 59 | 0.25 | 0.25 | 44 | 254 | 881 | 67 | 1203 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 0.24 | 3.13 | 22 | 2428 | 57 | 10.9 | 63 | 1.58 | 1.00 | 0.09 | 5.05 | 60 | 0.60 | 0.43 | 41 | 263 | 1267 | 134 | 1666 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 0.24 | 3.90 | 28 | 2677 | 50 | 12.6 | 57 | 2.03 | 1.16 | 0.09 | 5.65 | 66 | 0.77 | 0.66 | 31 | 273 | 1951 | 353 | 2579 | 1400 | 27 |
| 28 | 1400 | 0.46 | 87 | 0.53 | 4.23 | 30 | 2952 | 47 | 5.0 | 48 | 0.93 | 0.85 | 0.09 | 6.33 | 73 | 0.62 | 0.73 | 26 | 282 | 2889 | 509 | 3682 | 1400 | 28 |
| 29 | 1400 | 0.01 | 100 | 0.54 | 4.93 | 35 | 3058 | 41 | 10.0 | 47 | 1.96 | 0.93 | 0.09 | 6.66 | 77 | 0.71 | 0.95 | 25 | 293 | 3614 | 559 | 4467 | 1400 | 29 |
| 30 | 1400 | 0.10 | 100 | 0.62 | 5.86 | 42 | 3269 | 35 | 12.8 | 41 | 2.80 | 1.24 | 0.09 | 7.10 | 81 | 1.01 | 1.33 | 21 | 304 | 4040 | 1114 | 5459 | 1400 | 30 |
| 31 | 1400 | 0.29 | 98 | 0.87 | 6.39 | 46 | 3471 | 32 | 7.1 | 35 | 1.77 | 0.90 | 0.09 | 7.66 | 87 | 0.78 | 1.46 | 17 | 316 | 4455 | 1630 | 6402 | 1400 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT.RATE = 0.293 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 1400 | 0.29 | 97 | 1.12 | 6.83 | 49 | 3582 | 29 | 5.7 | 31 | 1.56 | 0.77 | 0.09 | 7.91 | 89 | 0.69 | 1.52 | 15 | 330 | 4735 | 1286 | 6352 | 1400 | 1 |
| 2 | 1400 | 0.41 | 46 | 1.29 | 6.83 | 49 | 3672 | 29 | 0.0 | 1 | 0.01 | 0.19 | 0.09 | 8.07 | 91 | 0.17 | 1.23 | 15 | 346 | 4442 | 783 | 5572 | 1400 | 2 |
| 3 | 1400 | 0.01 | 87 | 1.30 | 7.08 | 51 | 3672 | 27 | 3.5 | 27 | 1.03 | 0.28 | 0.09 | 8.05 | 90 | 0.26 | 1.17 | 18 | 363 | 3465 | 251 | 4081 | 1400 | 3 |
| 4 | 1400 | 0.00 | 97 | 1.30 | 7.46 | 53 | 3724 | 25 | 5.3 | 27 | 1.59 | 0.43 | 0.09 | 8.06 | 91 | 0.39 | 1.25 | 18 | 383 | 2472 | 280 | 3137 | 1400 | 4 |
| 5 | 1400 | 0.00 | 97 | 1.30 | 7.82 | 56 | 3805 | 23 | 5.0 | 25 | 1.56 | 0.38 | 0.09 | 8.13 | 91 | 0.35 | 1.31 | 18 | 405 | 2130 | 416 | 2952 | 1400 | 5 |
| 6 | 1400 | 0.30 | 54 | 1.45 | 7.82 | 56 | 3877 | 23 | 0.2 | 4 | 0.07 | 0.17 | 0.09 | 8.19 | 92 | 0.15 | 1.06 | 17 | 429 | 2113 | 315 | 2858 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 1.45 | 8.34 | 60 | 3878 | 20 | 7.9 | 23 | 2.53 | 0.57 | 0.09 | 8.15 | 91 | 0.52 | 1.41 | 19 | 453 | 1995 | 431 | 2881 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 1.45 | 8.87 | 63 | 3979 | 18 | 8.7 | 20 | 2.88 | 0.56 | 0.09 | 8.31 | 93 | 0.53 | 1.73 | 16 | 479 | 2045 | 1069 | 3595 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 1.45 | 9.42 | 67 | 4075 | 16 | 9.5 | 18 | 3.28 | 0.58 | 0.09 | 8.43 | 94 | 0.55 | 2.10 | 13 | 505 | 2333 | 1560 | 4400 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 1.45 | 9.87 | 70 | 4194 | 14 | 8.3 | 16 | 2.96 | 0.47 | 0.09 | 8.55 | 96 | 0.45 | 2.32 | 10 | 531 | 2483 | 1790 | 4806 | 1400 | 10 |
| 11 | 1400 | 0.00 | 100 | 1.45 | 10.65 | 76 | 4290 | 12 | 15.5 | 14 | 5.70 | 0.81 | 0.09 | 8.61 | 96 | 0.78 | 3.26 | 10 | 557 | 2390 | 2538 | 5486 | 1400 | 11 |
| 12 | 1400 | 0.00 | 100 | 1.45 | 11.36 | 81 | 4458 | 9 | 16.2 | 12 | 6.29 | 0.73 | 0.09 | 8.79 | 98 | 0.71 | 4.22 | 10 | 582 | 2181 | 4107 | 6871 | 1400 | 12 |
| 13 | 1400 | 0.00 | 100 | 1.45 | 11.75 | 84 | 4612 | 8 | 10.7 | 9 | 4.33 | 0.39 | 0.09 | 8.87 | 99 | 0.39 | 4.38 | 10 | 606 | 1910 | 3619 | 6137 | 1400 | 13 |
| 14 | 1400 | 0.07 | 100 | 1.52 | 12.15 | 87 | 4695 | 6 | 12.7 | 8 | 5.21 | 0.47 | 0.09 | 8.84 | 98 | 0.47 | 4.77 | 10 | 628 | 1618 | 2502 | 4750 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 1.52 | 12.50 | 89 | 4780 | 5 | 13.6 | 6 | 5.68 | 0.36 | 0.09 | 8.86 | 99 | 0.36 | 5.21 | 10 | 650 | 1365 | 2414 | 4430 | 1400 | 15 |
| 16 | 1400 | 0.83 | 100 | 2.33 | 12.65 | 90 | 4857 | 5 | 6.9 | 5 | 2.94 | 0.98 | 0.09 | 8.87 | 99 | 0.97 | 4.95 | 10 | 669 | 1370 | 2897 | 4937 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.33 | 12.76 | 91 | 4889 | 4 | 5.6 | 5 | 2.38 | 0.11 | 0.09 | 8.90 | 99 | 0.11 | 4.42 | 10 | 686 | 1705 | 2861 | 5274 | 1400 | 17 |
| 18 | 1400 | 0.03 | 100 | 2.33 | 12.87 | 92 | 4912 | 4 | 6.4 | 4 | 2.74 | 0.12 | 0.09 | 8.83 | 98 | 0.11 | 4.09 | 10 | 702 | 1760 | 842 | 3305 | 1400 | 18 |
| 19 | 1400 | 0.00 | 100 | 2.33 | 12.96 | 93 | 4937 | 4 | 5.1 | 4 | 2.19 | 0.08 | 0.09 | 8.79 | 98 | 0.08 | 3.70 | 10 | 715 | 1260 | 345 | 2321 | 1400 | 19 |
| 20 | 1400 | 0.03 | 100 | 2.36 | 13.11 | 94 | 4954 | 3 | 10.2 | 4 | 4.39 | 0.19 | 0.09 | 8.75 | 98 | 0.18 | 3.96 | 10 | 726 | 782 | 448 | 1957 | 1400 | 20 |
| 21 | 1400 | 0.03 | 100 | 2.39 | 13.18 | 94 | 4987 | 3 | 5.7 | 3 | 2.46 | 0.10 | 0.09 | 8.79 | 98 | 0.10 | 3.66 | 10 | 735 | 602 | 638 | 1977 | 1400 | 21 |
| 22 | 1400 | 0.24 | 100 | 2.63 | 13.27 | 95 | 5015 | 3 | 7.6 | 3 | 3.31 | 0.33 | 0.09 | 8.76 | 98 | 0.32 | 3.67 | 10 | 742 | 621 | 711 | 2076 | 1400 | 22 |
| 23 | 1400 | 0.00 | 99 | 2.63 | 13.30 | 95 | 5130 | 2 | 3.2 | 2 | 1.40 | 0.03 | 0.09 | 8.79 | 98 | 0.03 | 3.18 | 10 | 747 | 731 | 848 | 2328 | 1400 | 23 |
| 24 | 1400 | 0.00 | 100 | 2.63 | 13.37 | 96 | 5173 | 2 | 7.3 | 2 | 3.21 | 0.07 | 0.09 | 8.73 | 97 | 0.07 | 3.22 | 10 | 749 | 707 | 289 | 1746 | 1400 | 24 |
| 25 | 1400 | 0.00 | 100 | 2.63 | 13.46 | 96 | 5267 | 2 | 9.3 | 2 | 4.08 | 0.08 | 0.09 | 8.73 | 97 | 0.08 | 3.46 | 10 | 749 | 516 | 303 | 1570 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 2.63 | 13.54 | 97 | 5374 | 2 | 11.2 | 2 | 4.94 | 0.09 | 0.09 | 8.76 | 98 | 0.09 | 3.86 | 10 | 747 | 361 | 406 | 1515 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 2.63 | 13.59 | 97 | 5485 | 1 | 7.9 | 1 | 3.48 | 0.05 | 0.09 | 8.80 | 98 | 0.05 | 3.82 | 10 | 743 | 292 | 384 | 1419 | 1400 | 27 |
| 28 | 1400 | 0.00 | 100 | 2.63 | 13.64 | 97 | 5551 | 1 | 7.8 | 1 | 3.44 | 0.05 | 0.09 | 8.79 | 98 | 0.04 | 3.76 | 10 | 736 | 248 | 241 | 1227 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 2.63 | 13.68 | 98 | 5608 | 1 | 7.7 | 1 | 3.40 | 0.04 | 0.09 | 8.77 | 98 | 0.04 | 3.69 | 10 | 728 | 212 | 186 | 1128 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 2.63 | 13.70 | 98 | 5658 | 1 | 5.5 | 1 | 2.44 | 0.02 | 0.09 | 8.76 | 98 | 0.02 | 3.40 | 10 | 717 | 184 | 136 | 1039 | 1400 | 30 |

FORM 1413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
250881 1 MAY 1972 1400 0 SUSITNA HEP S.MELT 5-7/72 RECONST. N.P.D., CORPS OF ENGINEERS

ETI = 0.10 IN./DAY, MELT RATE = 0.445 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 1972 | | | | | | | | | | | | | | | | | | | | | | | JUL 1972 |
| 1 | 1400 | 0.00 | 100 | 2.63 | 13.74 | 98 | 5689 | 1 | 9.6 | 1 | 4.29 | 0.04 | 0.09 | 8.73 | 97 | 0.04 | 3.60 | 10 | 705 | 161 | 120 | 987 | 1400 | 1 |
| 2 | 1400 | 0.00 | 100 | 2.63 | 13.79 | 98 | 5740 | 1 | 12.7 | 1 | 5.66 | 0.05 | 0.10 | 8.76 | 98 | 0.04 | 4.10 | 10 | 691 | 142 | 200 | 1035 | 1400 | 2 |
| 3 | 1400 | 0.00 | 100 | 2.63 | 13.83 | 99 | 5797 | 1 | 16.8 | 1 | 7.50 | 0.05 | 0.10 | 8.81 | 98 | 0.05 | 4.98 | 10 | 676 | 126 | 265 | 1068 | 1400 | 3 |
| 4 | 1400 | 0.00 | 100 | 2.63 | 13.88 | 99 | 5858 | 0 | 19.9 | 0 | 8.88 | 0.04 | 0.10 | 8.87 | 99 | 0.04 | 5.99 | 10 | 660 | 108 | 294 | 1063 | 1400 | 4 |
| 5 | 1400 | 0.00 | 100 | 2.63 | 13.91 | 99 | 5913 | 0 | 20.8 | 0 | 9.32 | 0.03 | 0.10 | 8.90 | 99 | 0.03 | 6.73 | 10 | 642 | 88 | 265 | 997 | 1400 | 5 |
| 6 | 1400 | 0.00 | 100 | 2.63 | 13.93 | 99 | 5953 | 0 | 21.8 | 0 | 9.78 | 0.02 | 0.10 | 8.90 | 99 | 0.02 | 7.17 | 10 | 623 | 67 | 203 | 895 | 1400 | 6 |
| 7 | 1400 | 0.00 | 100 | 2.63 | 13.94 | 100 | 5981 | 0 | 21.8 | 0 | 9.77 | 0.01 | 0.10 | 8.89 | 99 | 0.01 | 7.19 | 10 | 603 | 49 | 144 | 798 | 1400 | 7 |
| 8 | 1400 | 0.00 | 100 | 2.63 | 13.95 | 100 | 6000 | 0 | 19.7 | 0 | 8.83 | 0.01 | 0.10 | 8.87 | 99 | 0.01 | 6.75 | 10 | 583 | 34 | 95 | 713 | 1400 | 8 |
| 9 | 1400 | 0.00 | 100 | 2.63 | 13.96 | 100 | 6005 | 0 | 15.4 | 0 | 6.94 | 0.00 | 0.10 | 8.84 | 98 | 0.00 | 5.97 | 10 | 562 | 23 | 56 | 642 | 1400 | 9 |
| 10 | 1400 | 0.00 | 100 | 2.63 | 13.96 | 100 | 6008 | 0 | 14.4 | 0 | 6.47 | 0.00 | 0.10 | 8.79 | 98 | 0.00 | 5.20 | 10 | 541 | 15 | 31 | 588 | 1400 | 10 |
| 11 | 1400 | 0.15 | 100 | 2.77 | 13.96 | 100 | 6011 | 0 | 14.4 | 0 | 6.47 | 0.15 | 0.10 | 8.74 | 97 | 0.15 | 4.54 | 10 | 519 | 35 | 300 | 855 | 1400 | 11 |
| 12 | 1400 | 0.01 | 100 | 2.78 | 13.97 | 100 | 6012 | 0 | 21.7 | 0 | 9.77 | 0.01 | 0.10 | 8.72 | 97 | 0.01 | 4.11 | 10 | 497 | 93 | 546 | 1137 | 1400 | 12 |
| 13 | 1400 | 0.01 | 100 | 2.79 | 13.97 | 100 | 6014 | 0 | 17.5 | 0 | 7.88 | 0.01 | 0.10 | 8.69 | 97 | 0.01 | 3.54 | 10 | 475 | 119 | 184 | 780 | 1400 | 13 |
| 14 | 1400 | 0.14 | 100 | .93 | 13.97 | 100 | 6015 | 0 | 12.3 | 0 | 5.52 | 0.14 | 0.10 | 8.64 | 96 | 0.14 | 2.97 | 10 | 453 | 107 | 304 | 866 | 1400 | 14 |
| 15 | 1400 | 0.00 | 100 | 2.93 | 13.97 | 100 | 6016 | 0 | 9.1 | 0 | 4.10 | 0.00 | 0.10 | 8.59 | 96 | 0.00 | 2.43 | 10 | 432 | 126 | 453 | 1012 | 1400 | 15 |
| 16 | 1400 | 0.07 | 100 | 2.99 | 13.97 | 100 | 6016 | 0 | 7.0 | 0 | 3.16 | 0.07 | 0.10 | 0.51 | 95 | 0.07 | 1.99 | 10 | 411 | 154 | 177 | 743 | 1400 | 16 |
| 17 | 1400 | 0.00 | 100 | 2.99 | 13.97 | 100 | 6016 | 0 | 8.1 | 0 | 3.63 | 0.00 | 0.10 | 8.44 | 94 | 0.00 | 1.63 | 10 | 390 | 157 | 152 | 701 | 1400 | 17 |
| 18 | 1400 | 0.00 | 100 | 2.99 | 13.97 | 100 | 6016 | 0 | 7.0 | 0 | 3.16 | 0.00 | 0.10 | 8.36 | 94 | 0.00 | 1.33 | 14 | 370 | 139 | 32 | 533 | 1400 | 18 |
| 19 | 1400 | 0.24 | 100 | 3.22 | 13.97 | 100 | 6017 | 0 | 4.9 | 0 | 2.22 | 0.24 | 0.10 | 8.28 | 93 | 0.22 | 1.13 | 17 | 350 | 167 | 153 | 671 | 1400 | 19 |
| 20 | 1400 | 0.02 | 100 | 3.23 | 13.97 | 100 | 6017 | 0 | 11.2 | 0 | 5.05 | 0.02 | 0.10 | 8.24 | 92 | 0.02 | 0.96 | 19 | 331 | 358 | 300 | 990 | 1400 | 20 |
| 21 | 1400 | 0.00 | 100 | 3.23 | 13.97 | 100 | 6017 | 0 | 9.1 | 0 | 4.10 | 0.00 | 0.10 | 8.17 | 92 | 0.00 | 0.80 | 21 | 313 | 449 | 107 | 870 | 1400 | 21 |
| 22 | 1400 | 0.00 | 100 | 3.23 | 13.97 | 100 | 6017 | 0 | 13.3 | 0 | 5.99 | 0.00 | 0.10 | 8.09 | 91 | 0.00 | 0.69 | 24 | 295 | 283 | 15 | 595 | 1400 | 22 |
| 23 | 1400 | 0.00 | 100 | 3.23 | 13.97 | 100 | 6017 | 0 | 17.5 | 0 | 7.88 | 0.00 | 0.10 | 8.02 | 90 | 0.00 | 0.60 | 25 | 278 | 99 | 2 | 380 | 1400 | 23 |
| 24 | 1400 | 0.82 | 100 | 3.97 | 13.97 | 100 | 6017 | 0 | 11.2 | 0 | 5.05 | 0.82 | 0.10 | 7.95 | 89 | 0.73 | 0.66 | 27 | 262 | 176 | 939 | 1378 | 1400 | 24 |
| 25 | 1400 | 0.10 | 100 | 4.06 | 13.97 | 100 | 6018 | 0 | 13.3 | 0 | 5.99 | 0.10 | 0.10 | 8.03 | 90 | 0.09 | 0.57 | 26 | 247 | 541 | 1826 | 2615 | 1400 | 25 |
| 26 | 1400 | 0.00 | 100 | 4.06 | 13.97 | 100 | 6018 | 0 | 12.3 | 0 | 5.52 | 0.00 | 0.10 | 7.97 | 90 | 0.00 | 0.47 | 28 | 232 | 732 | 590 | 1556 | 1400 | 26 |
| 27 | 1400 | 0.00 | 100 | 4.06 | 13.97 | 100 | 6018 | 0 | 13.3 | 0 | 5.99 | 0.00 | 0.10 | 7.88 | 89 | 0.00 | 0.39 | 30 | 219 | 489 | 76 | 787 | 1400 | 27 |
| 28 | 1400 | 0.20 | 100 | 4.23 | 13.97 | 100 | 6018 | 0 | 10.2 | 0 | 4.58 | 0.20 | 0.10 | 7.79 | 88 | 0.18 | 0.36 | 32 | 207 | 229 | 166 | 604 | 1400 | 28 |
| 29 | 1400 | 0.00 | 100 | 4.23 | 13.97 | 100 | 6018 | 0 | 13.3 | 0 | 5.99 | 0.00 | 0.10 | 7.75 | 88 | 0.00 | 0.30 | 34 | 196 | 204 | 293 | 696 | 1400 | 29 |
| 30 | 1400 | 0.00 | 100 | 4.23 | 13.97 | 100 | 6018 | 0 | 12.3 | 0 | 5.52 | 0.00 | 0.10 | 7.66 | 87 | 0.00 | 0.24 | 37 | 187 | 211 | 63 | 463 | 1400 | 30 |
| 31 | 1400 | 0.00 | 100 | 4.23 | 13.97 | 100 | 6018 | 0 | 15.4 | 0 | 6.94 | 0.00 | 0.10 | 7.57 | 86 | 0.00 | 0.20 | 42 | 179 | 125 | 5 | 310 | 1400 | 31 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1315

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

STATION 1.0 STATION 2.0 STATION 3.0
SUSITNA GLACIER SUSITNA RIVER NEAR DENALI CALCULATED
SUSITNA NON-GLACIER ABV USGS GAGE

| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 MAY 72 1400 | 100. | | | 120. | | | 220. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 89. | | | 115. | | | 204. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 65. | | | 101. | | | 167. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 44. | | | 87. | | | 131. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 32. | | | 134. | | | 167. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 35. | | | 270. | | | 306. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 47. | | | 386. | | | 433. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 54. | | | 477. | | | 531. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 58. | | | 561. | | | 619. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 61. | | | 601. | | | 662. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 57. | | | 559. | | | 616. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 49. | | | 477. | | | 527. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 39. | | | 380. | | | 419. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 28. | | | 280. | | | 309. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 18. | | | 192. | | | 210. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 10. | | | 135. | | | 146. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 6. | | | 117. | | | 123. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 4. | | | 129. | | | 133. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 3. | | | 143. | | | 147. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 3. | | | 147. | | | 151. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 2. | | | 151. | | | 154. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 4. | | | 185. | | | 190. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 11. | | | 279. | | | 291. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 33. | | | 494. | | | 528. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 79. | | | 849. | | | 928. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 165. | | | 1,470. | | | 1,630. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 340. | | | 2,760. | | | 3,100. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 609. | | | 4,180. | | | 4,790. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 861. | | | 4,990. | | | 5,850. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 1,050. | | | 5,910. | | | 6,960. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 1,250. | | | 6,740. | | | 7,990. | | | 140 31 MAY 72 |

STREAMFLOW ROUTING
SUSITNA HEP S.MELT 5-7/72 RECONST.
PAGE 2

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 1.0 SUSITNA GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 72 1400 | 1,430. | | | 6,680. | | | 8,100. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 1,450. | | | 5,900. | | | 7,340. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 1,260. | | | 4,430. | | | 5,690. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 986. | | | 3,030. | | | 4,020. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 760. | | | 2,210. | | | 2,970. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 629. | | | 1,870. | | | 2,500. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 560. | | | 1,840. | | | 2,400. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 580. | | | 2,350. | | | 2,930. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 737. | | | 3,350. | | | 4,090. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 990. | | | 4,420. | | | 5,410. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 1,310. | | | 6,090. | | | 7,400. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 1,800. | | | 9,030. | | | 10,800. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 2,460. | | | 10,100. | | | 12,600. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 3,020. | | | 9,280. | | | 12,300. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 3,330. | | | 9,240. | | | 12,600. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 3,510. | | | 8,980. | | | 12,500. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 3,570. | | | 8,300. | | | 11,900. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 3,360. | | | 6,910. | | | 10,300. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 2,910. | | | 5,490. | | | 8,400. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 2,440. | | | 4,350. | | | 6,790. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 2,180. | | | 3,860. | | | 6,040. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 2,130. | | | 3,690. | | | 5,810. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 2,160. | | | 3,840. | | | 6,000. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 2,140. | | | 3,630. | | | 5,770. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 2,110. | | | 3,550. | | | 5,660. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 2,190. | | | 3,780. | | | 5,970. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 2,450. | | | 4,070. | | | 6,520. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 2,710. | | | 3,980. | | | 6,690. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 2,830. | | | 3,860. | | | 6,690. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 2,800. | | | 3,600. | | | 6,390. | | | 140 30 JUN 72 |

FORM 1613-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 1.0 SUSITNA GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 72 1400 | 2,690. | | | 3,390. | | | 6,080. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 2,700. | | | 3,670. | | | 6,370. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 3,040. | | | 4,630. | | | 7,670. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 3,780. | | | 6,150. | | | 9,930. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 4,840. | | | 7,320. | | | 12,200. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 5,960. | | | 7,600. | | | 13,600. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 7,010. | | | 7,300. | | | 14,300. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 7,760. | | | 6,490. | | | 14,300. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 8,110. | | | 5,220. | | | 13,300. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 7,990. | | | 4,050. | | | 12,000. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 7,560. | | | 3,700. | | | 11,300. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 7,180. | | | 4,050. | | | 11,200. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 7,110. | | | 4,110. | | | 11,200. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 7,190. | | | 3,510. | | | 10,700. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 7,030. | | | 3,050. | | | 10,100. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 6,430. | | | 2,590. | | | 9,030. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 5,550. | | | 2,240. | | | 7,790. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 4,650. | | | 1,880. | | | 6,520. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 3,910. | | | 1,680. | | | 5,590. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 3,430. | | | 1,770. | | | 5,200. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 3,280. | | | 1,860. | | | 5,140. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 3,390. | | | 1,780. | | | 5,170. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 3,760. | | | 1,660. | | | 5,420. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 4,450. | | | 2,320. | | | 6,780. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 5,360. | | | 3,530. | | | 8,880. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 6,030. | | | 3,720. | | | 9,750. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 6,210. | | | 3,350. | | | 9,560. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 6,020. | | | 2,680. | | | 8,700. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 5,720. | | | 2,210. | | | 7,930. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 5,470. | | | 1,870. | | | 7,340. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 5,330. | | | 1,580. | | | 6,910. | | | 140 31 JUL 72 |

FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 220. | | | 85. | | | 305. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 212. | | | 77. | | | 289. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 186. | | | 71. | | | 257. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 149. | | | 70. | | | 219. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 149. | | | 152. | | | 301. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 236. | | | 203. | | | 439. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 369. | | | 138. | | | 507. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 482. | | | 178. | | | 660. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 575. | | | 195. | | | 770. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 641. | | | 140. | | | 781. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 639. | | | 118. | | | 757. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 571. | | | 123. | | | 694. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 473. | | | 86. | | | 559. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 364. | | | 73. | | | 437. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 260. | | | 72. | | | 332. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 178. | | | 72. | | | 251. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 135. | | | 84. | | | 219. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 128. | | | 90. | | | 218. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 140. | | | 79. | | | 220. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 149. | | | 80. | | | 229. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 152. | | | 87. | | | 239. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 172. | | | 110. | | | 281. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 240. | | | 145. | | | 385. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 409. | | | 237. | | | 645. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 728. | | | 322. | | | 1,050. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 1,260. | | | 510. | | | 1,790. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 2,360. | | | 971. | | | 3,330. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 3,940. | | | 1,180. | | | 5,120. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 5,320. | | | 1,210. | | | 6,540. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 6,410. | | | 1,740. | | | 8,150. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 7,470. | | | 2,050. | | | 9,530. | | | 140 31 MAY 72 |

FORM 1211-S
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 8,040. | | | 1,850. | | | 9,900. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 7,720. | | | 1,170. | | | 8,890. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 6,520. | | | 493. | | | 7,010. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 4,850. | | | 730. | | | 5,580. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 3,500. | | | 1,010. | | | 4,510. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 2,740. | | | 798. | | | 3,540. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 2,450. | | | 885. | | | 3,340. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 2,670. | | | 1,730. | | | 4,390. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 3,510. | | | 2,240. | | | 5,750. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 4,750. | | | 2,400. | | | 7,150. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 6,400. | | | 3,540. | | | 9,940. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 9,110. | | | 5,170. | | | 14,300. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 11,700. | | | 4,110. | | | 15,800. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 12,500. | | | 4,270. | | | 16,700. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 12,400. | | | 4,170. | | | 16,600. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 12,500. | | | 4,760. | | | 17,300. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 12,200. | | | 3,540. | | | 15,700. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 11,100. | | | 2,000. | | | 13,100. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 9,340. | | | 1,520. | | | 10,900. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 7,600. | | | 2,160. | | | 9,760. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 6,420. | | | 1,770. | | | 8,180. | | | 140 21 JUN 72 |
| 23 JUN 72 1400 | 5,930. | | | 2,450. | | | 8,370. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 5,910. | | | 1,770. | | | 7,670. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 5,890. | | | 1,410. | | | 7,300. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 5,710. | | | 1,600. | | | 7,320. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 5,820. | | | 1,720. | | | 7,540. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 6,250. | | | 1,270. | | | 7,520. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 6,610. | | | 1,120. | | | 7,730. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 6,690. | | | 1,030. | | | 7,720. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 6,540. | | | 877. | | | 7,420. | | | 140 30 JUN 72 |

FORM 1411-S

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 72 1400 | 6,240. | | | 951. | | | 7,190. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 6,230. | | | 1,090. | | | 7,310. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 7,020. | | | 1,160. | | | 8,180. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 8,800. | | | 1,090. | | | 9,890. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 11,000. | | | 922. | | | 12,000. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 12,900. | | | 780. | | | 13,600. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 13,900. | | | 655. | | | 14,600. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 14,300. | | | 551. | | | 14,800. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 13,800. | | | 473. | | | 14,300. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 12,700. | | | 433. | | | 13,100. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 11,700. | | | 992. | | | 12,600. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 11,200. | | | 654. | | | 11,900. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 11,200. | | | 452. | | | 11,700. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 11,000. | | | 841. | | | 11,800. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 10,400. | | | 546. | | | 10,900. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 9,550. | | | 503. | | | 10,100. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 8,410. | | | 455. | | | 8,860. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 7,160. | | | 290. | | | 7,450. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 6,060. | | | 712. | | | 6,770. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 5,400. | | | 916. | | | 6,310. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 5,170. | | | 384. | | | 5,550. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 5,150. | | | 215. | | | 5,370. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 5,300. | | | 186. | | | 5,480. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 6,100. | | | 2,490. | | | 8,590. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 7,830. | | | 1,780. | | | 9,610. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 9,320. | | | 588. | | | 9,900. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 9,650. | | | 198. | | | 9,850. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 9,130. | | | 582. | | | 9,710. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 8,320. | | | 508. | | | 8,820. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 7,640. | | | 208. | | | 7,850. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 7,130. | | | 131. | | | 7,260. | | | 140 31 JUL 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 305. | | | 125. | | | 30. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 297. | | | 115. | | | 18. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 273. | | | 109. | | | 9. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 239. | | | 108. | | | 4. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 269. | | | 233. | | | 6. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 369. | | | 311. | | | 14. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 473. | | | 212. | | | 18. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 583. | | | 274. | | | 20. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 715. | | | 300. | | | 23. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 775. | | | 215. | | | 23. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 769. | | | 181. | | | 19. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 726. | | | 188. | | | 16. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 627. | | | 131. | | | 12. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 498. | | | 111. | | | 7. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 385. | | | 108. | | | 4. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 292. | | | 109. | | | 2. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 235. | | | 126. | | | 1. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 219. | | | 135. | | | 2. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 219. | | | 120. | | | 2. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 224. | | | 121. | | | 2. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 234. | | | 133. | | | 2. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 260. | | | 168. | | | 4. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 332. | | | 222. | | | 10. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 510. | | | 370. | | | 25. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 847. | | | 512. | | | 49. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 1,420. | | | 806. | | | 106. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 2,560. | | | 1,530. | | | 244. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 4,230. | | | 1,900. | | | 393. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 5,830. | | | 1,970. | | | 449. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 7,340. | | | 2,780. | | | 511. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 8,840. | | | 3,300. | | | 612. | | | 140 31 MAY 72 |

FORM 1813
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 12.5 100-300 ROUT DENALI DAMSITE TO SUSKMAC CONF FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 21.0 MACLAREN GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 72 1400 | 9,710. | | | 3,020. | | | 623. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 9,400. | | | 1,900. | | | 512. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 7,950. | | | 771. | | | 357. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 6,300. | | | 1,190. | | | 245. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 5,050. | | | 1,650. | | | 200. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 4,020. | | | 1,230. | | | 180. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 3,440. | | | 1,350. | | | 183. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 5,860. | | | 2,790. | | | 269. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 5,070. | | | 3,730. | | | 425. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 6,450. | | | 4,059. | | | 572. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 8,550. | | | 6,120. | | | 738. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 12,100. | | | 8,430. | | | 1,010. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 15,100. | | | 5,920. | | | 1,270. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 16,300. | | | 6,190. | | | 1,380. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 16,700. | | | 5,750. | | | 1,420. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 16,900. | | | 6,700. | | | 1,450. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 16,500. | | | 4,870. | | | 1,390. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 14,400. | | | 2,560. | | | 1,180. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 12,000. | | | 1,860. | | | 963. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 10,300. | | | 2,760. | | | 856. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 8,970. | | | 2,130. | | | 870. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 8,280. | | | 2,530. | | | 916. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 8,020. | | | 2,260. | | | 924. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 7,490. | | | 1,400. | | | 876. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 7,310. | | | 1,550. | | | 882. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 7,430. | | | 1,930. | | | 1,010. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 7,530. | | | 1,660. | | | 1,160. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 7,630. | | | 1,460. | | | 1,220. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 7,730. | | | 1,380. | | | 1,200. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 7,570. | | | 1,220. | | | 1,150. | | | 140 30 JUN 72 |



FORM 1815
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 72 1400 | 7,300. | | | 1,330. | | | 1,110. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 7,250. | | | 1,720. | | | 1,190. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 7,750. | | | 2,120. | | | 1,430. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 9,040. | | | 2,100. | | | 1,790. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 10,900. | | | 1,810. | | | 2,180. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 12,800. | | | 1,540. | | | 2,520. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 14,100. | | | 1,280. | | | 2,770. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 14,700. | | | 1,060. | | | 2,910. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 14,500. | | | 896. | | | 2,890. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 13,700. | | | 823. | | | 2,720. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 12,900. | | | 1,660. | | | 2,510. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 12,300. | | | 1,190. | | | 2,460. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 11,800. | | | 857. | | | 2,540. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 11,700. | | | 1,420. | | | 2,560. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 11,400. | | | 999. | | | 2,380. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 10,500. | | | 914. | | | 2,060. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 9,460. | | | 853. | | | 1,740. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 8,150. | | | 596. | | | 1,500. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 7,110. | | | 1,240. | | | 1,340. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 6,540. | | | 1,570. | | | 1,280. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 5,930. | | | 741. | | | 1,330. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 5,460. | | | 477. | | | 1,440. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 5,430. | | | 431. | | | 1,650. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 7,040. | | | 4,230. | | | 1,940. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 9,100. | | | 2,970. | | | 2,170. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 9,760. | | | 1,050. | | | 2,220. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 9,880. | | | 426. | | | 2,140. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 9,780. | | | 1,050. | | | 2,040. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 9,270. | | | 913. | | | 1,970. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 8,340. | | | 419. | | | 1,930. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 7,550. | | | 285. | | | 1,940. | | | 140 31 JUL 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 80. | | | 110. | | | 110. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 72. | | | 91. | | | 105. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 68. | | | 77. | | | 92. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 65. | | | 70. | | | 79. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 107. | | | 114. | | | 82. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 121. | | | 136. | | | 108. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 158. | | | 177. | | | 142. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 201. | | | 222. | | | 182. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 221. | | | 245. | | | 222. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 219. | | | 243. | | | 240. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 224. | | | 244. | | | 243. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 196. | | | 212. | | | 233. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 164. | | | 177. | | | 205. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 136. | | | 144. | | | 172. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 110. | | | 114. | | | 141. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 91. | | | 93. | | | 114. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 93. | | | 95. | | | 98. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 94. | | | 96. | | | 95. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 101. | | | 104. | | | 97. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 106. | | | 109. | | | 103. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 116. | | | 118. | | | 110. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 138. | | | 142. | | | 123. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 179. | | | 190. | | | 151. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 297. | | | 323. | | | 223. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 420. | | | 470. | | | 356. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 805. | | | 911. | | | 632. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 1,520. | | | 1,770. | | | 1,270. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 1,720. | | | 2,110. | | | 1,910. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 2,160. | | | 2,610. | | | 2,350. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 2,820. | | | 3,330. | | | 2,970. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 2,760. | | | 3,370. | | | 3,350. | | | 140 31 MAY 72 |

FORM 1417-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 2,630. | | | 3,250. | | | 3,310. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 2,200. | | | 2,710. | | | 2,980. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 1,760. | | | 2,120. | | | 2,420. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 1,430. | | | 1,670. | | | 1,900. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 1,210. | | | 1,410. | | | 1,550. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 1,030. | | | 1,210. | | | 1,320. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 1,270. | | | 1,460. | | | 1,330. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 1,560. | | | 1,850. | | | 1,640. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 1,990. | | | 2,420. | | | 2,120. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 2,250. | | | 2,820. | | | 2,610. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 3,320. | | | 4,060. | | | 3,430. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 4,120. | | | 5,130. | | | 4,590. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 3,560. | | | 4,830. | | | 4,980. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 3,530. | | | 4,910. | | | 4,870. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 3,570. | | | 4,990. | | | 4,950. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 3,630. | | | 5,080. | | | 5,030. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 2,930. | | | 4,320. | | | 4,700. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 2,570. | | | 3,760. | | | 4,040. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 2,280. | | | 3,250. | | | 3,500. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 2,230. | | | 3,080. | | | 3,170. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 1,970. | | | 2,840. | | | 2,970. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 2,080. | | | 2,990. | | | 2,920. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 1,900. | | | 2,830. | | | 2,910. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 1,900. | | | 2,780. | | | 2,800. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 1,990. | | | 2,880. | | | 2,830. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 2,130. | | | 3,140. | | | 3,010. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 2,080. | | | 3,240. | | | 3,190. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 2,050. | | | 3,270. | | | 3,250. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 2,040. | | | 3,240. | | | 3,260. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 1,920. | | | 3,070. | | | 3,160. | | | 140 30 JUN 72 |

FORM 1813

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 72 1400 | 1,970. | | | 3,090. | | | 3,080. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 2,170. | | | 3,360. | | | 3,220. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 2,490. | | | 3,930. | | | 3,640. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 2,800. | | | 4,590. | | | 4,260. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 2,930. | | | 5,110. | | | 4,850. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 2,960. | | | 5,480. | | | 5,300. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 2,890. | | | 5,670. | | | 5,570. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 2,700. | | | 5,610. | | | 5,640. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 2,390. | | | 5,280. | | | 5,440. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 2,130. | | | 4,850. | | | 5,060. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 2,170. | | | 4,680. | | | 4,760. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 2,120. | | | 4,570. | | | 4,630. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 1,930. | | | 4,480. | | | 4,530. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 1,860. | | | 4,430. | | | 4,450. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 1,570. | | | 3,960. | | | 4,190. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 1,420. | | | 3,480. | | | 3,720. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 1,300. | | | 3,040. | | | 3,260. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 1,180. | | | 2,680. | | | 2,860. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 1,180. | | | 2,520. | | | 2,600. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 1,160. | | | 2,440. | | | 2,480. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 1,120. | | | 2,460. | | | 2,450. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 1,110. | | | 2,550. | | | 2,500. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 1,120. | | | 2,760. | | | 2,660. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 1,840. | | | 3,780. | | | 3,270. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 1,650. | | | 3,820. | | | 3,800. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 1,410. | | | 3,630. | | | 3,720. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 1,320. | | | 3,460. | | | 3,550. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 1,270. | | | 3,320. | | | 3,390. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 1,080. | | | 3,050. | | | 3,180. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 947. | | | 2,880. | | | 2,960. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 884. | | | 2,820. | | | 2,850. | | | 140 31 JUL 72 |

FORM 1617-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 84. | | | 624. | | | 624. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 77. | | | 594. | | | 609. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 71. | | | 546. | | | 570. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 70. | | | 496. | | | 522. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 181. | | | 757. | | | 625. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 250. | | | 1,040. | | | 896. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 166. | | | 993. | | | 1,010. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 225. | | | 1,270. | | | 1,130. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 250. | | | 1,490. | | | 1,380. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 173. | | | 1,400. | | | 1,450. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 142. | | | 1,330. | | | 1,370. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 149. | | | 1,300. | | | 1,320. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 94. | | | 1,060. | | | 1,180. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 74. | | | 855. | | | 956. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 72. | | | 706. | | | 781. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 72. | | | 588. | | | 648. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 90. | | | 550. | | | 569. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 100. | | | 550. | | | 550. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 85. | | | 522. | | | 536. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 87. | | | 536. | | | 529. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 100. | | | 577. | | | 556. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 136. | | | 686. | | | 631. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 191. | | | 896. | | | 790. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 323. | | | 1,430. | | | 1,160. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 455. | | | 2,170. | | | 1,800. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 699. | | | 3,560. | | | 2,860. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 1,280. | | | 6,650. | | | 5,100. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 1,600. | | | 9,640. | | | 8,140. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 1,700. | | | 11,800. | | | 10,700. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 2,230. | | | 15,300. | | | 13,600. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 2,620. | | | 18,100. | | | 16,700. | | | 140 31 MAY 72 |

FORM 1413

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 2,520. | | | 18,600. | | | 18,300. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 1,590. | | | 15,900. | | | 17,200. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 689. | | | 11,800. | | | 13,800. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 1,100. | | | 10,500. | | | 11,200. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 1,450. | | | 9,690. | | | 10,100. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 1,060. | | | 7,630. | | | 8,660. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 1,190. | | | 7,300. | | | 7,470. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 2,330. | | | 10,600. | | | 8,970. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 3,070. | | | 14,000. | | | 12,300. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 3,260. | | | 16,400. | | | 15,200. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 5,160. | | | 23,300. | | | 19,800. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 5,790. | | | 30,900. | | | 27,100. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 3,640. | | | 29,600. | | | 30,300. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 3,780. | | | 31,100. | | | 30,400. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 3,210. | | | 30,600. | | | 30,800. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 3,870. | | | 32,500. | | | 31,600. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 2,800. | | | 28,900. | | | 30,700. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 1,310. | | | 22,300. | | | 25,400. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 906. | | | 18,200. | | | 20,300. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 1,300. | | | 17,500. | | | 17,900. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 1,110. | | | 15,200. | | | 16,400. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 1,770. | | | 15,500. | | | 15,300. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 1,350. | | | 14,500. | | | 15,000. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 960. | | | 12,600. | | | 13,600. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 1,030. | | | 12,700. | | | 12,700. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 1,120. | | | 13,500. | | | 13,100. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 898. | | | 13,300. | | | 13,400. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 835. | | | 13,200. | | | 13,200. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 793. | | | 13,200. | | | 13,200. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 713. | | | 12,700. | | | 12,900. | | | 140 30 JUN 72 |

FORM 1471-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 72 1400 | 768. | | | 12,500. | | | 12,600. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 819. | | | 13,000. | | | 12,700. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 836. | | | 14,300. | | | 13,700. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 785. | | | 16,200. | | | 15,300. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 694. | | | 18,300. | | | 17,200. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 618. | | | 20,300. | | | 19,300. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 556. | | | 21,500. | | | 20,900. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 506. | | | 21,900. | | | 21,700. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 469. | | | 21,400. | | | 21,600. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 446. | | | 20,000. | | | 20,700. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 1,050. | | | 20,400. | | | 20,200. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 633. | | | 18,700. | | | 19,500. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 478. | | | 17,700. | | | 18,200. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 937. | | | 18,600. | | | 18,100. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 544. | | | 17,100. | | | 17,800. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 568. | | | 15,700. | | | 16,400. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 472. | | | 14,000. | | | 14,900. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 537. | | | 11,900. | | | 13,000. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 797. | | | 11,700. | | | 11,800. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 860. | | | 11,400. | | | 11,600. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 402. | | | 9,520. | | | 10,500. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 260. | | | 8,700. | | | 9,110. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 236. | | | 8,750. | | | 8,720. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 2,300. | | | 16,800. | | | 12,800. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 1,510. | | | 17,400. | | | 17,100. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 533. | | | 15,100. | | | 16,200. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 226. | | | 14,100. | | | 14,600. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 542. | | | 14,800. | | | 14,400. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 450. | | | 13,800. | | | 14,300. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 218. | | | 11,900. | | | 12,900. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 156. | | | 10,800. | | | 11,400. | | | 140 31 JUL 72 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 33.5 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 MAY 72 1400 | 18. | | | 18. | | | 140. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 217. | | | 22. | | | 147. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 500. | | | 64. | | | 156. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 540. | | | 223. | | | 160. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 1,390. | | | 563. | | | 168. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 972. | | | 1,030. | | | 193. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 992. | | | 1,030. | | | 250. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 777. | | | 913. | | | 318. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 677. | | | 778. | | | 393. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 552. | | | 658. | | | 492. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 487. | | | 562. | | | 597. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 334. | | | 465. | | | 713. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 239. | | | 358. | | | 884. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 153. | | | 263. | | | 1,070. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 98. | | | 189. | | | 1,250. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 71. | | | 137. | | | 1,470. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 109. | | | 106. | | | 1,730. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 192. | | | 102. | | | 2,030. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 359. | | | 147. | | | 2,360. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 313. | | | 245. | | | 2,660. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 260. | | | 302. | | | 2,930. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 121. | | | 255. | | | 3,160. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 61. | | | 176. | | | 3,310. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 24. | | | 112. | | | 3,440. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 11. | | | 70. | | | 3,690. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 6. | | | 45. | | | 4,200. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 3. | | | 30. | | | 5,230. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 261. | | | 26. | | | 7,090. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 172. | | | 53. | | | 8,650. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 176. | | | 123. | | | 8,680. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 241. | | | 175. | | | 7,810. | | | 140 31 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 319. | | | 215. | | | 7,270. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 514. | | | 310. | | | 7,180. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 211. | | | 373. | | | 6,890. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 101. | | | 276. | | | 6,090. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 26. | | | 158. | | | 5,250. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 381. | | | 123. | | | 4,790. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 6. | | | 156. | | | 4,670. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 4. | | | 146. | | | 4,690. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 1. | | | 77. | | | 4,680. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 0. | | | 36. | | | 4,590. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 0. | | | 21. | | | 4,450. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 0. | | | 13. | | | 4,290. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 0. | | | 9. | | | 4,110. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 88. | | | 7. | | | 3,920. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 1. | | | 7. | | | 3,790. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 1,040. | | | 31. | | | 3,820. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 14. | | | 219. | | | 4,520. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 10. | | | 253. | | | 6,060. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 2. | | | 94. | | | 5,970. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 38. | | | 44. | | | 4,270. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 38. | | | 29. | | | 2,960. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 304. | | | 34. | | | 2,450. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 3. | | | 74. | | | 2,450. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 2. | | | 98. | | | 2,690. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 1. | | | 66. | | | 2,600. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 0. | | | 36. | | | 2,200. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 0. | | | 21. | | | 1,900. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 0. | | | 14. | | | 1,770. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 0. | | | 9. | | | 1,720. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 0. | | | 7. | | | 1,680. | | | 140 30 JUN 72 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 72 1400 | 0. | | | 5. | | | 1,650. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 0. | | | 4. | | | 1,610. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 0. | | | 3. | | | 1,570. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 0. | | | 2. | | | 1,530. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 0. | | | 2. | | | 1,480. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 0. | | | 1. | | | 1,430. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 0. | | | 1. | | | 1,390. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 0. | | | 1. | | | 1,340. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 0. | | | 1. | | | 1,300. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 0. | | | 1. | | | 1,260. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 190. | | | 1. | | | 1,220. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 14. | | | 3. | | | 1,190. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 14. | | | 13. | | | 1,170. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 178. | | | 25. | | | 1,150. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 1. | | | 44. | | | 1,130. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 89. | | | 61. | | | 1,120. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 1. | | | 61. | | | 1,110. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 1. | | | 49. | | | 1,100. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 304. | | | 45. | | | 1,100. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 28. | | | 73. | | | 1,110. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 2. | | | 99. | | | 1,140. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 1. | | | 70. | | | 1,160. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 0. | | | 39. | | | 1,160. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 1,030. | | | 45. | | | 1,170. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 138. | | | 232. | | | 1,220. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 10. | | | 297. | | | 1,320. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 3. | | | 120. | | | 1,360. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 253. | | | 69. | | | 1,320. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 2. | | | 75. | | | 1,310. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 2. | | | 85. | | | 1,340. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 1. | | | 59. | | | 1,390. | | | 140 31 JUL 72 |

FORM 1411-J

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 782. | | | 782. | | | 158. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 778. | | | 780. | | | 161. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 790. | | | 784. | | | 210. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 904. | | | 847. | | | 242. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 1,360. | | | 1,130. | | | 741. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 2,120. | | | 1,740. | | | 1,260. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 2,300. | | | 2,210. | | | 1,170. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 2,360. | | | 2,330. | | | 1,470. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 2,550. | | | 2,450. | | | 1,600. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 2,590. | | | 2,570. | | | 1,290. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 2,530. | | | 2,560. | | | 1,260. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 2,490. | | | 2,510. | | | 1,400. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 2,420. | | | 2,460. | | | 1,040. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 2,290. | | | 2,350. | | | 882. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 2,220. | | | 2,250. | | | 838. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 2,250. | | | 2,240. | | | 783. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 2,400. | | | 2,330. | | | 986. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 2,680. | | | 2,540. | | | 1,110. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 3,040. | | | 2,860. | | | 1,110. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 3,440. | | | 3,280. | | | 1,340. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 3,790. | | | 3,610. | | | 1,350. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 4,040. | | | 3,920. | | | 1,420. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 4,280. | | | 4,160. | | | 1,560. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 4,710. | | | 4,500. | | | 2,170. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 5,560. | | | 5,140. | | | 2,790. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 7,110. | | | 6,330. | | | 4,070. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 10,400. | | | 8,730. | | | 6,960. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 15,300. | | | 12,800. | | | 7,850. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 19,400. | | | 17,300. | | | 8,240. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 22,400. | | | 20,900. | | | 10,900. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 24,700. | | | 23,500. | | | 10,200. | | | 140 31 MAY 72 |

FORM 1815-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 30.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 25,800. | | | 25,300. | | | 9,470. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 24,700. | | | 25,300. | | | 6,800. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 21,100. | | | 22,900. | | | 4,660. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 17,500. | | | 19,300. | | | 4,560. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 15,500. | | | 16,500. | | | 4,920. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 13,600. | | | 14,500. | | | 4,360. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 12,300. | | | 12,900. | | | 5,620. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 13,800. | | | 13,000. | | | 6,390. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 17,100. | | | 15,400. | | | 6,430. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 19,800. | | | 18,400. | | | 4,870. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 24,300. | | | 22,100. | | | 6,300. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 31,400. | | | 27,800. | | | 4,840. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 34,400. | | | 32,900. | | | 2,770. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 34,300. | | | 34,300. | | | 3,100. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 34,600. | | | 34,500. | | | 2,260. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 35,400. | | | 35,000. | | | 7,720. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 35,500. | | | 35,400. | | | 4,980. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 31,900. | | | 33,700. | | | 1,860. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 26,300. | | | 29,100. | | | 978. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 22,200. | | | 24,300. | | | 1,230. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 19,300. | | | 20,800. | | | 1,070. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 17,800. | | | 18,600. | | | 2,850. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 17,500. | | | 17,700. | | | 1,640. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 16,400. | | | 17,000. | | | 779. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 15,300. | | | 15,900. | | | 544. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 15,300. | | | 15,300. | | | 478. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 15,300. | | | 15,300. | | | 386. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 15,000. | | | 15,200. | | | 335. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 14,900. | | | 15,000. | | | 291. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 14,600. | | | 14,700. | | | 246. | | | 140 30 JUN 72 |

FORM 1611A

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 35.0 COLLECTION ONE MI ABV CONFL OF OSHET & SUS 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 37.5 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 38.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 72 1400 | 14,200. | | | 14,400. | | | 221. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 14,400. | | | 14,300. | | | 197. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 15,300. | | | 14,800. | | | 171. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 16,800. | | | 16,000. | | | 142. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 18,700. | | | 17,800. | | | 114. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 20,700. | | | 19,700. | | | 92. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 22,300. | | | 21,500. | | | 75. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 23,100. | | | 22,700. | | | 61. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 22,900. | | | 23,000. | | | 50. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 21,900. | | | 22,400. | | | 41. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 21,400. | | | 21,700. | | | 1,090. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 20,700. | | | 21,100. | | | 474. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 19,400. | | | 20,100. | | | 192. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 19,300. | | | 19,300. | | | 735. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 19,000. | | | 19,100. | | | 458. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 17,600. | | | 18,300. | | | 384. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 16,000. | | | 16,800. | | | 350. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 14,100. | | | 15,100. | | | 165. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 13,000. | | | 13,600. | | | 792. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 12,800. | | | 12,900. | | | 1,080. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 11,700. | | | 12,300. | | | 426. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 10,300. | | | 11,000. | | | 239. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 9,920. | | | 10,100. | | | 240. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 14,000. | | | 12,000. | | | 2,120. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 16,600. | | | 16,300. | | | 3,410. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 17,800. | | | 18,200. | | | 1,400. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 16,000. | | | 16,900. | | | 598. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 15,800. | | | 15,900. | | | 1,060. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 15,700. | | | 15,700. | | | 1,410. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 14,300. | | | 15,000. | | | 880. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 12,800. | | | 13,600. | | | 776. | | | 140 31 JUL 72 |

FORM 1417-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 940. | | | 940. | | | 466. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 941. | | | 941. | | | 459. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 994. | | | 968. | | | 450. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 1,090. | | | 1,040. | | | 452. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 1,870. | | | 1,480. | | | 629. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 3,000. | | | 2,430. | | | 1,050. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 3,380. | | | 3,190. | | | 1,360. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 3,800. | | | 3,590. | | | 1,490. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 4,050. | | | 3,930. | | | 1,600. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 3,860. | | | 3,960. | | | 1,590. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 3,820. | | | 3,840. | | | 1,400. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 3,910. | | | 3,870. | | | 1,240. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 3,490. | | | 3,700. | | | 1,090. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 3,230. | | | 3,360. | | | 876. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 3,090. | | | 3,160. | | | 685. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 3,020. | | | 3,050. | | | 583. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 3,310. | | | 3,170. | | | 579. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 3,660. | | | 3,490. | | | 662. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 3,970. | | | 3,820. | | | 735. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 4,580. | | | 4,280. | | | 797. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 4,960. | | | 4,77[illegible]. | | | 880. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 5,340. | | | 5,150. | | | 994. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 5,720. | | | 5,530. | | | 1,150. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 6,670. | | | 6,190. | | | 1,500. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 7,930. | | | 7,300. | | | 2,100. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 10,400. | | | 9,160. | | | 3,030. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 15,700. | | | 13,000. | | | 4,860. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 20,700. | | | 18,200. | | | 7,200. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 25,600. | | | 23,100. | | | 8,970. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 31,800. | | | 28,700. | | | 10,900. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 33,800. | | | 32,800. | | | 13,300. | | | 140 31 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 34,700. | | | 34,300. | | | 14,400. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 32,100. | | | 33,400. | | | 13,000. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 27,600. | | | 29,800. | | | 9,470. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 23,900. | | | 25,700. | | | 6,790. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 21,400. | | | 22,700. | | | 6,390. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 18,900. | | | 20,200. | | | 6,560. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 18,500. | | | 18,700. | | | 6,620. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 19,400. | | | 19,000. | | | 8,570. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 21,900. | | | 20,700. | | | 12,100. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 23,300. | | | 22,600. | | | 14,800. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 28,300. | | | 25,800. | | | 18,400. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 32,700. | | | 30,500. | | | 24,300. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 35,700. | | | 34,200. | | | 22,600. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 37,400. | | | 36,500. | | | 17,600. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 36,700. | | | 37,100. | | | 16,700. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 42,700. | | | 39,700. | | | 17,200. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 40,400. | | | 41,600. | | | 16,700. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 35,500. | | | 38,000. | | | 11,400. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 30,100. | | | 32,800. | | | 8,210. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 25,500. | | | 27,800. | | | 7,160. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 21,800. | | | 23,700. | | | 7,530. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 21,400. | | | 21,600. | | | 7,500. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 19,300. | | | 20,400. | | | 8,180. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 17,700. | | | 18,500. | | | 6,370. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 16,400. | | | 17,100. | | | 6,140. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 15,800. | | | 16,100. | | | 6,460. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 15,700. | | | 15,800. | | | 6,250. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 15,500. | | | 15,600. | | | 5,240. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 15,200. | | | 15,400. | | | 4,740. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 15,000. | | | 15,100. | | | 4,280. | | | 140 30 JUN 72 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUL 72 1400 | 14,600. | | | 14,800. | | | 4,050. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 14,500. | | | 14,600. | | | 4,270. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 15,000. | | | 14,700. | | | 4,310. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 16,200. | | | 15,600. | | | 4,540. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 17,900. | | | 17,000. | | | 4,430. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 19,800. | | | 18,800. | | | 4,020. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 21,600. | | | 20,700. | | | 3,550. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 22,700. | | | 22,200. | | | 3,080. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 23,100. | | | 22,900. | | | 2,640. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 22,500. | | | 22,800. | | | 2,310. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 22,800. | | | 22,600. | | | 2,970. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 21,500. | | | 22,200. | | | 3,800. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 20,200. | | | 20,900. | | | 2,890. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 20,100. | | | 20,200. | | | 2,980. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 19,600. | | | 19,800. | | | 3,300. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 18,700. | | | 19,100. | | | 2,540. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 17,200. | | | 17,900. | | | 2,350. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 15,300. | | | 16,200. | | | 2,920. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 14,400. | | | 14,800. | | | 2,200. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 14,000. | | | 14,200. | | | 3,120. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 12,700. | | | 13,300. | | | 3,270. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 11,300. | | | 12,000. | | | 2,360. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 10,400. | | | 10,800. | | | 1,520. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 14,100. | | | 12,200. | | | 4,940. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 19,700. | | | 16,900. | | | 9,420. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 19,600. | | | 19,600. | | | 6,050. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 17,500. | | | 18,600. | | | 3,230. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 17,000. | | | 17,300. | | | 2,320. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 17,200. | | | 17,100. | | | 2,600. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 15,900. | | | 16,500. | | | 1,910. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 14,300. | | | 15,100. | | | 1,290. | | | 140 31 JUL 72 |

FORM 5011-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA DAM SITE 5180 SQ MI | | | STATION 52.5 | | | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 1,410. | | | 1,410. | | | 280. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 1,400. | | | 1,400. | | | 280. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 1,420. | | | 1,410. | | | 288. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 1,490. | | | 1,460. | | | 305. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 2,110. | | | 1,800. | | | 456. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 3,490. | | | 2,800. | | | 813. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 4,550. | | | 4,020. | | | 1,110. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 5,080. | | | 4,820. | | | 1,270. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 5,530. | | | 5,310. | | | 1,390. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 5,550. | | | 5,540. | | | 1,390. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 5,240. | | | 5,390. | | | 1,240. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 5,110. | | | 5,180. | | | 1,120. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 4,790. | | | 4,950. | | | 990. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 4,240. | | | 4,520. | | | 778. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 3,850. | | | 4,040. | | | 583. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 3,640. | | | 3,740. | | | 469. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 3,750. | | | 3,690. | | | 458. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 4,150. | | | 3,950. | | | 543. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 4,550. | | | 4,350. | | | 630. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 5,070. | | | 4,810. | | | 719. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 5,650. | | | 5,360. | | | 825. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 6,150. | | | 5,900. | | | 940. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 6,680. | | | 6,410. | | | 1,070. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 7,700. | | | 7,190. | | | 1,350. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 9,400. | | | 8,550. | | | 1,840. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 12,200. | | | 10,800. | | | 2,590. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 17,900. | | | 15,100. | | | 4,030. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 25,400. | | | 21,600. | | | 5,850. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 32,100. | | | 28,700. | | | 7,210. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 39,600. | | | 35,900. | | | 8,880. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 46,100. | | | 42,900. | | | 10,700. | | | 140 31 MAY 72 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA DAM SITE 5180 SQ MI | | | STATION 52.5 | | | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 48,600. | | | 47,300. | | | 11,000. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 46,400. | | | 47,500. | | | 9,770. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 39,300. | | | 42,900. | | | 7,130. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 32,500. | | | 35,900. | | | 5,440. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 29,000. | | | 30,800. | | | 5,270. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 26,700. | | | 27,900. | | | 5,260. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 25,300. | | | 26,000. | | | 5,310. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 27,600. | | | 26,500. | | | 6,710. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 32,700. | | | 30,200. | | | 8,320. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 37,400. | | | 35,100. | | | 9,080. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 44,200. | | | 40,800. | | | 10,500. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 54,800. | | | 49,500. | | | 13,200. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 56,800. | | | 55,800. | | | 11,900. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 54,100. | | | 55,500. | | | 9,260. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 53,800. | | | 54,000. | | | 8,670. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 56,900. | | | 55,400. | | | 9,370. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 58,300. | | | 57,600. | | | 9,700. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 49,300. | | | 53,800. | | | 6,190. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 41,000. | | | 45,200. | | | 4,390. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 35,000. | | | 38,000. | | | 3,740. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 31,200. | | | 33,100. | | | 3,800. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 29,100. | | | 30,200. | | | 3,940. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 28,600. | | | 28,800. | | | 4,380. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 24,900. | | | 26,700. | | | 3,320. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 23,200. | | | 24,100. | | | 3,030. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 22,600. | | | 22,900. | | | 2,980. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 22,000. | | | 22,300. | | | 2,810. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 20,800. | | | 21,400. | | | 2,410. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 20,100. | | | 20,500. | | | 2,210. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 19,400. | | | 19,800. | | | 2,030. | | | 140 30 JUN 72 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 50.0 WATANA DAM SITE 5180 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 72 1400 | 18,900. | | | 19,100. | | | 1,930. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 18,800. | | | 18,800. | | | 2,040. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 19,000. | | | 18,900. | | | 2,120. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 20,100. | | | 19,600. | | | 2,120. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 21,500. | | | 20,800. | | | 1,990. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 22,900. | | | 22,200. | | | 1,770. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 24,200. | | | 23,600. | | | 1,570. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 25,200. | | | 24,700. | | | 1,380. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 25,500. | | | 25,400. | | | 1,230. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 25,100. | | | 25,300. | | | 1,130. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 25,600. | | | 25,300. | | | 1,590. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 26,000. | | | 25,800. | | | 2,090. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 23,800. | | | 24,900. | | | 1,490. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 23,100. | | | 23,500. | | | 1,610. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 23,100. | | | 23,100. | | | 1,850. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 21,700. | | | 22,400. | | | 1,390. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 20,300. | | | 21,000. | | | 1,290. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 18,200. | | | 19,200. | | | 1,070. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 17,000. | | | 17,600. | | | 1,200. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 17,300. | | | 17,100. | | | 1,720. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 16,600. | | | 16,900. | | | 1,740. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 14,300. | | | 15,500. | | | 1,230. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 12,300. | | | 13,300. | | | 771. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 17,200. | | | 14,800. | | | 2,450. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 26,300. | | | 21,700. | | | 4,710. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 25,700. | | | 26,000. | | | 3,120. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 21,800. | | | 23,700. | | | 1,690. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 19,600. | | | 20,700. | | | 1,180. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 19,700. | | | 19,600. | | | 1,290. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 18,400. | | | 19,000. | | | 968. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 16,400. | | | 17,400. | | | 659. | | | 140 31 JUL 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI | | | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 1,690. | | | 154. | | | 1,690. | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 1,680. | | | 158. | | | 1,680. | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 1,700. | | | 181. | | | 1,690. | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 1,760. | | | 224. | | | 1,730. | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 2,260. | | | 339. | | | 2,010. | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 3,610. | | | 568. | | | 2,930. | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 5,130. | | | 769. | | | 4,370. | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 6,090. | | | 883. | | | 5,610. | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 6,700. | | | 952. | | | 6,390. | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 6,930. | | | 936. | | | 6,820. | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 6,640. | | | 834. | | | 6,780. | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 6,300. | | | 757. | | | 6,470. | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 5,940. | | | 673. | | | 6,120. | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 5,290. | | | 544. | | | 5,620. | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 4,630. | | | 424. | | | 4,960. | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 4,210. | | | 349. | | | 4,420. | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 4,150. | | | 339. | | | 4,180. | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 4,490. | | | 397. | | | 4,320. | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 4,980. | | | 472. | | | 4,740. | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 5,530. | | | 560. | | | 5,260. | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 6,190. | | | 647. | | | 5,860. | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 6,840. | | | 712. | | | 6,510. | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 7,490. | | | 769. | | | 7,160. | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 8,540. | | | 920. | | | 8,020. | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 10,400. | | | 1,200. | | | 9,470. | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 13,400. | | | 1,670. | | | 11,900. | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 19,100. | | | 2,580. | | | 16,200. | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 27,500. | | | 3,680. | | | 23,300. | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 35,900. | | | 4,470. | | | 31,700. | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 44,700. | | | 5,460. | | | 40,300. | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 53,500. | | | 6,400. | | | 49,100. | | | 140 31 MAY 72 |

FORM 1813

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI | | | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 1400 | 58,300. | | | 6,350. | | | 55,900. | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 57,300. | | | 5,570. | | | 57,800. | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 50,000. | | | 4,080. | | | 53,600. | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 41,300. | | | 3,140. | | | 45,700. | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 36,000. | | | 2,950. | | | 38,700. | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 33,100. | | | 2,860. | | | 34,600. | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 31,300. | | | 2,880. | | | 32,200. | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 33,200. | | | 3,590. | | | 32,300. | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 38,500. | | | 4,400. | | | 35,800. | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 44,100. | | | 4,810. | | | 41,300. | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 51,200. | | | 5,490. | | | 47,700. | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 62,700. | | | 6,870. | | | 57,000. | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 67,700. | | | 6,140. | | | 65,200. | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 64,700. | | | 4,750. | | | 66,200. | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 62,600. | | | 4,430. | | | 63,700. | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 64,700. | | | 4,940. | | | 63,700. | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 67,300. | | | 5,270. | | | 66,000. | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 60,000. | | | 3,310. | | | 63,700. | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 49,600. | | | 2,320. | | | 54,800. | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 41,700. | | | 1,960. | | | 45,600. | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 36,900. | | | 1,980. | | | 39,300. | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 34,100. | | | 2,080. | | | 35,500. | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 33,200. | | | 2,330. | | | 33,700. | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 30,000. | | | 1,750. | | | 31,600. | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 27,100. | | | 1,570. | | | 28,600. | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 25,900. | | | 1,520. | | | 26,500. | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 25,100. | | | 1,420. | | | 25,500. | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 23,800. | | | 1,230. | | | 24,500. | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 22,700. | | | 1,130. | | | 23,300. | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 21,800. | | | 1,040. | | | 22,200. | | | 140 30 JUN 72 |

FORM 1815
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 60.0 DEVIL CANYON DAM SITE 5810 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 72 1400 | 21,100. | | | 987. | | | 21,400. | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 20,900. | | | 1,030. | | | 21,000. | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 21,100. | | | 1,070. | | | 21,000. | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 21,700. | | | 1,060. | | | 21,400. | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 22,800. | | | 997. | | | 22,200. | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 23,900. | | | 895. | | | 23,300. | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 25,100. | | | 798. | | | 24,500. | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 26,100. | | | 713. | | | 25,600. | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 26,600. | | | 642. | | | 26,400. | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 26,400. | | | 588. | | | 26,500. | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 26,900. | | | 855. | | | 26,700. | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 27,900. | | | 1,140. | | | 27,400. | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 26,400. | | | 780. | | | 27,100. | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 25,100. | | | 866. | | | 25,700. | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 25,000. | | | 1,010. | | | 25,000. | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 23,800. | | | 743. | | | 24,400. | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 22,300. | | | 701. | | | 23,000. | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 20,300. | | | 533. | | | 21,300. | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 18,800. | | | 671. | | | 19,600. | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 18,900. | | | 990. | | | 18,800. | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 18,700. | | | 870. | | | 18,800. | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 16,700. | | | 595. | | | 17,700. | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 14,100. | | | 380. | | | 15,400. | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 17,200. | | | 1,380. | | | 15,700. | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 26,400. | | | 2,620. | | | 21,800. | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 29,100. | | | 1,560. | | | 27,800. | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 25,400. | | | 787. | | | 27,300. | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 21,900. | | | 604. | | | 23,700. | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 20,900. | | | 696. | | | 21,400. | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 20,000. | | | 463. | | | 20,500. | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 18,100. | | | 310. | | | 19,000. | | | 140 31 JUL 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 70.0 | | | STATION 0.0 | | | STATION 0.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 1,840. | | | | | | | | | 140 1 MAY 72 |
| 2 MAY 72 1400 | 1,840. | | | | | | | | | 140 2 MAY 72 |
| 3 MAY 72 1400 | 1,870. | | | | | | | | | 140 3 MAY 72 |
| 4 MAY 72 1400 | 1,950. | | | | | | | | | 140 4 MAY 72 |
| 5 MAY 72 1400 | 2,350. | | | | | | | | | 140 5 MAY 72 |
| 6 MAY 72 1400 | 3,500. | | | | | | | | | 140 6 MAY 72 |
| 7 MAY 72 1400 | 5,140. | | | | | | | | | 140 7 MAY 72 |
| 8 MAY 72 1400 | 6,490. | | | | | | | | | 140 8 MAY 72 |
| 9 MAY 72 1400 | 7,350. | | | | | | | | | 140 9 MAY 72 |
| 10 MAY 72 1400 | 7,750. | | | | | | | | | 140 10 MAY 72 |
| 11 MAY 72 1400 | 7,620. | | | | | | | | | 140 11 MAY 72 |
| 12 MAY 72 1400 | 7,220. | | | | | | | | | 140 12 MAY 72 |
| 13 MAY 72 1400 | 6,790. | | | | | | | | | 140 13 MAY 72 |
| 14 MAY 72 1400 | 6,160. | | | | | | | | | 140 14 MAY 72 |
| 15 MAY 72 1400 | 5,380. | | | | | | | | | 140 15 MAY 72 |
| 16 MAY 72 1400 | 4,770. | | | | | | | | | 140 16 MAY 72 |
| 17 MAY 72 1400 | 4,520. | | | | | | | | | 140 17 MAY 72 |
| 18 MAY 72 1400 | 4,720. | | | | | | | | | 140 18 MAY 72 |
| 19 MAY 72 1400 | 5,210. | | | | | | | | | 140 19 MAY 72 |
| 20 MAY 72 1400 | 5,820. | | | | | | | | | 140 20 MAY 72 |
| 21 MAY 72 1400 | 6,510. | | | | | | | | | 140 21 MAY 72 |
| 22 MAY 72 1400 | 7,220. | | | | | | | | | 140 22 MAY 72 |
| 23 MAY 72 1400 | 7,930. | | | | | | | | | 140 23 MAY 72 |
| 24 MAY 72 1400 | 8,940. | | | | | | | | | 140 24 MAY 72 |
| 25 MAY 72 1400 | 10,700. | | | | | | | | | 140 25 MAY 72 |
| 26 MAY 72 1400 | 13,600. | | | | | | | | | 140 26 MAY 72 |
| 27 MAY 72 1400 | 18,800. | | | | | | | | | 140 27 MAY 72 |
| 28 MAY 72 1400 | 27,000. | | | | | | | | | 140 28 MAY 72 |
| 29 MAY 72 1400 | 36,200. | | | | | | | | | 140 29 MAY 72 |
| 30 MAY 72 1400 | 45,800. | | | | | | | | | 140 30 MAY 72 |
| 31 MAY 72 1400 | 55,500. | | | | | | | | | 140 31 MAY 72 |

FORM 1815-S
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 72 1400 | 62,300. | | | | | | | | | 140 1 JUN 72 |
| 2 JUN 72 1400 | 63,400. | | | | | | | | | 140 2 JUN 72 |
| 3 JUN 72 1400 | 57,700. | | | | | | | | | 140 3 JUN 72 |
| 4 JUN 72 1400 | 48,800. | | | | | | | | | 140 4 JUN 72 |
| 5 JUN 72 1400 | 41,600. | | | | | | | | | 140 5 JUN 72 |
| 6 JUN 72 1400 | 37,500. | | | | | | | | | 140 6 JUN 72 |
| 7 JUN 72 1400 | 35,100. | | | | | | | | | 140 7 JUN 72 |
| 8 JUN 72 1400 | 35,900. | | | | | | | | | 140 8 JUN 72 |
| 9 JUN 72 1400 | 40,200. | | | | | | | | | 140 9 JUN 72 |
| 10 JUN 72 1400 | 46,100. | | | | | | | | | 140 10 JUN 72 |
| 11 JUN 72 1400 | 53,200. | | | | | | | | | 140 11 JUN 72 |
| 12 JUN 72 1400 | 63,900. | | | | | | | | | 140 12 JUN 72 |
| 13 JUN 72 1400 | 71,400. | | | | | | | | | 140 13 JUN 72 |
| 14 JUN 72 1400 | 71,000. | | | | | | | | | 140 14 JUN 72 |
| 15 JUN 72 1400 | 68,100. | | | | | | | | | 140 15 JUN 72 |
| 16 JUN 72 1400 | 68,600. | | | | | | | | | 140 16 JUN 72 |
| 17 JUN 72 1400 | 71,300. | | | | | | | | | 140 17 JUN 72 |
| 18 JUN 72 1400 | 67,000. | | | | | | | | | 140 18 JUN 72 |
| 19 JUN 72 1400 | 57,100. | | | | | | | | | 140 19 JUN 72 |
| 20 JUN 72 1400 | 47,600. | | | | | | | | | 140 20 JUN 72 |
| 21 JUN 72 1400 | 41,300. | | | | | | | | | 140 21 JUN 72 |
| 22 JUN 72 1400 | 37,600. | | | | | | | | | 140 22 JUN 72 |
| 23 JUN 72 1400 | 36,000. | | | | | | | | | 140 23 JUN 72 |
| 24 JUN 72 1400 | 33,400. | | | | | | | | | 140 24 JUN 72 |
| 25 JUN 72 1400 | 30,100. | | | | | | | | | 140 25 JUN 72 |
| 26 JUN 72 1400 | 28,000. | | | | | | | | | 140 26 JUN 72 |
| 27 JUN 72 1400 | 26,900. | | | | | | | | | 140 27 JUN 72 |
| 28 JUN 72 1400 | 25,700. | | | | | | | | | 140 28 JUN 72 |
| 29 JUN 72 1400 | 24,400. | | | | | | | | | 140 29 JUN 72 |
| 30 JUN 72 1400 | 23,300. | | | | | | | | | 140 30 JUN 72 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 0.0 FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUL 72 1400 | 22,400. | | | | | | | | | 140 1 JUL 72 |
| 2 JUL 72 1400 | 22,000. | | | | | | | | | 140 2 JUL 72 |
| 3 JUL 72 1400 | 22,000. | | | | | | | | | 140 3 JUL 72 |
| 4 JUL 72 1400 | 22,400. | | | | | | | | | 140 4 JUL 72 |
| 5 JUL 72 1400 | 23,200. | | | | | | | | | 140 5 JUL 72 |
| 6 JUL 72 1400 | 24,200. | | | | | | | | | 140 6 JUL 72 |
| 7 JUL 72 1400 | 25,300. | | | | | | | | | 140 7 JUL 72 |
| 8 JUL 72 1400 | 26,300. | | | | | | | | | 140 8 JUL 72 |
| 9 JUL 72 1400 | 27,000. | | | | | | | | | 140 9 JUL 72 |
| 10 JUL 72 1400 | 27,100. | | | | | | | | | 140 10 JUL 72 |
| 11 JUL 72 1400 | 27,500. | | | | | | | | | 140 11 JUL 72 |
| 12 JUL 72 1400 | 28,500. | | | | | | | | | 140 12 JUL 72 |
| 13 JUL 72 1400 | 27,900. | | | | | | | | | 140 13 JUL 72 |
| 14 JUL 72 1400 | 26,600. | | | | | | | | | 140 14 JUL 72 |
| 15 JUL 72 1400 | 26,000. | | | | | | | | | 140 15 JUL 72 |
| 16 JUL 72 1400 | 25,100. | | | | | | | | | 140 16 JUL 72 |
| 17 JUL 72 1400 | 23,700. | | | | | | | | | 140 17 JUL 72 |
| 18 JUL 72 1400 | 21,800. | | | | | | | | | 140 18 JUL 72 |
| 19 JUL 72 1400 | 20,200. | | | | | | | | | 140 19 JUL 72 |
| 20 JUL 72 1400 | 19,800. | | | | | | | | | 140 20 JUL 72 |
| 21 JUL 72 1400 | 19,600. | | | | | | | | | 140 21 JUL 72 |
| 22 JUL 72 1400 | 18,300. | | | | | | | | | 140 22 JUL 72 |
| 23 JUL 72 1400 | 15,800. | | | | | | | | | 140 23 JUL 72 |
| 24 JUL 72 1400 | 17,000. | | | | | | | | | 140 24 JUL 72 |
| 25 JUL 72 1400 | 24,400. | | | | | | | | | 140 25 JUL 72 |
| 26 JUL 72 1400 | 29,300. | | | | | | | | | 140 26 JUL 72 |
| 27 JUL 72 1400 | 28,100. | | | | | | | | | 140 27 JUL 72 |
| 28 JUL 72 1400 | 24,300. | | | | | | | | | 140 28 JUL 72 |
| 29 JUL 72 1400 | 22,100. | | | | | | | | | 140 29 JUL 72 |
| 30 JUL 72 1400 | 20,900. | | | | | | | | | 140 30 JUL 72 |
| 31 JUL 72 1400 | 19,400. | | | | | | | | | 140 31 JUL 72 |
| END.. | | | | | | | | | | 2 |

FORM 1815-2
PRINTED IN U.S.A.

```
JOB          510881  1        1     SUSITNA HEP SPRING PMF
CP      3000    3000                                                  BASAV
CT01    1015       2     0     95    999    100                        SMI GL
CT01    1018       2     0     10    2.5     20     5          40 SMI
CT02    1018      12    60     15     75    999    80
CT01    1020       2     0     20      2     30     5          60 SMI
CT02    1020       9   100     15    100   9999   100
CT01    1021       2     0      5     99      5  9999           5 SMI
CT01    2009       2     0     60    0.1     50   0.2          45 BII
CT02    2009     0.3    37    0.4     32    0.5    29         0.6MCKENZ
CT03    2009      27   1.0     20    2.0     10  9999          10
CT01    2010       2     0     75     .2     60   0.4          48 BII
CT02    2010     0.6    37    0.8     31    1.0    27         1.2WILLAM
CT03    2010      25  9999     25
CT01    2011       2     0     50    0.1     47   0.2          45 BII
CT02    2011     0.3    37    0.4     32    0.5    29         0.6
CT03    2011      27     1     20      2      8     3           4
CT04    2011       5     2    999      1
CT01    2012       2     0     70     .5     50     3          20 BII
CT02    2012       5    10     10    .05     99   .05
CT01    2017       2     0    100    1.0     95  9999          95 BIIGL
CT01    3001       2     0      0    .02   .009   .03        .013 S/SS
CT02    3001     .05  .021    .06   .025   .075   .034        .10
CT03    3001     .05  9999  99999
CT01    3003       2     0      0   .016  .0026   .033       .008 S-SS
CT02    3003     .05  .015   .067   .024   .083   .036       .100MCKENZ
CT03    3005     .05   2.0   1.20    999    999
CT01    3008       2     0      0    .01  .0005   .02       .0015 S-SS
CT02    3008     .03  .003    .04   .005    .05   .008        .06
CT03    3008    .012   .07   .017    .08   .023    .09         .03
CT04    3008     .10  .038    999    999
CT01    3009       2     0      0    .05   .001    0.5         .05  S/SS
CT02    3009     1.0   0.2   9999   9000                          GLAC
CT01    4008       2     4   0.03      5   0.09      6        0.09  ETI
CT02    4008       7  0.10      8   0.10      9   0.10
CT01    4009       2     4   0.03      5   0.05      6        0.06  ETI
CT02    4009       7  0.07      8   0.08      9   0.06          GLAC
CT01    4010       2     4   0.03      5   0.09      6        0.15  ETI
CT02    4010       7  0.15      8   0.15      9   0.15
CT01    5001       2     0    100     .5     30      1          20  KE
CT02    5001     1.5    20    999     20
CT01    6004       2     0    100    100    100   9999         100 SCDGL
CT01    6006       2     0    100      8     80     20          60  SCD
CT02    6006      36    40     59     20    100      0         999
CT03    6006       0
CT01    7005       2     0   0.32    100   0.32   9999        0.32 MELTR
CT01    7009       2     0   0.12    100   0.12   9999        0.12 MELTR
CT01    7010       2     0   0.10     20,  0.15     40        0.24 MELSUS
CT02    7010      50   0.30     80   0.40    100   0.45        9999
CT01    7011       2     0    .08    100    .08   9999         .08 MELTG
CB01    10         1          SUSITNA GLACIER
CB02    10      2214  6 4  12 4  24   100 50016004    40091015
CB03    10      2017 10  3009                    7011          35 32 33
CB04    10      3300010043000100
C3 1    10  2800    0  3000   45 4000  177 5000  359 6000  611 7000  848
C3 2    10  8000  961 9000  99813832  9999999999999
CB01    20         1          SUSITNA NON-GLACIER ABV USGS GAGE
CB02    20      6944  8 4  20 5 156   100 50016006    40081018
CB03    20      2011 10  3008                    7005          35 32 33
CB04    20      3300010043000100
C3 1    20  2440    0  3000  277 4000  532 5000  813 6000  928 7000  971
C3 2    20  8000  984 9000  98910000  99813832  9999999999999
CC01    30         1          SUSITNA RIVER NEAR DENALI CALCULATED
CR01    55         1          30-100 ROUT DENALI GAGE TO DENALI DAMSITE
```

DATA FILE 12 – ACRES PMF SSARR MODEL INPUT

FORM 1413-3

PRINTED IN U.S.A.

```
CB01    80       1          LOCAL ABOVE DENALI DAMSITE  312 SQ MI
CB02    80    3124  3 4   8 4 156   100 50016006    40081018
CB03    80    2009  9  3008                    7010          35 32 33
CB04    80    33000 8143000100
C3 1    80  2570    0 3000  359 4000  744 5000  971 6000  997 6100  999
C3 2    80  9999999999
CC01    100      1          DENALI DAMSITE  1260 SQ MI
CR01    125      1          100-500 ROUT DENALI DAMSITE TO SUS&MAC CONF
CR02    125            3 2   11
CB01    180      1          SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477
CB02    180    4774  3 4   8 5 156   100 50016006    40081018
CB03    180    2009  9  3008                    7010          35 32 33
CB04    180    33000 4843000100
C3 1    180  2350    0 3000  350 4000  820 5000  964 6000  965 6200  999
C3 2    180  9999999999
CB01    210      1          MACLAREN GLACIER
CB02    210    443  6 3  12 3  24   100 50016004    40091015
CB03    210    2017 10  3009                    7009  9       35 32 33
CB04    210    33000 8043000105
C3 1    210  3150   0  4000  109 5000  241 6000  672 7000  96  8000  998
C3 2    210  8850  9999999999999
CB01    220      1          MACLAREN NON-GLACIER ABV USGS GAGE
CB02    220    2324  5 4  20 5 156    75 50016006    40081018
CB03    220    2012 10  3003                    7005          35 32 33
CB04    220    33000 8043000105
C3 1    220  2866   0  3000   82 4000  505 5000  801 6000  949 7000  986
C3 2    220  8000  998 8850  9999999999999
CC01    230      1          MACLAREN RIVER NEAR PAXSON CALCULATED
CR01    255      1          230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL
CR02    255          6 2   10
CB01    280      1          MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307
CB02    280    3074  3 4   8 5 156   100 50016006    40081018
CB03    280    2009  9  3008                    7010          35 32 33
CB04    280    33000 8043000100
C3 1    280  2350    0 3000  498 4000  967 5000  968 5275  9999999999999
CC01    300      1          CONFLUENCE OF MACLAREN RIVER WITH SUSITNA
CR01    325      1          300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE
CR02    325          5 2   9
CB01    330      1          LAKE LOUISE AND SUSITNA LAKE  48 SQ MI
CB02    330    483 15 1   0 1   0   100 50016006    40081022
CB03    330    2009  9  3008                    7010          35 32 33
CB04    330    55000 4843000115
C3 1    330  2361    0 2363  9999999999999
CR01    335      1          330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV
CR02    335          3 4   100
CB01    340      1          TYONE RIVER BASIN 1047 SQ MI
CB02    340  10478 10 8  48 8 200   100 50016006    40101018
CB03    340    2009  9  3008                    7010          35 32 33
CB04    340    33000 4843000115
C3 1    340  2100    0 3000  607 4000  952 5000  998 5275  9999999999999
CC01    350      1          COLLECTION ONE MI ABV CONFL OF OSHET & SUS
CR01    375      1          350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U)
CR02    375          1 2   4
CB01    380      1          OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI
CB02    380    7353  3 4   8 4  72   100 50016006    40081018
CB03    380    2009  9  3008                    7010          35 32 33
CB04    380    55000 4043000115
C3 1    380  1910    0 2000    2 3000  156 4000  491 5000  784 6000  960
C3 2    380  7000  998 7770  9999999999999
CC01    400      1          SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M
CR01    425      1          400-500 ROUT VEE DAMSITE TO WATANA DAMSITE
CR02    425          4 1   3
CB01    480      1          WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
CB02    480  10454  8 4  15 5 156   100 50016006    40081020
CB03    480    2009  9  3008                    7010          35 32 33
```

FORM 14113

PRINTED IN U.S.A.

```
C3 1     480  1450    0 2000   30 3000  277 4000  683 5000  911 6000  989
C3 2     480  7000  989 7200  9999999999999
CC01     500       1           WATANA INFLOW
CL01     501       1           WATANA OUTFLOW
CL02     501                       224000 220000
C110     501    220000     000       10017700 220500     000       10246900
C111     501    221000     000       10465200 221500  109770       10659900
C112     501    221700  113710       10755650 221900  120000       10851400
C113     501    222000  126440       10929230 222300  133040       11007070
C114     501    222500  139780       11084900 222650  144930       11149700
C115     501    222700  256670       11171300 223000  267260       11301700
C116     501    223500  285610       11553500 224000  304780       11772900
C117     501    999999  999999       99999999
CR01     525       1           500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI
CR02     525             3 1    3
CB01     580       1           TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI
CB02     580    6284  8 4  15 5 156   100 50016006    40081020
CB03     580    2009  9  3008                    7010          35 32 33
CB04     580   33000 7343000105
C3 1     580   910    0 1000    2 2000   84 3000  441 4000  795 5000  962
C3 2     580  6000  998 6910  9999999999999
CC01     600       1           DEVIL CANYON INFLOW
CL01     601       1           DEVIL CANYON OUTFLOW
CL02     601                       1480   1445
C110     601    1445     000       1014100 1446     000       1020900
C111     601    1448     000       1034500 1450     000       1048200
C112     601    1452     000       1065600 1454     000       1083000
C113     601    1455  140000       1091800 1460  160310       1135300
C114     601    1465  181870       1178900 14665 188580       1192030
C115     601    1467  315830       1196400 1470  329620       1222500
C116     601    1480  378410       1309800 9999  999999       9999999
CR01     625       1           600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD
CR02     625             1 1    3
CB01     680       1           PORTAGE AND GOLD CREEK LOCAL 345 SQ MI
CB02     680    3454  8 4  15 5 156   100 50016006    40081020
CB03     680    2009  9  3008                    7010          35 32 33
CB04     680   33000 6443000105
C3 1     680   677    0 1000   32 2000  261 3000  510 4000  809 5000  971
C3 2     680  6000  998 6018  9999999999999
CC01     700       1           SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM
P          10    30
P          20    30
P          30    55
P          55   100
P          80   100
P         100   125
P         125   300
P         180   300
P         210   230
P         220   230
P         230   255
P         255   300
P         280   300
P         300   325
P         325   350
P         330   335
P         335   350
P         340   350
P         350   375
P         375   400
P         380   400
P         400   425
P         425   500
P         480   500
P         500   501
```

FORM 1413

PRINTED IN U.S.A.

```
P          525        600
P          580        600
P          600        601
P          601        625
P          680        700
P          625        700
P          700
T    14 010572 6014 300672
2B00       10 14 010572      8     030    100 1                    99
2B02       10 14 010572     10      10     10     10     10
2B03       10 14 010572     30      30     30     30     30
2B04       10 14 010572     60      60     60     60     60
2B00       20 14 010572      4      03    100 01                   81
2B02       20 14 010572     10      10     10     10     10
2B03       20 14 010572     50      50     50     50     30
2B04       20 14 010572     60      60     60     60     60     60     60     60
2B00       80 14 010572      4      03    100                      35
2B02       80 14 010572      5       5      5      5      5
2B03       80 14 010572     10      10     10     10     10
2B04       80 14 010572     70      70     70     70     70
2B00      180 14 010572      4      03    100                      32
2B02      180 14 010572      7       7      7      7      7
2B03      180 14 010572     10      10     10     10     10
2B04      180 14 010572    108     108    108    108    108    108
2B00      210 14 010572      8     030    100 1                    99
2B02      210 14 010572     10      10     10     10     10
2B03      210 14 010572     10      10     10     10     10
2B04      210 14 010572     10      10     10     10     10
2B00      220 14 010572      4      03    100 01                   62
2B02      220 14 010572     10      10     10     10     10
2B03      220 14 010572     10      10     10     10     10
2B04      220 14 010772     60      60     60     60     60     60     60     60
2B00      280 14 010572      4      03    100                      30
2B02      280 14 010572      4       4      4      4      4
2B03      280 14 010572     10      10     10     10     10
2B04      280 14 010572     70      70     70     70     70     70
2B00      330 14 010572      4      03    100                      23
2B02      330 14 010572     18      18     18     18     18
2B03      330 14 010572      0       0      0      0      0
2B04      330 14 010572      0       0      0      0      0
2B00      340 14 010572      4      03    100                      27
2B02      340 14 010572     18      18     18     18     18
2B03      340 14 010572     20      20     20     20     20     20     20     20
2B04      340 14 010572    120     120    120    120    120    120    120    120
2B00      380 14 010572      4      03    100                      59
2B02      380 14 010572      8       8      8      8      8
2B03      380 14 010572     20      20     20     20     20
2B04      380 14 010572    130     130    130    130    130
2B00      480 14 010572      4      03    100                      57
2B02      480 14 010572     16      16     16     16     16
2B03      480 14 010572     30      30     30     30     30
2B04      480 14 010572    420     420    420    420    420
2L01      501 14 010572   1500 2215    10659900
2B00      580 14 010572      4      03    100                      48
2B02      580 14 010572      5       5      5      5      5
2B03      580 14 010572     15      15     15     15     15
2B04      580 14 010572    260     260    260    260    260
2L01      601 14 010572   1500 1455    1091800
2B00      680 14 010572      4      03    100                      48
2B02      680 14 010572      4       4      4      4      4
2B03      680 14 010572     10      10     10     10     10
2B04      680 14 010572    140     140    140    140    140
4D    6   3000 14 0105724 320 320 320 320 320 320 320 320 320 320 320 320 320 320 320
4D    6   3000  2 0505724 320 320 320 320 320 320 320 320 320 320 320 320 320 320 320
4D    6   3000 14 0805724 320 320 320 320 320 320 320 320 320 320 320 320 320 320 320
```

FORM 1411-3
PRINTED IN U.S.A.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4D | 6 | 3000 | 14 | 1505724 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| 4D | 6 | 3000 | 2 | 1905724 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| 4D | 6 | 3000 | 14 | 2205724 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| 4D | 6 | 3000 | 2 | 2605724 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| 4D | 6 | 3000 | 14 | 2905724 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | | | | |
| 4D | 6 | 3000 | 2 | 0106724 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 330 | 330 |
| 4D | 6 | 3000 | 14 | 0406724 | 350 | 350 | 380 | 390 | 420 | 450 | 460 | 490 | 510 | 530 | 560 | 580 | 600 | 595 |
| 4D | 6 | 3000 | 2 | 0806724 | 588 | 588 | 580 | 580 | 575 | 575 | 570 | 570 | 562 | 562 | 560 | 560 | 552 | 552 |
| 4D | 6 | 3000 | 14 | 1106724 | 550 | 550 | 530 | 520 | 510 | 500 | 500 | 500 | 500 | 500 | 492 | 492 | 492 | 492 |
| 4D | 6 | 3000 | 2 | 1506724 | 502 | 502 | 502 | 502 | 490 | 470 | 470 | 480 | 482 | 482 | 482 | 482 | 492 | 492 |
| 4D | 6 | 3000 | 14 | 1806724 | 492 | 492 | 520 | 540 | 560 | 582 | 592 | 592 | 592 | 592 | 630 | 630 | 630 | 630 |
| 4D | 6 | 3000 | 2 | 2206724 | 650 | 650 | 650 | 650 | 640 | 640 | 640 | 640 | 580 | 580 | 580 | 580 | 550 | 550 |
| 4D | 6 | 3000 | 14 | 2506724 | 550 | 550 | 540 | 540 | 540 | 540 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 |
| 4D | 6 | 3000 | 2 | 2906724 | 520 | 520 | 520 | 520 | 510 | 510 | 510 | 510 | | | | | | |
| 4D | 6 | 3000 | 14 | 0806723 | 02 | 02 | 06 | 06 | 06 | 07 | 19 | 20 | 20 | 20 | 15 | 15 | 22 | 53 |
| 4D | 6 | 3000 | 2 | 1206723 | 18 | 18 | 24 | 60 | 24 | 24 | 32 | 82 | 29 | 29 | 39 | 98 | 49 | 49 |
| 4D | 6 | 3000 | 14 | 1506723 | 65 | 163 | 89 | 37 | 26 | 26 | 61 | 25 | 18 | 18 | | | | |
| 6S | | 501 | 14 | 0105722 | 22150014 | | 30062 | 221500 | | | | | | | | | | |
| 6S | | 601 | 14 | 0105722 | 14550014 | | 30062 | 145500 | | | | | | | | | | |

EOF..

FORM 1411-S
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE 310801 RUN NO. 0 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.00 | 8.00 | 0 | 0.00 | 0.03 | 0 | 60 | 30 | 10 | 100 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 8.00 | 95 | 0.00 | 0.03 | 100 | 59 | 29 | 9 | 100 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.99 | 95 | 0.00 | 0.03 | 100 | 59 | 29 | 8 | 98 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.98 | 95 | 0.00 | 0.03 | 100 | 59 | 28 | 6 | 94 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.96 | 95 | 0.00 | 0.02 | 100 | 59 | 25 | 4 | 89 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.95 | 95 | 0.00 | 0.02 | 100 | 58 | 22 | 2 | 84 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.94 | 95 | 0.00 | 0.02 | 100 | 56 | 19 | 1 | 78 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.93 | 95 | 0.00 | 0.02 | 100 | 54 | 16 | 0 | 72 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.91 | 95 | 0.00 | 0.02 | 100 | 52 | 13 | 0 | 66 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.90 | 95 | 0.00 | 0.02 | 100 | 50 | 10 | 0 | 61 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.89 | 95 | 0.00 | 0.02 | 100 | 47 | 7 | 0 | 55 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.88 | 95 | 0.00 | 0.02 | 100 | 44 | 6 | 0 | 51 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.86 | 95 | 0.00 | 0.02 | 100 | 41 | 4 | 0 | 46 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.85 | 95 | 0.00 | 0.01 | 100 | 38 | 3 | 0 | 42 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.84 | 95 | 0.00 | 0.01 | 100 | 35 | 2 | 0 | 38 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.83 | 95 | 0.00 | 0.01 | 100 | 33 | 1 | 0 | 35 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.81 | 95 | 0.00 | 0.01 | 100 | 30 | 1 | 0 | 32 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.80 | 95 | 0.00 | 0.01 | 100 | 27 | 0 | 0 | 29 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.79 | 95 | 0.00 | 0.01 | 100 | 25 | 0 | 0 | 26 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.78 | 95 | 0.00 | 0.01 | 100 | 23 | 0 | 0 | 24 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.76 | 95 | 0.00 | 0.01 | 100 | 21 | 0 | 0 | 22 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.75 | 95 | 0.00 | 0.01 | 100 | 19 | 0 | 0 | 20 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.74 | 95 | 0.00 | 0.01 | 100 | 18 | 0 | 0 | 18 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.73 | 95 | 0.00 | 0.01 | 100 | 16 | 0 | 0 | 17 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.71 | 95 | 0.00 | 0.01 | 100 | 15 | 0 | 0 | 15 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.70 | 95 | 0.00 | 0.01 | 100 | 14 | 0 | 0 | 14 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.69 | 95 | 0.00 | 0.01 | 100 | 13 | 0 | 0 | 13 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.68 | 95 | 0.00 | 0.01 | 100 | 12 | 0 | 0 | 12 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.66 | 95 | 0.00 | 0.01 | 100 | 11 | 0 | 0 | 12 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.65 | 95 | 0.00 | 0.01 | 100 | 10 | 0 | 0 | 11 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.64 | 95 | 0.00 | 0.01 | 100 | 10 | 0 | 0 | 10 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.63 | 95 | 0.00 | 0.01 | 100 | 9 | 0 | 0 | 10 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.61 | 95 | 0.00 | 0.01 | 100 | 9 | 0 | 0 | 9 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.60 | 95 | 0.00 | 0.01 | 100 | 9 | 0 | 0 | 9 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.59 | 95 | 0.00 | 0.00 | 100 | 8 | 0 | 0 | 9 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.58 | 95 | 0.00 | 0.00 | 100 | 8 | 0 | 0 | 8 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.56 | 95 | 0.00 | 0.00 | 100 | 8 | 0 | 0 | 8 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.55 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 8 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.54 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 8 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.53 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 8 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.51 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 8 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.50 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.49 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.48 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 800 | 12 |

DATA FILE 13 - ACRES PMF SSARR MODEL OUTPUT

FORM 1415-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | NL-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.46 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.45 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.44 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.43 | 95 | 0.00 | 0.00 | 100 | 7 | 0 | 0 | 7 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.41 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.40 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.39 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.38 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.36 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.35 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.34 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.33 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.31 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.30 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.29 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.28 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.26 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.25 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.24 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.23 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.21 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.20 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.19 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.18 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.16 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.15 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.14 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.13 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.11 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.10 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.09 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.08 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.06 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.05 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.04 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.03 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.01 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 7.00 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.99 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.98 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.96 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.95 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.94 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.93 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 23 |

FORM 1613

PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.91 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.90 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.89 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.88 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.86 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.85 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.84 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.83 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.81 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.80 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.79 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.78 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.76 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.75 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.74 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.73 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.71 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.70 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.69 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.68 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.66 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.65 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.64 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.63 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.61 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.60 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.59 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.58 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.56 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.55 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.54 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.53 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.51 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.50 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 31 |

FORM 1413

PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RO-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.05 | 6.49 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.48 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.46 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.45 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.43 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.42 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.40 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.39 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.37 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.36 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.34 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 0.3 | 5 | 0.01 | 0.00 | 0.06 | 6.33 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 1.0 | 9 | 0.02 | 0.00 | 0.06 | 6.31 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2800 | 100 | 1.0 | 9 | 0.02 | 0.00 | 0.06 | 6.30 | 95 | 0.00 | 0.00 | 100 | 6 | 0 | 0 | 7 | 800 | 4 |
| 4 | 1400 | 0.00 | 5 | 0.00 | 0.05 | 0 | 2800 | 100 | 2.1 | 17 | 0.04 | 0.01 | 0.06 | 6.28 | 95 | 0.01 | 0.00 | 100 | 7 | 0 | 0 | 7 | 1400 | 4 |
| 4 | 2000 | 0.00 | 5 | 0.00 | 0.05 | 0 | 2800 | 100 | 2.1 | 17 | 0.04 | 0.01 | 0.06 | 6.27 | 95 | 0.01 | 0.00 | 100 | 7 | 0 | 0 | 8 | 2000 | 4 |
| 5 | 200 | 0.00 | 17 | 0.00 | 0.07 | 0 | 2800 | 100 | 3.1 | 33 | 0.06 | 0.02 | 0.06 | 6.25 | 95 | 0.02 | 0.01 | 100 | 8 | 0 | 0 | 9 | 200 | 5 |
| 5 | 800 | 0.00 | 22 | 0.00 | 0.10 | 0 | 2800 | 100 | 3.4 | 39 | 0.07 | 0.03 | 0.06 | 6.24 | 95 | 0.03 | 0.01 | 100 | 11 | 0 | 0 | 12 | 800 | 5 |
| 5 | 1400 | 0.00 | 39 | 0.00 | 0.15 | 0 | 2800 | 100 | 4.3 | 62 | 0.09 | 0.05 | 0.06 | 6.23 | 95 | 0.05 | 0.02 | 100 | 17 | 0 | 0 | 17 | 1400 | 5 |
| 5 | 2000 | 0.00 | 62 | 0.00 | 0.24 | 0 | 2800 | 100 | 5.6 | 83 | 0.11 | 0.09 | 0.06 | 6.21 | 95 | 0.09 | 0.04 | 100 | 27 | 0 | 0 | 27 | 2000 | 5 |
| 6 | 200 | 0.00 | 69 | 0.00 | 0.34 | 0 | 2800 | 100 | 6.4 | 88 | 0.13 | 0.11 | 0.06 | 6.20 | 95 | 0.11 | 0.07 | 100 | 45 | 0 | 0 | 45 | 200 | 6 |
| 6 | 800 | 0.00 | 88 | 0.00 | 0.51 | 1 | 2800 | 100 | 8.8 | 97 | 0.18 | 0.17 | 0.06 | 6.19 | 95 | 0.16 | 0.10 | 100 | 75 | 0 | 0 | 76 | 800 | 6 |
| 6 | 1400 | 0.00 | 94 | 0.00 | 0.71 | 1 | 2800 | 100 | 10.6 | 99 | 0.21 | 0.21 | 0.06 | 6.19 | 95 | 0.20 | 0.14 | 99 | 124 | 0 | 0 | 125 | 1400 | 6 |
| 6 | 2000 | 0.00 | 98 | 0.00 | 0.94 | 1 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 6.18 | 95 | 0.24 | 0.19 | 99 | 197 | 1 | 0 | 199 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 1.24 | 1 | 2800 | 100 | 15.6 | 100 | 0.31 | 0.31 | 0.06 | 6.18 | 95 | 0.30 | 0.25 | 99 | 301 | 3 | 0 | 305 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 1.57 | 2 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.35 | 0.06 | 6.18 | 95 | 0.33 | 0.31 | 99 | 442 | 7 | 0 | 450 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 1.94 | 2 | 2800 | 100 | 19.6 | 100 | 0.39 | 0.39 | 0.06 | 6.18 | 95 | 0.37 | 0.38 | 98 | 627 | 12 | 0 | 641 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 2.31 | 2 | 2800 | 100 | 19.1 | 100 | 0.38 | 0.38 | 0.06 | 6.19 | 95 | 0.36 | 0.44 | 98 | 859 | 20 | 1 | 882 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 2.65 | 3 | 2800 | 100 | 18.4 | 100 | 0.37 | 0.37 | 0.06 | 6.19 | 95 | 0.35 | 0.50 | 98 | 1141 | 31 | 1 | 1175 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 3.00 | 3 | 2800 | 100 | 18.4 | 100 | 0.37 | 0.37 | 0.06 | 6.19 | 95 | 0.35 | 0.55 | 98 | 1469 | 45 | 2 | 1517 | 800 | 8 |
| 8 | 1400 | 0.02 | 100 | 0.02 | 3.34 | 3 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.37 | 0.06 | 6.20 | 95 | 0.35 | 0.60 | 97 | 1835 | 62 | 2 | 1901 | 1400 | 8 |
| 8 | 2000 | 0.02 | 100 | 0.04 | 3.67 | 4 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.37 | 0.06 | 6.20 | 95 | 0.35 | 0.65 | 97 | 2232 | 81 | 3 | 2318 | 2000 | 8 |
| 9 | 200 | 0.06 | 100 | 0.09 | 3.99 | 4 | 2800 | 100 | 17.1 | 100 | 0.34 | 0.40 | 0.06 | 6.21 | 95 | 0.38 | 0.70 | 97 | 2650 | 101 | 3 | 2756 | 200 | 9 |
| 9 | 800 | 0.06 | 100 | 0.15 | 4.32 | 4 | 2800 | 100 | 17.1 | 100 | 0.34 | 0.40 | 0.06 | 6.22 | 95 | 0.38 | 0.74 | 97 | 3078 | 123 | 4 | 3206 | 800 | 9 |
| 9 | 1400 | 0.06 | 100 | 0.21 | 4.63 | 5 | 2800 | 100 | 16.6 | 100 | 0.33 | 0.39 | 0.06 | 6.23 | 95 | 0.37 | 0.79 | 96 | 3510 | 145 | 4 | 3661 | 1400 | 9 |
| 9 | 2000 | 0.07 | 100 | 0.28 | 4.95 | 5 | 2800 | 100 | 16.6 | 100 | 0.33 | 0.40 | 0.06 | 6.24 | 95 | 0.38 | 0.83 | 96 | 3939 | 169 | 5 | 4114 | 2000 | 9 |
| 10 | 200 | 0.19 | 100 | 0.46 | 5.24 | 5 | 2800 | 100 | 15.8 | 100 | 0.32 | 0.50 | 0.06 | 6.25 | 95 | 0.48 | 0.89 | 96 | 4358 | 193 | 5 | 4558 | 200 | 10 |
| 10 | 800 | 0.20 | 100 | 0.64 | 5.54 | 6 | 2800 | 100 | 15.8 | 100 | 0.32 | 0.51 | 0.06 | 6.27 | 95 | 0.49 | 0.96 | 96 | 4767 | 218 | 6 | 4993 | 800 | 10 |
| 10 | 1400 | 0.20 | 100 | 0.83 | 5.84 | 6 | 2800 | 100 | 15.6 | 100 | 0.31 | 0.51 | 0.06 | 6.29 | 95 | 0.49 | 1.01 | 95 | 5166 | 247 | 7 | 5421 | 1400 | 10 |
| 10 | 2000 | 0.20 | 100 | 1.02 | 6.13 | 6 | 2800 | 100 | 15.6 | 100 | 0.31 | 0.51 | 0.06 | 6.31 | 95 | 0.49 | 1.07 | 95 | 5557 | 279 | 8 | 5845 | 2000 | 10 |
| 11 | 200 | 0.15 | 100 | 1.17 | 6.41 | 6 | 2800 | 100 | 14.8 | 100 | 0.30 | 0.44 | 0.06 | 6.33 | 95 | 0.42 | 1.10 | 95 | 5941 | 313 | 9 | 6265 | 200 | 11 |
| 11 | 800 | 0.15 | 100 | 1.31 | 6.69 | 7 | 2800 | 100 | 14.8 | 100 | 0.30 | 0.44 | 0.06 | 6.35 | 95 | 0.42 | 1.14 | 95 | 6318 | 348 | 10 | 6677 | 800 | 11 |
| 11 | 1400 | 0.22 | 100 | 1.52 | 6.97 | 7 | 2800 | 100 | 14.6 | 100 | 0.29 | 0.51 | 0.06 | 6.37 | 95 | 0.48 | 1.18 | 95 | 6681 | 381 | 10 | 7074 | 1400 | 11 |
| 11 | 2000 | 0.53 | 100 | 2.02 | 7.25 | 7 | 2800 | 100 | 14.6 | 100 | 0.29 | 0.82 | 0.06 | 6.39 | 95 | 0.78 | 1.30 | 95 | 7031 | 411 | 10 | 7454 | 2000 | 11 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310861 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, AREA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.18 | 98 | 2.19 | 7.49 | 8 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.43 | 0.06 | 6.43 | 95 | 0.41 | 1.32 | 95 | 7372 | 442 | 11 | 7826 | 200 | 12 |
| 12 | 800 | 0.18 | 97 | 2.35 | 7.70 | 8 | 2800 | 100 | 11.6 | 100 | 0.23 | 0.40 | 0.06 | 6.45 | 95 | 0.38 | 1.33 | 95 | 7707 | 472 | 12 | 8192 | 800 | 12 |
| 12 | 1400 | 0.24 | 94 | 2.57 | 7.90 | 8 | 2800 | 100 | 10.6 | 99 | 0.21 | 0.44 | 0.06 | 6.46 | 95 | 0.42 | 1.35 | 95 | 8032 | 498 | 12 | 8544 | 1400 | 12 |
| 12 | 2000 | 0.60 | 91 | 3.09 | 8.08 | 8 | 2800 | 100 | 9.7 | 98 | 0.19 | 0.74 | 0.06 | 6.48 | 95 | 0.70 | 1.43 | 95 | 8341 | 518 | 11 | 8871 | 2000 | 12 |
| 13 | 200 | 0.24 | 91 | 3.29 | 8.27 | 8 | 2800 | 100 | 9.7 | 98 | 0.19 | 0.41 | 0.06 | 6.52 | 95 | 0.39 | 1.44 | 95 | 8631 | 532 | 11 | 9176 | 200 | 13 |
| 13 | 800 | 0.24 | 91 | 3.50 | 8.45 | 9 | 2800 | 100 | 9.7 | 98 | 0.19 | 0.41 | 0.06 | 6.53 | 95 | 0.39 | 1.45 | 95 | 8902 | 543 | 11 | 9458 | 800 | 13 |
| 13 | 1400 | 0.32 | 91 | 3.78 | 8.63 | 9 | 2800 | 100 | 9.7 | 98 | 0.19 | 0.48 | 0.06 | 6.55 | 95 | 0.46 | 1.47 | 95 | 9150 | 550 | 11 | 9713 | 1400 | 13 |
| 13 | 2000 | 0.82 | 91 | 4.49 | 8.81 | 9 | 2800 | 100 | 9.7 | 98 | 0.19 | 0.94 | 0.06 | 6.57 | 95 | 0.89 | 1.59 | 95 | 9374 | 553 | 11 | 9940 | 2000 | 13 |
| 14 | 200 | 0.29 | 88 | 4.73 | 8.97 | 9 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.43 | 0.06 | 6.61 | 95 | 0.41 | 1.59 | 95 | 9580 | 559 | 11 | 10152 | 200 | 14 |
| 14 | 800 | 0.29 | 88 | 4.97 | 9.14 | 9 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.43 | 0.06 | 6.63 | 95 | 0.41 | 1.59 | 95 | 9777 | 568 | 12 | 10359 | 800 | 14 |
| 14 | 1400 | 0.39 | 88 | 5.30 | 9.30 | 9 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.52 | 0.06 | 6.65 | 95 | 0.49 | 1.62 | 95 | 9965 | 578 | 12 | 10556 | 1400 | 14 |
| 14 | 2000 | 0.98 | 88 | 6.12 | 9.47 | 10 | 2800 | 100 | 9.0 | 97 | 0.18 | 1.04 | 0.06 | 6.67 | 95 | 0.99 | 1.75 | 95 | 10143 | 585 | 12 | 10742 | 2000 | 14 |
| 15 | 200 | 0.49 | 92 | 6.55 | 9.65 | 10 | 2800 | 100 | 9.9 | 98 | 0.20 | 0.64 | 0.06 | 6.72 | 95 | 0.61 | 1.79 | 95 | 10319 | 596 | 13 | 10929 | 200 | 15 |
| 15 | 800 | 0.49 | 92 | 6.98 | 9.83 | 10 | 2800 | 100 | 9.9 | 98 | 0.20 | 0.64 | 0.06 | 6.75 | 95 | 0.61 | 1.83 | 95 | 10505 | 614 | 14 | 11135 | 800 | 15 |
| 15 | 1400 | 0.65 | 92 | 7.54 | 10.02 | 10 | 2800 | 100 | 9.9 | 98 | 0.20 | 0.79 | 0.06 | 6.78 | 95 | 0.75 | 1.90 | 95 | 10709 | 636 | 15 | 11362 | 1400 | 15 |
| 15 | 2000 | 1.63 | 92 | 8.96 | 10.20 | 10 | 2800 | 100 | 9.9 | 98 | 0.20 | 1.69 | 0.06 | 6.82 | 95 | 1.60 | 2.16 | 95 | 10939 | 664 | 16 | 11621 | 2000 | 15 |
| 16 | 200 | 0.89 | 88 | 9.70 | 10.36 | 10 | 2800 | 100 | 8.8 | 97 | 0.18 | 0.95 | 0.06 | 6.90 | 95 | 0.90 | 2.25 | 95 | 11217 | 704 | 18 | 11941 | 200 | 16 |
| 16 | 800 | 0.37 | 76 | 9.97 | 10.49 | 11 | 2800 | 100 | 7.1 | 91 | 0.14 | 0.41 | 0.06 | 6.94 | 95 | 0.39 | 2.21 | 95 | 11562 | 758 | 21 | 12342 | 800 | 16 |
| 16 | 1400 | 0.26 | 76 | 10.16 | 10.61 | 11 | 2800 | 100 | 7.1 | 91 | 0.14 | 0.33 | 0.06 | 6.96 | 95 | 0.31 | 2.15 | 95 | 11965 | 812 | 21 | 12800 | 1400 | 16 |
| 16 | 2000 | 0.26 | 83 | 10.36 | 10.75 | 11 | 2800 | 100 | 7.9 | 94 | 0.16 | 0.37 | 0.06 | 6.97 | 95 | 0.35 | 2.11 | 95 | 12391 | 845 | 18 | 13257 | 2000 | 16 |
| 17 | 200 | 0.61 | 85 | 10.86 | 10.90 | 11 | 2800 | 100 | 8.1 | 95 | 0.16 | 0.67 | 0.06 | 6.99 | 95 | 0.64 | 2.13 | 95 | 12797 | 850 | 15 | 13663 | 200 | 17 |
| 17 | 800 | 0.25 | 85 | 11.06 | 11.04 | 11 | 2800 | 100 | 8.1 | 95 | 0.16 | 0.37 | 0.06 | 7.02 | 95 | 0.35 | 2.09 | 95 | 13148 | 831 | 13 | 13994 | 800 | 17 |
| 17 | 1400 | 0.18 | 85 | 11.20 | 11.19 | 11 | 2800 | 100 | 8.1 | 95 | 0.16 | 0.31 | 0.06 | 7.03 | 95 | 0.29 | 2.03 | 95 | 13426 | 797 | 11 | 14236 | 1400 | 17 |
| 17 | 2000 | 0.18 | 85 | 11.35 | 11.34 | 11 | 2800 | 100 | 8.1 | 95 | 0.16 | 0.31 | 0.06 | 7.04 | 95 | 0.29 | 1.98 | 95 | 13615 | 753 | 10 | 14380 | 2000 | 17 |
| 18 | 200 | 0.00 | 88 | 11.35 | 11.50 | 12 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.17 | 0.06 | 7.06 | 95 | 0.16 | 1.91 | 95 | 13705 | 702 | 9 | 14417 | 200 | 18 |
| 18 | 800 | 0.00 | 88 | 11.35 | 11.67 | 12 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.17 | 0.06 | 7.05 | 95 | 0.16 | 1.83 | 95 | 13688 | 646 | 8 | 14343 | 800 | 18 |
| 18 | 1400 | 0.00 | 88 | 11.35 | 11.83 | 12 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.17 | 0.06 | 7.04 | 95 | 0.16 | 1.77 | 95 | 13562 | 587 | 6 | 14157 | 1400 | 18 |
| 18 | 2000 | 0.00 | 88 | 11.35 | 12.00 | 12 | 2800 | 100 | 9.0 | 97 | 0.18 | 0.17 | 0.06 | 7.04 | 95 | 0.16 | 1.70 | 95 | 13331 | 527 | 5 | 13865 | 2000 | 18 |
| 19 | 200 | 0.00 | 97 | 11.35 | 12.22 | 12 | 2800 | 100 | 11.6 | 100 | 0.23 | 0.23 | 0.06 | 7.03 | 95 | 0.22 | 1.65 | 95 | 13004 | 469 | 4 | 13480 | 200 | 19 |
| 19 | 800 | 0.00 | 99 | 11.35 | 12.47 | 13 | 2800 | 100 | 13.6 | 100 | 0.27 | 0.27 | 0.06 | 7.03 | 95 | 0.26 | 1.62 | 95 | 12597 | 417 | 4 | 13019 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 11.35 | 12.77 | 13 | 2800 | 100 | 15.6 | 100 | 0.31 | 0.31 | 0.06 | 7.02 | 95 | 0.30 | 1.59 | 95 | 12128 | 374 | 4 | 12508 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 11.35 | 13.11 | 13 | 2800 | 100 | 17.8 | 100 | 0.36 | 0.35 | 0.06 | 7.02 | 95 | 0.34 | 1.58 | 95 | 11622 | 342 | 5 | 11970 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 11.35 | 13.46 | 14 | 2800 | 100 | 18.8 | 100 | 0.38 | 0.37 | 0.06 | 7.03 | 95 | 0.36 | 1.57 | 95 | 11103 | 321 | 5 | 11432 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 11.35 | 13.82 | 14 | 2800 | 100 | 18.8 | 100 | 0.38 | 0.37 | 0.06 | 7.03 | 95 | 0.36 | 1.56 | 95 | 10593 | 312 | 6 | 10913 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 11.35 | 14.17 | 14 | 2800 | 100 | 18.8 | 100 | 0.38 | 0.37 | 0.06 | 7.03 | 95 | 0.36 | 1.55 | 95 | 10111 | 313 | 7 | 10432 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 11.35 | 14.53 | 15 | 2800 | 100 | 18.8 | 100 | 0.38 | 0.37 | 0.06 | 7.04 | 95 | 0.36 | 1.54 | 95 | 9670 | 320 | 7 | 9999 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 11.35 | 14.96 | 15 | 2800 | 100 | 22.6 | 100 | 0.45 | 0.45 | 0.06 | 7.04 | 95 | 0.43 | 1.55 | 95 | 9278 | 332 | 8 | 9619 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 11.35 | 15.39 | 16 | 2800 | 100 | 22.6 | 100 | 0.45 | 0.45 | 0.06 | 7.05 | 95 | 0.43 | 1.56 | 95 | 8942 | 346 | 8 | 9297 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 11.35 | 15.81 | 16 | 2800 | 100 | 22.6 | 100 | 0.45 | 0.45 | 0.06 | 7.06 | 95 | 0.43 | 1.57 | 95 | 8665 | 362 | 8 | 9037 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 11.35 | 16.24 | 16 | 2800 | 100 | 22.6 | 100 | 0.45 | 0.45 | 0.06 | 7.06 | 95 | 0.43 | 1.58 | 95 | 8448 | 381 | 9 | 8839 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 11.35 | 16.71 | 17 | 2800 | 100 | 24.6 | 100 | 0.49 | 0.49 | 0.06 | 7.07 | 95 | 0.47 | 1.60 | 95 | 8291 | 399 | 9 | 8701 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 11.35 | 17.18 | 17 | 2800 | 100 | 24.6 | 100 | 0.49 | 0.49 | 0.06 | 7.08 | 95 | 0.47 | 1.61 | 95 | 8189 | 418 | 10 | 8618 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 11.35 | 17.64 | 18 | 2800 | 100 | 24.6 | 100 | 0.49 | 0.49 | 0.06 | 7.09 | 95 | 0.47 | 1.63 | 95 | 8139 | 436 | 10 | 8586 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 11.35 | 18.11 | 18 | 2800 | 100 | 24.6 | 100 | 0.49 | 0.49 | 0.06 | 7.10 | 95 | 0.47 | 1.64 | 95 | 8136 | 453 | 10 | 8601 | 2000 | 22 |

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

BASIN RESULTS - STATION 1.0 SUSITNA GLACIER

RUN DATE RUN NO. 310881 | INITIAL DATE, HOUR 1 MAY 1972 1400 | JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF | N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.080 IN./DEGREE-DAY, REA = 221.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 11.35 | 18.56 | 19 | 2800 | 100 | 23.6 | 100 | 0.47 | 0.47 | 0.06 | 7.11 | 95 | 0.45 | 1.65 | 95 | 8174 | 469 | 10 | 8654 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 11.35 | 19.00 | 19 | 2800 | 100 | 23.6 | 100 | 0.47 | 0.47 | 0.06 | 7.12 | 95 | 0.45 | 1.66 | 95 | 8245 | 483 | 10 | 8740 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 11.35 | 19.45 | 20 | 2800 | 100 | 23.6 | 100 | 0.47 | 0.47 | 0.06 | 7.13 | 95 | 0.45 | 1.67 | 95 | 8342 | 495 | 10 | 8848 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 11.35 | 19.90 | 20 | 2800 | 100 | 23.6 | 100 | 0.47 | 0.47 | 0.06 | 7.13 | 95 | 0.45 | 1.67 | 95 | 8457 | 504 | 10 | 8972 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 11.35 | 20.23 | 20 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.35 | 0.06 | 7.14 | 95 | 0.33 | 1.65 | 95 | 8582 | 510 | 10 | 9103 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 11.35 | 20.56 | 21 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.35 | 0.06 | 7.14 | 95 | 0.33 | 1.63 | 95 | 8708 | 512 | 10 | 9232 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 11.35 | 20.90 | 21 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.35 | 0.06 | 7.15 | 95 | 0.33 | 1.62 | 95 | 8826 | 509 | 9 | 9346 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 11.35 | 21.23 | 21 | 2800 | 100 | 17.6 | 100 | 0.35 | 0.35 | 0.06 | 7.15 | 95 | 0.33 | 1.60 | 95 | 8925 | 501 | 9 | 9436 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 11.35 | 21.51 | 22 | 2800 | 100 | 14.6 | 100 | 0.29 | 0.29 | 0.06 | 7.15 | 95 | 0.28 | 1.57 | 95 | 8999 | 488 | 8 | 9497 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 11.35 | 21.78 | 22 | 2800 | 100 | 14.6 | 100 | 0.29 | 0.29 | 0.06 | 7.15 | 95 | 0.28 | 1.54 | 95 | 9043 | 473 | 8 | 9525 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 11.35 | 22.06 | 22 | 2800 | 100 | 14.6 | 100 | 0.29 | 0.29 | 0.06 | 7.15 | 95 | 0.28 | 1.52 | 95 | 9054 | 456 | 7 | 9518 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 11.35 | 22.34 | 23 | 2800 | 100 | 14.6 | 100 | 0.29 | 0.29 | 0.06 | 7.15 | 95 | 0.28 | 1.49 | 95 | 9029 | 437 | 7 | 9474 | 2000 | 25 |
| 26 | 200 | 0.00 | 99 | 11.35 | 22.59 | 23 | 2800 | 100 | 13.6 | 100 | 0.27 | 0.27 | 0.06 | 7.15 | 95 | 0.26 | 1.47 | 95 | 8971 | 418 | 6 | 9397 | 200 | 26 |
| 26 | 800 | 0.00 | 99 | 11.35 | 22.85 | 23 | 2800 | 100 | 13.6 | 100 | 0.27 | 0.27 | 0.06 | 7.15 | 95 | 0.26 | 1.44 | 95 | 8882 | 400 | 6 | 9289 | 800 | 26 |
| 26 | 1400 | 0.00 | 99 | 11.35 | 23.11 | 23 | 2800 | 100 | 13.6 | 100 | 0.27 | 0.27 | 0.06 | 7.15 | 95 | 0.26 | 1.42 | 95 | 8765 | 383 | 6 | 9155 | 1400 | 26 |
| 26 | 2000 | 0.00 | 99 | 11.35 | 23.37 | 24 | 2800 | 100 | 13.6 | 100 | 0.27 | 0.27 | 0.06 | 7.14 | 95 | 0.26 | 1.40 | 95 | 8625 | 367 | 6 | 9000 | 2000 | 26 |
| 27 | 200 | 0.00 | 98 | 11.35 | 23.60 | 24 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.14 | 95 | 0.24 | 1.37 | 95 | 8466 | 354 | 6 | 8827 | 200 | 27 |
| 27 | 800 | 0.00 | 98 | 11.35 | 23.84 | 24 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.14 | 95 | 0.24 | 1.35 | 95 | 8294 | 342 | 6 | 8642 | 800 | 27 |
| 27 | 1400 | 0.00 | 98 | 11.35 | 24.08 | 24 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.14 | 95 | 0.24 | 1.32 | 95 | 8111 | 331 | 6 | 8449 | 1400 | 27 |
| 27 | 2000 | 0.00 | 98 | 11.35 | 24.32 | 25 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.14 | 95 | 0.24 | 1.30 | 95 | 7922 | 321 | 5 | 8250 | 2000 | 27 |
| 28 | 200 | 0.00 | 98 | 11.35 | 24.56 | 25 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.13 | 95 | 0.24 | 1.28 | 95 | 7731 | 313 | 5 | 8050 | 200 | 28 |
| 28 | 800 | 0.00 | 98 | 11.35 | 24.80 | 25 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.13 | 95 | 0.24 | 1.26 | 95 | 7539 | 305 | 5 | 7851 | 800 | 28 |
| 28 | 1400 | 0.00 | 98 | 11.35 | 25.03 | 25 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.13 | 95 | 0.24 | 1.24 | 95 | 7351 | 299 | 5 | 7657 | 1400 | 28 |
| 28 | 2000 | 0.00 | 98 | 11.35 | 25.27 | 26 | 2800 | 100 | 12.6 | 100 | 0.25 | 0.25 | 0.06 | 7.13 | 95 | 0.24 | 1.23 | 95 | 7168 | 294 | 5 | 7469 | 2000 | 28 |
| 29 | 200 | 0.00 | 97 | 11.35 | 25.49 | 26 | 2800 | 100 | 11.6 | 100 | 0.23 | 0.23 | 0.06 | 7.12 | 95 | 0.22 | 1.21 | 95 | 6993 | 290 | 5 | 7289 | 200 | 29 |
| 29 | 800 | 0.00 | 97 | 11.35 | 25.71 | 26 | 2800 | 100 | 11.6 | 100 | 0.23 | 0.23 | 0.06 | 7.12 | 95 | 0.22 | 1.19 | 95 | 6826 | 286 | 5 | 7119 | 800 | 29 |
| 29 | 1400 | 0.00 | 97 | 11.35 | 25.93 | 26 | 2800 | 100 | 11.6 | 100 | 0.23 | 0.23 | 0.06 | 7.12 | 95 | 0.22 | 1.17 | 95 | 6668 | 283 | 5 | 6957 | 1400 | 29 |
| 29 | 2000 | 0.00 | 97 | 11.35 | 26.15 | 26 | 2800 | 100 | 11.6 | 100 | 0.23 | 0.23 | 0.06 | 7.11 | 95 | 0.22 | 1.15 | 95 | 6518 | 279 | 5 | 6804 | 2000 | 29 |
| 30 | 200 | 0.00 | 94 | 11.35 | 26.35 | 27 | 2800 | 100 | 10.6 | 99 | 0.21 | 0.21 | 0.06 | 7.11 | 95 | 0.20 | 1.13 | 95 | 6377 | 276 | 5 | 6659 | 200 | 30 |
| 30 | 800 | 0.00 | 94 | 11.35 | 26.55 | 27 | 2800 | 100 | 10.6 | 99 | 0.21 | 0.21 | 0.06 | 7.10 | 95 | 0.20 | 1.11 | 95 | 6243 | 272 | 5 | 6521 | 800 | 30 |
| 30 | 1400 | 0.00 | 94 | 11.35 | 26.75 | 27 | 2800 | 100 | 10.6 | 99 | 0.21 | 0.21 | 0.06 | 7.10 | 95 | 0.20 | 1.09 | 95 | 6115 | 267 | 5 | 6388 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.010 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 4.00 | 0 | 0.00 | 0.03 | 0 | 60 | 50 | 10 | 120 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.9 | 28 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.03 | 49 | 60 | 49 | 9 | 120 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.9 | 28 | 0.01 | 0.00 | 0.09 | 3.98 | 32 | 0.00 | 0.03 | 49 | 60 | 49 | 9 | 119 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.9 | 28 | 0.01 | 0.00 | 0.09 | 3.96 | 32 | 0.00 | 0.03 | 49 | 60 | 49 | 8 | 118 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2440 | 100 | 0.9 | 28 | 0.02 | 0.01 | 0.09 | 3.94 | 31 | 0.00 | 0.02 | 49 | 60 | 48 | 6 | 116 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2440 | 100 | 0.9 | 28 | 0.02 | 0.01 | 0.09 | 3.92 | 31 | 0.00 | 0.02 | 49 | 59 | 48 | 5 | 114 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2440 | 100 | 0.9 | 28 | 0.03 | 0.01 | 0.09 | 3.90 | 31 | 0.00 | 0.02 | 49 | 59 | 47 | 4 | 112 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2441 | 100 | 0.9 | 28 | 0.03 | 0.01 | 0.09 | 3.88 | 31 | 0.00 | 0.02 | 49 | 59 | 47 | 4 | 111 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2441 | 100 | 0.9 | 28 | 0.03 | 0.01 | 0.09 | 3.87 | 31 | 0.00 | 0.02 | 49 | 59 | 47 | 3 | 111 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2441 | 100 | 0.9 | 28 | 0.04 | 0.01 | 0.09 | 3.85 | 31 | 0.00 | 0.02 | 49 | 59 | 48 | 4 | 112 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2441 | 100 | 0.9 | 28 | 0.04 | 0.01 | 0.09 | 3.84 | 31 | 0.00 | 0.02 | 49 | 59 | 49 | 4 | 114 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2441 | 100 | 0.9 | 28 | 0.04 | 0.01 | 0.09 | 3.82 | 31 | 0.00 | 0.02 | 49 | 59 | 51 | 4 | 117 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2442 | 100 | 0.9 | 28 | 0.05 | 0.01 | 0.09 | 3.81 | 30 | 0.00 | 0.02 | 49 | 59 | 55 | 5 | 120 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2442 | 100 | 0.9 | 28 | 0.05 | 0.01 | 0.09 | 3.79 | 30 | 0.00 | 0.02 | 49 | 59 | 59 | 5 | 125 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2442 | 100 | 0.9 | 28 | 0.05 | 0.01 | 0.09 | 3.78 | 30 | 0.00 | 0.02 | 49 | 59 | 63 | 6 | 130 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2442 | 100 | 0.9 | 28 | 0.05 | 0.01 | 0.09 | 3.77 | 30 | 0.00 | 0.02 | 49 | 59 | 69 | 6 | 136 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2443 | 100 | 0.9 | 28 | 0.05 | 0.01 | 0.09 | 3.75 | 30 | 0.00 | 0.02 | 49 | 59 | 75 | 6 | 142 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2443 | 100 | 0.9 | 28 | 0.06 | 0.02 | 0.09 | 3.74 | 30 | 0.00 | 0.02 | 49 | 59 | 81 | 7 | 149 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2443 | 100 | 0.9 | 28 | 0.06 | 0.02 | 0.09 | 3.73 | 30 | 0.00 | 0.02 | 49 | 59 | 87 | 7 | 156 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2443 | 100 | 0.9 | 28 | 0.06 | 0.02 | 0.09 | 3.72 | 30 | 0.00 | 0.02 | 49 | 59 | 94 | 7 | 162 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2444 | 100 | 0.9 | 28 | 0.06 | 0.02 | 0.09 | 3.71 | 30 | 0.00 | 0.02 | 49 | 59 | 101 | 8 | 169 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2444 | 100 | 0.9 | 28 | 0.06 | 0.02 | 0.09 | 3.70 | 30 | 0.00 | 0.02 | 49 | 59 | 107 | 8 | 176 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2444 | 100 | 0.9 | 27 | 0.06 | 0.02 | 0.09 | 3.69 | 29 | 0.01 | 0.02 | 49 | 60 | 114 | 8 | 183 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2445 | 100 | 0.9 | 27 | 0.06 | 0.02 | 0.09 | 3.68 | 29 | 0.01 | 0.02 | 49 | 60 | 120 | 8 | 190 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2445 | 100 | 0.9 | 27 | 0.06 | 0.02 | 0.09 | 3.67 | 29 | 0.01 | 0.02 | 49 | 60 | 126 | 9 | 196 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2445 | 100 | 0.9 | 27 | 0.06 | 0.02 | 0.09 | 3.66 | 29 | 0.01 | 0.02 | 49 | 60 | 132 | 9 | 202 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2446 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.65 | 29 | 0.01 | 0.02 | 49 | 60 | 138 | 9 | 207 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2446 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.64 | 29 | 0.01 | 0.02 | 49 | 60 | 143 | 9 | 213 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2446 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.63 | 29 | 0.01 | 0.02 | 49 | 60 | 148 | 9 | 218 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2447 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.62 | 29 | 0.01 | 0.02 | 49 | 60 | 152 | 9 | 223 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2447 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.61 | 29 | 0.01 | 0.02 | 49 | 60 | 157 | 9 | 227 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2447 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.60 | 29 | 0.01 | 0.02 | 49 | 60 | 160 | 9 | 231 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2448 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.59 | 29 | 0.01 | 0.02 | 49 | 60 | 164 | 9 | 235 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2448 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.58 | 29 | 0.01 | 0.02 | 49 | 60 | 167 | 9 | 238 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2448 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.57 | 29 | 0.01 | 0.02 | 49 | 60 | 170 | 9 | 241 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2449 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.56 | 28 | 0.01 | 0.02 | 49 | 60 | 173 | 10 | 244 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2449 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.55 | 28 | 0.01 | 0.02 | 49 | 60 | 175 | 10 | 246 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2449 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.54 | 28 | 0.01 | 0.02 | 49 | 60 | 178 | 10 | 249 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2450 | 100 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.53 | 28 | 0.01 | 0.02 | 49 | 60 | 180 | 10 | 251 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2450 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.53 | 28 | 0.01 | 0.02 | 49 | 60 | 181 | 10 | 253 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2450 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.52 | 28 | 0.01 | 0.02 | 49 | 60 | 183 | 10 | 254 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.18 | 0 | 2451 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.51 | 28 | 0.01 | 0.02 | 49 | 60 | 184 | 10 | 256 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.18 | 0 | 2451 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.50 | 28 | 0.01 | 0.02 | 49 | 61 | 186 | 10 | 257 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.19 | 0 | 2451 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.49 | 28 | 0.01 | 0.02 | 49 | 61 | 187 | 10 | 258 | 800 | 12 |



FORM 1611-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. 310881 | INITIAL DATE, HOUR 1 MAY 1972 1400 | JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF | N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.313 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.19 | 0 | 2452 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.48 | 28 | 0.01 | 0.02 | 49 | 61 | 188 | 10 | 259 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.20 | 0 | 2452 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.47 | 28 | 0.01 | 0.02 | 49 | 61 | 188 | 10 | 260 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.20 | 0 | 2452 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.47 | 28 | 0.01 | 0.02 | 49 | 61 | 189 | 10 | 261 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.21 | 0 | 2453 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.46 | 28 | 0.01 | 0.02 | 49 | 61 | 189 | 10 | 262 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.21 | 0 | 2453 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.45 | 28 | 0.01 | 0.02 | 49 | 62 | 190 | 10 | 263 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.22 | 0 | 2453 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.44 | 28 | 0.01 | 0.02 | 49 | 62 | 190 | 10 | 263 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.22 | 0 | 2454 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.43 | 27 | 0.01 | 0.02 | 49 | 62 | 190 | 10 | 264 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.23 | 0 | 2454 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.42 | 27 | 0.01 | 0.02 | 49 | 62 | 191 | 10 | 264 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.23 | 0 | 2454 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.41 | 27 | 0.01 | 0.02 | 49 | 63 | 191 | 10 | 264 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.24 | 0 | 2455 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.41 | 27 | 0.01 | 0.02 | 49 | 63 | 191 | 10 | 265 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.24 | 0 | 2455 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.40 | 27 | 0.01 | 0.02 | 49 | 63 | 191 | 9 | 265 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.25 | 0 | 2455 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.39 | 27 | 0.01 | 0.02 | 49 | 63 | 191 | 9 | 265 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.25 | 0 | 2456 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.38 | 27 | 0.01 | 0.02 | 49 | 64 | 190 | 9 | 265 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.26 | 0 | 2456 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.37 | 27 | 0.01 | 0.02 | 49 | 64 | 190 | 9 | 265 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.26 | 0 | 2456 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.36 | 27 | 0.01 | 0.02 | 49 | 64 | 190 | 9 | 265 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.27 | 0 | 2457 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.36 | 27 | 0.01 | 0.02 | 49 | 65 | 190 | 9 | 265 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.27 | 0 | 2457 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.35 | 27 | 0.01 | 0.02 | 49 | 65 | 189 | 9 | 266 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.28 | 0 | 2457 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.34 | 27 | 0.01 | 0.02 | 49 | 66 | 189 | 9 | 266 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.29 | 0 | 2457 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.33 | 27 | 0.01 | 0.02 | 49 | 66 | 189 | 9 | 266 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.29 | 0 | 2458 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.32 | 27 | 0.01 | 0.02 | 49 | 67 | 188 | 9 | 266 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.30 | 0 | 2458 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.31 | 27 | 0.01 | 0.02 | 49 | 67 | 188 | 9 | 266 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.30 | 0 | 2458 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.31 | 26 | 0.01 | 0.02 | 49 | 67 | 187 | 9 | 266 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.31 | 0 | 2459 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.30 | 26 | 0.01 | 0.02 | 49 | 68 | 187 | 9 | 266 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.31 | 0 | 2459 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.29 | 26 | 0.01 | 0.02 | 49 | 68 | 187 | 9 | 266 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.32 | 0 | 2459 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.28 | 26 | 0.00 | 0.02 | 49 | 69 | 186 | 9 | 266 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.32 | 0 | 2460 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.27 | 26 | 0.00 | 0.02 | 49 | 70 | 186 | 9 | 266 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.33 | 0 | 2460 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.26 | 26 | 0.00 | 0.02 | 49 | 70 | 185 | 9 | 266 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.33 | 0 | 2460 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.26 | 26 | 0.00 | 0.02 | 49 | 71 | 184 | 9 | 266 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.34 | 0 | 2461 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.25 | 26 | 0.00 | 0.02 | 49 | 71 | 184 | 9 | 266 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.34 | 0 | 2461 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.24 | 26 | 0.00 | 0.02 | 49 | 72 | 183 | 9 | 266 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.35 | 0 | 2461 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.23 | 26 | 0.00 | 0.02 | 49 | 73 | 183 | 9 | 266 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.35 | 0 | 2462 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.22 | 26 | 0.00 | 0.02 | 49 | 73 | 182 | 9 | 266 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.35 | 0 | 2462 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.21 | 26 | 0.00 | 0.02 | 49 | 74 | 182 | 9 | 266 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.36 | 0 | 2462 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.21 | 26 | 0.00 | 0.02 | 49 | 75 | 181 | 9 | 266 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.36 | 0 | 2462 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.20 | 26 | 0.00 | 0.02 | 49 | 75 | 180 | 9 | 266 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.37 | 0 | 2463 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.19 | 26 | 0.00 | 0.02 | 49 | 76 | 180 | 9 | 266 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.37 | 0 | 2463 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.18 | 25 | 0.00 | 0.02 | 49 | 77 | 179 | 9 | 266 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.38 | 0 | 2463 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.17 | 25 | 0.00 | 0.02 | 49 | 78 | 179 | 9 | 266 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.38 | 0 | 2464 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.16 | 25 | 0.00 | 0.02 | 49 | 78 | 178 | 9 | 266 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.39 | 0 | 2464 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.16 | 25 | 0.00 | 0.02 | 49 | 79 | 177 | 9 | 267 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 0 | 2464 | 99 | 0.9 | 27 | 0.07 | 0.02 | 0.09 | 3.15 | 25 | 0.00 | 0.02 | 49 | 80 | 177 | 9 | 267 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.40 | 0 | 2465 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.14 | 25 | 0.00 | 0.02 | 49 | 81 | 176 | 9 | 267 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.40 | 0 | 2465 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.13 | 25 | 0.00 | 0.02 | 49 | 82 | 176 | 9 | 267 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2465 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.12 | 25 | 0.00 | 0.02 | 49 | 82 | 175 | 8 | 267 | 800 | 23 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
510881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2465 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.11 | 25 | 0.00 | 0.02 | 49 | 83 | 174 | 8 | 267 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2466 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.11 | 25 | 0.00 | 0.02 | 49 | 84 | 174 | 8 | 268 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2466 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.10 | 25 | 0.00 | 0.02 | 49 | 85 | 173 | 8 | 268 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.43 | 1 | 2466 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.09 | 25 | 0.00 | 0.02 | 49 | 86 | 172 | 8 | 268 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.43 | 1 | 2467 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.08 | 25 | 0.00 | 0.02 | 49 | 87 | 172 | 8 | 268 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.43 | 1 | 2467 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.07 | 25 | 0.00 | 0.02 | 49 | 88 | 171 | 8 | 268 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.44 | 1 | 2467 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.06 | 25 | 0.00 | 0.02 | 49 | 88 | 171 | 8 | 269 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.44 | 1 | 2467 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.06 | 24 | 0.00 | 0.02 | 49 | 89 | 170 | 8 | 269 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.45 | 1 | 2468 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.05 | 24 | 0.00 | 0.02 | 49 | 90 | 169 | 8 | 269 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.45 | 1 | 2468 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.04 | 24 | 0.00 | 0.02 | 49 | 91 | 169 | 8 | 269 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.46 | 1 | 2468 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.03 | 24 | 0.00 | 0.02 | 49 | 92 | 168 | 8 | 270 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.46 | 1 | 2469 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.02 | 24 | 0.00 | 0.02 | 49 | 93 | 167 | 8 | 270 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.47 | 1 | 2469 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.01 | 24 | 0.00 | 0.02 | 49 | 94 | 167 | 8 | 270 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.47 | 1 | 2469 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.01 | 24 | 0.00 | 0.02 | 49 | 95 | 166 | 8 | 271 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.47 | 1 | 2469 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 3.00 | 24 | 0.00 | 0.02 | 49 | 96 | 166 | 8 | 271 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.48 | 1 | 2470 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.99 | 24 | 0.00 | 0.02 | 49 | 97 | 165 | 8 | 271 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.48 | 1 | 2470 | 99 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.98 | 24 | 0.00 | 0.02 | 49 | 98 | 164 | 8 | 271 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.49 | 1 | 2470 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.97 | 24 | 0.00 | 0.02 | 49 | 99 | 164 | 8 | 272 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.49 | 1 | 2470 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.96 | 24 | 0.00 | 0.02 | 49 | 100 | 163 | 8 | 272 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.50 | 1 | 2471 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.96 | 24 | 0.00 | 0.02 | 49 | 101 | 162 | 8 | 272 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.50 | 1 | 2471 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.95 | 24 | 0.00 | 0.02 | 49 | 102 | 162 | 8 | 273 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.51 | 1 | 2471 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.94 | 24 | 0.00 | 0.02 | 49 | 103 | 161 | 8 | 273 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.51 | 1 | 2472 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.93 | 23 | 0.00 | 0.02 | 49 | 103 | 161 | 8 | 273 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.51 | 1 | 2472 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.92 | 23 | 0.00 | 0.02 | 49 | 104 | 160 | 8 | 274 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.52 | 1 | 2472 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.91 | 23 | 0.00 | 0.02 | 49 | 105 | 159 | 8 | 274 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.52 | 1 | 2472 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.91 | 23 | 0.00 | 0.02 | 49 | 106 | 159 | 8 | 274 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.53 | 1 | 2473 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.90 | 23 | 0.00 | 0.02 | 49 | 107 | 158 | 8 | 275 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.53 | 1 | 2473 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.89 | 23 | 0.00 | 0.02 | 49 | 108 | 158 | 8 | 275 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.53 | 1 | 2473 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.88 | 23 | 0.00 | 0.02 | 49 | 109 | 157 | 8 | 275 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.54 | 1 | 2473 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.87 | 23 | 0.00 | 0.02 | 49 | 110 | 156 | 8 | 275 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.54 | 1 | 2474 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.87 | 23 | 0.00 | 0.02 | 49 | 111 | 156 | 7 | 276 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.55 | 1 | 2474 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.86 | 23 | 0.00 | 0.02 | 49 | 112 | 155 | 7 | 276 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.55 | 1 | 2474 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.85 | 23 | 0.00 | 0.02 | 49 | 113 | 155 | 7 | 276 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.56 | 1 | 2474 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.84 | 23 | 0.00 | 0.02 | 49 | 114 | 154 | 7 | 277 | 2000 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.56 | 1 | 2475 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.83 | 23 | 0.00 | 0.02 | 49 | 115 | 153 | 7 | 277 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.56 | 1 | 2475 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.82 | 23 | 0.00 | 0.02 | 49 | 116 | 153 | 7 | 277 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.57 | 1 | 2475 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.82 | 23 | 0.00 | 0.02 | 49 | 117 | 152 | 7 | 277 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.57 | 1 | 2475 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.81 | 22 | 0.00 | 0.02 | 49 | 117 | 152 | 7 | 278 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.58 | 1 | 2476 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.80 | 22 | 0.00 | 0.02 | 49 | 118 | 151 | 7 | 278 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.58 | 1 | 2476 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.79 | 22 | 0.00 | 0.02 | 49 | 119 | 150 | 7 | 278 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.58 | 1 | 2476 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.78 | 22 | 0.00 | 0.02 | 49 | 120 | 150 | 7 | 279 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.59 | 1 | 2476 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.77 | 22 | 0.00 | 0.02 | 49 | 121 | 149 | 7 | 279 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.59 | 1 | 2477 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.77 | 22 | 0.00 | 0.02 | 49 | 122 | 149 | 7 | 279 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.60 | 1 | 2477 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.76 | 22 | 0.00 | 0.02 | 49 | 123 | 148 | 7 | 279 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.60 | 1 | 2477 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.75 | 22 | 0.00 | 0.02 | 49 | 124 | 147 | 7 | 279 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.60 | 1 | 2477 | 98 | 0.9 | 26 | 0.07 | 0.02 | 0.09 | 2.74 | 22 | 0.00 | 0.02 | 49 | 124 | 147 | 7 | 280 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.61 | 1 | 2478 | 98 | 1.6 | 34 | 0.13 | 0.04 | 0.09 | 2.73 | 22 | 0.01 | 0.02 | 49 | 125 | 146 | 7 | 280 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.62 | 1 | 2478 | 98 | 1.6 | 34 | 0.13 | 0.04 | 0.09 | 2.74 | 22 | 0.01 | 0.02 | 49 | 126 | 147 | 8 | 282 | 800 | 4 |
| 4 | 1400 | 0.00 | 28 | 0.00 | 0.65 | 1 | 2479 | 98 | 3.1 | 49 | 0.25 | 0.12 | 0.09 | 2.76 | 22 | 0.03 | 0.02 | 49 | 127 | 148 | 9 | 286 | 1400 | 4 |
| 4 | 2000 | 0.00 | 28 | 0.00 | 0.68 | 1 | 2480 | 98 | 3.1 | 49 | 0.25 | 0.12 | 0.09 | 2.83 | 23 | 0.03 | 0.03 | 49 | 128 | 154 | 13 | 295 | 2000 | 4 |
| 5 | 200 | 0.00 | 51 | 0.00 | 0.74 | 1 | 2482 | 98 | 4.5 | 74 | 0.36 | 0.27 | 0.09 | 2.90 | 23 | 0.06 | 0.04 | 49 | 128 | 166 | 19 | 315 | 200 | 5 |
| 5 | 800 | 0.00 | 59 | 0.00 | 0.82 | 1 | 2486 | 97 | 5.1 | 80 | 0.41 | 0.33 | 0.09 | 3.09 | 25 | 0.08 | 0.06 | 49 | 129 | 192 | 30 | 352 | 800 | 5 |
| 5 | 1400 | 0.00 | 83 | 0.00 | 0.96 | 1 | 2491 | 97 | 7.4 | 90 | 0.59 | 0.54 | 0.09 | 3.32 | 27 | 0.14 | 0.09 | 48 | 130 | 238 | 48 | 418 | 1400 | 5 |
| 5 | 2000 | 0.00 | 93 | 0.00 | 1.19 | 1 | 2500 | 96 | 10.1 | 94 | 0.81 | 0.76 | 0.09 | 3.70 | 30 | 0.23 | 0.14 | 47 | 131 | 318 | 83 | 533 | 2000 | 5 |
| 6 | 200 | 0.00 | 94 | 0.00 | 1.47 | 2 | 2514 | 95 | 11.0 | 94 | 0.88 | 0.83 | 0.09 | 4.24 | 34 | 0.28 | 0.20 | 46 | 131 | 450 | 150 | 733 | 200 | 6 |
| 6 | 800 | 0.00 | 97 | 0.00 | 1.87 | 2 | 2532 | 94 | 13.9 | 94 | 1.11 | 1.05 | 0.09 | 4.79 | 38 | 0.40 | 0.29 | 45 | 132 | 661 | 271 | 1065 | 800 | 6 |
| 6 | 1400 | 0.00 | 98 | 0.00 | 2.35 | 3 | 2557 | 93 | 15.8 | 93 | 1.27 | 1.18 | 0.09 | 5.45 | 41 | 0.49 | 0.39 | 38 | 133 | 977 | 491 | 1602 | 1400 | 6 |
| 6 | 2000 | 0.00 | 99 | 0.00 | 2.92 | 4 | 2587 | 91 | 17.7 | 92 | 1.42 | 1.30 | 0.09 | 6.17 | 43 | 0.56 | 0.51 | 32 | 134 | 1431 | 896 | 2462 | 2000 | 6 |
| 7 | 200 | 0.00 | 99 | 0.00 | 3.60 | 4 | 2622 | 89 | 20.6 | 91 | 1.64 | 1.49 | 0.09 | 6.96 | 46 | 0.68 | 0.66 | 29 | 134 | 2054 | 1630 | 3820 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 4.37 | 5 | 2665 | 87 | 22.4 | 89 | 1.79 | 1.59 | 0.09 | 7.85 | 48 | 0.77 | 0.83 | 26 | 135 | 2867 | 2890 | 5893 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 5.22 | 6 | 2712 | 84 | 24.3 | 86 | 1.94 | 1.68 | 0.09 | 8.78 | 51 | 0.85 | 1.02 | 23 | 136 | 3874 | 4889 | 8900 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 6.07 | 7 | 2766 | 81 | 23.6 | 84 | 1.89 | 1.58 | 0.09 | 9.75 | 54 | 0.85 | 1.20 | 20 | 137 | 5060 | 7738 | 12937 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 6.90 | 9 | 2819 | 79 | 22.8 | 81 | 1.82 | 1.48 | 0.09 | 10.63 | 56 | 0.83 | 1.38 | 18 | 138 | 6387 | 11283 | 17810 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 7.73 | 10 | 2862 | 77 | 22.7 | 79 | 1.81 | 1.43 | 0.09 | 11.43 | 58 | 0.84 | 1.55 | 15 | 139 | 7806 | 15113 | 23060 | 800 | 8 |
| 8 | 1400 | 0.02 | 100 | 0.01 | 8.55 | 11 | 2896 | 76 | 21.8 | 77 | 1.74 | 1.36 | 0.09 | 12.17 | 61 | 0.83 | 1.71 | 13 | 140 | 9261 | 18818 | 28221 | 1400 | 8 |
| 8 | 2000 | 0.02 | 100 | 0.02 | 9.39 | 12 | 2930 | 74 | 21.7 | 76 | 1.73 | 1.33 | 0.09 | 12.86 | 64 | 0.85 | 1.88 | 11 | 142 | 10702 | 22184 | 33029 | 2000 | 8 |
| 9 | 200 | 0.06 | 100 | 0.07 | 10.23 | 13 | 2965 | 72 | 21.1 | 74 | 1.68 | 1.30 | 0.09 | 13.47 | 67 | 0.88 | 2.05 | 9 | 143 | 12083 | 25213 | 37441 | 200 | 9 |
| 9 | 800 | 0.06 | 100 | 0.11 | 11.08 | 14 | 3001 | 71 | 21.0 | 72 | 1.68 | 1.27 | 0.09 | 14.04 | 70 | 0.89 | 2.22 | 8 | 145 | 13369 | 28034 | 41550 | 800 | 9 |
| 9 | 1400 | 0.06 | 100 | 0.15 | 11.91 | 15 | 3069 | 69 | 20.4 | 70 | 1.63 | 1.21 | 0.09 | 14.55 | 73 | 0.88 | 2.38 | 7 | 148 | 14537 | 30735 | 45421 | 1400 | 9 |
| 9 | 2000 | 0.07 | 100 | 0.20 | 12.75 | 16 | 3136 | 67 | 20.3 | 69 | 1.62 | 1.18 | 0.09 | 15.01 | 75 | 0.89 | 2.55 | 6 | 150 | 15572 | 33273 | 48996 | 2000 | 9 |
| 10 | 200 | 0.19 | 99 | 0.34 | 13.52 | 17 | 3204 | 66 | 19.4 | 67 | 1.55 | 1.22 | 0.09 | 15.43 | 75 | 0.92 | 2.71 | 6 | 153 | 16465 | 35573 | 52193 | 200 | 10 |
| 10 | 800 | 0.20 | 99 | 0.49 | 14.28 | 18 | 3266 | 64 | 19.3 | 65 | 1.54 | 1.21 | 0.09 | 15.86 | 75 | 0.90 | 2.86 | 5 | 157 | 17218 | 37633 | 55009 | 800 | 10 |
| 10 | 1400 | 0.20 | 99 | 0.64 | 15.00 | 19 | 3327 | 62 | 19.0 | 64 | 1.52 | 1.17 | 0.09 | 16.30 | 75 | 0.87 | 3.00 | 5 | 160 | 17837 | 39444 | 57442 | 1400 | 10 |
| 10 | 2000 | 0.20 | 99 | 0.79 | 15.71 | 19 | 3386 | 61 | 18.9 | 62 | 1.51 | 1.14 | 0.09 | 16.73 | 75 | 0.85 | 3.13 | 4 | 165 | 18331 | 40906 | 59402 | 2000 | 10 |
| 11 | 200 | 0.15 | 99 | 0.90 | 16.37 | 20 | 3443 | 60 | 18.0 | 61 | 1.44 | 1.02 | 0.09 | 17.16 | 75 | 0.77 | 3.25 | 4 | 170 | 18711 | 41864 | 60746 | 200 | 11 |
| 11 | 800 | 0.15 | 99 | 1.01 | 17.01 | 21 | 3492 | 59 | 17.9 | 60 | 1.43 | 1.00 | 0.09 | 17.56 | 75 | 0.75 | 3.32 | 4 | 175 | 18989 | 42156 | 61321 | 800 | 11 |
| 11 | 1400 | 0.22 | 99 | 1.18 | 17.63 | 22 | 3531 | 58 | 17.7 | 59 | 1.41 | 1.04 | 0.09 | 17.95 | 75 | 0.78 | 3.42 | 4 | 181 | 19175 | 41778 | 61135 | 1400 | 11 |
| 11 | 2000 | 0.53 | 99 | 1.57 | 18.24 | 23 | 3569 | 57 | 17.6 | 58 | 1.41 | 1.34 | 0.09 | 18.36 | 75 | 1.00 | 3.56 | 4 | 188 | 19281 | 41169 | 60640 | 2000 | 11 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.18 | 99 | 1.70 | 18.76 | 23 | 3606 | 56 | 15.6 | 56 | 1.25 | 0.88 | 0.09 | 18.84 | 75 | 0.66 | 3.60 | 3 | 196 | 19323 | 40890 | 60410 | 200 | 12 |
| 12 | 800 | 0.18 | 98 | 1.84 | 19.24 | 24 | 3637 | 55 | 14.6 | 55 | 1.16 | 0.82 | 0.09 | 19.19 | 75 | 0.61 | 3.62 | 3 | 204 | 19313 | 40700 | 60218 | 800 | 12 |
| 12 | 1400 | 0.24 | 98 | 2.01 | 19.68 | 24 | 3666 | 55 | 13.5 | 54 | 1.08 | 0.82 | 0.09 | 19.52 | 75 | 0.62 | 3.64 | 3 | 213 | 19262 | 39794 | 59270 | 1400 | 12 |
| 12 | 2000 | 0.60 | 98 | 2.45 | 20.08 | 25 | 3693 | 54 | 12.5 | 53 | 1.00 | 1.12 | 0.09 | 19.84 | 75 | 0.84 | 3.70 | 3 | 222 | 19177 | 38102 | 57503 | 2000 | 12 |
| 13 | 200 | 0.24 | 98 | 2.63 | 20.47 | 25 | 3717 | 53 | 12.5 | 53 | 1.00 | 0.76 | 0.09 | 20.23 | 75 | 0.57 | 3.70 | 3 | 233 | 19071 | 36325 | 55630 | 200 | 13 |
| 13 | 800 | 0.24 | 98 | 2.81 | 20.86 | 26 | 3741 | 53 | 12.4 | 52 | 0.99 | 0.75 | 0.09 | 20.53 | 75 | 0.56 | 3.70 | 3 | 244 | 18953 | 34752 | 53950 | 800 | 13 |
| 13 | 1400 | 0.32 | 98 | 3.04 | 21.24 | 26 | 3764 | 52 | 12.4 | 51 | 0.99 | 0.82 | 0.09 | 20.83 | 75 | 0.62 | 3.71 | 3 | 256 | 18829 | 33112 | 52199 | 1400 | 13 |
| 13 | 2000 | 0.82 | 98 | 3.64 | 21.62 | 27 | 3788 | 52 | 12.4 | 51 | 0.99 | 1.30 | 0.09 | 21.15 | 75 | 0.98 | 3.80 | 3 | 269 | 18704 | 31659 | 50634 | 2000 | 13 |
| 14 | 200 | 0.29 | 97 | 3.85 | 21.97 | 27 | 3810 | 51 | 11.5 | 50 | 0.92 | 0.74 | 0.09 | 21.59 | 75 | 0.56 | 3.79 | 3 | 282 | 18584 | 31120 | 49988 | 200 | 14 |
| 14 | 800 | 0.29 | 97 | 4.07 | 22.31 | 28 | 3831 | 51 | 11.5 | 50 | 0.92 | 0.74 | 0.09 | 21.88 | 75 | 0.55 | 3.77 | 3 | 297 | 18475 | 31300 | 50074 | 800 | 14 |
| 14 | 1400 | 0.39 | 97 | 4.35 | 22.65 | 28 | 3852 | 50 | 11.5 | 49 | 0.92 | 0.83 | 0.09 | 22.17 | 75 | 0.62 | 3.78 | 3 | 312 | 18377 | 31214 | 49904 | 1400 | 14 |
| 14 | 2000 | 0.98 | 97 | 5.07 | 22.98 | 28 | 3873 | 50 | 11.4 | 49 | 0.91 | 1.40 | 0.09 | 22.48 | 75 | 1.05 | 3.88 | 3 | 328 | 18290 | 30834 | 49454 | 2000 | 14 |
| 15 | 200 | 0.49 | 98 | 5.43 | 23.34 | 29 | 3893 | 49 | 12.4 | 48 | 0.99 | 0.96 | 0.09 | 22.94 | 75 | 0.72 | 3.91 | 3 | 345 | 18217 | 31175 | 49738 | 200 | 15 |
| 15 | 800 | 0.49 | 98 | 5.79 | 23.69 | 29 | 3914 | 48 | 12.4 | 48 | 0.99 | 0.95 | 0.09 | 23.30 | 75 | 0.71 | 3.94 | 3 | 362 | 18162 | 32489 | 51015 | 800 | 15 |
| 15 | 1400 | 0.65 | 98 | 6.27 | 24.04 | 30 | 3936 | 48 | 12.3 | 47 | 0.99 | 1.10 | 0.09 | 23.66 | 75 | 0.83 | 3.99 | 3 | 381 | 18125 | 33992 | 52499 | 1400 | 15 |
| 15 | 2000 | 1.63 | 98 | 7.46 | 24.38 | 30 | 3957 | 47 | 12.3 | 47 | 0.98 | 2.05 | 0.09 | 24.05 | 75 | 1.54 | 4.20 | 3 | 400 | 18107 | 35776 | 54284 | 2000 | 15 |
| 16 | 200 | 0.89 | 97 | 8.11 | 24.69 | 30 | 3978 | 47 | 11.1 | 46 | 0.89 | 1.27 | 0.09 | 24.69 | 75 | 0.96 | 4.26 | 3 | 420 | 18110 | 39046 | 57577 | 200 | 16 |
| 16 | 800 | 0.37 | 96 | 8.38 | 24.93 | 31 | 3996 | 47 | 9.1 | 45 | 0.73 | 0.68 | 0.09 | 25.12 | 75 | 0.51 | 4.20 | 3 | 440 | 18139 | 43319 | 61900 | 800 | 16 |
| 16 | 1400 | 0.26 | 96 | 8.57 | 25.17 | 31 | 4010 | 46 | 9.1 | 44 | 0.73 | 0.57 | 0.09 | 25.37 | 75 | 0.43 | 4.12 | 3 | 461 | 18190 | 45802 | 64454 | 1400 | 16 |
| 16 | 2000 | 0.26 | 97 | 8.76 | 25.44 | 31 | 4023 | 46 | 10.0 | 44 | 0.80 | 0.61 | 0.09 | 25.61 | 75 | 0.46 | 4.06 | 3 | 483 | 18245 | 44606 | 63336 | 2000 | 16 |
| 17 | 200 | 0.61 | 97 | 9.20 | 25.71 | 32 | 4038 | 45 | 10.2 | 44 | 0.82 | 0.95 | 0.09 | 25.86 | 75 | 0.71 | 4.06 | 3 | 506 | 18287 | 40582 | 59376 | 200 | 17 |
| 17 | 800 | 0.25 | 97 | 9.38 | 25.98 | 32 | 4053 | 45 | 10.2 | 44 | 0.81 | 0.60 | 0.09 | 26.20 | 75 | 0.45 | 4.01 | 3 | 529 | 18305 | 35869 | 54705 | 800 | 17 |
| 17 | 1400 | 0.18 | 97 | 9.51 | 26.24 | 32 | 4067 | 45 | 10.1 | 43 | 0.81 | 0.53 | 0.09 | 26.45 | 75 | 0.39 | 3.94 | 3 | 553 | 18295 | 31714 | 50563 | 1400 | 17 |
| 17 | 2000 | 0.18 | 97 | 9.64 | 26.50 | 33 | 4082 | 44 | 10.1 | 43 | 0.81 | 0.52 | 0.09 | 26.69 | 75 | 0.39 | 3.88 | 3 | 577 | 18250 | 28076 | 46904 | 2000 | 17 |
| 18 | 200 | 0.00 | 97 | 9.64 | 26.78 | 33 | 4096 | 44 | 11.1 | 43 | 0.89 | 0.38 | 0.09 | 26.92 | 75 | 0.28 | 3.81 | 3 | 602 | 18162 | 24670 | 43436 | 200 | 18 |
| 18 | 800 | 0.00 | 97 | 9.64 | 27.06 | 33 | 4111 | 43 | 11.1 | 42 | 0.88 | 0.37 | 0.09 | 27.11 | 75 | 0.28 | 3.74 | 3 | 627 | 18025 | 21422 | 40075 | 800 | 18 |
| 18 | 1400 | 0.00 | 97 | 9.64 | 27.34 | 34 | 4127 | 43 | 11.0 | 42 | 0.88 | 0.37 | 0.09 | 27.31 | 75 | 0.28 | 3.67 | 3 | 653 | 17830 | 18374 | 36858 | 1400 | 18 |
| 18 | 2000 | 0.00 | 97 | 9.64 | 27.61 | 34 | 4142 | 42 | 11.0 | 41 | 0.88 | 0.36 | 0.09 | 27.50 | 75 | 0.27 | 3.60 | 3 | 679 | 17573 | 15667 | 33920 | 2000 | 18 |
| 19 | 200 | 0.00 | 98 | 9.64 | 27.95 | 35 | 4157 | 42 | 13.8 | 41 | 1.10 | 0.45 | 0.09 | 27.69 | 75 | 0.34 | 3.58 | 3 | 706 | 17257 | 13494 | 31458 | 200 | 19 |
| 19 | 800 | 0.00 | 99 | 9.64 | 28.34 | 35 | 4176 | 41 | 15.7 | 41 | 1.26 | 0.52 | 0.09 | 27.94 | 75 | 0.39 | 3.60 | 3 | 733 | 16891 | 12086 | 29711 | 800 | 19 |
| 19 | 1400 | 0.00 | 99 | 9.64 | 28.78 | 36 | 4197 | 41 | 17.6 | 41 | 1.41 | 0.58 | 0.09 | 28.23 | 75 | 0.43 | 3.64 | 3 | 760 | 16487 | 11647 | 28896 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 9.64 | 29.26 | 36 | 4221 | 40 | 19.8 | 40 | 1.58 | 0.64 | 0.09 | 28.56 | 75 | 0.48 | 3.70 | 3 | 787 | 16060 | 12213 | 29062 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 9.64 | 29.75 | 37 | 4246 | 39 | 20.8 | 40 | 1.66 | 0.66 | 0.09 | 28.94 | 75 | 0.50 | 3.78 | 3 | 815 | 15622 | 13629 | 30068 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 9.64 | 30.24 | 37 | 4265 | 39 | 20.7 | 39 | 1.66 | 0.65 | 0.09 | 29.34 | 75 | 0.49 | 3.85 | 3 | 843 | 15185 | 15588 | 31618 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 9.64 | 30.72 | 38 | 4283 | 38 | 20.7 | 39 | 1.66 | 0.64 | 0.09 | 29.73 | 75 | 0.48 | 3.92 | 3 | 872 | 14756 | 17691 | 33321 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 9.64 | 31.20 | 39 | 4302 | 38 | 20.7 | 38 | 1.65 | 0.63 | 0.09 | 30.12 | 75 | 0.47 | 3.99 | 3 | 900 | 14343 | 19581 | 34826 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 9.64 | 31.75 | 39 | 4320 | 37 | 24.4 | 38 | 1.95 | 0.74 | 0.09 | 30.52 | 75 | 0.55 | 4.10 | 3 | 929 | 13949 | 21124 | 36004 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 9.64 | 32.29 | 40 | 4341 | 37 | 24.4 | 37 | 1.95 | 0.72 | 0.09 | 30.99 | 75 | 0.54 | 4.21 | 3 | 957 | 13578 | 22468 | 37005 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 9.64 | 32.83 | 41 | 4362 | 36 | 24.3 | 36 | 1.94 | 0.71 | 0.09 | 31.46 | 75 | 0.53 | 4.31 | 3 | 986 | 13229 | 23789 | 38005 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 9.64 | 33.35 | 41 | 4382 | 36 | 24.2 | 36 | 1.94 | 0.70 | 0.09 | 31.92 | 75 | 0.52 | 4.40 | 3 | 1015 | 12902 | 25049 | 38968 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 9.64 | 33.90 | 42 | 4402 | 35 | 26.1 | 35 | 2.09 | 0.74 | 0.09 | 32.39 | 75 | 0.56 | 4.51 | 3 | 1043 | 12598 | 26129 | 39771 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 9.64 | 34.45 | 43 | 4423 | 34 | 26.1 | 35 | 2.08 | 0.73 | 0.09 | 32.90 | 75 | 0.54 | 4.62 | 2 | 1072 | 12314 | 27024 | 40411 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 9.64 | 34.98 | 43 | 4444 | 34 | 26.0 | 34 | 2.08 | 0.71 | 0.09 | 33.40 | 75 | 0.53 | 4.72 | 2 | 1100 | 12048 | 27782 | 40932 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 9.64 | 35.51 | 44 | 4464 | 33 | 25.9 | 34 | 2.07 | 0.70 | 0.09 | 33.90 | 75 | 0.52 | 4.81 | 2 | 1129 | 11798 | 28387 | 41316 | 2000 | 22 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE

| RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION |
|---|---|---|---|
| | 310861 | 1 MAY 1972 1400 | 0 SUSITNA HEP SPRING PMF |

N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 694.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 9.64 | 36.00 | 44 | 4484 | 33 | 24.8 | 33 | 1.99 | 0.66 | 0.09 | 34.40 | 75 | 0.49 | 4.88 | 2 | 1157 | 11564 | 28769 | 41491 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 9.64 | 36.48 | 45 | 4503 | 32 | 24.7 | 33 | 1.98 | 0.64 | 0.09 | 34.88 | 75 | 0.48 | 4.95 | 2 | 1185 | 11341 | 28862 | 41390 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 9.64 | 36.96 | 46 | 4522 | 32 | 24.7 | 32 | 1.97 | 0.63 | 0.09 | 35.36 | 75 | 0.47 | 5.01 | 2 | 1213 | 11130 | 28657 | 41001 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 9.64 | 37.42 | 46 | 4540 | 31 | 24.6 | 32 | 1.97 | 0.62 | 0.09 | 35.83 | 75 | 0.47 | 5.07 | 2 | 1241 | 10928 | 28225 | 40395 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 9.64 | 37.77 | 47 | 4558 | 31 | 18.5 | 31 | 1.48 | 0.46 | 0.09 | 36.30 | 75 | 0.34 | 5.03 | 2 | 1268 | 10733 | 27578 | 39581 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 9.64 | 38.11 | 47 | 4571 | 30 | 18.5 | 31 | 1.48 | 0.45 | 0.09 | 36.65 | 75 | 0.34 | 5.00 | 2 | 1295 | 10546 | 26543 | 38386 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 9.64 | 38.44 | 47 | 4584 | 30 | 18.4 | 30 | 1.47 | 0.45 | 0.09 | 37.00 | 75 | 0.33 | 4.97 | 2 | 1322 | 10365 | 25003 | 36692 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 9.64 | 38.77 | 48 | 4597 | 30 | 18.4 | 30 | 1.47 | 0.44 | 0.09 | 37.35 | 75 | 0.33 | 4.94 | 2 | 1349 | 10189 | 23146 | 34685 | 2000 | 24 |
| 25 | 200 | 0.00 | 99 | 9.64 | 39.04 | 48 | 4609 | 29 | 15.3 | 29 | 1.23 | 0.36 | 0.09 | 37.69 | 75 | 0.27 | 4.86 | 2 | 1375 | 10019 | 21250 | 32645 | 200 | 25 |
| 25 | 800 | 0.00 | 99 | 9.64 | 39.31 | 49 | 4620 | 29 | 15.3 | 29 | 1.22 | 0.36 | 0.09 | 37.98 | 75 | 0.27 | 4.80 | 2 | 1400 | 9854 | 19418 | 30675 | 800 | 25 |
| 25 | 1400 | 0.00 | 99 | 9.64 | 39.57 | 49 | 4630 | 29 | 15.2 | 29 | 1.22 | 0.35 | 0.09 | 38.26 | 75 | 0.26 | 4.73 | 2 | 1426 | 9694 | 17659 | 28780 | 1400 | 25 |
| 25 | 2000 | 0.00 | 99 | 9.64 | 39.83 | 49 | 4640 | 29 | 15.2 | 29 | 1.22 | 0.35 | 0.09 | 38.54 | 75 | 0.26 | 4.67 | 2 | 1451 | 9540 | 16036 | 27028 | 2000 | 25 |
| 26 | 200 | 0.00 | 99 | 9.64 | 40.07 | 49 | 4650 | 28 | 14.2 | 28 | 1.14 | 0.32 | 0.09 | 38.82 | 75 | 0.24 | 4.59 | 2 | 1475 | 9391 | 14631 | 25498 | 200 | 26 |
| 26 | 800 | 0.00 | 99 | 9.64 | 40.31 | 50 | 4659 | 28 | 14.2 | 28 | 1.13 | 0.31 | 0.09 | 39.08 | 75 | 0.24 | 4.52 | 2 | 1499 | 9247 | 13446 | 24194 | 800 | 26 |
| 26 | 1400 | 0.00 | 99 | 9.64 | 40.54 | 50 | 4668 | 28 | 14.1 | 28 | 1.13 | 0.31 | 0.09 | 39.34 | 75 | 0.23 | 4.45 | 2 | 1523 | 9108 | 12444 | 23077 | 1400 | 26 |
| 26 | 2000 | 0.00 | 99 | 9.64 | 40.78 | 50 | 4677 | 28 | 14.1 | 27 | 1.13 | 0.31 | 0.09 | 39.59 | 75 | 0.23 | 4.39 | 3 | 1546 | 8975 | 11604 | 22126 | 2000 | 26 |
| 27 | 200 | 0.00 | 99 | 9.64 | 40.99 | 51 | 4686 | 27 | 13.1 | 27 | 1.05 | 0.28 | 0.09 | 39.85 | 75 | 0.21 | 4.31 | 3 | 1568 | 8846 | 10908 | 21324 | 200 | 27 |
| 27 | 800 | 0.00 | 99 | 9.64 | 41.19 | 51 | 4694 | 27 | 13.1 | 27 | 1.04 | 0.28 | 0.09 | 40.08 | 75 | 0.21 | 4.24 | 3 | 1590 | 8722 | 10306 | 20619 | 800 | 27 |
| 27 | 1400 | 0.00 | 99 | 9.64 | 41.40 | 51 | 4702 | 27 | 13.0 | 26 | 1.04 | 0.27 | 0.09 | 40.31 | 75 | 0.21 | 4.17 | 3 | 1612 | 8601 | 9749 | 19964 | 1400 | 27 |
| 27 | 2000 | 0.00 | 99 | 9.64 | 41.60 | 51 | 4710 | 27 | 13.0 | 26 | 1.04 | 0.27 | 0.09 | 40.54 | 75 | 0.20 | 4.11 | 3 | 1633 | 8485 | 9235 | 19355 | 2000 | 27 |
| 28 | 200 | 0.00 | 99 | 9.64 | 41.81 | 52 | 4717 | 26 | 13.0 | 26 | 1.04 | 0.27 | 0.09 | 40.77 | 75 | 0.20 | 4.05 | 3 | 1653 | 8373 | 8783 | 18810 | 200 | 28 |
| 28 | 800 | 0.00 | 99 | 9.64 | 42.01 | 52 | 4725 | 26 | 12.9 | 26 | 1.03 | 0.27 | 0.09 | 41.00 | 75 | 0.20 | 3.99 | 3 | 1673 | 8264 | 8406 | 18344 | 800 | 28 |
| 28 | 1400 | 0.00 | 99 | 9.64 | 42.20 | 52 | 4733 | 26 | 12.9 | 25 | 1.03 | 0.26 | 0.09 | 41.23 | 75 | 0.20 | 3.93 | 3 | 1692 | 8159 | 8101 | 17954 | 1400 | 28 |
| 28 | 2000 | 0.00 | 99 | 9.64 | 42.40 | 52 | 4740 | 26 | 12.9 | 25 | 1.03 | 0.26 | 0.09 | 41.46 | 75 | 0.20 | 3.88 | 3 | 1711 | 8058 | 7858 | 17629 | 2000 | 28 |
| 29 | 200 | 0.00 | 98 | 9.64 | 42.57 | 53 | 4748 | 26 | 11.9 | 25 | 0.95 | 0.24 | 0.09 | 41.69 | 75 | 0.18 | 3.82 | 3 | 1729 | 7960 | 7650 | 17341 | 200 | 29 |
| 29 | 800 | 0.00 | 98 | 9.64 | 42.75 | 53 | 4754 | 25 | 11.9 | 25 | 0.95 | 0.23 | 0.09 | 41.90 | 75 | 0.17 | 3.75 | 3 | 1746 | 7866 | 7429 | 17043 | 800 | 29 |
| 29 | 1400 | 0.00 | 98 | 9.64 | 42.92 | 53 | 4761 | 25 | 11.8 | 24 | 0.95 | 0.23 | 0.09 | 42.10 | 75 | 0.17 | 3.70 | 3 | 1763 | 7775 | 7162 | 16702 | 1400 | 29 |
| 29 | 2000 | 0.00 | 98 | 9.64 | 43.09 | 53 | 4768 | 25 | 11.8 | 24 | 0.94 | 0.23 | 0.09 | 42.31 | 75 | 0.17 | 3.64 | 3 | 1779 | 7687 | 6863 | 16331 | 2000 | 29 |
| 30 | 200 | 0.00 | 98 | 9.64 | 43.25 | 53 | 4774 | 25 | 10.8 | 24 | 0.86 | 0.21 | 0.09 | 42.51 | 75 | 0.15 | 3.57 | 3 | 1795 | 7601 | 6557 | 15955 | 200 | 30 |
| 30 | 800 | 0.00 | 98 | 9.64 | 43.40 | 54 | 4780 | 25 | 10.8 | 24 | 0.86 | 0.20 | 0.09 | 42.69 | 75 | 0.15 | 3.51 | 3 | 1810 | 7518 | 6240 | 15570 | 800 | 30 |
| 30 | 1400 | 0.00 | 98 | 9.64 | 43.55 | 54 | 4786 | 25 | 10.8 | 23 | 0.86 | 0.20 | 0.09 | 42.88 | 75 | 0.15 | 3.45 | 3 | 1824 | 7437 | 5900 | 15163 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 | |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 70 | 10 | 5 | 85 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2370 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 4.00 | 32 | 0.00 | 0.03 | 57 | 70 | 10 | 4 | 85 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2370 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.98 | 32 | 0.00 | 0.03 | 57 | 70 | 11 | 3 | 85 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2371 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.97 | 32 | 0.00 | 0.03 | 57 | 69 | 15 | 2 | 88 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2371 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.95 | 32 | 0.00 | 0.03 | 57 | 69 | 20 | 2 | 93 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2371 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.94 | 31 | 0.00 | 0.03 | 57 | 69 | 25 | 2 | 98 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2372 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.92 | 31 | 0.00 | 0.02 | 57 | 69 | 29 | 2 | 102 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2372 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.90 | 31 | 0.00 | 0.02 | 58 | 69 | 33 | 2 | 105 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2373 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.89 | 31 | 0.00 | 0.02 | 58 | 69 | 35 | 2 | 108 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2373 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.87 | 31 | 0.00 | 0.02 | 58 | 69 | 37 | 2 | 109 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2373 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.85 | 31 | 0.00 | 0.02 | 58 | 69 | 37 | 2 | 110 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2374 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.84 | 31 | 0.00 | 0.02 | 58 | 69 | 38 | 2 | 110 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2374 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.82 | 31 | 0.00 | 0.02 | 58 | 69 | 38 | 2 | 111 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2374 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.81 | 30 | 0.00 | 0.02 | 58 | 69 | 38 | 2 | 111 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2375 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.79 | 30 | 0.00 | 0.02 | 58 | 69 | 38 | 1 | 110 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2375 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.77 | 30 | 0.00 | 0.02 | 58 | 69 | 38 | 1 | 110 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2375 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.76 | 30 | 0.00 | 0.02 | 58 | 69 | 38 | 1 | 110 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2376 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.74 | 30 | 0.00 | 0.02 | 58 | 69 | 37 | 1 | 110 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2376 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.73 | 30 | 0.00 | 0.02 | 58 | 69 | 37 | 1 | 109 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2376 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.71 | 30 | 0.00 | 0.02 | 58 | 69 | 37 | 1 | 109 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2377 | 100 | 1.0 | 36 | 0.03 | 0.01 | 0.09 | 3.69 | 30 | 0.00 | 0.02 | 58 | 69 | 37 | 1 | 109 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2377 | 100 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.68 | 29 | 0.00 | 0.02 | 58 | 69 | 36 | 1 | 109 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2377 | 100 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.66 | 29 | 0.00 | 0.02 | 58 | 69 | 36 | 1 | 108 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2378 | 100 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.65 | 29 | 0.00 | 0.02 | 58 | 69 | 36 | 1 | 108 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2378 | 100 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.63 | 29 | 0.00 | 0.02 | 58 | 69 | 36 | 1 | 108 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2378 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.61 | 29 | 0.00 | 0.02 | 58 | 69 | 36 | 1 | 108 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2379 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.60 | 29 | 0.00 | 0.02 | 58 | 69 | 35 | 1 | 107 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2379 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.58 | 29 | 0.00 | 0.01 | 58 | 69 | 35 | 1 | 107 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2379 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.57 | 29 | 0.00 | 0.01 | 59 | 69 | 35 | 1 | 107 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2380 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.55 | 28 | 0.00 | 0.01 | 59 | 69 | 35 | 1 | 107 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2380 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.53 | 28 | 0.00 | 0.01 | 59 | 69 | 34 | 1 | 106 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2380 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.52 | 28 | 0.00 | 0.01 | 59 | 69 | 34 | 1 | 106 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2381 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.50 | 28 | 0.00 | 0.01 | 59 | 69 | 34 | 1 | 106 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2381 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.49 | 28 | 0.00 | 0.01 | 59 | 69 | 34 | 1 | 105 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2381 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.47 | 28 | 0.00 | 0.01 | 59 | 69 | 34 | 1 | 105 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2382 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.45 | 28 | 0.00 | 0.01 | 59 | 69 | 33 | 1 | 105 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2382 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.44 | 28 | 0.00 | 0.01 | 59 | 69 | 33 | 1 | 105 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2382 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.42 | 27 | 0.00 | 0.01 | 59 | 69 | 33 | 1 | 104 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2383 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.41 | 27 | 0.00 | 0.01 | 59 | 69 | 33 | 1 | 104 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2383 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.39 | 27 | 0.00 | 0.01 | 59 | 69 | 33 | 1 | 104 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2383 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.38 | 27 | 0.00 | 0.01 | 59 | 68 | 32 | 1 | 104 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2384 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.36 | 27 | 0.00 | 0.01 | 59 | 68 | 32 | 1 | 103 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2384 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.34 | 27 | 0.00 | 0.01 | 59 | 68 | 32 | 1 | 103 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2384 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.33 | 27 | 0.00 | 0.01 | 59 | 68 | 32 | 1 | 103 | 800 | 12 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.101 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2384 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.31 | 26 | 0.00 | 0.01 | 59 | 68 | 32 | 1 | 102 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2385 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.30 | 26 | 0.00 | 0.01 | 59 | 68 | 31 | 1 | 102 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2385 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.28 | 26 | 0.00 | 0.01 | 59 | 68 | 31 | 1 | 102 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2385 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.26 | 26 | 0.00 | 0.01 | 59 | 68 | 31 | 1 | 102 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2386 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.25 | 26 | 0.00 | 0.01 | 59 | 68 | 31 | 1 | 101 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2386 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.23 | 26 | 0.00 | 0.01 | 59 | 68 | 31 | 1 | 101 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2386 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.22 | 26 | 0.00 | 0.01 | 59 | 67 | 31 | 1 | 101 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2387 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.20 | 26 | 0.00 | 0.01 | 59 | 67 | 30 | 1 | 100 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2387 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.19 | 25 | 0.00 | 0.01 | 59 | 67 | 30 | 1 | 100 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2387 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.17 | 25 | 0.00 | 0.01 | 59 | 67 | 30 | 1 | 100 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2387 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.15 | 25 | 0.00 | 0.01 | 59 | 67 | 30 | 1 | 99 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2388 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.14 | 25 | 0.00 | 0.01 | 59 | 67 | 30 | 1 | 99 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2388 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.12 | 25 | 0.00 | 0.01 | 59 | 67 | 29 | 1 | 99 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2388 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.11 | 25 | 0.00 | 0.01 | 59 | 67 | 29 | 1 | 98 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2388 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.09 | 25 | 0.00 | 0.01 | 59 | 66 | 29 | 1 | 98 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2389 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.07 | 25 | 0.00 | 0.01 | 59 | 66 | 29 | 1 | 98 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2389 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.06 | 24 | 0.00 | 0.01 | 59 | 66 | 29 | 1 | 97 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2389 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.04 | 24 | 0.00 | 0.01 | 59 | 66 | 29 | 1 | 97 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2390 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.03 | 24 | 0.00 | 0.01 | 59 | 66 | 28 | 1 | 97 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2390 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.01 | 24 | 0.00 | 0.01 | 59 | 66 | 28 | 1 | 96 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2390 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 3.00 | 24 | 0.00 | 0.01 | 59 | 66 | 28 | 1 | 96 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2390 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.98 | 24 | 0.00 | 0.01 | 59 | 65 | 28 | 1 | 96 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2391 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.96 | 24 | 0.00 | 0.01 | 59 | 65 | 28 | 1 | 95 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2391 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.95 | 24 | 0.00 | 0.01 | 59 | 65 | 28 | 1 | 95 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2391 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.93 | 23 | 0.00 | 0.01 | 59 | 65 | 27 | 1 | 95 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2391 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.92 | 23 | 0.00 | 0.01 | 59 | 65 | 27 | 1 | 94 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2392 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.90 | 23 | 0.00 | 0.01 | 59 | 65 | 27 | 1 | 94 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2392 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.89 | 23 | 0.00 | 0.01 | 59 | 64 | 27 | 1 | 94 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2392 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.87 | 23 | 0.00 | 0.01 | 59 | 64 | 27 | 1 | 93 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2392 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.86 | 23 | 0.00 | 0.01 | 59 | 64 | 26 | 1 | 93 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2393 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.84 | 23 | 0.00 | 0.01 | 59 | 64 | 26 | 1 | 93 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2393 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.82 | 23 | 0.00 | 0.01 | 59 | 64 | 26 | 1 | 92 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2393 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.81 | 22 | 0.00 | 0.01 | 59 | 63 | 26 | 1 | 92 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2393 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.79 | 22 | 0.00 | 0.01 | 59 | 63 | 26 | 1 | 91 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2394 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.78 | 22 | 0.00 | 0.01 | 59 | 63 | 26 | 1 | 91 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2394 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.76 | 22 | 0.00 | 0.01 | 59 | 63 | 25 | 1 | 91 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2394 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.75 | 22 | 0.00 | 0.01 | 59 | 63 | 25 | 1 | 90 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2394 | 99 | 1.0 | 35 | 0.03 | 0.01 | 0.09 | 2.73 | 22 | 0.00 | 0.01 | 59 | 63 | 25 | 1 | 90 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2395 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.71 | 22 | 0.00 | 0.01 | 59 | 62 | 25 | 1 | 90 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2395 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.70 | 22 | 0.00 | 0.01 | 59 | 62 | 25 | 1 | 89 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2395 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.68 | 21 | 0.00 | 0.01 | 59 | 62 | 25 | 1 | 89 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2395 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.67 | 21 | 0.00 | 0.01 | 59 | 62 | 25 | 1 | 89 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2396 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.65 | 21 | 0.00 | 0.01 | 59 | 61 | 24 | 1 | 88 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2396 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.64 | 21 | 0.00 | 0.01 | 59 | 61 | 24 | 1 | 88 | 800 | 23 |

FORM 1413-2

PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.101 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2396 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.62 | 21 | 0.00 | 0.01 | 59 | 61 | 24 | 1 | 87 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2396 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.61 | 21 | 0.00 | 0.01 | 59 | 61 | 24 | 1 | 87 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2397 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.59 | 21 | 0.00 | 0.01 | 59 | 61 | 24 | 1 | 87 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2397 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.58 | 21 | 0.00 | 0.01 | 59 | 60 | 24 | 1 | 86 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2397 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.56 | 20 | 0.00 | 0.01 | 59 | 60 | 23 | 1 | 86 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2397 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.54 | 20 | 0.00 | 0.01 | 59 | 60 | 23 | 1 | 85 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2397 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.53 | 20 | 0.00 | 0.01 | 59 | 60 | 23 | 1 | 85 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2398 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.51 | 20 | 0.00 | 0.01 | 59 | 60 | 23 | 1 | 85 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2398 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.50 | 20 | 0.00 | 0.01 | 59 | 59 | 23 | 1 | 84 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2398 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.48 | 20 | 0.00 | 0.01 | 59 | 59 | 23 | 1 | 84 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2398 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.47 | 20 | 0.00 | 0.01 | 59 | 59 | 22 | 1 | 84 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2399 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.45 | 20 | 0.00 | 0.01 | 59 | 59 | 22 | 1 | 83 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2399 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.44 | 20 | 0.00 | 0.01 | 59 | 58 | 22 | 1 | 83 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2399 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.42 | 20 | 0.00 | 0.01 | 59 | 58 | 22 | 1 | 82 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2399 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.41 | 20 | 0.00 | 0.01 | 59 | 58 | 22 | 1 | 82 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2399 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.39 | 20 | 0.00 | 0.01 | 59 | 58 | 22 | 1 | 82 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2400 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.37 | 19 | 0.00 | 0.01 | 59 | 58 | 22 | 1 | 81 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2400 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.36 | 19 | 0.00 | 0.01 | 59 | 57 | 22 | 1 | 81 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2400 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.34 | 19 | 0.00 | 0.01 | 59 | 57 | 22 | 1 | 81 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2400 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.33 | 19 | 0.00 | 0.01 | 59 | 57 | 21 | 1 | 80 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2400 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.31 | 19 | 0.00 | 0.01 | 59 | 57 | 21 | 1 | 80 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2401 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.30 | 19 | 0.00 | 0.01 | 59 | 56 | 21 | 1 | 80 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2401 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.28 | 19 | 0.00 | 0.01 | 59 | 56 | 21 | 1 | 79 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2401 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.27 | 19 | 0.00 | 0.01 | 59 | 56 | 21 | 1 | 79 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2401 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.25 | 19 | 0.00 | 0.01 | 59 | 56 | 21 | 1 | 79 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2401 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.24 | 19 | 0.00 | 0.01 | 59 | 55 | 21 | 1 | 78 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2402 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.22 | 19 | 0.00 | 0.01 | 59 | 55 | 21 | 1 | 78 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2402 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.20 | 19 | 0.00 | 0.01 | 59 | 55 | 21 | 1 | 78 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2402 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.19 | 19 | 0.00 | 0.01 | 59 | 55 | 21 | 1 | 78 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2402 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.17 | 19 | 0.00 | 0.01 | 59 | 54 | 21 | 1 | 77 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2402 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.16 | 19 | 0.00 | 0.01 | 59 | 54 | 21 | 1 | 77 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2403 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.14 | 19 | 0.00 | 0.01 | 59 | 54 | 20 | 1 | 77 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2403 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.13 | 19 | 0.00 | 0.01 | 59 | 54 | 20 | 1 | 76 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2403 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.11 | 18 | 0.00 | 0.01 | 59 | 53 | 20 | 1 | 76 | 2000 | 31 |

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

FORM 1613-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400

JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF

N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.102 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2403 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.10 | 18 | 0.00 | 0.01 | 59 | 53 | 20 | 1 | 76 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2403 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.08 | 18 | 0.00 | 0.01 | 59 | 53 | 20 | 1 | 75 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2404 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.07 | 18 | 0.00 | 0.01 | 59 | 53 | 20 | 1 | 75 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2404 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.05 | 18 | 0.00 | 0.01 | 59 | 53 | 20 | 1 | 75 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2404 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.03 | 18 | 0.00 | 0.01 | 59 | 52 | 20 | 1 | 74 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2404 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.02 | 18 | 0.00 | 0.01 | 59 | 52 | 20 | 1 | 74 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2404 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.00 | 18 | 0.00 | 0.01 | 59 | 52 | 20 | 1 | 74 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2405 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 1.99 | 18 | 0.00 | 0.01 | 59 | 52 | 20 | 1 | 73 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2405 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 1.97 | 18 | 0.00 | 0.01 | 59 | 51 | 20 | 1 | 73 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2405 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 1.96 | 18 | 0.00 | 0.01 | 59 | 51 | 20 | 1 | 73 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2405 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 1.94 | 18 | 0.00 | 0.01 | 59 | 51 | 19 | 1 | 72 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2405 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 1.93 | 18 | 0.00 | 0.01 | 59 | 51 | 19 | 1 | 72 | 2000 | 3 |
| 4 | 200 | 0.00 | 1 | 0.00 | 0.29 | 1 | 2406 | 98 | 1.6 | 46 | 0.04 | 0.02 | 0.09 | 1.91 | 18 | 0.00 | 0.01 | 59 | 50 | 20 | 1 | 72 | 200 | 4 |
| 4 | 800 | 0.00 | 1 | 0.00 | 0.29 | 1 | 2406 | 98 | 1.6 | 46 | 0.04 | 0.02 | 0.09 | 1.91 | 18 | 0.00 | 0.01 | 59 | 50 | 21 | 1 | 74 | 800 | 4 |
| 4 | 1400 | 0.00 | 36 | 0.00 | 0.30 | 1 | 2406 | 98 | 2.9 | 69 | 0.08 | 0.05 | 0.09 | 1.90 | 18 | 0.01 | 0.01 | 59 | 50 | 24 | 2 | 78 | 1400 | 4 |
| 4 | 2000 | 0.00 | 36 | 0.00 | 0.31 | 1 | 2408 | 98 | 2.9 | 69 | 0.08 | 0.05 | 0.09 | 1.92 | 18 | 0.01 | 0.01 | 59 | 50 | 32 | 4 | 87 | 2000 | 4 |
| 5 | 200 | 0.00 | 71 | 0.00 | 0.33 | 1 | 2409 | 98 | 5.0 | 91 | 0.13 | 0.12 | 0.09 | 1.94 | 18 | 0.02 | 0.02 | 59 | 49 | 47 | 6 | 104 | 200 | 5 |
| 5 | 800 | 0.00 | 79 | 0.00 | 0.35 | 1 | 2411 | 97 | 5.8 | 95 | 0.15 | 0.14 | 0.09 | 2.02 | 18 | 0.03 | 0.02 | 58 | 49 | 71 | 11 | 132 | 800 | 5 |
| 5 | 1400 | 0.00 | 97 | 0.00 | 0.39 | 1 | 2414 | 97 | 8.7 | 97 | 0.22 | 0.22 | 0.09 | 2.11 | 18 | 0.04 | 0.03 | 58 | 49 | 110 | 16 | 176 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 0.45 | 1 | 2419 | 97 | 11.7 | 97 | 0.30 | 0.29 | 0.09 | 2.27 | 19 | 0.06 | 0.04 | 57 | 49 | 168 | 24 | 242 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 0.51 | 1 | 2426 | 96 | 12.7 | 97 | 0.33 | 0.32 | 0.09 | 2.49 | 20 | 0.06 | 0.05 | 56 | 48 | 250 | 33 | 334 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 0.60 | 2 | 2434 | 96 | 15.6 | 96 | 0.41 | 0.39 | 0.09 | 2.73 | 22 | 0.09 | 0.07 | 55 | 48 | 360 | 43 | 453 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 0.70 | 2 | 2445 | 95 | 17.6 | 96 | 0.46 | 0.44 | 0.09 | 3.03 | 24 | 0.11 | 0.09 | 53 | 48 | 498 | 57 | 605 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 0.84 | 2 | 2458 | 94 | 19.6 | 95 | 0.51 | 0.49 | 0.09 | 3.36 | 27 | 0.13 | 0.12 | 51 | 48 | 673 | 77 | 799 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 1.00 | 3 | 2475 | 93 | 22.5 | 94 | 0.60 | 0.56 | 0.09 | 3.71 | 30 | 0.17 | 0.15 | 49 | 48 | 894 | 110 | 1054 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 1.20 | 3 | 2496 | 91 | 24.5 | 93 | 0.66 | 0.61 | 0.09 | 4.12 | 33 | 0.20 | 0.20 | 47 | 48 | 1174 | 162 | 1386 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 1.44 | 4 | 2521 | 90 | 26.4 | 91 | 0.72 | 0.66 | 0.09 | 4.54 | 36 | 0.24 | 0.25 | 45 | 48 | 1521 | 234 | 1804 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 1.70 | 5 | 2551 | 88 | 25.9 | 90 | 0.71 | 0.64 | 0.09 | 4.98 | 40 | 0.25 | 0.30 | 41 | 48 | 1939 | 328 | 2317 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 1.95 | 6 | 2583 | 86 | 25.1 | 88 | 0.70 | 0.62 | 0.09 | 5.40 | 41 | 0.25 | 0.35 | 37 | 48 | 2416 | 425 | 2890 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 2.21 | 6 | 2614 | 84 | 25.0 | 86 | 0.71 | 0.61 | 0.09 | 5.80 | 42 | 0.26 | 0.40 | 34 | 49 | 2921 | 506 | 3478 | 800 | 8 |
| 8 | 1400 | 0.02 | 100 | 0.01 | 2.46 | 7 | 2647 | 82 | 24.1 | 84 | 0.70 | 0.60 | 0.09 | 6.19 | 43 | 0.26 | 0.45 | 32 | 49 | 3417 | 581 | 4048 | 1400 | 8 |
| 8 | 2000 | 0.02 | 100 | 0.01 | 2.72 | 8 | 2679 | 81 | 24.0 | 82 | 0.71 | 0.60 | 0.09 | 6.59 | 45 | 0.27 | 0.50 | 30 | 50 | 3874 | 650 | 4576 | 2000 | 8 |
| 9 | 200 | 0.05 | 100 | 0.04 | 2.98 | 9 | 2711 | 79 | 23.5 | 80 | 0.70 | 0.61 | 0.09 | 6.97 | 46 | 0.28 | 0.55 | 29 | 51 | 4281 | 719 | 5052 | 200 | 9 |
| 9 | 800 | 0.05 | 100 | 0.06 | 3.24 | 9 | 2736 | 78 | 23.4 | 79 | 0.71 | 0.61 | 0.09 | 7.37 | 47 | 0.29 | 0.61 | 28 | 53 | 4638 | 801 | 5494 | 800 | 9 |
| 9 | 1400 | 0.05 | 100 | 0.08 | 3.50 | 10 | 2758 | 77 | 22.8 | 78 | 0.70 | 0.60 | 0.09 | 7.76 | 48 | 0.29 | 0.66 | 27 | 54 | 4954 | 885 | 5895 | 1400 | 9 |
| 9 | 2000 | 0.06 | 100 | 0.11 | 3.77 | 11 | 2780 | 75 | 22.8 | 77 | 0.71 | 0.60 | 0.09 | 8.14 | 49 | 0.29 | 0.71 | 26 | 56 | 5231 | 960 | 6248 | 2000 | 9 |
| 10 | 200 | 0.15 | 100 | 0.19 | 4.03 | 12 | 2802 | 74 | 21.9 | 75 | 0.70 | 0.68 | 0.09 | 8.53 | 50 | 0.34 | 0.77 | 25 | 58 | 5480 | 1085 | 6625 | 200 | 10 |
| 10 | 800 | 0.16 | 100 | 0.27 | 4.30 | 12 | 2824 | 73 | 21.9 | 74 | 0.70 | 0.68 | 0.09 | 8.95 | 51 | 0.35 | 0.83 | 24 | 61 | 5729 | 1316 | 7108 | 800 | 10 |
| 10 | 1400 | 0.16 | 100 | 0.36 | 4.57 | 13 | 2846 | 72 | 21.6 | 73 | 0.71 | 0.68 | 0.09 | 9.37 | 52 | 0.35 | 0.89 | 23 | 64 | 6002 | 1541 | 7608 | 1400 | 10 |
| 10 | 2000 | 0.16 | 100 | 0.44 | 4.85 | 14 | 2869 | 70 | 21.6 | 71 | 0.72 | 0.67 | 0.09 | 9.78 | 54 | 0.36 | 0.95 | 22 | 67 | 6293 | 1713 | 8076 | 2000 | 10 |
| 11 | 200 | 0.12 | 100 | 0.51 | 5.11 | 15 | 2892 | 69 | 20.7 | 70 | 0.70 | 0.61 | 0.09 | 10.19 | 55 | 0.33 | 1.00 | 21 | 71 | 6573 | 1823 | 8469 | 200 | 11 |
| 11 | 800 | 0.12 | 100 | 0.58 | 5.39 | 15 | 2914 | 68 | 20.7 | 69 | 0.71 | 0.61 | 0.09 | 10.56 | 56 | 0.34 | 1.05 | 20 | 76 | 6807 | 1827 | 8712 | 800 | 11 |
| 11 | 1400 | 0.18 | 100 | 0.68 | 5.66 | 16 | 2937 | 66 | 20.4 | 68 | 0.71 | 0.66 | 0.09 | 10.92 | 57 | 0.37 | 1.11 | 20 | 80 | 6981 | 1910 | 8973 | 1400 | 11 |
| 11 | 2000 | 0.43 | 100 | 0.93 | 5.93 | 17 | 2960 | 65 | 20.4 | 66 | 0.71 | 0.90 | 0.09 | 11.30 | 58 | 0.52 | 1.20 | 19 | 85 | 7134 | 2445 | 9667 | 2000 | 11 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.144 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.15 | 100 | 1.01 | 6.18 | 18 | 2983 | 64 | 18.3 | 65 | 0.65 | 0.57 | 0.09 | 11.78 | 59 | 0.34 | 1.24 | 18 | 91 | 7326 | 3251 | 10670 | 200 | 12 |
| 12 | 800 | 0.15 | 100 | 1.10 | 6.42 | 18 | 3005 | 63 | 17.2 | 64 | 0.62 | 0.54 | 0.09 | 12.11 | 61 | 0.33 | 1.28 | 18 | 97 | 7528 | 2875 | 10502 | 800 | 12 |
| 12 | 1400 | 0.19 | 100 | 1.22 | 6.65 | 19 | 3035 | 62 | 16.2 | 63 | 0.59 | 0.56 | 0.09 | 12.41 | 62 | 0.35 | 1.32 | 17 | 104 | 7651 | 2344 | 10101 | 1400 | 12 |
| 12 | 2000 | 0.49 | 100 | 1.53 | 6.87 | 20 | 3064 | 61 | 15.2 | 62 | 0.56 | 0.83 | 0.09 | 12.70 | 64 | 0.53 | 1.40 | 17 | 111 | 7696 | 2588 | 10396 | 2000 | 12 |
| 13 | 200 | 0.19 | 100 | 1.66 | 7.09 | 20 | 3091 | 60 | 15.1 | 61 | 0.56 | 0.53 | 0.09 | 13.08 | 65 | 0.35 | 1.43 | 16 | 119 | 7753 | 3436 | 11309 | 200 | 13 |
| 13 | 800 | 0.19 | 100 | 1.79 | 7.32 | 21 | 3115 | 59 | 15.1 | 60 | 0.57 | 0.53 | 0.09 | 13.34 | 67 | 0.36 | 1.47 | 16 | 127 | 7844 | 3174 | 11146 | 800 | 13 |
| 13 | 1400 | 0.26 | 100 | 1.96 | 7.55 | 22 | 3136 | 58 | 15.0 | 59 | 0.58 | 0.60 | 0.09 | 13.59 | 68 | 0.41 | 1.52 | 15 | 135 | 7912 | 2849 | 10898 | 1400 | 13 |
| 13 | 2000 | 0.66 | 100 | 2.42 | 7.79 | 22 | 3158 | 57 | 15.0 | 58 | 0.59 | 1.00 | 0.09 | 13.86 | 69 | 0.70 | 1.63 | 15 | 144 | 7962 | 3898 | 12005 | 2000 | 13 |
| 14 | 200 | 0.23 | 100 | 2.59 | 8.02 | 23 | 3180 | 56 | 14.2 | 57 | 0.57 | 0.56 | 0.09 | 14.24 | 71 | 0.40 | 1.67 | 14 | 154 | 8062 | 6029 | 14246 | 200 | 14 |
| 14 | 800 | 0.23 | 100 | 2.76 | 8.25 | 24 | 3201 | 56 | 14.1 | 56 | 0.58 | 0.56 | 0.09 | 14.47 | 72 | 0.40 | 1.71 | 13 | 164 | 8206 | 5365 | 13737 | 800 | 14 |
| 14 | 1400 | 0.32 | 100 | 2.99 | 8.49 | 24 | 3223 | 55 | 14.1 | 55 | 0.59 | 0.64 | 0.09 | 14.69 | 73 | 0.47 | 1.77 | 13 | 175 | 8324 | 4419 | 12920 | 1400 | 14 |
| 14 | 2000 | 0.79 | 100 | 3.58 | 8.73 | 25 | 3245 | 54 | 14.1 | 55 | 0.59 | 1.12 | 0.09 | 14.93 | 75 | 0.83 | 1.91 | 12 | 186 | 8411 | 5793 | 14392 | 2000 | 14 |
| 15 | 200 | 0.40 | 100 | 3.88 | 8.99 | 26 | 3267 | 53 | 15.0 | 54 | 0.65 | 0.74 | 0.09 | 15.28 | 75 | 0.56 | 1.98 | 11 | 197 | 8524 | 9226 | 17949 | 200 | 15 |
| 15 | 800 | 0.40 | 100 | 4.18 | 9.25 | 26 | 3291 | 52 | 15.0 | 53 | 0.66 | 0.74 | 0.09 | 15.54 | 75 | 0.56 | 2.05 | 10 | 209 | 8671 | 9385 | 18267 | 800 | 15 |
| 15 | 1400 | 0.53 | 100 | 4.57 | 9.51 | 27 | 3316 | 51 | 14.9 | 52 | 0.67 | 0.87 | 0.09 | 15.80 | 75 | 0.65 | 2.14 | 10 | 222 | 8803 | 8868 | 17894 | 1400 | 15 |
| 15 | 2000 | 1.32 | 100 | 5.56 | 9.77 | 28 | 3340 | 50 | 14.9 | 51 | 0.68 | 1.66 | 0.09 | 16.09 | 75 | 1.25 | 2.37 | 10 | 235 | 8907 | 11802 | 20945 | 2000 | 15 |
| 16 | 200 | 0.72 | 100 | 6.10 | 10.01 | 29 | 3364 | 49 | 13.6 | 50 | 0.63 | 1.04 | 0.09 | 16.59 | 75 | 0.78 | 2.47 | 10 | 248 | 9026 | 17801 | 27077 | 200 | 16 |
| 16 | 800 | 0.30 | 100 | 6.33 | 10.21 | 29 | 3386 | 49 | 11.6 | 49 | 0.55 | 0.57 | 0.09 | 16.93 | 75 | 0.43 | 2.47 | 10 | 262 | 9160 | 16165 | 25589 | 800 | 16 |
| 16 | 1400 | 0.21 | 100 | 6.48 | 10.41 | 30 | 3404 | 48 | 11.5 | 48 | 0.55 | 0.48 | 0.09 | 17.14 | 75 | 0.36 | 2.46 | 10 | 276 | 9224 | 9893 | 19395 | 1400 | 16 |
| 16 | 2000 | 0.21 | 100 | 6.64 | 10.63 | 30 | 3423 | 47 | 12.5 | 48 | 0.60 | 0.50 | 0.09 | 17.32 | 75 | 0.37 | 2.46 | 10 | 291 | 9134 | 5677 | 15103 | 2000 | 16 |
| 17 | 200 | 0.49 | 100 | 7.01 | 10.85 | 31 | 3443 | 46 | 12.6 | 47 | 0.62 | 0.78 | 0.09 | 17.52 | 75 | 0.59 | 2.52 | 10 | 306 | 8909 | 4908 | 14123 | 200 | 17 |
| 17 | 800 | 0.20 | 100 | 7.16 | 11.06 | 32 | 3463 | 45 | 12.5 | 46 | 0.63 | 0.49 | 0.09 | 17.80 | 75 | 0.37 | 2.52 | 10 | 321 | 8650 | 6096 | 15068 | 800 | 17 |
| 17 | 1400 | 0.15 | 100 | 7.27 | 11.28 | 32 | 3483 | 45 | 12.5 | 45 | 0.63 | 0.43 | 0.09 | 18.00 | 75 | 0.32 | 2.51 | 10 | 337 | 8408 | 5327 | 14073 | 1400 | 17 |
| 17 | 2000 | 0.15 | 100 | 7.38 | 11.49 | 33 | 3503 | 44 | 12.4 | 45 | 0.64 | 0.43 | 0.09 | 18.19 | 75 | 0.32 | 2.50 | 10 | 353 | 8152 | 4034 | 12540 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 7.38 | 11.72 | 33 | 3523 | 43 | 13.4 | 44 | 0.69 | 0.30 | 0.09 | 18.39 | 75 | 0.23 | 2.48 | 10 | 369 | 7841 | 3250 | 11461 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 7.38 | 11.95 | 34 | 3544 | 42 | 13.3 | 43 | 0.70 | 0.30 | 0.09 | 18.54 | 75 | 0.23 | 2.46 | 10 | 386 | 7450 | 2539 | 10377 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 7.38 | 12.17 | 35 | 3565 | 42 | 13.3 | 42 | 0.71 | 0.30 | 0.09 | 18.69 | 75 | 0.22 | 2.44 | 10 | 403 | 6983 | 2125 | 9513 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 7.38 | 12.39 | 35 | 3586 | 41 | 13.2 | 41 | 0.71 | 0.30 | 0.09 | 18.85 | 75 | 0.22 | 2.43 | 10 | 420 | 6490 | 1985 | 8896 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 7.38 | 12.66 | 36 | 3607 | 40 | 15.9 | 41 | 0.87 | 0.36 | 0.09 | 19.01 | 75 | 0.27 | 2.44 | 10 | 437 | 6035 | 2090 | 8564 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 7.38 | 12.96 | 37 | 3630 | 39 | 17.9 | 40 | 1.00 | 0.40 | 0.09 | 19.21 | 75 | 0.30 | 2.48 | 10 | 455 | 5667 | 2666 | 8790 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 7.38 | 13.29 | 38 | 3649 | 38 | 19.8 | 39 | 1.12 | 0.44 | 0.09 | 19.44 | 75 | 0.33 | 2.53 | 10 | 473 | 5401 | 3548 | 9424 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 7.38 | 13.65 | 39 | 3670 | 37 | 22.0 | 38 | 1.27 | 0.48 | 0.09 | 19.71 | 75 | 0.36 | 2.61 | 10 | 490 | 5220 | 4561 | 10273 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 7.38 | 14.03 | 40 | 3694 | 36 | 22.9 | 37 | 1.35 | 0.50 | 0.09 | 20.01 | 75 | 0.38 | 2.70 | 10 | 508 | 5093 | 5572 | 11174 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 7.38 | 14.40 | 41 | 3718 | 36 | 22.8 | 36 | 1.37 | 0.50 | 0.09 | 20.33 | 75 | 0.37 | 2.79 | 10 | 526 | 4992 | 6295 | 11815 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 7.38 | 14.77 | 42 | 3742 | 35 | 22.8 | 35 | 1.41 | 0.50 | 0.09 | 20.66 | 75 | 0.37 | 2.88 | 10 | 544 | 4901 | 6641 | 12088 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 7.38 | 15.15 | 43 | 3766 | 34 | 22.7 | 34 | 1.44 | 0.50 | 0.09 | 20.99 | 75 | 0.37 | 2.97 | 10 | 562 | 4809 | 6794 | 12167 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 7.38 | 15.58 | 45 | 3790 | 33 | 26.4 | 34 | 1.72 | 0.58 | 0.09 | 21.34 | 75 | 0.43 | 3.10 | 10 | 581 | 4712 | 7133 | 12427 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 7.38 | 16.01 | 46 | 3818 | 32 | 26.4 | 33 | 1.76 | 0.57 | 0.09 | 21.76 | 75 | 0.43 | 3.24 | 10 | 599 | 4610 | 7995 | 13205 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 7.38 | 16.43 | 47 | 3846 | 30 | 26.3 | 31 | 1.80 | 0.57 | 0.09 | 22.19 | 75 | 0.43 | 3.38 | 10 | 617 | 4502 | 8607 | 13727 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 7.38 | 16.85 | 48 | 3873 | 29 | 26.2 | 30 | 1.85 | 0.56 | 0.09 | 22.63 | 75 | 0.42 | 3.51 | 10 | 635 | 4389 | 8835 | 13861 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 7.38 | 17.30 | 49 | 3900 | 28 | 28.1 | 29 | 2.03 | 0.60 | 0.09 | 23.08 | 75 | 0.45 | 3.67 | 10 | 652 | 4271 | 9019 | 13944 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 7.38 | 17.74 | 51 | 3929 | 27 | 28.0 | 28 | 2.08 | 0.59 | 0.09 | 23.58 | 75 | 0.44 | 3.84 | 10 | 670 | 4149 | 9418 | 14238 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 7.38 | 18.17 | 52 | 3958 | 26 | 28.0 | 27 | 2.11 | 0.57 | 0.09 | 24.10 | 75 | 0.43 | 4.00 | 10 | 688 | 4023 | 9650 | 14362 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 7.38 | 18.59 | 53 | 3985 | 25 | 27.9 | 26 | 2.14 | 0.56 | 0.09 | 24.62 | 75 | 0.42 | 4.15 | 10 | 705 | 3894 | 9627 | 14228 | 2000 | 22 |



FORM 1811-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 8.0 LOCAL ABOVE DENALI DAMSITE 312 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.314 IN./DEGREE-DAY, AREA = 312.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 7.38 | 18.98 | 54 | 4021 | 24 | 26.8 | 25 | 2.08 | 0.52 | 0.09 | 25.15 | 75 | 0.39 | 4.29 | 10 | 723 | 3763 | 9401 | 13889 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 7.38 | 19.36 | 55 | 4064 | 23 | 26.7 | 24 | 2.10 | 0.51 | 0.09 | 25.67 | 75 | 0.38 | 4.42 | 10 | 740 | 3631 | 8991 | 13364 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 7.38 | 19.73 | 56 | 4105 | 22 | 26.7 | 23 | 2.12 | 0.49 | 0.09 | 26.19 | 75 | 0.37 | 4.54 | 10 | 757 | 3499 | 8625 | 12883 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 7.38 | 20.08 | 57 | 4146 | 21 | 26.6 | 22 | 2.14 | 0.47 | 0.09 | 26.72 | 75 | 0.36 | 4.67 | 10 | 774 | 3369 | 8344 | 12489 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 7.38 | 20.35 | 58 | 4184 | 21 | 20.5 | 21 | 1.67 | 0.36 | 0.09 | 27.25 | 75 | 0.27 | 4.69 | 10 | 790 | 3241 | 7789 | 11822 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 7.38 | 20.61 | 59 | 4214 | 20 | 20.5 | 21 | 1.68 | 0.35 | 0.09 | 27.65 | 75 | 0.26 | 4.72 | 10 | 807 | 3117 | 6569 | 10494 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 7.38 | 20.86 | 60 | 4242 | 20 | 20.4 | 20 | 1.68 | 0.34 | 0.09 | 28.06 | 75 | 0.25 | 4.75 | 10 | 823 | 2997 | 5688 | 9510 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 7.38 | 21.11 | 60 | 4260 | 19 | 20.4 | 20 | 1.69 | 0.33 | 0.09 | 28.46 | 75 | 0.25 | 4.77 | 10 | 839 | 2884 | 5303 | 9028 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 7.38 | 21.32 | 61 | 4275 | 19 | 17.4 | 19 | 1.45 | 0.28 | 0.09 | 28.87 | 75 | 0.21 | 4.75 | 10 | 855 | 2780 | 5003 | 8640 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 7.38 | 21.53 | 62 | 4288 | 19 | 17.4 | 19 | 1.46 | 0.28 | 0.09 | 29.21 | 75 | 0.21 | 4.73 | 10 | 870 | 2687 | 4464 | 8023 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 7.38 | 21.73 | 62 | 4301 | 18 | 17.4 | 19 | 1.47 | 0.27 | 0.09 | 29.55 | 75 | 0.21 | 4.71 | 10 | 886 | 2606 | 4091 | 7584 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 7.38 | 21.94 | 63 | 4313 | 18 | 17.3 | 18 | 1.47 | 0.27 | 0.09 | 29.90 | 75 | 0.20 | 4.70 | 10 | 901 | 2536 | 3938 | 7376 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 7.38 | 22.13 | 63 | 4326 | 18 | 16.3 | 18 | 1.40 | 0.25 | 0.09 | 30.25 | 75 | 0.19 | 4.67 | 10 | 915 | 2476 | 3829 | 7222 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 7.38 | 22.32 | 64 | 4337 | 18 | 16.3 | 18 | 1.40 | 0.25 | 0.09 | 30.58 | 75 | 0.19 | 4.65 | 10 | 930 | 2424 | 3642 | 6997 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 7.38 | 22.50 | 64 | 4349 | 17 | 16.3 | 18 | 1.41 | 0.25 | 0.09 | 30.91 | 75 | 0.19 | 4.63 | 10 | 944 | 2378 | 3506 | 6829 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 7.38 | 22.68 | 65 | 4360 | 17 | 16.3 | 17 | 1.41 | 0.24 | 0.09 | 31.24 | 75 | 0.18 | 4.61 | 10 | 958 | 2336 | 3440 | 6734 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 7.38 | 22.86 | 65 | 4372 | 17 | 15.2 | 17 | 1.33 | 0.23 | 0.09 | 31.57 | 75 | 0.17 | 4.57 | 10 | 971 | 2297 | 3357 | 6626 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 7.38 | 23.02 | 66 | 4382 | 17 | 15.2 | 17 | 1.34 | 0.22 | 0.09 | 31.88 | 75 | 0.17 | 4.54 | 10 | 984 | 2260 | 3183 | 6429 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 7.38 | 23.19 | 66 | 4392 | 16 | 15.2 | 17 | 1.34 | 0.22 | 0.09 | 32.20 | 75 | 0.17 | 4.51 | 10 | 997 | 2225 | 3055 | 6279 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 7.38 | 23.36 | 67 | 4403 | 16 | 15.2 | 16 | 1.34 | 0.22 | 0.09 | 32.51 | 75 | 0.17 | 4.49 | 10 | 1009 | 2192 | 2994 | 6197 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 7.38 | 23.52 | 67 | 4413 | 16 | 15.2 | 16 | 1.35 | 0.22 | 0.09 | 32.83 | 75 | 0.16 | 4.46 | 10 | 1022 | 2159 | 2960 | 6142 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 7.38 | 23.68 | 68 | 4423 | 16 | 15.1 | 16 | 1.35 | 0.22 | 0.09 | 33.14 | 75 | 0.16 | 4.44 | 10 | 1033 | 2128 | 2933 | 6096 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 7.38 | 23.84 | 68 | 4433 | 16 | 15.1 | 16 | 1.36 | 0.21 | 0.09 | 33.46 | 75 | 0.16 | 4.42 | 10 | 1045 | 2098 | 2907 | 6051 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 7.38 | 24.00 | 69 | 4443 | 15 | 15.1 | 15 | 1.36 | 0.21 | 0.09 | 33.78 | 75 | 0.16 | 4.41 | 10 | 1056 | 2068 | 2882 | 6007 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 7.38 | 24.14 | 69 | 4452 | 15 | 14.1 | 15 | 1.28 | 0.19 | 0.09 | 34.10 | 75 | 0.15 | 4.37 | 10 | 1066 | 2038 | 2815 | 5921 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 7.38 | 24.29 | 69 | 4461 | 15 | 14.1 | 15 | 1.28 | 0.19 | 0.09 | 34.39 | 75 | 0.14 | 4.34 | 10 | 1076 | 2009 | 2658 | 5745 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 7.38 | 24.43 | 70 | 4470 | 15 | 14.1 | 15 | 1.28 | 0.19 | 0.09 | 34.69 | 75 | 0.14 | 4.32 | 10 | 1086 | 1981 | 2540 | 5609 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 7.38 | 24.57 | 70 | 4479 | 15 | 14.1 | 15 | 1.29 | 0.19 | 0.09 | 34.99 | 75 | 0.14 | 4.29 | 10 | 1096 | 1953 | 2485 | 5535 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 7.38 | 24.70 | 71 | 4488 | 14 | 13.0 | 14 | 1.20 | 0.17 | 0.09 | 35.29 | 75 | 0.13 | 4.25 | 10 | 1105 | 1926 | 2415 | 5447 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 7.38 | 24.83 | 71 | 4496 | 14 | 13.0 | 14 | 1.20 | 0.17 | 0.09 | 35.57 | 75 | 0.13 | 4.22 | 10 | 1113 | 1899 | 2264 | 5278 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 7.38 | 24.96 | 71 | 4503 | 14 | 13.0 | 14 | 1.20 | 0.17 | 0.09 | 35.85 | 75 | 0.13 | 4.18 | 10 | 1121 | 1874 | 2154 | 5151 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y

FORM 1413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310883 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 | |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 108 | 10 | 7 | 125 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 4.00 | 32 | 0.00 | 0.03 | 57 | 108 | 10 | 6 | 125 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2350 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.98 | 32 | 0.00 | 0.03 | 57 | 108 | 13 | 4 | 126 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2351 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.97 | 32 | 0.00 | 0.03 | 57 | 108 | 19 | 3 | 131 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2351 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.95 | 32 | 0.00 | 0.03 | 57 | 108 | 27 | 3 | 139 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2352 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.94 | 31 | 0.00 | 0.03 | 57 | 108 | 36 | 3 | 148 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2352 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.92 | 31 | 0.00 | 0.02 | 57 | 107 | 44 | 3 | 155 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2353 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.90 | 31 | 0.00 | 0.02 | 58 | 107 | 49 | 3 | 161 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2353 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.89 | 31 | 0.00 | 0.02 | 58 | 107 | 53 | 3 | 165 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2353 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.87 | 31 | 0.00 | 0.02 | 58 | 107 | 56 | 3 | 168 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2354 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.86 | 31 | 0.00 | 0.02 | 58 | 107 | 58 | 3 | 169 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2354 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.84 | 31 | 0.00 | 0.02 | 58 | 107 | 58 | 3 | 170 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2355 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.82 | 31 | 0.00 | 0.02 | 58 | 107 | 59 | 3 | 170 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2355 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.81 | 30 | 0.00 | 0.02 | 58 | 107 | 59 | 3 | 170 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2355 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.79 | 30 | 0.00 | 0.02 | 58 | 107 | 59 | 3 | 170 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2356 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.77 | 30 | 0.00 | 0.02 | 58 | 107 | 58 | 3 | 170 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2356 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.76 | 30 | 0.00 | 0.02 | 58 | 107 | 58 | 3 | 169 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2357 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.74 | 30 | 0.00 | 0.02 | 58 | 107 | 58 | 2 | 169 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2357 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.73 | 30 | 0.00 | 0.02 | 58 | 107 | 57 | 2 | 169 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2358 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.71 | 30 | 0.00 | 0.02 | 58 | 107 | 57 | 2 | 168 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2358 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.69 | 30 | 0.00 | 0.02 | 58 | 107 | 57 | 2 | 168 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2358 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.68 | 29 | 0.00 | 0.02 | 58 | 107 | 56 | 2 | 168 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2359 | 100 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.66 | 29 | 0.00 | 0.02 | 58 | 107 | 56 | 2 | 167 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2359 | 99 | 1.1 | 35 | 0.03 | 0.01 | 0.09 | 3.65 | 29 | 0.00 | 0.02 | 58 | 107 | 55 | 2 | 167 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2359 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.63 | 29 | 0.00 | 0.02 | 58 | 107 | 55 | 2 | 166 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2360 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.61 | 29 | 0.00 | 0.02 | 58 | 107 | 55 | 2 | 166 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2360 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.60 | 29 | 0.00 | 0.02 | 58 | 107 | 54 | 2 | 166 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2361 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.58 | 29 | 0.00 | 0.01 | 58 | 107 | 54 | 2 | 165 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2361 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.57 | 29 | 0.00 | 0.01 | 59 | 107 | 54 | 2 | 165 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2361 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.55 | 28 | 0.00 | 0.01 | 59 | 107 | 53 | 2 | 165 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2362 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.54 | 28 | 0.00 | 0.01 | 59 | 107 | 53 | 2 | 164 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2362 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.52 | 28 | 0.00 | 0.01 | 59 | 107 | 53 | 2 | 164 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2362 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.50 | 28 | 0.00 | 0.01 | 59 | 107 | 52 | 2 | 163 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2363 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.49 | 28 | 0.00 | 0.01 | 59 | 107 | 52 | 2 | 163 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2363 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.47 | 28 | 0.00 | 0.01 | 59 | 107 | 52 | 2 | 163 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2364 | 99 | 1.1 | 34 | 0.03 | 0.01 | 0.09 | 3.46 | 28 | 0.00 | 0.01 | 59 | 107 | 51 | 2 | 162 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2364 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.44 | 28 | 0.00 | 0.01 | 59 | 107 | 51 | 2 | 162 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2364 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.42 | 27 | 0.00 | 0.01 | 59 | 107 | 51 | 2 | 162 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2365 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.41 | 27 | 0.00 | 0.01 | 59 | 107 | 51 | 2 | 161 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2365 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.39 | 27 | 0.00 | 0.01 | 59 | 107 | 50 | 2 | 161 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2365 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.38 | 27 | 0.00 | 0.01 | 59 | 107 | 50 | 2 | 161 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2366 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.36 | 27 | 0.00 | 0.01 | 59 | 107 | 50 | 2 | 160 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2366 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.34 | 27 | 0.00 | 0.01 | 59 | 107 | 49 | 2 | 160 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2366 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.33 | 27 | 0.00 | 0.01 | 59 | 107 | 49 | 2 | 159 | 800 | 12 |



FORM 1411-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.101 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2367 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.31 | 27 | 0.00 | 0.01 | 59 | 107 | 49 | 2 | 159 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2367 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.30 | 26 | 0.00 | 0.01 | 59 | 107 | 48 | 2 | 159 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2367 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.28 | 26 | 0.00 | 0.01 | 59 | 107 | 48 | 2 | 158 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2368 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.27 | 26 | 0.00 | 0.01 | 59 | 107 | 48 | 2 | 158 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2368 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.25 | 26 | 0.00 | 0.01 | 59 | 107 | 48 | 2 | 158 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2369 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.23 | 26 | 0.00 | 0.01 | 59 | 106 | 47 | 2 | 157 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2369 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.22 | 26 | 0.00 | 0.01 | 59 | 106 | 47 | 2 | 157 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2369 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.20 | 26 | 0.00 | 0.01 | 59 | 106 | 47 | 2 | 156 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2370 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.19 | 25 | 0.00 | 0.01 | 59 | 106 | 46 | 2 | 156 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2370 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.17 | 25 | 0.00 | 0.01 | 59 | 106 | 46 | 2 | 156 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2370 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.15 | 25 | 0.00 | 0.01 | 59 | 106 | 46 | 2 | 155 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2370 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.14 | 25 | 0.00 | 0.01 | 59 | 106 | 46 | 2 | 155 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2371 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.12 | 25 | 0.00 | 0.01 | 59 | 106 | 45 | 2 | 155 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2371 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.11 | 25 | 0.00 | 0.01 | 59 | 106 | 45 | 2 | 154 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2371 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.09 | 25 | 0.00 | 0.01 | 59 | 106 | 45 | 2 | 154 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2372 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.08 | 25 | 0.00 | 0.01 | 59 | 106 | 44 | 2 | 153 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2372 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.06 | 24 | 0.00 | 0.01 | 59 | 105 | 44 | 2 | 153 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2372 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.04 | 24 | 0.00 | 0.01 | 59 | 105 | 44 | 2 | 152 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2373 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.03 | 24 | 0.00 | 0.01 | 59 | 105 | 44 | 2 | 152 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.16 | 1 | 2373 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.01 | 24 | 0.00 | 0.01 | 59 | 105 | 43 | 2 | 152 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.16 | 1 | 2373 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 3.00 | 24 | 0.00 | 0.01 | 59 | 105 | 43 | 2 | 151 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2374 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.98 | 24 | 0.00 | 0.01 | 59 | 105 | 43 | 2 | 151 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2374 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.97 | 24 | 0.00 | 0.01 | 59 | 105 | 43 | 2 | 150 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2374 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.95 | 24 | 0.00 | 0.01 | 59 | 104 | 42 | 2 | 150 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2375 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.93 | 23 | 0.00 | 0.01 | 59 | 104 | 42 | 2 | 150 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2375 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.92 | 23 | 0.00 | 0.01 | 59 | 104 | 42 | 2 | 149 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2375 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.90 | 23 | 0.00 | 0.01 | 59 | 104 | 42 | 2 | 149 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2375 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.89 | 23 | 0.00 | 0.01 | 59 | 104 | 41 | 2 | 148 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2376 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.87 | 23 | 0.00 | 0.01 | 59 | 104 | 41 | 2 | 148 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2376 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.86 | 23 | 0.00 | 0.01 | 59 | 103 | 41 | 2 | 147 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2376 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.84 | 23 | 0.00 | 0.01 | 59 | 103 | 40 | 2 | 147 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2377 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.83 | 23 | 0.00 | 0.01 | 59 | 103 | 40 | 2 | 146 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2377 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.81 | 22 | 0.00 | 0.01 | 59 | 103 | 40 | 2 | 146 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2377 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.79 | 22 | 0.00 | 0.01 | 59 | 103 | 40 | 2 | 146 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2377 | 99 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.78 | 22 | 0.00 | 0.01 | 59 | 103 | 39 | 2 | 145 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2378 | 98 | 1.0 | 34 | 0.03 | 0.01 | 0.09 | 2.76 | 22 | 0.00 | 0.01 | 59 | 102 | 39 | 2 | 145 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2378 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.75 | 22 | 0.00 | 0.01 | 59 | 102 | 39 | 2 | 144 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2378 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.73 | 22 | 0.00 | 0.01 | 59 | 102 | 39 | 2 | 144 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2379 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.72 | 22 | 0.00 | 0.01 | 59 | 102 | 38 | 2 | 143 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2379 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.70 | 22 | 0.00 | 0.01 | 59 | 102 | 38 | 1 | 143 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2379 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.68 | 21 | 0.00 | 0.01 | 59 | 101 | 38 | 1 | 142 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2379 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.67 | 21 | 0.00 | 0.01 | 59 | 101 | 38 | 1 | 142 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2380 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.65 | 21 | 0.00 | 0.01 | 59 | 101 | 37 | 1 | 141 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2380 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.64 | 21 | 0.00 | 0.01 | 59 | 101 | 37 | 1 | 141 | 800 | 23 |

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.102 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2380 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.62 | 21 | 0.00 | 0.01 | 59 | 100 | 37 | 1 | 140 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2380 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.61 | 21 | 0.00 | 0.01 | 59 | 100 | 37 | 1 | 140 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2381 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.59 | 21 | 0.00 | 0.01 | 59 | 100 | 36 | 1 | 139 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2381 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.58 | 21 | 0.00 | 0.01 | 59 | 100 | 36 | 1 | 139 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2381 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.56 | 20 | 0.00 | 0.01 | 59 | 99 | 36 | 1 | 138 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2382 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.54 | 20 | 0.00 | 0.01 | 59 | 99 | 36 | 1 | 138 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2382 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.53 | 20 | 0.00 | 0.01 | 59 | 99 | 35 | 1 | 137 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2382 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.51 | 20 | 0.00 | 0.01 | 59 | 99 | 35 | 1 | 137 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2382 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.50 | 20 | 0.00 | 0.01 | 59 | 98 | 35 | 1 | 136 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2383 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.48 | 20 | 0.00 | 0.01 | 59 | 98 | 35 | 1 | 136 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2383 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.47 | 20 | 0.00 | 0.01 | 59 | 98 | 34 | 1 | 135 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2383 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.45 | 20 | 0.00 | 0.01 | 59 | 98 | 34 | 1 | 135 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2383 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.44 | 20 | 0.00 | 0.01 | 59 | 97 | 34 | 1 | 134 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2384 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.42 | 20 | 0.00 | 0.01 | 59 | 97 | 34 | 1 | 134 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2384 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.41 | 20 | 0.00 | 0.01 | 59 | 97 | 34 | 1 | 133 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2384 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.39 | 20 | 0.00 | 0.01 | 59 | 96 | 34 | 1 | 133 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2384 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.37 | 19 | 0.00 | 0.01 | 59 | 96 | 33 | 1 | 132 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2384 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.36 | 19 | 0.00 | 0.01 | 59 | 96 | 33 | 1 | 132 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2385 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.34 | 19 | 0.00 | 0.01 | 59 | 96 | 33 | 1 | 131 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2385 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.33 | 19 | 0.00 | 0.01 | 59 | 95 | 33 | 1 | 131 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2385 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.31 | 19 | 0.00 | 0.01 | 59 | 95 | 33 | 1 | 131 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2385 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.30 | 19 | 0.00 | 0.01 | 59 | 95 | 33 | 1 | 130 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2386 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.28 | 19 | 0.00 | 0.01 | 59 | 94 | 33 | 1 | 130 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2386 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.27 | 19 | 0.00 | 0.01 | 59 | 94 | 32 | 1 | 129 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2386 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.25 | 19 | 0.00 | 0.01 | 59 | 94 | 32 | 1 | 129 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2386 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.24 | 19 | 0.00 | 0.01 | 59 | 93 | 32 | 1 | 128 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2387 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.22 | 19 | 0.00 | 0.01 | 59 | 93 | 32 | 1 | 128 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2387 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.20 | 19 | 0.00 | 0.01 | 59 | 93 | 32 | 1 | 127 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2387 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.19 | 19 | 0.00 | 0.01 | 59 | 93 | 32 | 1 | 127 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2387 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.17 | 19 | 0.00 | 0.01 | 59 | 92 | 32 | 1 | 127 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2388 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.16 | 19 | 0.00 | 0.01 | 59 | 92 | 32 | 1 | 126 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2388 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.14 | 19 | 0.00 | 0.01 | 59 | 92 | 31 | 1 | 126 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2388 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.13 | 19 | 0.00 | 0.01 | 59 | 91 | 31 | 1 | 125 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2388 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.11 | 18 | 0.00 | 0.01 | 59 | 91 | 31 | 1 | 125 | 2000 | 31 |

FORM 141-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.102 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | R-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2388 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.10 | 18 | 0.00 | 0.01 | 59 | 91 | 31 | 1 | 124 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2389 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.08 | 18 | 0.00 | 0.01 | 59 | 90 | 31 | 1 | 124 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2389 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.07 | 18 | 0.00 | 0.01 | 59 | 90 | 31 | 1 | 123 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2389 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.05 | 18 | 0.00 | 0.01 | 59 | 90 | 31 | 1 | 123 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2389 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.03 | 18 | 0.00 | 0.01 | 59 | 89 | 31 | 1 | 122 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2390 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.02 | 18 | 0.00 | 0.01 | 59 | 89 | 30 | 1 | 122 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2390 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 2.00 | 18 | 0.00 | 0.01 | 59 | 89 | 30 | 1 | 121 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2390 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 1.99 | 18 | 0.00 | 0.01 | 59 | 88 | 30 | 1 | 121 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2390 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 1.97 | 18 | 0.00 | 0.01 | 59 | 88 | 30 | 1 | 121 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2390 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 1.96 | 18 | 0.00 | 0.01 | 59 | 88 | 30 | 1 | 120 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2391 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 1.94 | 18 | 0.00 | 0.01 | 59 | 87 | 30 | 1 | 120 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2391 | 98 | 1.0 | 33 | 0.03 | 0.01 | 0.09 | 1.93 | 18 | 0.00 | 0.01 | 59 | 87 | 30 | 1 | 119 | 2000 | 3 |
| 4 | 200 | 0.00 | 2 | 0.00 | 0.29 | 1 | 2391 | 98 | 1.6 | 47 | 0.04 | 0.02 | 0.09 | 1.91 | 18 | 0.00 | 0.01 | 59 | 87 | 30 | 1 | 119 | 200 | 4 |
| 4 | 800 | 0.00 | 2 | 0.00 | 0.29 | 1 | 2392 | 98 | 1.6 | 47 | 0.04 | 0.02 | 0.09 | 1.90 | 18 | 0.00 | 0.01 | 59 | 86 | 32 | 2 | 122 | 800 | 4 |
| 4 | 1400 | 0.00 | 35 | 0.00 | 0.30 | 1 | 2392 | 98 | 2.6 | 75 | 0.07 | 0.05 | 0.09 | 1.90 | 18 | 0.01 | 0.01 | 59 | 86 | 37 | 3 | 128 | 1400 | 4 |
| 4 | 2000 | 0.00 | 35 | 0.00 | 0.31 | 1 | 2393 | 98 | 2.6 | 75 | 0.07 | 0.05 | 0.09 | 1.92 | 18 | 0.01 | 0.01 | 59 | 85 | 49 | 6 | 142 | 2000 | 4 |
| 5 | 200 | 0.00 | 78 | 0.00 | 0.33 | 1 | 2395 | 97 | 5.1 | 91 | 0.13 | 0.12 | 0.09 | 1.94 | 18 | 0.02 | 0.02 | 59 | 85 | 71 | 10 | 167 | 200 | 5 |
| 5 | 800 | 0.00 | 85 | 0.00 | 0.36 | 1 | 2398 | 97 | 6.0 | 94 | 0.15 | 0.14 | 0.09 | 2.02 | 18 | 0.03 | 0.02 | 58 | 85 | 108 | 17 | 211 | 800 | 5 |
| 5 | 1400 | 0.00 | 96 | 0.00 | 0.40 | 1 | 2402 | 97 | 9.0 | 94 | 0.23 | 0.22 | 0.09 | 2.12 | 18 | 0.04 | 0.03 | 58 | 84 | 169 | 25 | 280 | 1400 | 5 |
| 5 | 2000 | 0.00 | 97 | 0.00 | 0.45 | 1 | 2407 | 96 | 11.8 | 97 | 0.31 | 0.30 | 0.09 | 2.28 | 19 | 0.06 | 0.04 | 57 | 84 | 259 | 37 | 382 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 0.52 | 2 | 2416 | 96 | 12.8 | 96 | 0.33 | 0.32 | 0.09 | 2.50 | 20 | 0.06 | 0.05 | 56 | 84 | 387 | 52 | 525 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 0.60 | 2 | 2425 | 95 | 15.8 | 96 | 0.41 | 0.39 | 0.09 | 2.75 | 22 | 0.09 | 0.07 | 55 | 83 | 557 | 68 | 709 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 0.71 | 2 | 2437 | 94 | 17.8 | 95 | 0.47 | 0.44 | 0.09 | 3.05 | 24 | 0.11 | 0.09 | 53 | 83 | 772 | 89 | 946 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 0.84 | 3 | 2453 | 93 | 19.8 | 94 | 0.52 | 0.49 | 0.09 | 3.38 | 27 | 0.13 | 0.12 | 51 | 83 | 1044 | 120 | 1249 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 1.01 | 3 | 2472 | 92 | 22.7 | 93 | 0.61 | 0.56 | 0.09 | 3.74 | 30 | 0.17 | 0.16 | 49 | 82 | 1389 | 173 | 1646 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 1.22 | 4 | 2497 | 91 | 24.7 | 92 | 0.67 | 0.61 | 0.09 | 4.15 | 33 | 0.20 | 0.20 | 47 | 82 | 1824 | 256 | 2163 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 1.46 | 5 | 2526 | 89 | 26.6 | 90 | 0.73 | 0.66 | 0.09 | 4.58 | 37 | 0.24 | 0.25 | 45 | 82 | 2364 | 368 | 2815 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 1.71 | 5 | 2561 | 87 | 26.1 | 89 | 0.73 | 0.64 | 0.09 | 5.03 | 40 | 0.26 | 0.31 | 41 | 81 | 3014 | 518 | 3615 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 1.97 | 6 | 2599 | 85 | 25.3 | 87 | 0.72 | 0.62 | 0.09 | 5.45 | 41 | 0.26 | 0.36 | 37 | 81 | 3754 | 673 | 4509 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 2.23 | 7 | 2636 | 83 | 25.2 | 85 | 0.73 | 0.61 | 0.09 | 5.86 | 42 | 0.26 | 0.41 | 34 | 81 | 4536 | 805 | 5423 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.00 | 2.49 | 8 | 2674 | 81 | 24.3 | 82 | 0.71 | 0.60 | 0.09 | 6.26 | 44 | 0.26 | 0.46 | 32 | 81 | 5301 | 921 | 6303 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.01 | 2.75 | 9 | 2711 | 79 | 24.3 | 80 | 0.72 | 0.59 | 0.09 | 6.66 | 45 | 0.27 | 0.51 | 30 | 81 | 6000 | 1020 | 7102 | 2000 | 8 |
| 9 | 200 | 0.03 | 100 | 0.02 | 3.01 | 9 | 2740 | 78 | 23.7 | 79 | 0.72 | 0.60 | 0.09 | 7.05 | 46 | 0.27 | 0.57 | 29 | 80 | 6610 | 1117 | 7809 | 200 | 9 |
| 9 | 800 | 0.03 | 100 | 0.04 | 3.28 | 10 | 2765 | 76 | 23.7 | 78 | 0.73 | 0.60 | 0.09 | 7.44 | 47 | 0.28 | 0.62 | 28 | 80 | 7134 | 1230 | 8446 | 800 | 9 |
| 9 | 1400 | 0.03 | 100 | 0.05 | 3.54 | 11 | 2791 | 75 | 23.1 | 76 | 0.73 | 0.58 | 0.09 | 7.83 | 48 | 0.28 | 0.67 | 27 | 80 | 7584 | 1349 | 9015 | 1400 | 9 |
| 9 | 2000 | 0.03 | 100 | 0.07 | 3.81 | 12 | 2816 | 73 | 23.1 | 75 | 0.74 | 0.58 | 0.09 | 8.21 | 49 | 0.29 | 0.72 | 26 | 81 | 7967 | 1458 | 9507 | 2000 | 9 |
| 10 | 200 | 0.09 | 100 | 0.11 | 4.08 | 13 | 2843 | 72 | 22.2 | 73 | 0.72 | 0.62 | 0.09 | 8.59 | 50 | 0.31 | 0.77 | 25 | 81 | 8301 | 1606 | 9989 | 200 | 10 |
| 10 | 800 | 0.10 | 100 | 0.16 | 4.35 | 14 | 2868 | 71 | 22.2 | 72 | 0.73 | 0.62 | 0.09 | 8.99 | 51 | 0.32 | 0.83 | 24 | 81 | 8614 | 1836 | 10533 | 800 | 10 |
| 10 | 1400 | 0.19 | 100 | 0.21 | 4.62 | 14 | 2894 | 69 | 21.9 | 71 | 0.73 | 0.61 | 0.09 | 9.39 | 53 | 0.32 | 0.88 | 23 | 82 | 8932 | 2074 | 11090 | 1400 | 10 |
| 10 | 2000 | 0.19 | 100 | 0.26 | 4.90 | 15 | 2921 | 68 | 21.9 | 69 | 0.74 | 0.61 | 0.09 | 9.78 | 54 | 0.33 | 0.94 | 22 | 83 | 9252 | 2275 | 11612 | 2000 | 10 |
| 11 | 200 | 0.07 | 100 | 0.30 | 5.17 | 16 | 2947 | 66 | 21.0 | 68 | 0.73 | 0.56 | 0.09 | 10.16 | 55 | 0.31 | 0.99 | 21 | 84 | 9551 | 2417 | 12053 | 200 | 11 |
| 11 | 800 | 0.07 | 100 | 0.34 | 5.44 | 17 | 2974 | 65 | 21.0 | 66 | 0.74 | 0.56 | 0.09 | 10.52 | 56 | 0.31 | 1.04 | 20 | 85 | 9798 | 2452 | 12336 | 800 | 11 |
| 11 | 1400 | 0.11 | 100 | 0.40 | 5.71 | 18 | 3000 | 64 | 20.7 | 65 | 0.74 | 0.58 | 0.09 | 10.87 | 57 | 0.33 | 1.09 | 20 | 86 | 9978 | 2556 | 12622 | 1400 | 11 |
| 11 | 2000 | 0.25 | 100 | 0.55 | 5.98 | 19 | 3030 | 62 | 20.7 | 63 | 0.75 | 0.73 | 0.09 | 11.23 | 58 | 0.42 | 1.16 | 19 | 88 | 10135 | 3033 | 13257 | 2000 | 11 |



FORM 1115
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.149 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.09 | 100 | 0.60 | 6.24 | 19 | 3060 | 61 | 18.6 | 62 | 0.68 | 0.51 | 0.09 | 11.66 | 59 | 0.30 | 1.20 | 18 | 89 | 10326 | 3687 | 14103 | 200 | 12 |
| 12 | 800 | 0.09 | 100 | 0.65 | 6.47 | 20 | 3088 | 60 | 17.6 | 61 | 0.65 | 0.48 | 0.09 | 11.97 | 60 | 0.29 | 1.24 | 18 | 91 | 10516 | 3327 | 13936 | 800 | 12 |
| 12 | 1400 | 0.12 | 100 | 0.72 | 6.70 | 21 | 3112 | 59 | 16.5 | 60 | 0.62 | 0.49 | 0.09 | 12.26 | 61 | 0.30 | 1.27 | 18 | 94 | 10603 | 2822 | 13520 | 1400 | 12 |
| 12 | 2000 | 0.29 | 100 | 0.90 | 6.92 | 22 | 3131 | 58 | 15.5 | 59 | 0.60 | 0.64 | 0.09 | 12.54 | 63 | 0.40 | 1.33 | 17 | 96 | 10589 | 2926 | 13614 | 2000 | 12 |
| 13 | 200 | 0.12 | 100 | 0.98 | 7.15 | 22 | 3150 | 57 | 15.5 | 58 | 0.61 | 0.47 | 0.09 | 12.87 | 64 | 0.30 | 1.36 | 17 | 99 | 10577 | 3520 | 14198 | 200 | 13 |
| 13 | 800 | 0.12 | 100 | 1.05 | 7.38 | 23 | 3169 | 56 | 15.4 | 57 | 0.62 | 0.47 | 0.09 | 13.12 | 66 | 0.31 | 1.40 | 16 | 103 | 10501 | 3386 | 14092 | 800 | 13 |
| 13 | 1400 | 0.15 | 100 | 1.15 | 7.62 | 24 | 3188 | 55 | 15.4 | 56 | 0.63 | 0.51 | 0.09 | 13.37 | 67 | 0.34 | 1.44 | 16 | 106 | 10613 | 3246 | 13967 | 1400 | 13 |
| 13 | 2000 | 0.39 | 100 | 1.42 | 7.86 | 25 | 3207 | 54 | 15.4 | 55 | 0.64 | 0.75 | 0.09 | 13.62 | 68 | 0.51 | 1.52 | 16 | 110 | 10633 | 4077 | 14821 | 2000 | 13 |
| 14 | 200 | 0.14 | 100 | 1.52 | 8.09 | 25 | 3227 | 53 | 14.5 | 54 | 0.62 | 0.48 | 0.09 | 13.95 | 70 | 0.33 | 1.56 | 15 | 115 | 10751 | 5616 | 16483 | 200 | 14 |
| 14 | 800 | 0.14 | 100 | 1.62 | 8.33 | 26 | 3247 | 52 | 14.5 | 53 | 0.63 | 0.48 | 0.09 | 14.18 | 71 | 0.34 | 1.60 | 14 | 120 | 10947 | 5204 | 16272 | 800 | 14 |
| 14 | 1400 | 0.19 | 100 | 1.75 | 8.57 | 27 | 3267 | 52 | 14.5 | 52 | 0.64 | 0.52 | 0.09 | 14.40 | 72 | 0.38 | 1.64 | 14 | 125 | 11101 | 4626 | 15853 | 1400 | 14 |
| 14 | 2000 | 0.47 | 100 | 2.10 | 8.82 | 28 | 3287 | 51 | 14.4 | 51 | 0.65 | 0.81 | 0.09 | 14.63 | 73 | 0.59 | 1.74 | 14 | 130 | 11199 | 5763 | 17094 | 2000 | 14 |
| 15 | 200 | 0.24 | 100 | 2.27 | 9.08 | 28 | 3307 | 50 | 15.4 | 50 | 0.71 | 0.59 | 0.09 | 14.93 | 75 | 0.44 | 1.81 | 13 | 136 | 11336 | 8481 | 19955 | 200 | 15 |
| 15 | 800 | 0.24 | 100 | 2.45 | 9.35 | 29 | 3329 | 48 | 15.4 | 49 | 0.72 | 0.59 | 0.09 | 15.17 | 75 | 0.44 | 1.87 | 12 | 143 | 11540 | 8868 | 20552 | 800 | 15 |
| 15 | 1400 | 0.31 | 100 | 2.68 | 9.62 | 30 | 3352 | 47 | 15.3 | 48 | 0.73 | 0.67 | 0.09 | 15.40 | 75 | 0.50 | 1.95 | 11 | 150 | 11737 | 8775 | 20663 | 1400 | 15 |
| 15 | 2000 | 0.78 | 100 | 3.27 | 9.88 | 31 | 3374 | 46 | 15.3 | 47 | 0.75 | 1.14 | 0.09 | 15.66 | 75 | 0.85 | 2.10 | 11 | 157 | 11900 | 11491 | 23549 | 2000 | 15 |
| 16 | 200 | 0.43 | 100 | 3.59 | 10.13 | 32 | 3396 | 45 | 14.1 | 46 | 0.70 | 0.75 | 0.09 | 16.05 | 75 | 0.56 | 2.18 | 10 | 165 | 12082 | 16701 | 28949 | 200 | 16 |
| 16 | 800 | 0.18 | 100 | 3.72 | 10.33 | 32 | 3416 | 45 | 12.0 | 45 | 0.61 | 0.45 | 0.09 | 16.33 | 75 | 0.34 | 2.19 | 10 | 173 | 12275 | 15245 | 27695 | 800 | 16 |
| 16 | 1400 | 0.12 | 100 | 3.81 | 10.54 | 33 | 3433 | 44 | 12.0 | 45 | 0.62 | 0.40 | 0.09 | 16.52 | 75 | 0.30 | 2.20 | 10 | 182 | 12347 | 9775 | 22305 | 1400 | 16 |
| 16 | 2000 | 0.12 | 100 | 3.91 | 10.76 | 34 | 3450 | 43 | 13.0 | 44 | 0.68 | 0.42 | 0.09 | 16.70 | 75 | 0.32 | 2.21 | 10 | 191 | 12180 | 6174 | 18546 | 2000 | 16 |
| 17 | 200 | 0.29 | 100 | 4.13 | 10.98 | 34 | 3469 | 42 | 13.1 | 43 | 0.69 | 0.59 | 0.09 | 16.90 | 75 | 0.44 | 2.26 | 10 | 200 | 11819 | 5604 | 17625 | 200 | 17 |
| 17 | 800 | 0.12 | 100 | 4.22 | 11.21 | 35 | 3487 | 41 | 13.1 | 42 | 0.70 | 0.42 | 0.09 | 17.14 | 75 | 0.31 | 2.27 | 10 | 210 | 11415 | 6658 | 18285 | 800 | 17 |
| 17 | 1400 | 0.09 | 100 | 4.28 | 11.43 | 36 | 3506 | 40 | 13.1 | 41 | 0.71 | 0.38 | 0.09 | 17.34 | 75 | 0.28 | 2.28 | 10 | 221 | 11047 | 6100 | 17369 | 1400 | 17 |
| 17 | 2000 | 0.09 | 100 | 4.35 | 11.64 | 36 | 3524 | 40 | 13.1 | 40 | 0.72 | 0.38 | 0.09 | 17.53 | 75 | 0.28 | 2.29 | 10 | 232 | 10678 | 5076 | 15987 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 4.35 | 11.88 | 37 | 3539 | 39 | 14.0 | 40 | 0.78 | 0.31 | 0.09 | 17.73 | 75 | 0.23 | 2.30 | 10 | 243 | 10266 | 4467 | 14978 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 4.35 | 12.11 | 38 | 3552 | 38 | 14.0 | 39 | 0.80 | 0.31 | 0.09 | 17.90 | 75 | 0.23 | 2.30 | 10 | 255 | 9794 | 3950 | 14001 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 4.35 | 12.34 | 39 | 3566 | 38 | 14.0 | 38 | 0.81 | 0.31 | 0.09 | 18.08 | 75 | 0.23 | 2.31 | 10 | 268 | 9274 | 3673 | 13216 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 4.35 | 12.57 | 39 | 3579 | 37 | 14.0 | 38 | 0.82 | 0.31 | 0.09 | 18.26 | 75 | 0.23 | 2.32 | 10 | 280 | 8751 | 3608 | 12640 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 4.35 | 12.85 | 40 | 3593 | 36 | 16.7 | 37 | 0.99 | 0.37 | 0.09 | 18.45 | 75 | 0.28 | 2.36 | 10 | 294 | 8281 | 3883 | 12459 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 4.35 | 13.15 | 41 | 3609 | 36 | 18.7 | 36 | 1.13 | 0.41 | 0.09 | 18.68 | 75 | 0.31 | 2.43 | 10 | 307 | 7896 | 4959 | 13163 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 4.35 | 13.49 | 42 | 3626 | 35 | 20.7 | 35 | 1.27 | 0.45 | 0.09 | 18.94 | 75 | 0.34 | 2.51 | 10 | 321 | 7598 | 6461 | 14382 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 4.35 | 13.86 | 43 | 3646 | 34 | 22.8 | 35 | 1.44 | 0.50 | 0.09 | 19.25 | 75 | 0.37 | 2.62 | 10 | 336 | 7370 | 8083 | 15791 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 4.35 | 14.25 | 45 | 3667 | 33 | 23.6 | 34 | 1.54 | 0.52 | 0.09 | 19.59 | 75 | 0.39 | 2.75 | 10 | 350 | 7185 | 9653 | 17190 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 4.35 | 14.63 | 46 | 3690 | 32 | 23.5 | 32 | 1.57 | 0.51 | 0.09 | 19.97 | 75 | 0.38 | 2.87 | 10 | 366 | 7018 | 10764 | 18149 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 4.35 | 15.01 | 47 | 3712 | 31 | 23.4 | 31 | 1.61 | 0.50 | 0.09 | 20.35 | 75 | 0.38 | 2.99 | 10 | 381 | 6856 | 11270 | 18509 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 4.35 | 15.39 | 48 | 3734 | 29 | 23.3 | 30 | 1.64 | 0.50 | 0.09 | 20.74 | 75 | 0.37 | 3.11 | 10 | 397 | 6689 | 11428 | 18515 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 4.35 | 15.81 | 49 | 3755 | 28 | 27.0 | 29 | 1.94 | 0.57 | 0.09 | 21.14 | 75 | 0.43 | 3.29 | 10 | 413 | 6515 | 11818 | 18748 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 4.35 | 16.24 | 51 | 3780 | 27 | 26.8 | 28 | 1.99 | 0.56 | 0.09 | 21.62 | 75 | 0.42 | 3.45 | 10 | 430 | 6334 | 12964 | 19730 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 4.35 | 16.65 | 52 | 3805 | 26 | 26.7 | 27 | 2.02 | 0.55 | 0.09 | 22.11 | 75 | 0.41 | 3.62 | 10 | 447 | 6146 | 13694 | 20289 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 4.35 | 17.04 | 53 | 3828 | 25 | 26.6 | 26 | 2.04 | 0.53 | 0.09 | 22.61 | 75 | 0.40 | 3.78 | 10 | 464 | 5952 | 13775 | 20193 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 4.35 | 17.46 | 55 | 3851 | 24 | 28.5 | 25 | 2.21 | 0.55 | 0.09 | 23.12 | 75 | 0.41 | 3.96 | 10 | 482 | 5752 | 13706 | 19941 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 4.35 | 17.85 | 56 | 3875 | 23 | 28.5 | 24 | 2.23 | 0.53 | 0.09 | 23.67 | 75 | 0.40 | 4.14 | 10 | 499 | 5548 | 13904 | 19952 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 4.35 | 18.24 | 57 | 3898 | 22 | 28.2 | 23 | 2.25 | 0.51 | 0.09 | 24.23 | 75 | 0.38 | 4.31 | 10 | 517 | 5341 | 13073 | 19732 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 4.35 | 18.61 | 58 | 3920 | 21 | 28.1 | 22 | 2.27 | 0.49 | 0.09 | 24.79 | 75 | 0.37 | 4.47 | 10 | 535 | 5132 | 13554 | 19223 | 2000 | 22 |



FORM 1311-5
PRINTED IN U.S.A.

BASIN RESULTS - STATION 18.0 SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.331 IN./DEGREE-DAY, AREA = 477.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BFI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 4.35 | 18.95 | 59 | 3942 | 20 | 27.0 | 21 | 2.21 | 0.46 | 0.09 | 25.36 | 75 | 0.34 | 4.61 | 10 | 554 | 4924 | 13042 | 18521 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 4.35 | 19.28 | 60 | 3960 | 19 | 26.9 | 20 | 2.22 | 0.44 | 0.09 | 25.91 | 75 | 0.33 | 4.74 | 10 | 573 | 4717 | 12343 | 17634 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 4.35 | 19.60 | 61 | 3970 | 19 | 26.8 | 19 | 2.24 | 0.43 | 0.09 | 26.45 | 75 | 0.32 | 4.86 | 10 | 591 | 4515 | 11777 | 16885 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 4.35 | 19.92 | 62 | 3981 | 18 | 26.8 | 19 | 2.26 | 0.42 | 0.09 | 27.00 | 75 | 0.32 | 4.98 | 10 | 610 | 4323 | 11440 | 16374 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 4.35 | 20.16 | 63 | 3991 | 18 | 20.7 | 18 | 1.76 | 0.32 | 0.09 | 27.55 | 75 | 0.24 | 5.01 | 10 | 629 | 4146 | 10792 | 15569 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 4.35 | 20.40 | 64 | 3999 | 18 | 20.7 | 18 | 1.77 | 0.32 | 0.09 | 27.98 | 75 | 0.24 | 5.03 | 10 | 649 | 3988 | 9240 | 13878 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 4.35 | 20.64 | 64 | 4022 | 17 | 20.6 | 18 | 1.78 | 0.31 | 0.09 | 28.40 | 75 | 0.24 | 5.05 | 10 | 668 | 3849 | 8130 | 12648 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 4.35 | 20.87 | 65 | 4047 | 17 | 20.6 | 17 | 1.79 | 0.31 | 0.09 | 28.83 | 75 | 0.23 | 5.08 | 10 | 687 | 3727 | 7671 | 12087 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 4.35 | 21.06 | 66 | 4072 | 17 | 17.5 | 17 | 1.54 | 0.26 | 0.09 | 29.26 | 75 | 0.19 | 5.05 | 10 | 707 | 3620 | 7277 | 11605 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 4.35 | 21.26 | 66 | 4092 | 16 | 17.5 | 17 | 1.54 | 0.26 | 0.09 | 29.63 | 75 | 0.19 | 5.03 | 10 | 726 | 3525 | 6509 | 10763 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 4.35 | 21.44 | 67 | 4113 | 16 | 17.5 | 16 | 1.55 | 0.25 | 0.09 | 29.99 | 75 | 0.19 | 5.01 | 10 | 746 | 3440 | 5961 | 10149 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 4.35 | 21.63 | 68 | 4133 | 16 | 17.4 | 16 | 1.55 | 0.25 | 0.09 | 30.36 | 75 | 0.19 | 5.00 | 10 | 766 | 3363 | 5722 | 9853 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 4.35 | 21.80 | 68 | 4152 | 16 | 16.4 | 16 | 1.47 | 0.23 | 0.09 | 30.73 | 75 | 0.17 | 4.96 | 10 | 785 | 3292 | 5546 | 9625 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 4.35 | 21.98 | 69 | 4171 | 15 | 16.4 | 15 | 1.47 | 0.23 | 0.09 | 31.08 | 75 | 0.17 | 4.94 | 10 | 805 | 3226 | 5262 | 9295 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 4.35 | 22.14 | 69 | 4189 | 15 | 16.3 | 15 | 1.48 | 0.22 | 0.09 | 31.43 | 75 | 0.17 | 4.91 | 10 | 825 | 3164 | 5050 | 9041 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 4.35 | 22.31 | 70 | 4207 | 15 | 16.3 | 15 | 1.48 | 0.22 | 0.09 | 31.78 | 75 | 0.17 | 4.89 | 10 | 844 | 3106 | 4937 | 8888 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 4.35 | 22.46 | 70 | 4224 | 15 | 15.3 | 15 | 1.40 | 0.20 | 0.09 | 32.13 | 75 | 0.15 | 4.85 | 10 | 864 | 3050 | 4802 | 8717 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 4.35 | 22.62 | 71 | 4241 | 14 | 15.3 | 14 | 1.40 | 0.20 | 0.09 | 32.46 | 75 | 0.15 | 4.81 | 10 | 883 | 2996 | 4543 | 8424 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 4.35 | 22.77 | 71 | 4257 | 14 | 15.2 | 14 | 1.40 | 0.20 | 0.09 | 32.79 | 75 | 0.15 | 4.78 | 10 | 903 | 2944 | 4349 | 8197 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 4.35 | 22.91 | 72 | 4272 | 14 | 15.2 | 14 | 1.41 | 0.20 | 0.09 | 33.12 | 75 | 0.15 | 4.75 | 10 | 922 | 2893 | 4247 | 8064 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 4.35 | 23.06 | 72 | 4288 | 14 | 15.2 | 14 | 1.41 | 0.19 | 0.09 | 33.45 | 75 | 0.15 | 4.72 | 10 | 942 | 2845 | 4183 | 7971 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 4.35 | 23.20 | 73 | 4304 | 13 | 15.1 | 14 | 1.41 | 0.19 | 0.09 | 33.78 | 75 | 0.14 | 4.70 | 10 | 961 | 2797 | 4130 | 7889 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 4.35 | 23.35 | 73 | 4319 | 13 | 15.1 | 13 | 1.42 | 0.19 | 0.09 | 34.11 | 75 | 0.14 | 4.67 | 10 | 980 | 2751 | 4079 | 7811 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 4.35 | 23.48 | 73 | 4334 | 13 | 15.1 | 13 | 1.42 | 0.19 | 0.09 | 34.45 | 75 | 0.14 | 4.65 | 10 | 999 | 2706 | 4028 | 7735 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 4.35 | 23.61 | 74 | 4349 | 13 | 14.1 | 13 | 1.33 | 0.17 | 0.09 | 34.78 | 75 | 0.13 | 4.62 | 10 | 1017 | 2662 | 3923 | 7604 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 4.35 | 23.74 | 74 | 4362 | 13 | 14.1 | 13 | 1.33 | 0.17 | 0.09 | 35.09 | 75 | 0.13 | 4.58 | 10 | 1036 | 2619 | 3695 | 7351 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 4.35 | 23.87 | 75 | 4376 | 12 | 14.0 | 12 | 1.33 | 0.17 | 0.09 | 35.41 | 75 | 0.13 | 4.55 | 10 | 1054 | 2577 | 3523 | 7155 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 4.35 | 23.99 | 75 | 4389 | 12 | 14.0 | 12 | 1.34 | 0.16 | 0.09 | 35.72 | 75 | 0.12 | 4.52 | 10 | 1072 | 2535 | 3434 | 7044 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 4.35 | 24.10 | 75 | 4402 | 12 | 13.0 | 12 | 1.24 | 0.15 | 0.09 | 36.03 | 75 | 0.11 | 4.48 | 10 | 1090 | 2495 | 3328 | 6915 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 4.35 | 24.21 | 76 | 4414 | 12 | 13.0 | 12 | 1.25 | 0.15 | 0.09 | 36.32 | 75 | 0.11 | 4.44 | 10 | 1108 | 2456 | 3114 | 6680 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 4.35 | 24.32 | 76 | 4426 | 12 | 12.9 | 12 | 1.25 | 0.15 | 0.09 | 36.61 | 75 | 0.11 | 4.40 | 10 | 1125 | 2418 | 2956 | 6501 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE,LAPSE=Y



FORM 1417-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF

N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 8.00 | 0 | 0.00 | 0.03 | 0 | 10 | 10 | 10 | 30 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 8.00 | 95 | 0.00 | 0.03 | 100 | 9 | 9 | 9 | 29 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 7.99 | 95 | 0.00 | 0.03 | 100 | 9 | 9 | 7 | 26 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 7.98 | 95 | 0.00 | 0.03 | 100 | 9 | 8 | 4 | 22 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 7.96 | 95 | 0.00 | 0.02 | 100 | 9 | 6 | 2 | 19 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 7.95 | 95 | 0.00 | 0.02 | 100 | 9 | 5 | 1 | 16 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 7.94 | 95 | 0.00 | 0.02 | 100 | 8 | 4 | 0 | 13 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.01 | 0.00 | 0.05 | 7.93 | 95 | 0.00 | 0.02 | 100 | 8 | 3 | 0 | 12 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.91 | 95 | 0.00 | 0.02 | 100 | 7 | 2 | 0 | 10 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.90 | 95 | 0.00 | 0.02 | 100 | 7 | 1 | 0 | 9 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.89 | 95 | 0.00 | 0.02 | 100 | 6 | 1 | 0 | 8 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.88 | 95 | 0.00 | 0.02 | 100 | 6 | 0 | 0 | 7 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.86 | 95 | 0.00 | 0.02 | 100 | 5 | 0 | 0 | 6 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.85 | 95 | 0.00 | 0.02 | 100 | 5 | 0 | 0 | 6 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.84 | 95 | 0.00 | 0.01 | 100 | 5 | 0 | 0 | 5 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.83 | 95 | 0.00 | 0.01 | 100 | 4 | 0 | 0 | 5 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.81 | 95 | 0.00 | 0.01 | 100 | 4 | 0 | 0 | 5 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.80 | 95 | 0.00 | 0.01 | 100 | 4 | 0 | 0 | 4 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.79 | 95 | 0.00 | 0.01 | 100 | 4 | 0 | 0 | 4 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.78 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 4 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.76 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 4 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.75 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 4 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.74 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 4 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.73 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 4 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.71 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.70 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.69 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.68 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.66 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.65 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.64 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.63 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.61 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.60 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.59 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.58 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.56 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.55 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.02 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.54 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.53 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.51 | 95 | 0.00 | 0.01 | 100 | 3 | 0 | 0 | 3 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.50 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.49 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.48 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 12 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | HEP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.46 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.45 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.44 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.43 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.41 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.40 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.39 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.38 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.36 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.03 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.35 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.34 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.33 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.31 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.30 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.29 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.28 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.26 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.25 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.24 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.23 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.21 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.20 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.19 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.18 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.16 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.15 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.14 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.13 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.11 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.10 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.09 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.08 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.07 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.05 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.04 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.03 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.02 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 7.00 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.99 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.98 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.97 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.95 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.94 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.93 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 23 |



FORM 1611-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.92 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.90 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.89 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.88 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.87 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.85 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.84 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.83 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.82 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.80 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.79 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.78 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.77 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.75 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.74 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.73 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.72 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.70 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.69 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.68 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.67 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.65 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.64 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.63 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.62 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.60 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.59 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.58 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.57 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.55 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.54 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.53 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.52 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.50 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 31 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

| RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION |
|---|---|---|---|
| | 310881 | 1 MAY 1972 1400 | 0 SUSITNA HEP SPRING PMF |

N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.05 | 6.49 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.48 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.46 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.45 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.43 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.42 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.40 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.39 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.37 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.36 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.34 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 0.6 | 4 | 0.02 | 0.00 | 0.06 | 6.33 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 1.1 | 8 | 0.03 | 0.00 | 0.06 | 6.31 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.09 | 0 | 3150 | 100 | 1.1 | 8 | 0.03 | 0.00 | 0.06 | 6.30 | 95 | 0.00 | 0.00 | 100 | 3 | 0 | 0 | 3 | 800 | 4 |
| 4 | 1400 | 0.00 | 5 | 0.00 | 0.10 | 0 | 3150 | 100 | 2.1 | 17 | 0.06 | 0.01 | 0.06 | 6.28 | 95 | 0.01 | 0.01 | 100 | 3 | 0 | 0 | 4 | 1400 | 4 |
| 4 | 2000 | 0.00 | 5 | 0.00 | 0.11 | 0 | 3150 | 100 | 2.1 | 17 | 0.06 | 0.01 | 0.06 | 6.27 | 95 | 0.01 | 0.01 | 100 | 4 | 0 | 0 | 4 | 2000 | 4 |
| 5 | 200 | 0.00 | 17 | 0.00 | 0.14 | 0 | 3150 | 100 | 2.2 | 41 | 0.07 | 0.03 | 0.06 | 6.26 | 95 | 0.03 | 0.01 | 100 | 5 | 0 | 0 | 6 | 200 | 5 |
| 5 | 800 | 0.00 | 22 | 0.00 | 0.17 | 0 | 3150 | 100 | 2.1 | 55 | 0.06 | 0.03 | 0.06 | 6.24 | 95 | 0.03 | 0.02 | 100 | 8 | 0 | 0 | 9 | 800 | 5 |
| 5 | 1400 | 0.00 | 57 | 0.00 | 0.27 | 0 | 3150 | 100 | 4.0 | 86 | 0.12 | 0.10 | 0.06 | 6.23 | 95 | 0.10 | 0.04 | 100 | 14 | 0 | 0 | 14 | 1400 | 5 |
| 5 | 2000 | 0.00 | 88 | 0.00 | 0.46 | 0 | 3150 | 100 | 6.7 | 98 | 0.20 | 0.20 | 0.06 | 6.22 | 95 | 0.19 | 0.08 | 100 | 25 | 0 | 0 | 26 | 2000 | 5 |
| 6 | 200 | 0.00 | 96 | 0.00 | 0.68 | 1 | 3150 | 100 | 7.7 | 100 | 0.23 | 0.23 | 0.06 | 6.21 | 95 | 0.22 | 0.13 | 100 | 47 | 0 | 0 | 47 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 0.99 | 1 | 3150 | 100 | 10.9 | 100 | 0.33 | 0.33 | 0.06 | 6.21 | 95 | 0.31 | 0.19 | 99 | 82 | 0 | 0 | 83 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 1.36 | 1 | 3150 | 100 | 13.0 | 100 | 0.39 | 0.39 | 0.06 | 6.21 | 95 | 0.37 | 0.27 | 99 | 133 | 1 | 0 | 136 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 1.79 | 2 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 6.22 | 95 | 0.43 | 0.35 | 99 | 204 | 3 | 0 | 208 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 2.31 | 2 | 3150 | 100 | 18.2 | 100 | 0.55 | 0.55 | 0.06 | 6.22 | 95 | 0.52 | 0.45 | 98 | 295 | 6 | 0 | 302 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 2.89 | 3 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.61 | 0.06 | 6.24 | 95 | 0.58 | 0.56 | 98 | 406 | 10 | 0 | 418 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 3.52 | 4 | 3150 | 100 | 22.4 | 100 | 0.67 | 0.67 | 0.06 | 6.25 | 95 | 0.64 | 0.68 | 97 | 538 | 17 | 0 | 557 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 4.15 | 4 | 3150 | 100 | 21.9 | 100 | 0.66 | 0.66 | 0.06 | 6.27 | 95 | 0.62 | 0.78 | 97 | 689 | 25 | 1 | 716 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 4.75 | 5 | 3150 | 100 | 21.2 | 100 | 0.63 | 0.63 | 0.06 | 6.29 | 95 | 0.60 | 0.88 | 96 | 852 | 36 | 1 | 891 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 5.35 | 5 | 3150 | 100 | 21.2 | 100 | 0.63 | 0.63 | 0.06 | 6.30 | 95 | 0.60 | 0.97 | 96 | 1023 | 48 | 1 | 1074 | 800 | 8 |
| 8 | 1400 | 0.02 | 100 | 0.02 | 5.93 | 6 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.62 | 0.06 | 6.32 | 95 | 0.59 | 1.05 | 95 | 1194 | 61 | 2 | 1258 | 1400 | 8 |
| 8 | 2000 | 0.02 | 100 | 0.03 | 6.51 | 7 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.62 | 0.06 | 6.34 | 95 | 0.59 | 1.13 | 95 | 1359 | 74 | 2 | 1436 | 2000 | 8 |
| 9 | 200 | 0.05 | 100 | 0.08 | 7.07 | 7 | 3150 | 100 | 19.8 | 100 | 0.59 | 0.64 | 0.06 | 6.35 | 95 | 0.61 | 1.20 | 95 | 1516 | 87 | 2 | 1606 | 200 | 9 |
| 9 | 800 | 0.05 | 100 | 0.12 | 7.64 | 8 | 3150 | 100 | 19.8 | 100 | 0.59 | 0.64 | 0.06 | 6.38 | 95 | 0.61 | 1.28 | 95 | 1662 | 98 | 2 | 1764 | 800 | 9 |
| 9 | 1400 | 0.05 | 100 | 0.17 | 8.19 | 8 | 3150 | 100 | 19.3 | 100 | 0.58 | 0.63 | 0.06 | 6.40 | 95 | 0.59 | 1.34 | 95 | 1796 | 108 | 2 | 1908 | 1400 | 9 |
| 9 | 2000 | 0.06 | 100 | 0.22 | 8.74 | 9 | 3150 | 100 | 19.3 | 100 | 0.58 | 0.63 | 0.06 | 6.42 | 95 | 0.60 | 1.40 | 95 | 1918 | 116 | 2 | 2038 | 2000 | 9 |
| 10 | 200 | 0.15 | 100 | 0.36 | 9.26 | 9 | 3150 | 100 | 18.4 | 100 | 0.55 | 0.70 | 0.06 | 6.44 | 95 | 0.67 | 1.48 | 95 | 2028 | 122 | 2 | 2154 | 200 | 10 |
| 10 | 800 | 0.16 | 100 | 0.52 | 9.79 | 10 | 3150 | 100 | 18.4 | 100 | 0.55 | 0.71 | 0.06 | 6.47 | 95 | 0.68 | 1.55 | 95 | 2128 | 128 | 2 | 2260 | 800 | 10 |
| 10 | 1400 | 0.16 | 100 | 0.67 | 10.31 | 10 | 3150 | 100 | 18.2 | 100 | 0.55 | 0.71 | 0.06 | 6.50 | 95 | 0.67 | 1.61 | 95 | 2221 | 133 | 3 | 2359 | 1400 | 10 |
| 10 | 2000 | 0.16 | 100 | 0.82 | 10.82 | 11 | 3150 | 100 | 18.2 | 100 | 0.55 | 0.71 | 0.06 | 6.53 | 95 | 0.67 | 1.68 | 95 | 2308 | 138 | 3 | 2450 | 2000 | 10 |
| 11 | 200 | 0.12 | 100 | 0.93 | 11.32 | 11 | 3150 | 100 | 17.4 | 100 | 0.52 | 0.64 | 0.06 | 6.56 | 95 | 0.61 | 1.72 | 95 | 2388 | 142 | 3 | 2534 | 200 | 11 |
| 11 | 800 | 0.12 | 100 | 1.05 | 11.81 | 12 | 3150 | 100 | 17.4 | 100 | 0.52 | 0.64 | 0.06 | 6.59 | 95 | 0.61 | 1.76 | 95 | 2459 | 144 | 3 | 2607 | 800 | 11 |
| 11 | 1400 | 0.18 | 100 | 1.22 | 12.30 | 12 | 3150 | 100 | 17.2 | 100 | 0.52 | 0.69 | 0.06 | 6.62 | 95 | 0.66 | 1.81 | 95 | 2521 | 146 | 3 | 2670 | 1400 | 11 |
| 11 | 2000 | 0.42 | 100 | 1.62 | 12.79 | 13 | 3150 | 100 | 17.2 | 100 | 0.52 | 0.94 | 0.06 | 6.65 | 95 | 0.89 | 1.91 | 95 | 2577 | 147 | 3 | 2728 | 2000 | 11 |



FORM 1411-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.14 | 100 | 1.75 | 13.22 | 13 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.60 | 0.06 | 6.69 | 95 | 0.57 | 1.94 | 95 | 2633 | 150 | 3 | 2787 | 200 | 12 |
| 12 | 800 | 0.14 | 100 | 1.89 | 13.62 | 14 | 3150 | 100 | 14.0 | 100 | 0.42 | 0.56 | 0.06 | 6.71 | 95 | 0.54 | 1.95 | 95 | 2684 | 152 | 3 | 2840 | 800 | 12 |
| 12 | 1400 | 0.19 | 100 | 2.07 | 13.99 | 14 | 3150 | 100 | 13.0 | 100 | 0.39 | 0.58 | 0.06 | 6.74 | 95 | 0.55 | 1.96 | 95 | 2723 | 151 | 3 | 2879 | 1400 | 12 |
| 12 | 2000 | 0.48 | 100 | 2.53 | 14.33 | 14 | 3150 | 100 | 11.9 | 100 | 0.36 | 0.84 | 0.06 | 6.76 | 95 | 0.79 | 2.03 | 95 | 2753 | 150 | 2 | 2907 | 2000 | 12 |
| 13 | 200 | 0.19 | 100 | 2.71 | 14.67 | 15 | 3150 | 100 | 11.9 | 100 | 0.36 | 0.55 | 0.06 | 6.80 | 95 | 0.52 | 2.04 | 95 | 2777 | 149 | 2 | 2930 | 200 | 13 |
| 13 | 800 | 0.19 | 100 | 2.89 | 15.01 | 15 | 3150 | 100 | 11.9 | 100 | 0.36 | 0.55 | 0.06 | 6.83 | 95 | 0.52 | 2.04 | 95 | 2794 | 148 | 2 | 2945 | 800 | 13 |
| 13 | 1400 | 0.26 | 100 | 3.14 | 15.35 | 16 | 3150 | 100 | 11.9 | 100 | 0.36 | 0.61 | 0.06 | 6.85 | 95 | 0.58 | 2.06 | 95 | 2801 | 145 | 2 | 2950 | 1400 | 13 |
| 13 | 2000 | 0.66 | 100 | 3.76 | 15.69 | 16 | 3150 | 100 | 11.9 | 100 | 0.36 | 1.01 | 0.06 | 6.88 | 95 | 0.96 | 2.16 | 95 | 2804 | 144 | 2 | 2952 | 2000 | 13 |
| 14 | 200 | 0.23 | 100 | 3.98 | 16.00 | 16 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.56 | 0.06 | 6.92 | 95 | 0.54 | 2.16 | 95 | 2812 | 145 | 3 | 2962 | 200 | 14 |
| 14 | 800 | 0.23 | 100 | 4.20 | 16.32 | 16 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.56 | 0.06 | 6.95 | 95 | 0.54 | 2.16 | 95 | 2823 | 147 | 3 | 2974 | 800 | 14 |
| 14 | 1400 | 0.31 | 100 | 4.49 | 16.63 | 17 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.64 | 0.06 | 6.97 | 95 | 0.61 | 2.18 | 95 | 2829 | 147 | 3 | 2980 | 1400 | 14 |
| 14 | 2000 | 0.78 | 100 | 5.24 | 16.95 | 17 | 3150 | 100 | 11.1 | 100 | 0.33 | 1.11 | 0.06 | 7.00 | 95 | 1.06 | 2.30 | 95 | 2836 | 148 | 3 | 2988 | 2000 | 14 |
| 15 | 200 | 0.39 | 100 | 5.61 | 17.30 | 17 | 3150 | 100 | 12.1 | 100 | 0.36 | 0.75 | 0.06 | 7.06 | 95 | 0.72 | 2.33 | 95 | 2854 | 151 | 3 | 3010 | 200 | 15 |
| 15 | 800 | 0.39 | 100 | 5.98 | 17.64 | 18 | 3150 | 100 | 12.1 | 100 | 0.36 | 0.75 | 0.06 | 7.09 | 95 | 0.72 | 2.36 | 95 | 2884 | 157 | 3 | 3045 | 800 | 15 |
| 15 | 1400 | 0.52 | 100 | 6.48 | 17.99 | 18 | 3150 | 100 | 12.1 | 100 | 0.36 | 0.88 | 0.06 | 7.12 | 95 | 0.84 | 2.42 | 95 | 2920 | 162 | 3 | 3086 | 1400 | 15 |
| 15 | 2000 | 1.30 | 100 | 7.71 | 18.33 | 19 | 3150 | 100 | 12.1 | 100 | 0.36 | 1.67 | 0.06 | 7.16 | 95 | 1.58 | 2.65 | 95 | 2972 | 169 | 3 | 3146 | 2000 | 15 |
| 16 | 200 | 0.71 | 100 | 8.39 | 18.64 | 19 | 3150 | 100 | 10.9 | 100 | 0.33 | 1.04 | 0.06 | 7.24 | 95 | 0.98 | 2.72 | 95 | 3053 | 182 | 4 | 3241 | 200 | 16 |
| 16 | 800 | 0.30 | 97 | 8.66 | 18.89 | 19 | 3150 | 100 | 8.8 | 100 | 0.26 | 0.55 | 0.06 | 7.29 | 95 | 0.52 | 2.68 | 95 | 3155 | 195 | 4 | 3356 | 800 | 16 |
| 16 | 1400 | 0.21 | 97 | 8.85 | 19.14 | 19 | 3150 | 100 | 8.8 | 100 | 0.26 | 0.47 | 0.06 | 7.32 | 95 | 0.44 | 2.63 | 95 | 3250 | 200 | 4 | 3455 | 1400 | 16 |
| 16 | 2000 | 0.21 | 99 | 9.05 | 19.42 | 20 | 3150 | 100 | 9.8 | 100 | 0.29 | 0.50 | 0.06 | 7.34 | 95 | 0.47 | 2.59 | 95 | 3317 | 196 | 3 | 3517 | 2000 | 16 |
| 17 | 200 | 0.49 | 99 | 9.51 | 19.71 | 20 | 3150 | 100 | 10.0 | 100 | 0.30 | 0.78 | 0.06 | 7.36 | 95 | 0.74 | 2.61 | 95 | 3352 | 187 | 3 | 3542 | 200 | 17 |
| 17 | 800 | 0.20 | 99 | 9.69 | 19.99 | 20 | 3150 | 100 | 10.0 | 100 | 0.30 | 0.50 | 0.06 | 7.39 | 95 | 0.47 | 2.57 | 95 | 3361 | 176 | 2 | 3541 | 800 | 17 |
| 17 | 1400 | 0.14 | 99 | 9.83 | 20.28 | 20 | 3150 | 100 | 10.0 | 100 | 0.30 | 0.44 | 0.06 | 7.42 | 95 | 0.42 | 2.52 | 95 | 3346 | 166 | 2 | 3516 | 1400 | 17 |
| 17 | 2000 | 0.14 | 99 | 9.96 | 20.56 | 21 | 3150 | 100 | 10.0 | 100 | 0.30 | 0.44 | 0.06 | 7.43 | 95 | 0.42 | 2.47 | 95 | 3306 | 155 | 2 | 3465 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 9.96 | 20.88 | 21 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.33 | 0.06 | 7.45 | 95 | 0.32 | 2.40 | 95 | 3242 | 144 | 2 | 3390 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 9.96 | 21.19 | 21 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.33 | 0.06 | 7.45 | 95 | 0.32 | 2.33 | 95 | 3157 | 132 | 1 | 3293 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 9.96 | 21.51 | 22 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.33 | 0.06 | 7.45 | 95 | 0.32 | 2.27 | 95 | 3053 | 121 | 1 | 3177 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 9.96 | 21.83 | 22 | 3150 | 100 | 11.1 | 100 | 0.33 | 0.33 | 0.06 | 7.45 | 95 | 0.32 | 2.21 | 95 | 2936 | 111 | 1 | 3049 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 9.96 | 22.23 | 22 | 3150 | 100 | 14.0 | 100 | 0.42 | 0.42 | 0.06 | 7.46 | 95 | 0.40 | 2.18 | 95 | 2812 | 102 | 1 | 2916 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 9.96 | 22.68 | 23 | 3150 | 100 | 16.1 | 100 | 0.48 | 0.48 | 0.06 | 7.46 | 95 | 0.46 | 2.16 | 95 | 2688 | 96 | 1 | 2787 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 9.96 | 23.20 | 23 | 3150 | 100 | 18.2 | 100 | 0.55 | 0.55 | 0.06 | 7.47 | 95 | 0.52 | 2.15 | 95 | 2574 | 93 | 1 | 2670 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 9.96 | 23.79 | 24 | 3150 | 100 | 20.5 | 100 | 0.62 | 0.62 | 0.06 | 7.48 | 95 | 0.58 | 2.16 | 95 | 2475 | 94 | 2 | 2572 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 9.96 | 24.40 | 25 | 3150 | 100 | 21.6 | 100 | 0.65 | 0.65 | 0.06 | 7.50 | 95 | 0.61 | 2.18 | 95 | 2398 | 98 | 2 | 2499 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 9.96 | 25.02 | 25 | 3150 | 100 | 21.6 | 100 | 0.65 | 0.65 | 0.06 | 7.52 | 95 | 0.61 | 2.20 | 95 | 2344 | 104 | 2 | 2452 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 9.96 | 25.63 | 26 | 3150 | 100 | 21.6 | 100 | 0.65 | 0.65 | 0.06 | 7.53 | 95 | 0.61 | 2.21 | 95 | 2313 | 110 | 2 | 2427 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 9.96 | 26.25 | 27 | 3150 | 100 | 21.6 | 100 | 0.65 | 0.65 | 0.06 | 7.55 | 95 | 0.61 | 2.23 | 95 | 2301 | 117 | 2 | 2422 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 9.96 | 26.98 | 27 | 3150 | 100 | 25.6 | 100 | 0.77 | 0.77 | 0.06 | 7.57 | 95 | 0.73 | 2.27 | 95 | 2306 | 123 | 2 | 2433 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 9.96 | 27.70 | 28 | 3150 | 100 | 25.6 | 100 | 0.77 | 0.77 | 0.06 | 7.59 | 95 | 0.73 | 2.30 | 95 | 2328 | 129 | 3 | 2462 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 9.96 | 28.43 | 29 | 3150 | 100 | 25.6 | 100 | 0.77 | 0.77 | 0.06 | 7.61 | 95 | 0.73 | 2.34 | 95 | 2366 | 136 | 3 | 2506 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 9.96 | 29.16 | 29 | 3150 | 100 | 25.6 | 100 | 0.77 | 0.77 | 0.06 | 7.64 | 95 | 0.73 | 2.37 | 95 | 2415 | 143 | 3 | 2562 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 9.96 | 29.95 | 30 | 3150 | 100 | 27.7 | 100 | 0.83 | 0.83 | 0.06 | 7.66 | 95 | 0.79 | 2.42 | 95 | 2475 | 149 | 3 | 2628 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 9.96 | 30.74 | 31 | 3150 | 100 | 27.7 | 100 | 0.83 | 0.83 | 0.06 | 7.69 | 95 | 0.79 | 2.46 | 95 | 2542 | 154 | 3 | 2701 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 9.96 | 31.52 | 32 | 3150 | 100 | 27.7 | 100 | 0.83 | 0.83 | 0.06 | 7.71 | 95 | 0.79 | 2.50 | 95 | 2616 | 160 | 3 | 2781 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 9.96 | 32.31 | 33 | 3150 | 100 | 27.7 | 100 | 0.83 | 0.83 | 0.06 | 7.74 | 95 | 0.79 | 2.54 | 95 | 2694 | 165 | 3 | 2863 | 2000 | 22 |



FORM 1613-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 21.0 MACLAREN GLACIER

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.06 IN./DAY, MELT RATE = 0.120 IN./DEGREE-DAY, AREA = 44.0 SQ. MI.

| DAY | HOUR | PCPN | XRA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 9.96 | 33.07 | 33 | 3150 | 100 | 26.6 | 100 | 0.80 | 0.80 | 0.06 | 7.76 | 95 | 0.76 | 2.57 | 95 | 2773 | 169 | 3 | 2946 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 9.96 | 33.83 | 34 | 3150 | 100 | 26.6 | 100 | 0.80 | 0.80 | 0.06 | 7.79 | 95 | 0.76 | 2.59 | 95 | 2849 | 172 | 3 | 3025 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 9.96 | 34.59 | 35 | 3150 | 100 | 26.6 | 100 | 0.80 | 0.80 | 0.06 | 7.81 | 95 | 0.76 | 2.62 | 95 | 2921 | 174 | 3 | 3099 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 9.96 | 35.35 | 36 | 3150 | 100 | 26.6 | 100 | 0.80 | 0.80 | 0.06 | 7.84 | 95 | 0.76 | 2.64 | 95 | 2987 | 175 | 3 | 3166 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 9.96 | 35.92 | 36 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.61 | 0.06 | 7.86 | 95 | 0.58 | 2.63 | 95 | 3044 | 175 | 3 | 3224 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 9.96 | 36.50 | 37 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.61 | 0.06 | 7.88 | 95 | 0.58 | 2.61 | 95 | 3088 | 172 | 3 | 3265 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 9.96 | 37.08 | 37 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.61 | 0.06 | 7.89 | 95 | 0.58 | 2.59 | 95 | 3114 | 168 | 3 | 3286 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 9.96 | 37.66 | 38 | 3150 | 100 | 20.3 | 100 | 0.61 | 0.61 | 0.06 | 7.91 | 95 | 0.58 | 2.57 | 95 | 3123 | 163 | 2 | 3289 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 9.96 | 38.15 | 39 | 3150 | 100 | 17.2 | 100 | 0.52 | 0.51 | 0.06 | 7.92 | 95 | 0.49 | 2.54 | 95 | 3116 | 157 | 2 | 3276 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 9.96 | 38.64 | 39 | 3150 | 100 | 17.2 | 100 | 0.52 | 0.51 | 0.06 | 7.93 | 95 | 0.49 | 2.50 | 95 | 3093 | 150 | 2 | 3247 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 9.96 | 39.13 | 40 | 3150 | 100 | 17.2 | 100 | 0.52 | 0.51 | 0.06 | 7.94 | 95 | 0.49 | 2.47 | 95 | 3056 | 143 | 2 | 3203 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 9.96 | 39.62 | 40 | 3150 | 100 | 17.2 | 100 | 0.52 | 0.51 | 0.06 | 7.95 | 95 | 0.49 | 2.44 | 95 | 3008 | 137 | 2 | 3148 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 9.96 | 40.08 | 40 | 3150 | 100 | 16.1 | 100 | 0.48 | 0.48 | 0.06 | 7.97 | 95 | 0.46 | 2.41 | 95 | 2951 | 131 | 2 | 3086 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 9.96 | 40.54 | 41 | 3150 | 100 | 16.1 | 100 | 0.48 | 0.48 | 0.06 | 7.97 | 95 | 0.46 | 2.37 | 95 | 2888 | 126 | 2 | 3017 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 9.96 | 40.99 | 41 | 3150 | 100 | 16.1 | 100 | 0.48 | 0.48 | 0.06 | 7.98 | 95 | 0.46 | 2.34 | 95 | 2820 | 122 | 2 | 2946 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 9.96 | 41.45 | 42 | 3150 | 100 | 16.1 | 100 | 0.48 | 0.48 | 0.06 | 7.99 | 95 | 0.46 | 2.31 | 95 | 2752 | 118 | 2 | 2873 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 9.96 | 41.88 | 42 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.00 | 95 | 0.43 | 2.28 | 95 | 2683 | 115 | 2 | 2801 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 9.96 | 42.31 | 43 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.01 | 95 | 0.43 | 2.25 | 95 | 2615 | 112 | 2 | 2730 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 9.96 | 42.74 | 43 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.02 | 95 | 0.43 | 2.21 | 95 | 2548 | 110 | 2 | 2661 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 9.96 | 43.17 | 44 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.02 | 95 | 0.43 | 2.19 | 95 | 2484 | 107 | 2 | 2594 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 9.96 | 43.60 | 44 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.03 | 95 | 0.43 | 2.16 | 95 | 2422 | 105 | 2 | 2531 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 9.96 | 44.03 | 44 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.04 | 95 | 0.43 | 2.13 | 95 | 2365 | 104 | 2 | 2472 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 9.96 | 44.46 | 45 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.05 | 95 | 0.43 | 2.11 | 95 | 2312 | 102 | 2 | 2417 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 9.96 | 44.89 | 45 | 3150 | 100 | 15.1 | 100 | 0.45 | 0.45 | 0.06 | 8.05 | 95 | 0.43 | 2.09 | 95 | 2263 | 101 | 2 | 2368 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 9.96 | 45.29 | 46 | 3150 | 100 | 14.0 | 100 | 0.42 | 0.42 | 0.06 | 8.06 | 95 | 0.40 | 2.06 | 95 | 2219 | 101 | 2 | 2322 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 9.96 | 45.69 | 46 | 3150 | 100 | 14.0 | 100 | 0.42 | 0.42 | 0.06 | 8.07 | 95 | 0.40 | 2.03 | 95 | 2178 | 100 | 1 | 2280 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 9.96 | 46.09 | 47 | 3150 | 100 | 14.0 | 100 | 0.42 | 0.42 | 0.06 | 8.07 | 95 | 0.40 | 2.01 | 95 | 2139 | 99 | 1 | 2241 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 9.96 | 46.49 | 47 | 3150 | 100 | 14.0 | 100 | 0.42 | 0.42 | 0.06 | 8.08 | 95 | 0.40 | 1.98 | 95 | 2103 | 97 | 1 | 2203 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 9.96 | 46.86 | 47 | 3150 | 100 | 13.0 | 100 | 0.39 | 0.39 | 0.06 | 8.08 | 95 | 0.37 | 1.95 | 95 | 2068 | 96 | 1 | 2167 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 9.96 | 47.22 | 48 | 3150 | 100 | 13.0 | 100 | 0.39 | 0.39 | 0.06 | 8.09 | 95 | 0.37 | 1.92 | 95 | 2035 | 95 | 1 | 2133 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 9.96 | 47.59 | 48 | 3150 | 100 | 13.0 | 100 | 0.39 | 0.39 | 0.06 | 8.09 | 95 | 0.37 | 1.90 | 95 | 2002 | 93 | 1 | 2099 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.010 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.06 | 4.00 | 0 | 0.00 | 0.03 | 0 | 60 | 10 | 10 | 80 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 1.1 | 29 | 0.00 | 0.00 | 0.09 | 4.00 | 32 | 0.00 | 0.03 | 69 | 60 | 9 | 9 | 80 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 1.1 | 29 | 0.01 | 0.00 | 0.09 | 3.98 | 32 | 0.00 | 0.03 | 69 | 60 | 9 | 8 | 78 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 1.1 | 29 | 0.02 | 0.00 | 0.09 | 3.96 | 32 | 0.00 | 0.02 | 69 | 60 | 9 | 5 | 76 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2866 | 100 | 1.1 | 29 | 0.02 | 0.01 | 0.09 | 3.94 | 32 | 0.00 | 0.02 | 69 | 60 | 9 | 3 | 74 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2866 | 100 | 1.1 | 29 | 0.03 | 0.01 | 0.09 | 3.92 | 31 | 0.00 | 0.02 | 69 | 59 | 9 | 2 | 72 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2866 | 100 | 1.1 | 29 | 0.03 | 0.01 | 0.09 | 3.90 | 31 | 0.00 | 0.02 | 69 | 59 | 9 | 2 | 72 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2867 | 100 | 1.1 | 29 | 0.04 | 0.01 | 0.09 | 3.89 | 31 | 0.00 | 0.02 | 69 | 59 | 9 | 2 | 72 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2867 | 100 | 1.1 | 29 | 0.04 | 0.01 | 0.09 | 3.87 | 31 | 0.00 | 0.02 | 69 | 59 | 9 | 3 | 73 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2867 | 100 | 1.1 | 29 | 0.05 | 0.01 | 0.09 | 3.86 | 31 | 0.00 | 0.02 | 69 | 59 | 9 | 3 | 74 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2867 | 100 | 1.1 | 29 | 0.05 | 0.01 | 0.09 | 3.84 | 31 | 0.00 | 0.02 | 69 | 59 | 10 | 4 | 75 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2868 | 100 | 1.1 | 29 | 0.05 | 0.02 | 0.09 | 3.83 | 31 | 0.00 | 0.02 | 69 | 59 | 10 | 4 | 76 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2868 | 100 | 1.1 | 29 | 0.06 | 0.02 | 0.09 | 3.82 | 31 | 0.00 | 0.02 | 69 | 59 | 11 | 5 | 77 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2868 | 100 | 1.1 | 29 | 0.06 | 0.02 | 0.09 | 3.81 | 30 | 0.01 | 0.02 | 69 | 59 | 12 | 5 | 78 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2869 | 100 | 1.1 | 29 | 0.06 | 0.02 | 0.09 | 3.80 | 30 | 0.01 | 0.02 | 69 | 59 | 13 | 5 | 80 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2869 | 100 | 1.1 | 29 | 0.06 | 0.02 | 0.09 | 3.79 | 30 | 0.01 | 0.02 | 69 | 59 | 15 | 6 | 81 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2869 | 100 | 1.1 | 29 | 0.07 | 0.02 | 0.09 | 3.78 | 30 | 0.01 | 0.02 | 69 | 59 | 16 | 6 | 83 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2870 | 100 | 1.1 | 28 | 0.07 | 0.02 | 0.09 | 3.77 | 30 | 0.01 | 0.02 | 69 | 59 | 18 | 6 | 85 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2870 | 100 | 1.1 | 28 | 0.07 | 0.02 | 0.09 | 3.76 | 30 | 0.01 | 0.02 | 69 | 59 | 19 | 6 | 86 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2871 | 100 | 1.1 | 28 | 0.07 | 0.02 | 0.09 | 3.75 | 30 | 0.01 | 0.02 | 69 | 59 | 21 | 7 | 88 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2871 | 100 | 1.1 | 28 | 0.07 | 0.02 | 0.09 | 3.74 | 30 | 0.01 | 0.02 | 69 | 59 | 22 | 7 | 90 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2871 | 100 | 1.1 | 28 | 0.07 | 0.02 | 0.09 | 3.73 | 30 | 0.01 | 0.02 | 69 | 59 | 24 | 7 | 92 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2872 | 100 | 1.1 | 28 | 0.07 | 0.02 | 0.09 | 3.73 | 30 | 0.01 | 0.02 | 69 | 59 | 25 | 7 | 93 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2872 | 100 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.72 | 30 | 0.01 | 0.02 | 69 | 59 | 27 | 7 | 95 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2873 | 100 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.71 | 30 | 0.01 | 0.02 | 69 | 59 | 28 | 7 | 96 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2873 | 100 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.70 | 30 | 0.01 | 0.02 | 69 | 59 | 29 | 7 | 98 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2873 | 100 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.70 | 30 | 0.01 | 0.02 | 69 | 59 | 31 | 7 | 99 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2874 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.69 | 30 | 0.01 | 0.02 | 69 | 59 | 32 | 8 | 100 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2874 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.68 | 29 | 0.01 | 0.02 | 69 | 59 | 33 | 8 | 102 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2875 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.68 | 29 | 0.01 | 0.02 | 69 | 59 | 34 | 8 | 103 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2875 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.67 | 29 | 0.01 | 0.02 | 69 | 59 | 35 | 8 | 104 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2876 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.66 | 29 | 0.01 | 0.02 | 69 | 59 | 36 | 8 | 105 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.16 | 0 | 2876 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.66 | 29 | 0.01 | 0.02 | 69 | 59 | 37 | 8 | 105 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2877 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.65 | 29 | 0.01 | 0.02 | 69 | 59 | 37 | 8 | 106 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.17 | 0 | 2877 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.65 | 29 | 0.01 | 0.02 | 69 | 59 | 38 | 8 | 107 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.18 | 0 | 2877 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.64 | 29 | 0.01 | 0.03 | 69 | 59 | 39 | 8 | 108 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.19 | 0 | 2878 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.63 | 29 | 0.01 | 0.03 | 69 | 59 | 39 | 8 | 108 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.19 | 0 | 2878 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.63 | 29 | 0.01 | 0.03 | 69 | 59 | 40 | 8 | 109 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.20 | 0 | 2879 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.62 | 29 | 0.01 | 0.03 | 69 | 59 | 40 | 8 | 109 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.21 | 0 | 2879 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.62 | 29 | 0.01 | 0.03 | 69 | 59 | 41 | 8 | 110 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.21 | 0 | 2880 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.61 | 29 | 0.01 | 0.03 | 69 | 59 | 41 | 8 | 110 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.22 | 0 | 2880 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.61 | 29 | 0.01 | 0.03 | 69 | 59 | 41 | 8 | 110 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.23 | 0 | 2881 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.60 | 29 | 0.01 | 0.03 | 69 | 59 | 42 | 8 | 111 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.23 | 0 | 2881 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.59 | 29 | 0.01 | 0.03 | 69 | 60 | 42 | 8 | 111 | 800 | 12 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.313 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 0 | 2881 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.59 | 29 | 0.01 | 0.03 | 69 | 60 | 42 | 8 | 111 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.25 | 0 | 2882 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.58 | 29 | 0.01 | 0.03 | 69 | 60 | 42 | 8 | 112 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.25 | 0 | 2882 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.58 | 29 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.26 | 0 | 2883 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.57 | 29 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.27 | 0 | 2883 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.57 | 29 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.27 | 0 | 2884 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.56 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.28 | 0 | 2884 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.56 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.29 | 0 | 2885 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.55 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.29 | 0 | 2885 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.54 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 112 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.30 | 0 | 2885 | 99 | 1.1 | 28 | 0.08 | 0.02 | 0.09 | 3.54 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 113 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.31 | 0 | 2886 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.53 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 113 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.31 | 1 | 2886 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.53 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 113 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.32 | 1 | 2887 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.52 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 113 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.33 | 1 | 2887 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.52 | 28 | 0.01 | 0.03 | 69 | 60 | 43 | 8 | 113 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.33 | 1 | 2888 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.51 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.34 | 1 | 2888 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.51 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.35 | 1 | 2888 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.50 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.35 | 1 | 2889 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.49 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.36 | 1 | 2889 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.49 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.37 | 1 | 2890 | 99 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.48 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.37 | 1 | 2890 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.48 | 28 | 0.01 | 0.03 | 69 | 61 | 43 | 8 | 113 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.38 | 1 | 2891 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.47 | 28 | 0.01 | 0.03 | 69 | 62 | 42 | 8 | 113 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2891 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.47 | 28 | 0.01 | 0.03 | 69 | 62 | 42 | 8 | 113 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2891 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.46 | 28 | 0.01 | 0.03 | 69 | 62 | 42 | 8 | 113 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.40 | 1 | 2892 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.46 | 28 | 0.01 | 0.03 | 69 | 62 | 42 | 8 | 113 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.40 | 1 | 2892 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.45 | 28 | 0.01 | 0.03 | 69 | 62 | 42 | 8 | 113 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2893 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.44 | 28 | 0.01 | 0.03 | 69 | 62 | 42 | 7 | 113 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2893 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.44 | 28 | 0.01 | 0.03 | 69 | 63 | 42 | 7 | 113 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2893 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.43 | 27 | 0.01 | 0.03 | 69 | 63 | 42 | 7 | 113 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.43 | 1 | 2894 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.43 | 27 | 0.01 | 0.03 | 69 | 63 | 42 | 7 | 114 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.44 | 1 | 2894 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.42 | 27 | 0.01 | 0.03 | 69 | 63 | 41 | 7 | 114 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.44 | 1 | 2895 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.42 | 27 | 0.01 | 0.03 | 69 | 64 | 41 | 7 | 114 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.45 | 1 | 2895 | 98 | 1.1 | 27 | 0.08 | 0.02 | 0.09 | 3.41 | 27 | 0.01 | 0.03 | 69 | 64 | 41 | 7 | 114 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.45 | 1 | 2896 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.40 | 27 | 0.01 | 0.03 | 69 | 64 | 41 | 7 | 114 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.46 | 1 | 2896 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.40 | 27 | 0.01 | 0.03 | 69 | 64 | 41 | 7 | 114 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.47 | 1 | 2896 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.39 | 27 | 0.01 | 0.03 | 69 | 65 | 41 | 7 | 114 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.47 | 1 | 2897 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.39 | 27 | 0.01 | 0.03 | 69 | 65 | 41 | 7 | 114 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.48 | 1 | 2897 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.38 | 27 | 0.01 | 0.03 | 69 | 65 | 41 | 7 | 114 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.48 | 1 | 2898 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.38 | 27 | 0.01 | 0.03 | 69 | 65 | 40 | 7 | 114 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.49 | 1 | 2898 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.37 | 27 | 0.01 | 0.03 | 69 | 66 | 40 | 7 | 115 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.50 | 1 | 2898 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.36 | 27 | 0.01 | 0.03 | 69 | 66 | 40 | 7 | 115 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.50 | 1 | 2899 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.36 | 27 | 0.01 | 0.03 | 69 | 66 | 40 | 7 | 115 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.51 | 1 | 2899 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.35 | 27 | 0.01 | 0.03 | 69 | 67 | 40 | 7 | 115 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.51 | 1 | 2899 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.35 | 27 | 0.01 | 0.03 | 69 | 67 | 40 | 7 | 115 | 800 | 23 |

FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.52 | 1 | 2900 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.34 | 27 | 0.01 | 0.03 | 69 | 67 | 40 | 7 | 115 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.53 | 1 | 2900 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.33 | 27 | 0.01 | 0.02 | 69 | 68 | 39 | 7 | 115 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.53 | 1 | 2901 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.33 | 27 | 0.01 | 0.02 | 69 | 68 | 39 | 7 | 116 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.54 | 1 | 2901 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.32 | 27 | 0.01 | 0.02 | 69 | 68 | 39 | 7 | 116 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.54 | 1 | 2901 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.32 | 27 | 0.01 | 0.02 | 69 | 69 | 39 | 7 | 116 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.55 | 1 | 2902 | 98 | 1.0 | 27 | 0.08 | 0.02 | 0.09 | 3.31 | 26 | 0.01 | 0.02 | 69 | 69 | 39 | 7 | 116 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.56 | 1 | 2902 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.30 | 26 | 0.01 | 0.02 | 69 | 69 | 39 | 7 | 116 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.56 | 1 | 2903 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.30 | 26 | 0.01 | 0.02 | 69 | 70 | 39 | 7 | 117 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.57 | 1 | 2903 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.29 | 26 | 0.01 | 0.02 | 69 | 70 | 38 | 7 | 117 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.57 | 1 | 2903 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.29 | 26 | 0.01 | 0.02 | 69 | 70 | 38 | 7 | 117 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.58 | 1 | 2904 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.28 | 26 | 0.01 | 0.02 | 69 | 71 | 38 | 7 | 117 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.58 | 1 | 2904 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.27 | 26 | 0.01 | 0.02 | 69 | 71 | 38 | 7 | 117 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.59 | 1 | 2904 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.27 | 26 | 0.01 | 0.02 | 69 | 71 | 38 | 7 | 118 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.60 | 1 | 2905 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.26 | 26 | 0.01 | 0.02 | 69 | 72 | 38 | 7 | 118 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.60 | 1 | 2905 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.26 | 26 | 0.01 | 0.02 | 69 | 72 | 38 | 7 | 118 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.61 | 1 | 2906 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.25 | 26 | 0.01 | 0.02 | 69 | 73 | 38 | 7 | 118 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.61 | 1 | 2906 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.24 | 26 | 0.01 | 0.02 | 69 | 73 | 37 | 7 | 118 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.62 | 1 | 2906 | 98 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.24 | 26 | 0.01 | 0.02 | 69 | 73 | 37 | 7 | 119 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.62 | 1 | 2907 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.23 | 26 | 0.01 | 0.02 | 69 | 74 | 37 | 7 | 119 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.63 | 1 | 2907 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.22 | 26 | 0.01 | 0.02 | 69 | 74 | 37 | 7 | 119 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.63 | 1 | 2907 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.22 | 26 | 0.01 | 0.02 | 69 | 74 | 37 | 6 | 119 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.64 | 1 | 2908 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.21 | 26 | 0.01 | 0.02 | 69 | 75 | 37 | 6 | 119 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.64 | 1 | 2908 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.21 | 26 | 0.01 | 0.02 | 69 | 75 | 37 | 6 | 120 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.65 | 1 | 2909 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.20 | 26 | 0.01 | 0.02 | 69 | 76 | 36 | 6 | 120 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.66 | 1 | 2909 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.19 | 26 | 0.01 | 0.02 | 69 | 76 | 36 | 6 | 120 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.66 | 1 | 2909 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.19 | 25 | 0.01 | 0.02 | 69 | 76 | 36 | 6 | 120 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.67 | 1 | 2910 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.18 | 25 | 0.01 | 0.02 | 69 | 77 | 36 | 6 | 121 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.67 | 1 | 2910 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.17 | 25 | 0.01 | 0.02 | 69 | 77 | 36 | 6 | 121 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.68 | 1 | 2910 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.17 | 25 | 0.01 | 0.02 | 69 | 77 | 36 | 6 | 121 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.68 | 1 | 2911 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.16 | 25 | 0.01 | 0.02 | 69 | 78 | 36 | 6 | 121 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.69 | 1 | 2911 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.16 | 25 | 0.01 | 0.02 | 69 | 78 | 35 | 6 | 121 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.69 | 1 | 2911 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.15 | 25 | 0.01 | 0.02 | 69 | 79 | 35 | 6 | 122 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.70 | 1 | 2912 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.14 | 25 | 0.01 | 0.02 | 69 | 79 | 35 | 6 | 122 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.70 | 1 | 2912 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.14 | 25 | 0.01 | 0.02 | 69 | 79 | 35 | 6 | 122 | 2000 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.71 | 1 | 2912 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.13 | 25 | 0.01 | 0.02 | 69 | 80 | 35 | 6 | 122 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.71 | 1 | 2913 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.12 | 25 | 0.01 | 0.02 | 69 | 80 | 35 | 6 | 122 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.72 | 1 | 2913 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.12 | 25 | 0.01 | 0.02 | 69 | 80 | 35 | 6 | 123 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.72 | 1 | 2913 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.11 | 25 | 0.01 | 0.02 | 69 | 81 | 35 | 6 | 123 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.73 | 1 | 2914 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.10 | 25 | 0.01 | 0.02 | 69 | 81 | 34 | 6 | 123 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.73 | 1 | 2914 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.10 | 25 | 0.01 | 0.02 | 69 | 81 | 34 | 6 | 123 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.74 | 1 | 2914 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.09 | 25 | 0.01 | 0.02 | 69 | 82 | 34 | 6 | 123 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.75 | 1 | 2915 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.09 | 25 | 0.01 | 0.02 | 69 | 82 | 34 | 6 | 124 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.75 | 1 | 2915 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.08 | 25 | 0.01 | 0.02 | 69 | 83 | 34 | 6 | 124 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.76 | 1 | 2915 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.07 | 25 | 0.01 | 0.02 | 69 | 83 | 34 | 6 | 124 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.76 | 1 | 2916 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.07 | 25 | 0.01 | 0.02 | 69 | 83 | 34 | 6 | 124 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.77 | 1 | 2916 | 97 | 1.0 | 26 | 0.08 | 0.02 | 0.09 | 3.06 | 24 | 0.01 | 0.02 | 69 | 84 | 34 | 6 | 124 | 2000 | 3 |
| 4 | 200 | 0.00 | 2 | 0.00 | 0.78 | 1 | 2916 | 97 | 1.5 | 39 | 0.12 | 0.05 | 0.09 | 3.05 | 24 | 0.01 | 0.02 | 69 | 84 | 33 | 6 | 125 | 200 | 4 |
| 4 | 800 | 0.00 | 2 | 0.00 | 0.79 | 1 | 2917 | 97 | 1.5 | 39 | 0.12 | 0.05 | 0.09 | 3.07 | 25 | 0.01 | 0.03 | 69 | 84 | 33 | 7 | 127 | 800 | 4 |
| 4 | 1400 | 0.00 | 31 | 0.00 | 0.82 | 1 | 2918 | 97 | 2.8 | 60 | 0.22 | 0.13 | 0.09 | 3.08 | 25 | 0.03 | 0.03 | 69 | 84 | 34 | 11 | 130 | 1400 | 4 |
| 4 | 2000 | 0.00 | 31 | 0.00 | 0.86 | 1 | 2920 | 97 | 2.8 | 60 | 0.22 | 0.13 | 0.09 | 3.16 | 25 | 0.03 | 0.04 | 69 | 85 | 35 | 17 | 138 | 2000 | 4 |
| 5 | 200 | 0.00 | 65 | 0.00 | 0.94 | 2 | 2922 | 96 | 5.1 | 82 | 0.40 | 0.33 | 0.09 | 3.25 | 26 | 0.09 | 0.07 | 68 | 85 | 38 | 28 | 153 | 200 | 5 |
| 5 | 800 | 0.00 | 74 | 0.00 | 1.06 | 2 | 2928 | 96 | 5.9 | 87 | 0.47 | 0.41 | 0.09 | 3.48 | 28 | 0.11 | 0.10 | 67 | 85 | 44 | 48 | 179 | 800 | 5 |
| 5 | 1400 | 0.00 | 91 | 0.00 | 1.25 | 2 | 2936 | 95 | 8.8 | 93 | 0.70 | 0.65 | 0.09 | 3.77 | 30 | 0.20 | 0.15 | 66 | 86 | 55 | 82 | 224 | 1400 | 5 |
| 5 | 2000 | 0.00 | 98 | 0.00 | 1.55 | 3 | 2949 | 94 | 11.8 | 94 | 0.94 | 0.89 | 0.09 | 4.22 | 34 | 0.30 | 0.24 | 64 | 86 | 75 | 140 | 303 | 2000 | 5 |
| 6 | 200 | 0.00 | 99 | 0.00 | 1.92 | 3 | 2968 | 92 | 12.7 | 93 | 1.02 | 0.95 | 0.09 | 4.83 | 39 | 0.37 | 0.35 | 60 | 86 | 110 | 243 | 440 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 2.40 | 4 | 2993 | 90 | 15.8 | 92 | 1.26 | 1.16 | 0.09 | 5.44 | 41 | 0.48 | 0.48 | 56 | 87 | 166 | 417 | 671 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 2.96 | 5 | 3035 | 88 | 17.8 | 90 | 1.42 | 1.28 | 0.09 | 6.17 | 43 | 0.56 | 0.64 | 51 | 87 | 251 | 697 | 1036 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 3.59 | 6 | 3088 | 86 | 19.7 | 88 | 1.58 | 1.39 | 0.09 | 6.98 | 46 | 0.63 | 0.82 | 48 | 87 | 373 | 1109 | 1570 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 4.34 | 7 | 3148 | 83 | 22.8 | 85 | 1.[illegible] | 1.55 | 0.09 | 7.84 | 48 | 0.75 | 1.03 | 46 | 88 | 538 | 1673 | 2300 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 5.17 | 8 | 3220 | 79 | 24.7 | 82 | 1.[illegible] | 1.63 | 0.09 | 8.79 | 51 | 0.83 | 1.28 | 44 | 88 | 750 | 2432 | 3272 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 6.07 | 10 | 3292 | 77 | 26.6 | 79 | 2.[illegible] | 1.69 | 0.09 | 9.78 | 54 | 0.91 | 1.54 | 41 | 88 | 1010 | 3414 | 4513 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 6.97 | 11 | 3350 | 75 | 26.0 | 77 | 2.00 | 1.60 | 0.09 | 10.77 | 56 | 0.90 | 1.79 | 38 | 89 | 1312 | 4535 | 5938 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 7.86 | 13 | 3407 | 72 | 25.1 | 74 | 2.01 | 1.49 | 0.09 | 11.68 | 59 | 0.88 | 2.05 | 34 | 89 | 1652 | 5602 | 7345 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 8.76 | 14 | 3463 | 70 | 25.0 | 72 | 2.00 | 1.44 | 0.09 | 12.50 | 63 | 0.90 | 2.27 | 32 | 90 | 2022 | 6462 | 8576 | 800 | 8 |
| 8 | 1400 | 0.02 | 100 | 0.01 | 9.64 | 16 | 3520 | 67 | 24.0 | 70 | 1.92 | 1.35 | 0.09 | 13.25 | 66 | 0.90 | 2.50 | 29 | 90 | 2413 | 7124 | 9529 | 1400 | 8 |
| 8 | 2000 | 0.02 | 100 | 0.02 | 10.54 | 17 | 3577 | 65 | 23.8 | 67 | 1.91 | 1.30 | 0.09 | 13.91 | 70 | 0.90 | 2.74 | 26 | 91 | 2817 | 7672 | 10582 | 2000 | 8 |
| 9 | 200 | 0.05 | 100 | 0.06 | 11.41 | 18 | 3633 | 63 | 23.2 | 65 | 1.85 | 1.25 | 0.09 | 14.49 | 72 | 0.91 | 2.97 | 23 | 92 | 3227 | 8168 | 11488 | 200 | 9 |
| 9 | 800 | 0.05 | 100 | 0.09 | 12.27 | 20 | 3689 | 60 | 23.1 | 63 | 1.84 | 1.20 | 0.09 | 15.02 | 75 | 0.90 | 3.19 | 20 | 93 | 3636 | 8638 | 12368 | 800 | 9 |
| 9 | 1400 | 0.05 | 100 | 0.13 | 13.08 | 21 | 3744 | 59 | 22.4 | 60 | 1.79 | 1.13 | 0.09 | 15.49 | 75 | 0.85 | 3.38 | 19 | 94 | 4040 | 9049 | 13184 | 1400 | 9 |
| 9 | 2000 | 0.06 | 100 | 0.17 | 13.87 | 22 | 3784 | 57 | 22.3 | 59 | 1.78 | 1.10 | 0.09 | 15.95 | 75 | 0.83 | 3.56 | 18 | 95 | 4432 | 9311 | 13840 | 2000 | 9 |
| 10 | 200 | 0.15 | 100 | 0.28 | 14.60 | 24 | 3822 | 56 | 21.4 | 57 | 1.71 | 1.13 | 0.09 | 16.41 | 75 | 0.84 | 3.72 | 17 | 97 | 4808 | 9406 | 14312 | 200 | 10 |
| 10 | 800 | 0.16 | 100 | 0.40 | 15.31 | 25 | 3857 | 54 | 21.3 | 55 | 1.70 | 1.10 | 0.09 | 16.88 | 75 | 0.83 | 3.88 | 16 | 99 | 5162 | 9432 | 14695 | 800 | 10 |
| 10 | 1400 | 0.16 | 100 | 0.52 | 15.99 | 26 | 3890 | 53 | 21.0 | 54 | 1.68 | 1.07 | 0.09 | 17.35 | 75 | 0.80 | 4.01 | 16 | 101 | 5490 | 9456 | 15049 | 1400 | 10 |
| 10 | 2000 | 0.16 | 100 | 0.64 | 16.65 | 27 | 3923 | 51 | 20.9 | 53 | 1.67 | 1.04 | 0.09 | 17.81 | 75 | 0.78 | 4.14 | 15 | 104 | 5791 | 9445 | 15341 | 2000 | 10 |
| 11 | 200 | 0.12 | 100 | 0.73 | 17.27 | 28 | 3954 | 50 | 20.0 | 51 | 1.60 | 0.94 | 0.09 | 18.27 | 75 | 0.71 | 4.22 | 14 | 106 | 6061 | 9344 | 15513 | 200 | 11 |
| 11 | 800 | 0.12 | 100 | 0.82 | 17.87 | 29 | 3984 | 49 | 19.9 | 50 | 1.60 | 0.92 | 0.09 | 18.70 | 75 | 0.69 | 4.30 | 14 | 110 | 6298 | 9112 | 15521 | 800 | 11 |
| 11 | 1400 | 0.18 | 100 | 0.96 | 18.44 | 30 | 4018 | 48 | 19.7 | 49 | 1.57 | 0.94 | 0.09 | 19.13 | 75 | 0.71 | 4.38 | 13 | 113 | 6499 | 8802 | 15416 | 1400 | 11 |
| 11 | 2000 | 0.42 | 100 | 1.27 | 19.00 | 31 | 4057 | 47 | 19.6 | 48 | 1.57 | 1.17 | 0.09 | 19.57 | 75 | 0.88 | 4.51 | 13 | 117 | 6665 | 8641 | 15425 | 2000 | 11 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
510881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BI1 | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.14 | 100 | 1.38 | 19.49 | 31 | 4095 | 46 | 17.4 | 47 | 1.40 | 0.79 | 0.09 | 20.07 | 75 | 0.60 | 4.53 | 12 | 122 | 6799 | 8731 | 15653 | 200 | 12 |
| 12 | 800 | 0.14 | 100 | 1.49 | 19.94 | 32 | 4128 | 45 | 16.3 | 46 | 1.31 | 0.74 | 0.09 | 20.46 | 75 | 0.56 | 4.52 | 12 | 127 | 6904 | 8694 | 15727 | 800 | 12 |
| 12 | 1400 | 0.19 | 100 | 1.63 | 20.35 | 33 | 4159 | 44 | 15.2 | 45 | 1.22 | 0.74 | 0.09 | 20.82 | 75 | 0.55 | 4.50 | 12 | 132 | 6980 | 8217 | 15330 | 1400 | 12 |
| 12 | 2000 | 0.48 | 100 | 1.99 | 20.72 | 33 | 4187 | 43 | 14.1 | 44 | 1.13 | 0.98 | 0.09 | 21.17 | 75 | 0.73 | 4.53 | 12 | 138 | 7024 | 7639 | 14802 | 2000 | 12 |
| 13 | 200 | 0.19 | 100 | 2.14 | 21.08 | 34 | 4212 | 42 | 14.1 | 43 | 1.13 | 0.68 | 0.09 | 21.57 | 75 | 0.51 | 4.49 | 12 | 144 | 7039 | 7364 | 14549 | 200 | 13 |
| 13 | 800 | 0.19 | 100 | 2.28 | 21.44 | 35 | 4237 | 42 | 14.1 | 42 | 1.12 | 0.67 | 0.09 | 21.90 | 75 | 0.50 | 4.45 | 13 | 151 | 7028 | 7204 | 14385 | 800 | 13 |
| 13 | 1400 | 0.26 | 100 | 2.47 | 21.79 | 35 | 4261 | 41 | 14.0 | 42 | 1.12 | 0.72 | 0.09 | 22.23 | 75 | 0.54 | 4.43 | 13 | 159 | 6993 | 6877 | 14029 | 1400 | 13 |
| 13 | 2000 | 0.66 | 100 | 2.96 | 22.14 | 36 | 4285 | 40 | 14.0 | 41 | 1.12 | 1.11 | 0.09 | 22.57 | 75 | 0.84 | 4.51 | 13 | 167 | 6936 | 6677 | 13780 | 2000 | 13 |
| 14 | 200 | 0.23 | 100 | 3.14 | 22.45 | 36 | 4308 | 40 | 13.1 | 40 | 1.05 | 0.65 | 0.09 | 23.02 | 75 | 0.49 | 4.46 | 12 | 175 | 6865 | 6911 | 13953 | 200 | 14 |
| 14 | 800 | 0.23 | 100 | 3.31 | 22.76 | 37 | 4327 | 39 | 13.1 | 40 | 1.05 | 0.65 | 0.09 | 23.33 | 75 | 0.49 | 4.41 | 13 | 184 | 6788 | 7142 | 14115 | 800 | 14 |
| 14 | 1400 | 0.31 | 100 | 3.54 | 23.07 | 37 | 4342 | 39 | 13.0 | 39 | 1.04 | 0.72 | 0.09 | 23.65 | 75 | 0.54 | 4.39 | 13 | 194 | 6707 | 6922 | 13824 | 1400 | 14 |
| 14 | 2000 | 0.78 | 100 | 4.13 | 23.37 | 38 | 4357 | 39 | 13.0 | 39 | 1.04 | 1.19 | 0.09 | 23.98 | 75 | 0.89 | 4.47 | 13 | 204 | 6623 | 6704 | 13532 | 2000 | 14 |
| 15 | 200 | 0.39 | 100 | 4.43 | 23.70 | 38 | 4371 | 38 | 14.0 | 38 | 1.12 | 0.82 | 0.09 | 24.44 | 75 | 0.62 | 4.48 | 13 | 215 | 6542 | 7045 | 13804 | 200 | 15 |
| 15 | 800 | 0.39 | 100 | 4.72 | 24.01 | 39 | 4386 | 38 | 13.9 | 38 | 1.11 | 0.81 | 0.09 | 24.81 | 75 | 0.61 | 4.48 | 13 | 226 | 6473 | 7597 | 14298 | 800 | 15 |
| 15 | 1400 | 0.52 | 100 | 5.11 | 24.33 | 39 | 4401 | 37 | 13.9 | 38 | 1.11 | 0.94 | 0.09 | 25.18 | 75 | 0.70 | 4.52 | 13 | 238 | 6418 | 7818 | 14476 | 1400 | 15 |
| 15 | 2000 | 1.30 | 100 | 6.09 | 24.63 | 40 | 4416 | 37 | 13.8 | 37 | 1.11 | 1.71 | 0.09 | 25.59 | 75 | 1.29 | 4.73 | 12 | 251 | 6382 | 8148 | 14782 | 2000 | 15 |
| 16 | 200 | 0.71 | 100 | 6.62 | 24.91 | 40 | 4431 | 36 | 12.5 | 37 | 1.00 | 1.08 | 0.09 | 26.19 | 75 | 0.81 | 4.76 | 11 | 264 | 6374 | 9215 | 15854 | 200 | 16 |
| 16 | 800 | 0.30 | 99 | 6.84 | 25.14 | 41 | 4444 | 36 | 10.4 | 36 | 0.83 | 0.59 | 0.09 | 26.61 | 75 | 0.45 | 4.66 | 11 | 277 | 6402 | 10204 | 16885 | 800 | 16 |
| 16 | 1400 | 0.21 | 99 | 6.99 | 25.36 | 41 | 4454 | 36 | 10.4 | 36 | 0.83 | 0.50 | 0.09 | 26.89 | 75 | 0.38 | 4.54 | 12 | 291 | 6459 | 9802 | 16554 | 1400 | 16 |
| 16 | 2000 | 0.21 | 99 | 7.15 | 25.60 | 41 | 4465 | 35 | 11.4 | 36 | 0.91 | 0.53 | 0.09 | 27.14 | 75 | 0.40 | 4.45 | 12 | 306 | 6523 | 8205 | 15036 | 2000 | 16 |
| 17 | 200 | 0.49 | 99 | 7.51 | 25.85 | 42 | 4476 | 35 | 11.5 | 35 | 0.92 | 0.81 | 0.09 | 27.42 | 75 | 0.61 | 4.43 | 13 | 321 | 6574 | 6659 | 13555 | 200 | 17 |
| 17 | 800 | 0.20 | 99 | 7.66 | 26.09 | 42 | 4488 | 35 | 11.5 | 35 | 0.92 | 0.52 | 0.09 | 27.77 | 75 | 0.39 | 4.35 | 13 | 336 | 6597 | 5879 | 12814 | 800 | 17 |
| 17 | 1400 | 0.14 | 99 | 7.77 | 26.33 | 42 | 4499 | 34 | 11.5 | 35 | 0.92 | 0.46 | 0.09 | 28.04 | 75 | 0.35 | 4.26 | 13 | 352 | 6587 | 5554 | 12495 | 1400 | 17 |
| 17 | 2000 | 0.14 | 99 | 7.88 | 26.56 | 43 | 4511 | 34 | 11.4 | 34 | 0.91 | 0.46 | 0.09 | 28.30 | 75 | 0.34 | 4.18 | 14 | 369 | 6540 | 5143 | 12054 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 7.88 | 26.81 | 43 | 4522 | 34 | 12.4 | 34 | 0.99 | 0.34 | 0.09 | 28.56 | 75 | 0.25 | 4.09 | 14 | 386 | 6455 | 4590 | 11433 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 7.88 | 27.06 | 44 | 4534 | 33 | 12.4 | 34 | 0.99 | 0.33 | 0.09 | 28.79 | 75 | 0.25 | 4.01 | 15 | 403 | 6331 | 4020 | 10756 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 7.88 | 27.31 | 44 | 4546 | 33 | 12.4 | 33 | 0.99 | 0.33 | 0.09 | 29.01 | 75 | 0.25 | 3.93 | 15 | 421 | 6170 | 3499 | 10091 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 7.88 | 27.55 | 44 | 4557 | 33 | 12.3 | 33 | 0.99 | 0.32 | 0.09 | 29.24 | 75 | 0.24 | 3.85 | 15 | 439 | 5975 | 3103 | 9519 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 7.88 | 27.85 | 45 | 4569 | 32 | 15.2 | 33 | 1.22 | 0.40 | 0.09 | 29.46 | 75 | 0.30 | 3.84 | 16 | 458 | 5752 | 2881 | 9093 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 7.88 | 28.18 | 45 | 4583 | 32 | 17.3 | 32 | 1.38 | 0.44 | 0.09 | 29.75 | 75 | 0.33 | 3.87 | 16 | 477 | 5510 | 2869 | 8857 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 7.88 | 28.55 | 46 | 4599 | 31 | 19.3 | 32 | 1.55 | 0.49 | 0.09 | 30.07 | 75 | 0.37 | 3.93 | 16 | 496 | 5260 | 3068 | 8825 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 7.88 | 28.96 | 47 | 4616 | 31 | 21.6 | 31 | 1.73 | 0.54 | 0.09 | 30.44 | 75 | 0.40 | 4.04 | 15 | 516 | 5013 | 3413 | 8943 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 7.88 | 29.37 | 47 | 4635 | 30 | 22.6 | 31 | 1.80 | 0.55 | 0.09 | 30.85 | 75 | 0.41 | 4.15 | 15 | 535 | 4779 | 3820 | 9136 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 7.88 | 29.78 | 48 | 4655 | 30 | 22.5 | 30 | 1.80 | 0.54 | 0.09 | 31.29 | 75 | 0.41 | 4.25 | 14 | 556 | 4567 | 4205 | 9329 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 7.88 | 30.17 | 49 | 4674 | 29 | 22.4 | 29 | 1.79 | 0.53 | 0.09 | 31.72 | 75 | 0.40 | 4.35 | 14 | 576 | 4382 | 4486 | 9446 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 7.88 | 30.56 | 49 | 4693 | 28 | 22.4 | 29 | 1.79 | 0.52 | 0.09 | 32.15 | 75 | 0.39 | 4.43 | 13 | 597 | 4227 | 4635 | 9460 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 7.88 | 31.01 | 50 | 4711 | 28 | 26.3 | 28 | 2.10 | 0.60 | 0.09 | 32.58 | 75 | 0.45 | 4.59 | 13 | 617 | 4101 | 4712 | 9431 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 7.88 | 31.44 | 51 | 4733 | 27 | 26.2 | 28 | 2.10 | 0.58 | 0.09 | 33.09 | 75 | 0.44 | 4.73 | 12 | 638 | 4003 | 4831 | 9473 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 7.88 | 31.87 | 51 | 4753 | 27 | 26.2 | 27 | 2.09 | 0.57 | 0.09 | 33.60 | 75 | 0.43 | 4.86 | 11 | 660 | 3930 | 5010 | 9601 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 7.88 | 32.29 | 52 | 4773 | 26 | 26.1 | 27 | 2.09 | 0.55 | 0.09 | 34.11 | 75 | 0.42 | 4.97 | 11 | 681 | 3881 | 5157 | 9720 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 7.88 | 32.72 | 53 | 4793 | 25 | 28.1 | 26 | 2.25 | 0.58 | 0.09 | 34.62 | 75 | 0.44 | 5.12 | 10 | 702 | 3852 | 5233 | 9789 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 7.88 | 33.15 | 53 | 4814 | 25 | 28.1 | 25 | 2.24 | 0.57 | 0.09 | 35.17 | 75 | 0.43 | 5.26 | 10 | 724 | 3840 | 5289 | 9854 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 7.88 | 33.57 | 54 | 4834 | 24 | 28.0 | 25 | 2.24 | 0.55 | 0.09 | 35.72 | 75 | 0.42 | 5.38 | 9 | 745 | 3841 | 5342 | 9930 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 7.88 | 33.97 | 55 | 4854 | 24 | 27.9 | 24 | 2.23 | 0.54 | 0.09 | 36.26 | 75 | 0.40 | 5.49 | 9 | 767 | 3852 | 5360 | 9980 | 2000 | 22 |



FORM 1411-2
PRINTED IN U.S.A.

BASIN RESULTS - STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE

| RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION |
|---|---|---|---|
| | 310881 | 1 MAY 1972 1400 | 0 SUSITNA HEP SPRING PMF |

N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.320 IN./DEGREE-DAY, AREA = 232.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 7.88 | 34.35 | 55 | 4873 | 23 | 26.8 | 24 | 2.14 | 0.51 | 0.09 | 36.81 | 75 | 0.38 | 5.58 | 9 | 788 | 3869 | 5313 | 9972 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 7.88 | 34.72 | 56 | 4891 | 23 | 26.8 | 23 | 2.14 | 0.49 | 0.09 | 37.33 | 75 | 0.37 | 5.65 | 9 | 810 | 3889 | 5201 | 9902 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 7.88 | 35.08 | 57 | 4909 | 22 | 26.7 | 23 | 2.14 | 0.48 | 0.09 | 37.85 | 75 | 0.36 | 5.72 | 9 | 831 | 3908 | 5046 | 9787 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 7.88 | 35.43 | 57 | 4926 | 22 | 26.6 | 22 | 2.13 | 0.47 | 0.09 | 38.37 | 75 | 0.35 | 5.78 | 9 | 853 | 3923 | 4887 | 9664 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 7.88 | 35.70 | 58 | 4942 | 21 | 20.3 | 22 | 1.62 | 0.35 | 0.09 | 38.88 | 75 | 0.26 | 5.71 | 8 | 874 | 3931 | 4700 | 9507 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 7.88 | 35.95 | 58 | 4955 | 21 | 20.2 | 21 | 1.62 | 0.34 | 0.09 | 39.27 | 75 | 0.26 | 5.65 | 9 | 896 | 3929 | 4399 | 9225 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 7.88 | 36.21 | 58 | 4967 | 21 | 20.2 | 21 | 1.62 | 0.34 | 0.09 | 39.66 | 75 | 0.25 | 5.60 | 9 | 917 | 3913 | 3997 | 8828 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 7.88 | 36.45 | 59 | 4979 | 20 | 20.2 | 20 | 1.61 | 0.33 | 0.09 | 40.04 | 75 | 0.25 | 5.54 | 9 | 938 | 3882 | 3629 | 8451 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 7.88 | 36.66 | 59 | 4991 | 20 | 17.0 | 20 | 1.36 | 0.27 | 0.09 | 40.42 | 75 | 0.20 | 5.43 | 9 | 959 | 3834 | 3353 | 8148 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 7.88 | 36.86 | 59 | 4999 | 20 | 16.9 | 20 | 1.36 | 0.27 | 0.09 | 40.74 | 75 | 0.20 | 5.33 | 9 | 980 | 3770 | 3110 | 7862 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 7.88 | 37.06 | 60 | 5008 | 20 | 16.9 | 20 | 1.35 | 0.27 | 0.09 | 41.06 | 75 | 0.20 | 5.23 | 9 | 1001 | 3691 | 2870 | 7564 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 7.88 | 37.26 | 60 | 5019 | 19 | 16.9 | 20 | 1.35 | 0.26 | 0.09 | 41.37 | 75 | 0.20 | 5.15 | 10 | 1021 | 3598 | 2674 | 7295 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 7.88 | 37.44 | 60 | 5029 | 19 | 15.8 | 19 | 1.27 | 0.25 | 0.09 | 41.69 | 75 | 0.18 | 5.04 | 10 | 1042 | 3494 | 2537 | 7074 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 7.88 | 37.63 | 61 | 5039 | 19 | 15.8 | 19 | 1.27 | 0.24 | 0.09 | 41.98 | 75 | 0.18 | 4.95 | 10 | 1062 | 3382 | 2431 | 6877 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 7.88 | 37.81 | 61 | 5049 | 19 | 15.8 | 19 | 1.26 | 0.24 | 0.09 | 42.27 | 75 | 0.18 | 4.86 | 10 | 1082 | 3265 | 2338 | 6686 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 7.88 | 37.99 | 61 | 5058 | 19 | 15.8 | 19 | 1.26 | 0.24 | 0.09 | 42.57 | 75 | 0.18 | 4.78 | 11 | 1101 | 3146 | 2261 | 6509 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 7.88 | 38.15 | 62 | 5068 | 19 | 14.7 | 19 | 1.18 | 0.22 | 0.09 | 42.86 | 75 | 0.17 | 4.69 | 11 | 1120 | 3026 | 2197 | 6345 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 7.88 | 38.32 | 62 | 5077 | 19 | 14.7 | 19 | 1.18 | 0.22 | 0.09 | 43.13 | 75 | 0.17 | 4.60 | 12 | 1139 | 2909 | 2129 | 6179 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 7.88 | 38.48 | 62 | 5086 | 19 | 14.7 | 19 | 1.18 | 0.22 | 0.09 | 43.40 | 75 | 0.16 | 4.52 | 12 | 1158 | 2794 | 2052 | 6006 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 7.88 | 38.65 | 62 | 5094 | 18 | 14.7 | 18 | 1.17 | 0.22 | 0.09 | 43.67 | 75 | 0.16 | 4.44 | 12 | 1176 | 2685 | 1983 | 5845 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 7.88 | 38.81 | 63 | 5103 | 18 | 14.7 | 18 | 1.17 | 0.21 | 0.09 | 43.94 | 75 | 0.16 | 4.37 | 13 | 1194 | 2580 | 1930 | 5706 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 7.88 | 38.97 | 63 | 5112 | 18 | 14.7 | 18 | 1.17 | 0.21 | 0.09 | 44.21 | 75 | 0.16 | 4.31 | 13 | 1212 | 2481 | 1891 | 5585 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 7.88 | 39.12 | 63 | 5120 | 18 | 14.6 | 18 | 1.17 | 0.21 | 0.09 | 44.48 | 75 | 0.16 | 4.25 | 13 | 1229 | 2389 | 1860 | 5479 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 7.88 | 39.28 | 63 | 5129 | 18 | 14.6 | 18 | 1.17 | 0.21 | 0.09 | 44.75 | 75 | 0.16 | 4.19 | 14 | 1246 | 2302 | 1833 | 5384 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 7.88 | 39.43 | 64 | 5137 | 18 | 13.6 | 18 | 1.09 | 0.19 | 0.09 | 45.02 | 75 | 0.14 | 4.12 | 14 | 1263 | 2223 | 1804 | 5291 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 7.88 | 39.57 | 64 | 5145 | 18 | 13.6 | 18 | 1.08 | 0.19 | 0.09 | 45.26 | 75 | 0.14 | 4.05 | 14 | 1279 | 2149 | 1758 | 5188 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 7.88 | 39.71 | 64 | 5152 | 18 | 13.5 | 18 | 1.08 | 0.19 | 0.09 | 45.51 | 75 | 0.14 | 3.99 | 15 | 1295 | 2081 | 1698 | 5076 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 7.88 | 39.86 | 64 | 5160 | 17 | 13.5 | 17 | 1.08 | 0.19 | 0.09 | 45.76 | 75 | 0.14 | 3.94 | 15 | 1310 | 2018 | 1642 | 4972 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 7.88 | 39.99 | 64 | 5167 | 17 | 12.5 | 17 | 1.00 | 0.17 | 0.09 | 46.01 | 75 | 0.13 | 3.86 | 15 | 1325 | 1959 | 1594 | 4881 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 7.88 | 40.11 | 65 | 5174 | 17 | 12.5 | 17 | 1.00 | 0.17 | 0.09 | 46.23 | 75 | 0.13 | 3.80 | 16 | 1340 | 1904 | 1542 | 4788 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 7.88 | 40.24 | 65 | 5181 | 17 | 12.4 | 17 | 1.00 | 0.17 | 0.09 | 46.46 | 75 | 0.13 | 3.74 | 16 | 1354 | 1853 | 1482 | 4690 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1311-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 70 | 10 | 4 | 84 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.00 | 0 | 2350 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 4.00 | 32 | 0.00 | 0.03 | 57 | 70 | 10 | 3 | 84 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2350 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.99 | 32 | 0.00 | 0.03 | 57 | 70 | 13 | 3 | 87 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.01 | 0 | 2351 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.97 | 32 | 0.00 | 0.03 | 57 | 70 | 18 | 3 | 92 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2351 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.96 | 32 | 0.00 | 0.03 | 57 | 70 | 26 | 3 | 99 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.02 | 0 | 2352 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.95 | 32 | 0.00 | 0.03 | 57 | 70 | 34 | 2 | 107 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2352 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.93 | 31 | 0.00 | 0.03 | 57 | 70 | 40 | 2 | 114 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2353 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.92 | 31 | 0.00 | 0.03 | 57 | 70 | 46 | 2 | 119 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.03 | 0 | 2353 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.91 | 31 | 0.00 | 0.02 | 57 | 70 | 49 | 2 | 123 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2354 | 100 | 1.1 | 50 | 0.03 | 0.01 | 0.09 | 3.89 | 31 | 0.00 | 0.02 | 58 | 70 | 52 | 2 | 125 | 2000 | 3 |
| 4 | 200 | 0.00 | 0 | 0.00 | 0.04 | 0 | 2354 | 100 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.88 | 31 | 0.00 | 0.02 | 58 | 70 | 53 | 2 | 126 | 200 | 4 |
| 4 | 800 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2355 | 100 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.87 | 31 | 0.00 | 0.02 | 58 | 70 | 54 | 2 | 127 | 800 | 4 |
| 4 | 1400 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2355 | 100 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.85 | 31 | 0.00 | 0.02 | 58 | 70 | 54 | 2 | 128 | 1400 | 4 |
| 4 | 2000 | 0.00 | 0 | 0.00 | 0.05 | 0 | 2355 | 100 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.84 | 31 | 0.00 | 0.02 | 58 | 70 | 54 | 2 | 128 | 2000 | 4 |
| 5 | 200 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2356 | 100 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.83 | 31 | 0.00 | 0.02 | 58 | 70 | 54 | 2 | 127 | 200 | 5 |
| 5 | 800 | 0.00 | 0 | 0.00 | 0.06 | 0 | 2356 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.81 | 31 | 0.00 | 0.02 | 58 | 70 | 54 | 2 | 127 | 800 | 5 |
| 5 | 1400 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2357 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.80 | 30 | 0.00 | 0.02 | 58 | 70 | 54 | 2 | 127 | 1400 | 5 |
| 5 | 2000 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2357 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.79 | 30 | 0.00 | 0.02 | 58 | 70 | 53 | 2 | 127 | 2000 | 5 |
| 6 | 200 | 0.00 | 0 | 0.00 | 0.07 | 0 | 2358 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.77 | 30 | 0.00 | 0.02 | 58 | 70 | 53 | 2 | 126 | 200 | 6 |
| 6 | 800 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2358 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.76 | 30 | 0.00 | 0.02 | 58 | 70 | 53 | 2 | 126 | 800 | 6 |
| 6 | 1400 | 0.00 | 0 | 0.00 | 0.08 | 0 | 2358 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.75 | 30 | 0.00 | 0.02 | 58 | 70 | 53 | 2 | 126 | 1400 | 6 |
| 6 | 2000 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2359 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.73 | 30 | 0.00 | 0.02 | 58 | 70 | 52 | 2 | 126 | 2000 | 6 |
| 7 | 200 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2359 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.72 | 30 | 0.00 | 0.02 | 58 | 70 | 52 | 2 | 125 | 200 | 7 |
| 7 | 800 | 0.00 | 0 | 0.00 | 0.09 | 0 | 2360 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.71 | 30 | 0.00 | 0.02 | 58 | 70 | 52 | 2 | 125 | 800 | 7 |
| 7 | 1400 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2360 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.69 | 30 | 0.00 | 0.02 | 58 | 70 | 52 | 2 | 125 | 1400 | 7 |
| 7 | 2000 | 0.00 | 0 | 0.00 | 0.10 | 0 | 2361 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.68 | 29 | 0.00 | 0.02 | 58 | 70 | 51 | 2 | 124 | 2000 | 7 |
| 8 | 200 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2361 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.67 | 29 | 0.00 | 0.02 | 58 | 70 | 51 | 2 | 124 | 200 | 8 |
| 8 | 800 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2361 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.65 | 29 | 0.00 | 0.02 | 58 | 70 | 51 | 2 | 124 | 800 | 8 |
| 8 | 1400 | 0.00 | 0 | 0.00 | 0.11 | 0 | 2362 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.64 | 29 | 0.00 | 0.02 | 58 | 70 | 50 | 2 | 124 | 1400 | 8 |
| 8 | 2000 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2362 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.63 | 29 | 0.00 | 0.02 | 58 | 70 | 50 | 2 | 123 | 2000 | 8 |
| 9 | 200 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2363 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.61 | 29 | 0.00 | 0.02 | 58 | 70 | 50 | 2 | 123 | 200 | 9 |
| 9 | 800 | 0.00 | 0 | 0.00 | 0.12 | 0 | 2363 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.60 | 29 | 0.00 | 0.02 | 58 | 70 | 50 | 2 | 123 | 800 | 9 |
| 9 | 1400 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2363 | 99 | 1.1 | 49 | 0.03 | 0.01 | 0.09 | 3.59 | 29 | 0.00 | 0.02 | 58 | 70 | 49 | 2 | 123 | 1400 | 9 |
| 9 | 2000 | 0.00 | 0 | 0.00 | 0.13 | 0 | 2364 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.57 | 29 | 0.00 | 0.02 | 58 | 70 | 49 | 2 | 122 | 2000 | 9 |
| 10 | 200 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2364 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.56 | 28 | 0.00 | 0.02 | 58 | 70 | 49 | 2 | 122 | 200 | 10 |
| 10 | 800 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2365 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.55 | 28 | 0.00 | 0.02 | 58 | 70 | 49 | 2 | 122 | 800 | 10 |
| 10 | 1400 | 0.00 | 0 | 0.00 | 0.14 | 0 | 2365 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.54 | 28 | 0.00 | 0.02 | 58 | 70 | 48 | 2 | 122 | 1400 | 10 |
| 10 | 2000 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2365 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.52 | 28 | 0.00 | 0.02 | 58 | 70 | 48 | 2 | 121 | 2000 | 10 |
| 11 | 200 | 0.00 | 0 | 0.00 | 0.15 | 0 | 2366 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.51 | 28 | 0.00 | 0.02 | 58 | 70 | 48 | 2 | 121 | 200 | 11 |
| 11 | 800 | 0.00 | 0 | 0.00 | 0.15 | 1 | 2366 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.50 | 28 | 0.00 | 0.02 | 58 | 70 | 48 | 2 | 121 | 800 | 11 |
| 11 | 1400 | 0.00 | 0 | 0.00 | 0.16 | 1 | 2367 | 99 | 1.0 | 49 | 0.03 | 0.01 | 0.09 | 3.48 | 28 | 0.00 | 0.02 | 58 | 70 | 47 | 2 | 121 | 1400 | 11 |
| 11 | 2000 | 0.00 | 0 | 0.00 | 0.16 | 1 | 2367 | 99 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.47 | 28 | 0.00 | 0.02 | 58 | 70 | 47 | 2 | 120 | 2000 | 11 |
| 12 | 200 | 0.00 | 0 | 0.00 | 0.16 | 1 | 2367 | 99 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.46 | 28 | 0.00 | 0.02 | 58 | 70 | 47 | 2 | 120 | 200 | 12 |
| 12 | 800 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2368 | 99 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.44 | 28 | 0.00 | 0.02 | 58 | 70 | 47 | 2 | 120 | 800 | 12 |



PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.101 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2368 | 99 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.43 | 27 | 0.00 | 0.02 | 58 | 70 | 46 | 2 | 120 | 1400 | 12 |
| 12 | 2000 | 0.00 | 0 | 0.00 | 0.17 | 1 | 2369 | 99 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.42 | 27 | 0.00 | 0.02 | 58 | 70 | 46 | 2 | 119 | 2000 | 12 |
| 13 | 200 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2369 | 99 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.40 | 27 | 0.00 | 0.02 | 58 | 70 | 46 | 2 | 119 | 200 | 13 |
| 13 | 800 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2369 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.39 | 27 | 0.00 | 0.02 | 58 | 70 | 46 | 2 | 119 | 800 | 13 |
| 13 | 1400 | 0.00 | 0 | 0.00 | 0.18 | 1 | 2370 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.38 | 27 | 0.00 | 0.02 | 58 | 70 | 46 | 2 | 119 | 1400 | 13 |
| 13 | 2000 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2370 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.36 | 27 | 0.00 | 0.02 | 58 | 70 | 45 | 2 | 118 | 2000 | 13 |
| 14 | 200 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2370 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.35 | 27 | 0.00 | 0.02 | 58 | 70 | 45 | 2 | 118 | 200 | 14 |
| 14 | 800 | 0.00 | 0 | 0.00 | 0.19 | 1 | 2371 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.34 | 27 | 0.00 | 0.02 | 58 | 70 | 45 | 2 | 118 | 800 | 14 |
| 14 | 1400 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2371 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.33 | 27 | 0.00 | 0.02 | 58 | 70 | 45 | 2 | 118 | 1400 | 14 |
| 14 | 2000 | 0.00 | 0 | 0.00 | 0.20 | 1 | 2372 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.31 | 27 | 0.00 | 0.02 | 58 | 70 | 44 | 2 | 118 | 2000 | 14 |
| 15 | 200 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2372 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.30 | 26 | 0.00 | 0.02 | 58 | 70 | 44 | 2 | 117 | 200 | 15 |
| 15 | 800 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2372 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.29 | 26 | 0.00 | 0.02 | 58 | 70 | 44 | 2 | 117 | 800 | 15 |
| 15 | 1400 | 0.00 | 0 | 0.00 | 0.21 | 1 | 2373 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.27 | 26 | 0.00 | 0.01 | 58 | 70 | 44 | 2 | 117 | 1400 | 15 |
| 15 | 2000 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2373 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.26 | 26 | 0.00 | 0.01 | 59 | 70 | 43 | 2 | 117 | 2000 | 15 |
| 16 | 200 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2373 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.25 | 26 | 0.00 | 0.01 | 59 | 70 | 43 | 2 | 117 | 200 | 16 |
| 16 | 800 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2374 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.23 | 26 | 0.00 | 0.01 | 59 | 70 | 43 | 2 | 116 | 800 | 16 |
| 16 | 1400 | 0.00 | 0 | 0.00 | 0.22 | 1 | 2374 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.22 | 26 | 0.00 | 0.01 | 59 | 70 | 43 | 2 | 116 | 1400 | 16 |
| 16 | 2000 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2374 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.21 | 26 | 0.00 | 0.01 | 59 | 70 | 43 | 2 | 116 | 2000 | 16 |
| 17 | 200 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2375 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.20 | 26 | 0.00 | 0.01 | 59 | 70 | 42 | 2 | 116 | 200 | 17 |
| 17 | 800 | 0.00 | 0 | 0.00 | 0.23 | 1 | 2375 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.18 | 25 | 0.00 | 0.01 | 59 | 70 | 42 | 2 | 116 | 800 | 17 |
| 17 | 1400 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2376 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.17 | 25 | 0.00 | 0.01 | 59 | 70 | 42 | 2 | 115 | 1400 | 17 |
| 17 | 2000 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2376 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.16 | 25 | 0.00 | 0.01 | 59 | 70 | 42 | 2 | 115 | 2000 | 17 |
| 18 | 200 | 0.00 | 0 | 0.00 | 0.24 | 1 | 2376 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.14 | 25 | 0.00 | 0.01 | 59 | 70 | 42 | 2 | 115 | 200 | 18 |
| 18 | 800 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2377 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.13 | 25 | 0.00 | 0.01 | 59 | 70 | 41 | 2 | 115 | 800 | 18 |
| 18 | 1400 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2377 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.12 | 25 | 0.00 | 0.01 | 59 | 70 | 41 | 2 | 115 | 1400 | 18 |
| 18 | 2000 | 0.00 | 0 | 0.00 | 0.25 | 1 | 2377 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.11 | 25 | 0.00 | 0.01 | 59 | 70 | 41 | 2 | 114 | 2000 | 18 |
| 19 | 200 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2378 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.09 | 25 | 0.00 | 0.01 | 59 | 70 | 41 | 2 | 114 | 200 | 19 |
| 19 | 800 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2378 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.08 | 25 | 0.00 | 0.01 | 59 | 70 | 40 | 2 | 114 | 800 | 19 |
| 19 | 1400 | 0.00 | 0 | 0.00 | 0.26 | 1 | 2378 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.07 | 25 | 0.00 | 0.01 | 59 | 70 | 40 | 2 | 114 | 1400 | 19 |
| 19 | 2000 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2379 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.05 | 24 | 0.00 | 0.01 | 59 | 70 | 40 | 2 | 114 | 2000 | 19 |
| 20 | 200 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2379 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.04 | 24 | 0.00 | 0.01 | 59 | 70 | 40 | 2 | 113 | 200 | 20 |
| 20 | 800 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2379 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.03 | 24 | 0.00 | 0.01 | 59 | 70 | 40 | 2 | 113 | 800 | 20 |
| 20 | 1400 | 0.00 | 0 | 0.00 | 0.27 | 1 | 2380 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.02 | 24 | 0.00 | 0.01 | 59 | 70 | 39 | 2 | 113 | 1400 | 20 |
| 20 | 2000 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2380 | 98 | 1.0 | 48 | 0.03 | 0.01 | 0.09 | 3.00 | 24 | 0.00 | 0.01 | 59 | 70 | 39 | 2 | 113 | 2000 | 20 |
| 21 | 200 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2380 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.99 | 24 | 0.00 | 0.01 | 59 | 70 | 39 | 2 | 112 | 200 | 21 |
| 21 | 800 | 0.00 | 0 | 0.00 | 0.28 | 1 | 2381 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.98 | 24 | 0.00 | 0.01 | 59 | 70 | 39 | 2 | 112 | 800 | 21 |
| 21 | 1400 | 0.00 | 0 | 0.00 | 0.29 | 1 | 2381 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.96 | 24 | 0.00 | 0.01 | 59 | 70 | 39 | 2 | 112 | 1400 | 21 |
| 21 | 2000 | 0.00 | 0 | 0.00 | 0.29 | 1 | 2381 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.95 | 24 | 0.00 | 0.01 | 59 | 70 | 38 | 2 | 112 | 2000 | 21 |
| 22 | 200 | 0.00 | 0 | 0.00 | 0.29 | 1 | 2381 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.94 | 24 | 0.00 | 0.01 | 59 | 70 | 38 | 2 | 112 | 200 | 22 |
| 22 | 800 | 0.00 | 0 | 0.00 | 0.30 | 1 | 2382 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.93 | 23 | 0.00 | 0.01 | 59 | 71 | 38 | 1 | 111 | 800 | 22 |
| 22 | 1400 | 0.00 | 0 | 0.00 | 0.30 | 1 | 2382 | 98 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.91 | 23 | 0.00 | 0.01 | 59 | 71 | 38 | 1 | 111 | 1400 | 22 |
| 22 | 2000 | 0.00 | 0 | 0.00 | 0.30 | 1 | 2382 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.90 | 23 | 0.00 | 0.01 | 59 | 71 | 38 | 1 | 111 | 2000 | 22 |
| 23 | 200 | 0.00 | 0 | 0.00 | 0.30 | 1 | 2383 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.89 | 23 | 0.00 | 0.01 | 59 | 71 | 37 | 1 | 111 | 200 | 23 |
| 23 | 800 | 0.00 | 0 | 0.00 | 0.31 | 1 | 2383 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.87 | 23 | 0.00 | 0.01 | 59 | 71 | 37 | 1 | 111 | 800 | 23 |

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

EII = 0.09 IN./DAY, MELT RATE = 0.103 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | EII | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 0 | 0.00 | 0.31 | 1 | 2383 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.86 | 23 | 0.00 | 0.01 | 59 | 71 | 37 | 1 | 110 | 1400 | 23 |
| 23 | 2000 | 0.00 | 0 | 0.00 | 0.31 | 1 | 2384 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.85 | 23 | 0.00 | 0.01 | 59 | 71 | 37 | 1 | 110 | 2000 | 23 |
| 24 | 200 | 0.00 | 0 | 0.00 | 0.32 | 1 | 2384 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.84 | 23 | 0.00 | 0.01 | 59 | 71 | 37 | 1 | 110 | 200 | 24 |
| 24 | 800 | 0.00 | 0 | 0.00 | 0.32 | 1 | 2384 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.82 | 23 | 0.00 | 0.01 | 59 | 71 | 36 | 1 | 110 | 800 | 24 |
| 24 | 1400 | 0.00 | 0 | 0.00 | 0.32 | 1 | 2385 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.81 | 22 | 0.00 | 0.01 | 59 | 71 | 36 | 1 | 110 | 1400 | 24 |
| 24 | 2000 | 0.00 | 0 | 0.00 | 0.32 | 1 | 2385 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.80 | 22 | 0.00 | 0.01 | 59 | 71 | 36 | 1 | 109 | 2000 | 24 |
| 25 | 200 | 0.00 | 0 | 0.00 | 0.33 | 1 | 2385 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.79 | 22 | 0.00 | 0.01 | 59 | 70 | 36 | 1 | 109 | 200 | 25 |
| 25 | 800 | 0.00 | 0 | 0.00 | 0.33 | 1 | 2385 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.77 | 22 | 0.00 | 0.01 | 59 | 70 | 36 | 1 | 109 | 800 | 25 |
| 25 | 1400 | 0.00 | 0 | 0.00 | 0.33 | 1 | 2386 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.76 | 22 | 0.00 | 0.01 | 59 | 70 | 35 | 1 | 109 | 1400 | 25 |
| 25 | 2000 | 0.00 | 0 | 0.00 | 0.33 | 1 | 2386 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.75 | 22 | 0.00 | 0.01 | 59 | 70 | 35 | 1 | 109 | 2000 | 25 |
| 26 | 200 | 0.00 | 0 | 0.00 | 0.34 | 1 | 2386 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.73 | 22 | 0.00 | 0.01 | 59 | 70 | 35 | 1 | 108 | 200 | 26 |
| 26 | 800 | 0.00 | 0 | 0.00 | 0.34 | 1 | 2387 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.72 | 22 | 0.00 | 0.01 | 59 | 70 | 35 | 1 | 108 | 800 | 26 |
| 26 | 1400 | 0.00 | 0 | 0.00 | 0.34 | 1 | 2387 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.71 | 22 | 0.00 | 0.01 | 59 | 70 | 35 | 1 | 108 | 1400 | 26 |
| 26 | 2000 | 0.00 | 0 | 0.00 | 0.34 | 1 | 2387 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.70 | 22 | 0.00 | 0.01 | 59 | 70 | 34 | 1 | 108 | 2000 | 26 |
| 27 | 200 | 0.00 | 0 | 0.00 | 0.35 | 1 | 2388 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.68 | 21 | 0.00 | 0.01 | 59 | 70 | 34 | 1 | 107 | 200 | 27 |
| 27 | 800 | 0.00 | 0 | 0.00 | 0.35 | 1 | 2388 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.67 | 21 | 0.00 | 0.01 | 59 | 70 | 34 | 1 | 107 | 800 | 27 |
| 27 | 1400 | 0.00 | 0 | 0.00 | 0.35 | 1 | 2388 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.66 | 21 | 0.00 | 0.01 | 59 | 70 | 34 | 1 | 107 | 1400 | 27 |
| 27 | 2000 | 0.00 | 0 | 0.00 | 0.36 | 1 | 2388 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.65 | 21 | 0.00 | 0.01 | 59 | 70 | 34 | 1 | 107 | 2000 | 27 |
| 28 | 200 | 0.00 | 0 | 0.00 | 0.36 | 1 | 2389 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.63 | 21 | 0.00 | 0.01 | 59 | 70 | 33 | 1 | 106 | 200 | 28 |
| 28 | 800 | 0.00 | 0 | 0.00 | 0.36 | 1 | 2389 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.62 | 21 | 0.00 | 0.01 | 59 | 70 | 33 | 1 | 106 | 800 | 28 |
| 28 | 1400 | 0.00 | 0 | 0.00 | 0.36 | 1 | 2389 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.61 | 21 | 0.00 | 0.01 | 59 | 70 | 33 | 1 | 106 | 1400 | 28 |
| 28 | 2000 | 0.00 | 0 | 0.00 | 0.37 | 1 | 2389 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.60 | 21 | 0.00 | 0.01 | 59 | 70 | 33 | 1 | 106 | 2000 | 28 |
| 29 | 200 | 0.00 | 0 | 0.00 | 0.37 | 1 | 2390 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.58 | 21 | 0.00 | 0.01 | 59 | 70 | 33 | 1 | 106 | 200 | 29 |
| 29 | 800 | 0.00 | 0 | 0.00 | 0.37 | 1 | 2390 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.57 | 21 | 0.00 | 0.01 | 59 | 70 | 33 | 1 | 105 | 800 | 29 |
| 29 | 1400 | 0.00 | 0 | 0.00 | 0.37 | 1 | 2390 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.56 | 20 | 0.00 | 0.01 | 59 | 70 | 32 | 1 | 105 | 1400 | 29 |
| 29 | 2000 | 0.00 | 0 | 0.00 | 0.38 | 1 | 2391 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.55 | 20 | 0.00 | 0.01 | 59 | 70 | 32 | 1 | 105 | 2000 | 29 |
| 30 | 200 | 0.00 | 0 | 0.00 | 0.38 | 1 | 2391 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.53 | 20 | 0.00 | 0.01 | 59 | 70 | 32 | 1 | 105 | 200 | 30 |
| 30 | 800 | 0.00 | 0 | 0.00 | 0.38 | 1 | 2391 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.52 | 20 | 0.00 | 0.01 | 59 | 70 | 32 | 1 | 104 | 800 | 30 |
| 30 | 1400 | 0.00 | 0 | 0.00 | 0.38 | 1 | 2391 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.51 | 20 | 0.00 | 0.01 | 59 | 70 | 32 | 1 | 104 | 1400 | 30 |
| 30 | 2000 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2392 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.50 | 20 | 0.00 | 0.01 | 59 | 70 | 31 | 1 | 104 | 2000 | 30 |
| 31 | 200 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2392 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.48 | 20 | 0.00 | 0.01 | 59 | 70 | 31 | 1 | 104 | 200 | 31 |
| 31 | 800 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2392 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.47 | 20 | 0.00 | 0.01 | 59 | 70 | 31 | 1 | 103 | 800 | 31 |
| 31 | 1400 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2392 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.46 | 20 | 0.00 | 0.01 | 59 | 70 | 31 | 1 | 103 | 1400 | 31 |
| 31 | 2000 | 0.00 | 0 | 0.00 | 0.39 | 1 | 2393 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.45 | 20 | 0.00 | 0.01 | 59 | 69 | 31 | 1 | 103 | 2000 | 31 |

FORM 1413-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE 310881 RUN NO. INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.103 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 0 | 0.00 | 0.40 | 1 | 2393 | 97 | 1.0 | 47 | 0.03 | 0.01 | 0.09 | 2.43 | 20 | 0.00 | 0.01 | 59 | 69 | 31 | 1 | 103 | 200 | 1 |
| 1 | 800 | 0.00 | 0 | 0.00 | 0.40 | 1 | 2393 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.42 | 20 | 0.00 | 0.01 | 59 | 69 | 31 | 1 | 102 | 800 | 1 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.40 | 1 | 2393 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.41 | 20 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 102 | 1400 | 1 |
| 1 | 2000 | 0.00 | 0 | 0.00 | 0.40 | 1 | 2394 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.40 | 20 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 102 | 2000 | 1 |
| 2 | 200 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2394 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.38 | 20 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 102 | 200 | 2 |
| 2 | 800 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2394 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.37 | 19 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 102 | 800 | 2 |
| 2 | 1400 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2394 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.36 | 19 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 101 | 1400 | 2 |
| 2 | 2000 | 0.00 | 0 | 0.00 | 0.41 | 1 | 2395 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.35 | 19 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 101 | 2000 | 2 |
| 3 | 200 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2395 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.33 | 19 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 101 | 200 | 3 |
| 3 | 800 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2395 | 97 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.32 | 19 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 101 | 800 | 3 |
| 3 | 1400 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2395 | 96 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.31 | 19 | 0.00 | 0.01 | 59 | 69 | 30 | 1 | 101 | 1400 | 3 |
| 3 | 2000 | 0.00 | 0 | 0.00 | 0.42 | 1 | 2396 | 96 | 1.0 | 46 | 0.03 | 0.01 | 0.09 | 2.30 | 19 | 0.00 | 0.01 | 59 | 68 | 29 | 1 | 100 | 2000 | 3 |
| 4 | 200 | 0.00 | 3 | 0.00 | 0.43 | 1 | 2396 | 96 | 1.7 | 60 | 0.04 | 0.03 | 0.09 | 2.28 | 19 | 0.01 | 0.01 | 59 | 68 | 30 | 1 | 101 | 200 | 4 |
| 4 | 800 | 0.00 | 3 | 0.00 | 0.43 | 1 | 2397 | 96 | 1.7 | 60 | 0.04 | 0.03 | 0.09 | 2.28 | 19 | 0.01 | 0.01 | 59 | 68 | 32 | 2 | 103 | 800 | 4 |
| 4 | 1400 | 0.00 | 50 | 0.00 | 0.45 | 1 | 2397 | 96 | 3.1 | 89 | 0.08 | 0.07 | 0.09 | 2.28 | 19 | 0.01 | 0.01 | 59 | 68 | 37 | 3 | 110 | 1400 | 4 |
| 4 | 2000 | 0.00 | 50 | 0.00 | 0.46 | 2 | 2399 | 96 | 3.1 | 89 | 0.08 | 0.07 | 0.09 | 2.32 | 19 | 0.01 | 0.02 | 59 | 68 | 48 | 6 | 124 | 2000 | 4 |
| 5 | 200 | 0.00 | 92 | 0.00 | 0.49 | 2 | 2400 | 96 | 6.0 | 93 | 0.15 | 0.14 | 0.09 | 2.36 | 19 | 0.03 | 0.02 | 58 | 68 | 69 | 9 | 148 | 200 | 5 |
| 5 | 800 | 0.00 | 97 | 0.00 | 0.52 | 2 | 2403 | 96 | 6.9 | 94 | 0.18 | 0.17 | 0.09 | 2.45 | 20 | 0.03 | 0.03 | 58 | 68 | 103 | 15 | 187 | 800 | 5 |
| 5 | 1400 | 0.00 | 98 | 0.00 | 0.57 | 2 | 2407 | 95 | 9.8 | 96 | 0.26 | 0.25 | 0.09 | 2.57 | 21 | 0.05 | 0.04 | 57 | 68 | 155 | 21 | 245 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 0.64 | 2 | 2412 | 95 | 12.8 | 95 | 0.34 | 0.32 | 0.09 | 2.76 | 22 | 0.07 | 0.05 | 56 | 68 | 229 | 31 | 329 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 0.72 | 2 | 2420 | 94 | 13.8 | 95 | 0.36 | 0.34 | 0.09 | 3.00 | 24 | 0.08 | 0.07 | 55 | 67 | 334 | 43 | 446 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 0.83 | 3 | 2429 | 93 | 16.8 | 94 | 0.44 | 0.42 | 0.09 | 3.25 | 26 | 0.11 | 0.10 | 53 | 67 | 473 | 57 | 598 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 0.97 | 3 | 2441 | 92 | 18.7 | 93 | 0.50 | 0.47 | 0.09 | 3.56 | 28 | 0.13 | 0.12 | 50 | 67 | 651 | 77 | 797 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 1.13 | 4 | 2455 | 91 | 20.7 | 92 | 0.56 | 0.51 | 0.09 | 3.90 | 31 | 0.16 | 0.16 | 49 | 67 | 875 | 110 | 1054 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 1.33 | 4 | 2473 | 89 | 23.7 | 91 | 0.65 | 0.59 | 0.09 | 4.27 | 34 | 0.20 | 0.20 | 47 | 67 | 1153 | 159 | 1380 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 1.56 | 5 | 2494 | 87 | 25.6 | 89 | 0.71 | 0.63 | 0.09 | 4.68 | 37 | 0.24 | 0.25 | 45 | 67 | 1493 | 230 | 1791 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 1.84 | 6 | 2520 | 85 | 27.5 | 87 | 0.78 | 0.68 | 0.09 | 5.11 | 40 | 0.27 | 0.31 | 41 | 67 | 1904 | 335 | 2307 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 2.11 | 7 | 2550 | 82 | 27.0 | 85 | 0.78 | 0.66 | 0.09 | 5.56 | 42 | 0.27 | 0.37 | 36 | 67 | 2387 | 466 | 2921 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 2.38 | 8 | 2579 | 80 | 26.2 | 82 | 0.77 | 0.63 | 0.09 | 6.01 | 43 | 0.27 | 0.43 | 33 | 67 | 2921 | 581 | 3570 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 2.66 | 9 | 2609 | 79 | 26.1 | 80 | 0.78 | 0.63 | 0.09 | 6.44 | 44 | 0.28 | 0.49 | 31 | 66 | 3461 | 667 | 4196 | 800 | 8 |
| 8 | 1400 | 0.02 | 100 | 0.01 | 2.93 | 10 | 2630 | 77 | 25.2 | 78 | 0.77 | 0.62 | 0.09 | 6.86 | 45 | 0.28 | 0.54 | 29 | 66 | 3964 | 745 | 4776 | 1400 | 8 |
| 8 | 2000 | 0.02 | 100 | 0.01 | 3.21 | 11 | 2649 | 75 | 25.2 | 77 | 0.78 | 0.62 | 0.09 | 7.28 | 47 | 0.29 | 0.60 | 28 | 66 | 4405 | 830 | 5303 | 2000 | 8 |
| 9 | 200 | 0.05 | 100 | 0.04 | 3.49 | 12 | 2670 | 74 | 24.6 | 75 | 0.78 | 0.64 | 0.09 | 7.69 | 48 | 0.30 | 0.66 | 27 | 67 | 4784 | 932 | 5784 | 200 | 9 |
| 9 | 800 | 0.05 | 100 | 0.06 | 3.78 | 13 | 2690 | 72 | 24.6 | 74 | 0.79 | 0.63 | 0.09 | 8.12 | 49 | 0.31 | 0.72 | 26 | 67 | 5110 | 1055 | 6233 | 800 | 9 |
| 9 | 1400 | 0.05 | 100 | 0.09 | 4.06 | 14 | 2711 | 71 | 24.0 | 72 | 0.79 | 0.62 | 0.09 | 8.54 | 50 | 0.31 | 0.77 | 25 | 67 | 5397 | 1172 | 6638 | 1400 | 9 |
| 9 | 2000 | 0.06 | 100 | 0.11 | 4.35 | 15 | 2732 | 69 | 24.0 | 71 | 0.80 | 0.62 | 0.09 | 8.95 | 51 | 0.32 | 0.83 | 24 | 67 | 5649 | 1280 | 6998 | 2000 | 9 |
| 10 | 200 | 0.15 | 100 | 0.19 | 4.64 | 15 | 2753 | 68 | 23.1 | 69 | 0.79 | 0.70 | 0.09 | 9.36 | 52 | 0.36 | 0.90 | 23 | 67 | 5875 | 1460 | 7403 | 200 | 10 |
| 10 | 800 | 0.16 | 100 | 0.28 | 4.93 | 16 | 2773 | 66 | 23.0 | 67 | 0.80 | 0.70 | 0.09 | 9.81 | 54 | 0.38 | 0.97 | 22 | 68 | 6099 | 1776 | 7945 | 800 | 10 |
| 10 | 1400 | 0.16 | 100 | 0.37 | 5.22 | 17 | 2794 | 64 | 22.8 | 66 | 0.80 | 0.69 | 0.09 | 10.25 | 55 | 0.38 | 1.04 | 20 | 68 | 6343 | 2084 | 8497 | 1400 | 10 |
| 10 | 2000 | 0.16 | 100 | 0.46 | 5.51 | 18 | 2816 | 63 | 22.7 | 64 | 0.82 | 0.68 | 0.09 | 10.69 | 56 | 0.38 | 1.11 | 20 | 69 | 6599 | 2326 | 8995 | 2000 | 10 |
| 11 | 200 | 0.12 | 100 | 0.53 | 5.80 | 19 | 2837 | 61 | 21.9 | 63 | 0.80 | 0.62 | 0.09 | 11.12 | 57 | 0.36 | 1.17 | 19 | 70 | 6837 | 2481 | 9390 | 200 | 11 |
| 11 | 800 | 0.12 | 100 | 0.60 | 6.09 | 20 | 2858 | 60 | 21.8 | 61 | 0.81 | 0.61 | 0.09 | 11.51 | 59 | 0.36 | 1.23 | 18 | 71 | 7024 | 2484 | 9580 | 800 | 11 |
| 11 | 1400 | 0.18 | 100 | 0.70 | 6.38 | 21 | 2877 | 58 | 21.6 | 60 | 0.82 | 0.66 | 0.09 | 11.90 | 60 | 0.39 | 1.30 | 18 | 72 | 7146 | 2585 | 9804 | 1400 | 11 |
| 11 | 2000 | 0.42 | 100 | 0.96 | 6.68 | 22 | 2893 | 57 | 21.5 | 58 | 0.84 | 0.91 | 0.09 | 12.30 | 61 | 0.56 | 1.41 | 17 | 73 | 7238 | 3310 | 10623 | 2000 | 11 |



FORM 1115-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310681 1 MAY 1972 1800 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.164 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BFI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.14 | 100 | 1.05 | 6.97 | 23 | 2909 | 56 | 19.5 | 57 | 0.78 | 0.59 | 0.09 | 12.78 | 64 | 0.38 | 1.47 | 16 | 74 | 7354 | 4481 | 11911 | 200 | 12 |
| 12 | 800 | 0.14 | 100 | 1.15 | 7.24 | 24 | 2925 | 55 | 18.4 | 56 | 0.76 | 0.57 | 0.09 | 13.12 | 66 | 0.37 | 1.52 | 15 | 76 | 7485 | 4138 | 11700 | 800 | 12 |
| 12 | 1400 | 0.19 | 100 | 1.28 | 7.51 | 25 | 2940 | 54 | 17.4 | 55 | 0.73 | 0.59 | 0.09 | 13.42 | 67 | 0.40 | 1.58 | 15 | 77 | 7570 | 3582 | 11231 | 1400 | 12 |
| 12 | 2000 | 0.48 | 100 | 1.61 | 7.77 | 26 | 2954 | 53 | 16.4 | 54 | 0.71 | 0.86 | 0.09 | 13.73 | 69 | 0.59 | 1.68 | 14 | 79 | 7608 | 4075 | 11764 | 2000 | 12 |
| 13 | 200 | 0.19 | 100 | 1.74 | 8.04 | 27 | 2969 | 51 | 16.3 | 53 | 0.72 | 0.57 | 0.09 | 14.10 | 70 | 0.40 | 1.73 | 13 | 82 | 7656 | 5412 | 13150 | 200 | 13 |
| 13 | 800 | 0.19 | 100 | 1.88 | 8.31 | 28 | 2983 | 50 | 16.3 | 51 | 0.74 | 0.57 | 0.09 | 14.37 | 72 | 0.41 | 1.79 | 13 | 84 | 7722 | 5131 | 12938 | 800 | 13 |
| 13 | 1400 | 0.26 | 100 | 2.07 | 8.59 | 29 | 2998 | 49 | 16.2 | 50 | 0.75 | 0.63 | 0.09 | 14.63 | 73 | 0.46 | 1.86 | 12 | 87 | 7765 | 4764 | 12617 | 1400 | 13 |
| 13 | 2000 | 0.66 | 100 | 2.55 | 8.87 | 30 | 3021 | 48 | 16.2 | 49 | 0.76 | 1.03 | 0.09 | 14.90 | 74 | 0.77 | 2.00 | 11 | 90 | 7783 | 6186 | 14060 | 2000 | 13 |
| 14 | 200 | 0.23 | 100 | 2.73 | 9.13 | 30 | 3046 | 47 | 15.4 | 48 | 0.74 | 0.59 | 0.09 | 15.26 | 75 | 0.44 | 2.06 | 10 | 93 | 7816 | 8846 | 16756 | 200 | 14 |
| 14 | 800 | 0.23 | 100 | 2.90 | 9.40 | 31 | 3069 | 46 | 15.3 | 47 | 0.75 | 0.59 | 0.09 | 15.50 | 75 | 0.44 | 2.11 | 10 | 96 | 7857 | 8014 | 15969 | 800 | 14 |
| 14 | 1400 | 0.31 | 100 | 3.14 | 9.66 | 32 | 3093 | 45 | 15.3 | 46 | 0.77 | 0.66 | 0.09 | 15.75 | 75 | 0.50 | 2.18 | 10 | 100 | 7859 | 6757 | 14718 | 1400 | 14 |
| 14 | 2000 | 0.78 | 100 | 3.72 | 9.92 | 33 | 3116 | 44 | 15.2 | 45 | 0.78 | 1.13 | 0.09 | 16.02 | 75 | 0.85 | 2.33 | 10 | 104 | 7825 | 7987 | 15917 | 2000 | 14 |
| 15 | 200 | 0.39 | 100 | 4.02 | 10.20 | 34 | 3140 | 42 | 16.2 | 44 | 0.85 | 0.76 | 0.09 | 16.41 | 75 | 0.57 | 2.42 | 10 | 108 | 7812 | 11220 | 19141 | 200 | 15 |
| 15 | 800 | 0.39 | 100 | 4.31 | 10.47 | 35 | 3164 | 41 | 16.2 | 42 | 0.86 | 0.76 | 0.09 | 16.72 | 75 | 0.57 | 2.50 | 10 | 112 | 7831 | 11143 | 19088 | 800 | 15 |
| 15 | 1400 | 0.52 | 100 | 4.70 | 10.74 | 36 | 3189 | 40 | 16.1 | 41 | 0.88 | 0.88 | 0.09 | 17.03 | 75 | 0.66 | 2.60 | 10 | 117 | 7838 | 10410 | 18367 | 1400 | 15 |
| 15 | 2000 | 1.30 | 100 | 5.68 | 11.01 | 37 | 3213 | 39 | 16.1 | 40 | 0.89 | 1.66 | 0.09 | 17.38 | 75 | 1.24 | 2.83 | 10 | 122 | 7835 | 13053 | 21010 | 2000 | 15 |
| 16 | 200 | 0.71 | 100 | 6.21 | 11.26 | 38 | 3231 | 39 | 14.9 | 39 | 0.84 | 1.04 | 0.09 | 17.93 | 75 | 0.78 | 2.94 | 10 | 128 | 7874 | 18684 | 26687 | 200 | 16 |
| 16 | 800 | 0.30 | 100 | 6.43 | 11.47 | 38 | 3246 | 38 | 12.8 | 39 | 0.73 | 0.58 | 0.09 | 18.31 | 75 | 0.43 | 2.95 | 10 | 133 | 7959 | 17081 | 25175 | 800 | 16 |
| 16 | 1400 | 0.21 | 100 | 6.59 | 11.68 | 39 | 3259 | 37 | 12.6 | 38 | 0.74 | 0.49 | 0.09 | 18.57 | 75 | 0.37 | 2.95 | 10 | 140 | 7994 | 11035 | 19170 | 1400 | 16 |
| 16 | 2000 | 0.21 | 100 | 6.74 | 11.91 | 40 | 3272 | 37 | 13.8 | 37 | 0.81 | 0.51 | 0.09 | 18.81 | 75 | 0.38 | 2.96 | 10 | 146 | 7890 | 6913 | 14951 | 2000 | 16 |
| 17 | 200 | 0.49 | 100 | 7.11 | 12.14 | 40 | 3286 | 36 | 14.0 | 37 | 0.83 | 0.79 | 0.09 | 19.06 | 75 | 0.60 | 3.02 | 10 | 152 | 7662 | 6205 | 14021 | 200 | 17 |
| 17 | 800 | 0.20 | 100 | 7.26 | 12.37 | 41 | 3300 | 35 | 13.9 | 36 | 0.85 | 0.50 | 0.09 | 19.39 | 75 | 0.38 | 3.03 | 10 | 159 | 7397 | 7436 | 14994 | 800 | 17 |
| 17 | 1400 | 0.14 | 100 | 7.37 | 12.60 | 42 | 3314 | 35 | 13.9 | 35 | 0.86 | 0.45 | 0.09 | 19.65 | 75 | 0.34 | 3.03 | 10 | 167 | 7144 | 6706 | 14018 | 1400 | 17 |
| 17 | 2000 | 0.14 | 100 | 7.48 | 12.82 | 43 | 3329 | 34 | 13.9 | 35 | 0.88 | 0.45 | 0.09 | 19.89 | 75 | 0.34 | 3.03 | 10 | 174 | 6880 | 5417 | 12472 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 7.48 | 13.07 | 44 | 3343 | 33 | 14.9 | 34 | 0.95 | 0.32 | 0.09 | 20.15 | 75 | 0.24 | 3.03 | 10 | 182 | 6578 | 4606 | 11367 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 7.48 | 13.31 | 44 | 3358 | 33 | 14.8 | 33 | 0.97 | 0.32 | 0.09 | 20.36 | 75 | 0.24 | 3.02 | 10 | 190 | 6222 | 3790 | 10204 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 7.48 | 13.55 | 45 | 3373 | 32 | 14.8 | 33 | 0.99 | 0.32 | 0.09 | 20.59 | 75 | 0.24 | 3.02 | 10 | 199 | 5816 | 3323 | 9340 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 7.48 | 13.79 | 46 | 3388 | 31 | 14.8 | 32 | 1.00 | 0.32 | 0.09 | 20.82 | 75 | 0.24 | 3.02 | 10 | 208 | 5398 | 3198 | 8805 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 7.48 | 14.08 | 47 | 3402 | 31 | 17.6 | 31 | 1.21 | 0.38 | 0.09 | 21.05 | 75 | 0.28 | 3.07 | 10 | 217 | 5012 | 3379 | 8609 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 7.48 | 14.39 | 48 | 3420 | 30 | 19.5 | 30 | 1.38 | 0.42 | 0.09 | 21.34 | 75 | 0.31 | 3.13 | 10 | 226 | 4683 | 4110 | 9020 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 7.48 | 14.73 | 49 | 3439 | 29 | 21.5 | 29 | 1.55 | 0.46 | 0.09 | 21.67 | 75 | 0.34 | 3.23 | 10 | 236 | 4415 | 5078 | 9731 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 7.48 | 15.11 | 50 | 3461 | 28 | 23.7 | 29 | 1.74 | 0.50 | 0.09 | 22.04 | 75 | 0.37 | 3.36 | 10 | 246 | 4201 | 6072 | 10520 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 7.48 | 15.49 | 52 | 3484 | 26 | 24.6 | 27 | 1.86 | 0.51 | 0.09 | 22.47 | 75 | 0.38 | 3.50 | 10 | 256 | 4024 | 6996 | 11277 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 7.48 | 15.86 | 53 | 3507 | 25 | 24.6 | 26 | 1.88 | 0.49 | 0.09 | 22.93 | 75 | 0.37 | 3.64 | 10 | 267 | 3872 | 7587 | 11726 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 7.48 | 16.22 | 54 | 3530 | 24 | 24.6 | 25 | 1.90 | 0.48 | 0.09 | 23.39 | 75 | 0.36 | 3.77 | 10 | 277 | 3732 | 7746 | 11757 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 7.48 | 16.57 | 55 | 3552 | 23 | 24.5 | 24 | 1.92 | 0.47 | 0.09 | 23.87 | 75 | 0.35 | 3.90 | 10 | 288 | 3599 | 7661 | 11550 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 7.48 | 16.96 | 57 | 3574 | 22 | 28.3 | 23 | 2.24 | 0.52 | 0.09 | 24.38 | 75 | 0.39 | 4.08 | 10 | 300 | 3469 | 7697 | 11467 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 7.48 | 17.33 | 58 | 3598 | 21 | 28.3 | 22 | 2.27 | 0.50 | 0.09 | 24.91 | 75 | 0.38 | 4.26 | 10 | 311 | 3339 | 8154 | 11805 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 7.48 | 17.70 | 59 | 3621 | 20 | 28.2 | 21 | 2.30 | 0.48 | 0.09 | 25.48 | 75 | 0.36 | 4.43 | 10 | 323 | 3209 | 8372 | 11906 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 7.48 | 18.04 | 60 | 3644 | 19 | 28.2 | 20 | 2.32 | 0.46 | 0.09 | 26.05 | 75 | 0.35 | 4.59 | 10 | 335 | 3079 | 8260 | 11675 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 7.48 | 18.41 | 61 | 3656 | 19 | 30.2 | 19 | 2.52 | 0.49 | 0.09 | 26.63 | 75 | 0.37 | 4.78 | 10 | 347 | 2949 | 8131 | 11428 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 7.48 | 18.77 | 63 | 3668 | 18 | 30.1 | 19 | 2.55 | 0.48 | 0.09 | 27.25 | 75 | 0.36 | 4.96 | 10 | 359 | 2822 | 8248 | 11430 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 7.48 | 19.12 | 64 | 3681 | 18 | 30.1 | 18 | 2.57 | 0.47 | 0.09 | 27.88 | 75 | 0.35 | 5.13 | 10 | 371 | 2701 | 8311 | 11385 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 7.48 | 19.46 | 65 | 3693 | 17 | 30.1 | 18 | 2.60 | 0.46 | 0.09 | 28.51 | 75 | 0.34 | 5.30 | 10 | 384 | 2591 | 8244 | 11220 | 2000 | 22 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.353 IN./DEGREE-DAY, AREA = 307.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 7.48 | 19.79 | 66 | 3705 | 17 | 29.1 | 17 | 2.54 | 0.43 | 0.09 | 29.16 | 75 | 0.32 | 5.44 | 10 | 397 | 2490 | 8073 | 10961 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 7.48 | 20.10 | 67 | 3716 | 16 | 29.1 | 17 | 2.57 | 0.42 | 0.09 | 29.78 | 75 | 0.32 | 5.59 | 10 | 410 | 2398 | 7787 | 10597 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 7.48 | 20.41 | 68 | 3727 | 16 | 29.0 | 16 | 2.59 | 0.41 | 0.09 | 30.42 | 75 | 0.31 | 5.73 | 10 | 423 | 2314 | 7541 | 10279 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 7.48 | 20.72 | 69 | 3738 | 15 | 29.0 | 15 | 2.61 | 0.40 | 0.09 | 31.06 | 75 | 0.30 | 5.86 | 10 | 436 | 2235 | 7359 | 10032 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 7.48 | 20.95 | 70 | 3749 | 15 | 23.0 | 15 | 2.09 | 0.31 | 0.09 | 31.70 | 75 | 0.24 | 5.89 | 10 | 449 | 2162 | 6962 | 9574 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 7.48 | 21.18 | 71 | 3757 | 14 | 23.0 | 15 | 2.10 | 0.31 | 0.09 | 32.21 | 75 | 0.23 | 5.93 | 10 | 462 | 2092 | 6045 | 8601 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 7.48 | 21.41 | 71 | 3765 | 14 | 23.0 | 14 | 2.12 | 0.30 | 0.09 | 32.72 | 75 | 0.23 | 5.96 | 10 | 476 | 2026 | 5382 | 7884 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 7.48 | 21.63 | 72 | 3773 | 14 | 23.0 | 14 | 2.13 | 0.30 | 0.09 | 33.24 | 75 | 0.22 | 5.99 | 10 | 489 | 1963 | 5089 | 7543 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 7.48 | 21.82 | 73 | 3780 | 13 | 19.9 | 14 | 1.86 | 0.25 | 0.09 | 33.76 | 75 | 0.19 | 5.97 | 10 | 503 | 1904 | 4837 | 7246 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 7.48 | 22.01 | 73 | 3787 | 13 | 19.9 | 13 | 1.87 | 0.25 | 0.09 | 34.20 | 75 | 0.19 | 5.96 | 10 | 516 | 1849 | 4383 | 6750 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 7.48 | 22.19 | 74 | 3793 | 13 | 19.9 | 13 | 1.88 | 0.24 | 0.09 | 34.66 | 75 | 0.18 | 5.95 | 10 | 530 | 1798 | 4053 | 6382 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 7.48 | 22.37 | 75 | 3800 | 12 | 19.9 | 13 | 1.89 | 0.24 | 0.09 | 35.11 | 75 | 0.18 | 5.94 | 10 | 543 | 1750 | 3896 | 6190 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 7.48 | 22.54 | 75 | 3806 | 12 | 18.9 | 12 | 1.81 | 0.22 | 0.09 | 35.57 | 75 | 0.17 | 5.91 | 10 | 557 | 1704 | 3775 | 6037 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 7.48 | 22.70 | 76 | 3812 | 12 | 18.9 | 12 | 1.81 | 0.22 | 0.09 | 36.00 | 75 | 0.16 | 5.89 | 10 | 570 | 1662 | 3597 | 5830 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 7.48 | 22.86 | 76 | 3817 | 12 | 18.9 | 12 | 1.82 | 0.21 | 0.09 | 36.43 | 75 | 0.16 | 5.87 | 10 | 584 | 1621 | 3459 | 5665 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 7.48 | 23.02 | 77 | 3823 | 11 | 18.9 | 12 | 1.83 | 0.21 | 0.09 | 36.87 | 75 | 0.16 | 5.85 | 10 | 598 | 1583 | 3374 | 5556 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 7.48 | 23.17 | 77 | 3828 | 11 | 17.9 | 11 | 1.74 | 0.20 | 0.09 | 37.31 | 75 | 0.15 | 5.82 | 10 | 611 | 1546 | 3280 | 5438 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 7.48 | 23.31 | 78 | 3833 | 11 | 17.9 | 11 | 1.74 | 0.19 | 0.09 | 37.72 | 75 | 0.14 | 5.79 | 10 | 624 | 1510 | 3121 | 5257 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 7.48 | 23.45 | 78 | 3838 | 11 | 17.9 | 11 | 1.75 | 0.19 | 0.09 | 38.14 | 75 | 0.14 | 5.76 | 10 | 638 | 1476 | 2996 | 5112 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 7.48 | 23.59 | 79 | 3843 | 10 | 17.8 | 11 | 1.76 | 0.19 | 0.09 | 38.56 | 75 | 0.14 | 5.74 | 10 | 651 | 1443 | 2922 | 5018 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 7.48 | 23.73 | 79 | 3848 | 10 | 17.8 | 10 | 1.76 | 0.18 | 0.09 | 38.98 | 75 | 0.14 | 5.71 | 10 | 664 | 1411 | 2868 | 4945 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 7.48 | 23.86 | 80 | 3853 | 10 | 17.8 | 10 | 1.77 | 0.18 | 0.09 | 39.40 | 75 | 0.13 | 5.70 | 10 | 678 | 1380 | 2819 | 4878 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 7.48 | 23.99 | 80 | 3858 | 10 | 17.8 | 10 | 1.78 | 0.18 | 0.09 | 39.82 | 75 | 0.13 | 5.68 | 10 | 691 | 1350 | 2772 | 4814 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 7.48 | 24.12 | 80 | 3862 | 10 | 17.8 | 10 | 1.78 | 0.17 | 0.09 | 40.25 | 75 | 0.13 | 5.66 | 10 | 703 | 1321 | 2726 | 4752 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 7.48 | 24.24 | 81 | 3867 | 9 | 16.8 | 9 | 1.69 | 0.16 | 0.09 | 40.67 | 75 | 0.12 | 5.63 | 10 | 716 | 1292 | 2651 | 4661 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 7.48 | 24.36 | 81 | 3871 | 9 | 16.8 | 9 | 1.69 | 0.16 | 0.09 | 41.08 | 75 | 0.12 | 5.60 | 10 | 729 | 1265 | 2515 | 4509 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 7.48 | 24.48 | 82 | 3875 | 9 | 16.8 | 9 | 1.69 | 0.15 | 0.09 | 41.48 | 75 | 0.12 | 5.57 | 10 | 741 | 1237 | 2406 | 4386 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 7.48 | 24.59 | 82 | 3879 | 9 | 16.8 | 9 | 1.70 | 0.15 | 0.09 | 41.88 | 75 | 0.11 | 5.55 | 10 | 754 | 1211 | 2341 | 4307 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 7.48 | 24.69 | 82 | 3883 | 9 | 15.8 | 9 | 1.60 | 0.14 | 0.09 | 42.28 | 75 | 0.10 | 5.51 | 10 | 766 | 1185 | 2268 | 4220 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 7.48 | 24.80 | 83 | 3886 | 8 | 15.8 | 9 | 1.60 | 0.14 | 0.09 | 42.66 | 75 | 0.10 | 5.47 | 10 | 778 | 1160 | 2143 | 4082 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 7.48 | 24.90 | 83 | 3890 | 8 | 15.8 | 8 | 1.60 | 0.13 | 0.09 | 43.04 | 75 | 0.10 | 5.43 | 10 | 790 | 1136 | 2046 | 3973 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1611-5

PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION N.P.D., CORPS OF ENGINEERS

310681 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 0 | 0 | 18 | 18 | 1400 | 1 |
| 1 | 2000 | 0.00 | 100 | 0.00 | 0.17 | 1 | 2361 | 98 | 6.9 | 100 | 0.17 | 0.17 | 0.09 | 4.00 | 100 | 0.17 | 0.07 | 57 | 507 | 360 | 18 | 896 | 2000 | 1 |
| 2 | 200 | 0.00 | 100 | 0.00 | 0.34 | 1 | 2361 | 96 | 6.9 | 98 | 0.18 | 0.17 | 0.09 | 3.98 | 100 | 0.17 | 0.11 | 53 | 472 | 391 | 18 | 882 | 200 | 2 |
| 2 | 800 | 0.00 | 100 | 0.00 | 0.52 | 2 | 2361 | 94 | 6.9 | 96 | 0.18 | 0.17 | 0.09 | 3.95 | 100 | 0.17 | 0.14 | 50 | 441 | 417 | 18 | 878 | 800 | 2 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 0.69 | 3 | 2361 | 93 | 6.9 | 94 | 0.18 | 0.17 | 0.09 | 3.93 | 100 | 0.17 | 0.18 | 48 | 424 | 431 | 19 | 875 | 1400 | 2 |
| 2 | 2000 | 0.00 | 100 | 0.00 | 0.86 | 4 | 2361 | 91 | 6.9 | 92 | 0.19 | 0.17 | 0.09 | 3.91 | 100 | 0.17 | 0.21 | 46 | 408 | 443 | 20 | 873 | 2000 | 2 |
| 3 | 200 | 0.00 | 100 | 0.00 | 1.03 | 4 | 2361 | 89 | 6.9 | 91 | 0.19 | 0.17 | 0.09 | 3.89 | 100 | 0.17 | 0.24 | 44 | 388 | 458 | 22 | 869 | 200 | 3 |
| 3 | 800 | 0.00 | 100 | 0.00 | 1.20 | 5 | 2361 | 87 | 6.9 | 89 | 0.19 | 0.17 | 0.09 | 3.86 | 100 | 0.17 | 0.28 | 41 | 364 | 476 | 23 | 865 | 800 | 3 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 1.37 | 6 | 2361 | 85 | 6.9 | 87 | 0.20 | 0.17 | 0.09 | 3.84 | 100 | 0.17 | 0.31 | 39 | 340 | 494 | 25 | 861 | 1400 | 3 |
| 3 | 2000 | 0.00 | 100 | 0.00 | 1.54 | 7 | 2361 | 83 | 6.9 | 85 | 0.20 | 0.17 | 0.09 | 3.82 | 100 | 0.17 | 0.34 | 37 | 319 | 507 | 27 | 855 | 2000 | 3 |
| 4 | 200 | 0.00 | 100 | 0.00 | 1.71 | 7 | 2361 | 81 | 6.9 | 83 | 0.20 | 0.17 | 0.09 | 3.80 | 100 | 0.17 | 0.36 | 35 | 304 | 514 | 29 | 849 | 200 | 4 |
| 4 | 800 | 0.00 | 100 | 0.00 | 1.87 | 8 | 2361 | 80 | 6.9 | 81 | 0.20 | 0.17 | 0.09 | 3.77 | 100 | 0.17 | 0.39 | 34 | 290 | 521 | 31 | 844 | 800 | 4 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 2.04 | 9 | 2361 | 79 | 6.9 | 80 | 0.21 | 0.17 | 0.09 | 3.75 | 100 | 0.17 | 0.42 | 32 | 277 | 527 | 33 | 839 | 1400 | 4 |
| 4 | 2000 | 0.00 | 100 | 0.00 | 2.20 | 10 | 2361 | 77 | 6.9 | 78 | 0.21 | 0.17 | 0.09 | 3.73 | 100 | 0.17 | 0.44 | 31 | 268 | 533 | 36 | 839 | 2000 | 4 |
| 5 | 200 | 0.00 | 100 | 0.00 | 2.37 | 10 | 2361 | 76 | 6.9 | 77 | 0.21 | 0.17 | 0.09 | 3.71 | 100 | 0.17 | 0.47 | 31 | 262 | 538 | 38 | 839 | 200 | 5 |
| 5 | 800 | 0.00 | 100 | 0.00 | 2.54 | 11 | 2361 | 75 | 6.9 | 76 | 0.22 | 0.17 | 0.09 | 3.68 | 100 | 0.17 | 0.49 | 30 | 255 | 542 | 40 | 839 | 800 | 5 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 2.70 | 12 | 2362 | 74 | 6.9 | 75 | 0.22 | 0.16 | 0.09 | 3.66 | 100 | 0.16 | 0.52 | 29 | 248 | 546 | 42 | 838 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 2.86 | 12 | 2362 | 73 | 6.9 | 74 | 0.22 | 0.16 | 0.09 | 3.64 | 100 | 0.16 | 0.54 | 29 | 243 | 548 | 44 | 837 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 3.03 | 13 | 2362 | 71 | 6.9 | 72 | 0.23 | 0.16 | 0.09 | 3.62 | 100 | 0.16 | 0.56 | 28 | 239 | 550 | 46 | 836 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 3.19 | 14 | 2362 | 70 | 6.9 | 71 | 0.23 | 0.16 | 0.09 | 3.59 | 100 | 0.16 | 0.58 | 28 | 234 | 551 | 48 | 834 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 3.36 | 15 | 2362 | 69 | 6.9 | 70 | 0.23 | 0.16 | 0.09 | 3.57 | 100 | 0.16 | 0.60 | 27 | 230 | 552 | 49 | 832 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 3.52 | 15 | 2362 | 68 | 6.9 | 69 | 0.24 | 0.16 | 0.09 | 3.55 | 100 | 0.16 | 0.62 | 27 | 225 | 552 | 51 | 830 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 3.68 | 16 | 2362 | 67 | 6.9 | 68 | 0.24 | 0.16 | 0.09 | 3.53 | 100 | 0.16 | 0.64 | 27 | 221 | 552 | 52 | 827 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 3.84 | 17 | 2362 | 66 | 6.9 | 67 | 0.24 | 0.16 | 0.09 | 3.50 | 100 | 0.16 | 0.66 | 26 | 217 | 551 | 54 | 824 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 4.00 | 17 | 2362 | 64 | 6.9 | 65 | 0.24 | 0.16 | 0.09 | 3.48 | 100 | 0.16 | 0.68 | 26 | 213 | 550 | 55 | 820 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 4.16 | 18 | 2362 | 63 | 6.9 | 64 | 0.25 | 0.16 | 0.09 | 3.46 | 100 | 0.16 | 0.70 | 26 | 209 | 548 | 56 | 815 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 4.32 | 19 | 2362 | 62 | 6.9 | 63 | 0.25 | 0.16 | 0.09 | 3.44 | 100 | 0.16 | 0.72 | 25 | 205 | 547 | 57 | 810 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 4.47 | 19 | 2362 | 61 | 6.9 | 62 | 0.25 | 0.16 | 0.09 | 3.41 | 100 | 0.16 | 0.74 | 25 | 201 | 544 | 58 | 805 | 800 | 8 |
| 8 | 1400 | 0.00 | 100 | 0.00 | 4.63 | 20 | 2362 | 60 | 6.9 | 61 | 0.26 | 0.16 | 0.09 | 3.39 | 100 | 0.16 | 0.76 | 25 | 197 | 542 | 59 | 800 | 1400 | 8 |
| 8 | 2000 | 0.00 | 100 | 0.00 | 4.79 | 21 | 2362 | 59 | 6.9 | 60 | 0.26 | 0.16 | 0.09 | 3.37 | 100 | 0.16 | 0.77 | 24 | 194 | 541 | 60 | 796 | 2000 | 8 |
| 9 | 200 | 0.00 | 100 | 0.00 | 4.94 | 21 | 2362 | 58 | 6.9 | 59 | 0.27 | 0.16 | 0.09 | 3.35 | 100 | 0.16 | 0.79 | 24 | 193 | 545 | 60 | 799 | 200 | 9 |
| 9 | 800 | 0.00 | 100 | 0.00 | 5.10 | 22 | 2362 | 57 | 6.9 | 58 | 0.27 | 0.16 | 0.09 | 3.32 | 100 | 0.16 | 0.81 | 24 | 191 | 548 | 61 | 802 | 800 | 9 |
| 9 | 1400 | 0.00 | 100 | 0.00 | 5.26 | 23 | 2362 | 56 | 6.9 | 57 | 0.28 | 0.16 | 0.09 | 3.30 | 100 | 0.16 | 0.83 | 23 | 190 | 552 | 62 | 805 | 1400 | 9 |
| 9 | 2000 | 0.00 | 100 | 0.00 | 5.41 | 24 | 2362 | 56 | 6.9 | 56 | 0.28 | 0.16 | 0.09 | 3.28 | 100 | 0.16 | 0.84 | 23 | 188 | 555 | 63 | 808 | 2000 | 9 |
| 10 | 200 | 0.00 | 100 | 0.00 | 5.57 | 24 | 2362 | 55 | 6.9 | 55 | 0.29 | 0.16 | 0.09 | 3.26 | 100 | 0.16 | 0.86 | 23 | 186 | 558 | 65 | 810 | 200 | 10 |
| 10 | 800 | 0.00 | 100 | 0.00 | 5.73 | 25 | 2362 | 54 | 6.9 | 55 | 0.29 | 0.16 | 0.09 | 3.23 | 100 | 0.16 | 0.88 | 22 | 184 | 561 | 66 | 812 | 800 | 10 |
| 10 | 1400 | 0.00 | 100 | 0.00 | 5.89 | 26 | 2362 | 53 | 6.9 | 54 | 0.30 | 0.16 | 0.09 | 3.21 | 100 | 0.16 | 0.90 | 22 | 181 | 563 | 67 | 814 | 1400 | 10 |
| 10 | 2000 | 0.00 | 100 | 0.00 | 6.05 | 26 | 2362 | 52 | 6.9 | 53 | 0.30 | 0.16 | 0.09 | 3.19 | 100 | 0.16 | 0.92 | 22 | 179 | 566 | 69 | 815 | 2000 | 10 |
| 11 | 200 | 0.00 | 100 | 0.00 | 6.21 | 27 | 2362 | 51 | 6.9 | 52 | 0.31 | 0.16 | 0.09 | 3.17 | 100 | 0.16 | 0.94 | 21 | 176 | 567 | 70 | 815 | 200 | 11 |
| 11 | 800 | 0.00 | 100 | 0.00 | 6.37 | 28 | 2362 | 50 | 6.9 | 51 | 0.31 | 0.16 | 0.09 | 3.14 | 100 | 0.16 | 0.96 | 21 | 174 | 567 | 72 | 814 | 800 | 11 |
| 11 | 1400 | 0.00 | 100 | 0.00 | 6.53 | 28 | 2362 | 49 | 6.9 | 50 | 0.32 | 0.16 | 0.09 | 3.12 | 100 | 0.16 | 0.98 | 21 | 171 | 568 | 73 | 813 | 1400 | 11 |
| 11 | 2000 | 0.00 | 100 | 0.00 | 6.69 | 29 | 2362 | 49 | 6.9 | 49 | 0.32 | 0.16 | 0.09 | 3.10 | 100 | 0.16 | 1.00 | 20 | 168 | 567 | 75 | 812 | 2000 | 11 |
| 12 | 200 | 0.00 | 100 | 0.00 | 6.85 | 30 | 2362 | 48 | 6.9 | 49 | 0.33 | 0.16 | 0.09 | 3.08 | 100 | 0.16 | 1.02 | 20 | 165 | 567 | 77 | 810 | 200 | 12 |
| 12 | 800 | 0.00 | 100 | 0.00 | 7.01 | 30 | 2362 | 47 | 6.9 | 48 | 0.33 | 0.16 | 0.09 | 3.05 | 100 | 0.16 | 1.04 | 20 | 163 | 565 | 79 | 809 | 800 | 12 |



FORM 1411-3 PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.200 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RGP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 100 | 0.00 | 7.17 | 31 | 2362 | 46 | 6.9 | 47 | 0.34 | 0.16 | 0.09 | 3.03 | 100 | 0.16 | 1.06 | 20 | 161 | 564 | 81 | 807 | 1400 | 12 |
| 12 | 2000 | 0.00 | 100 | 0.00 | 7.33 | 32 | 2362 | 45 | 6.9 | 46 | 0.35 | 0.16 | 0.09 | 3.01 | 100 | 0.16 | 1.08 | 19 | 159 | 561 | 83 | 805 | 2000 | 12 |
| 13 | 200 | 0.00 | 100 | 0.00 | 7.49 | 33 | 2362 | 44 | 6.9 | 45 | 0.35 | 0.16 | 0.09 | 2.99 | 100 | 0.16 | 1.10 | 19 | 156 | 559 | 85 | 802 | 200 | 13 |
| 13 | 800 | 0.00 | 100 | 0.00 | 7.65 | 33 | 2362 | 43 | 6.9 | 44 | 0.36 | 0.16 | 0.09 | 2.96 | 100 | 0.16 | 1.12 | 19 | 154 | 556 | 87 | 800 | 800 | 13 |
| 13 | 1400 | 0.00 | 100 | 0.00 | 7.80 | 34 | 2362 | 43 | 6.9 | 43 | 0.36 | 0.16 | 0.09 | 2.94 | 100 | 0.16 | 1.14 | 19 | 152 | 554 | 90 | 796 | 1400 | 13 |
| 13 | 2000 | 0.00 | 100 | 0.00 | 7.96 | 35 | 2362 | 42 | 6.9 | 42 | 0.37 | 0.16 | 0.09 | 2.92 | 100 | 0.16 | 1.16 | 19 | 149 | 550 | 92 | 793 | 2000 | 13 |
| 14 | 200 | 0.00 | 100 | 0.00 | 8.11 | 35 | 2362 | 41 | 6.9 | 42 | 0.37 | 0.16 | 0.09 | 2.90 | 100 | 0.16 | 1.18 | 18 | 147 | 546 | 93 | 788 | 200 | 14 |
| 14 | 800 | 0.00 | 100 | 0.00 | 8.27 | 36 | 2362 | 40 | 6.9 | 41 | 0.38 | 0.15 | 0.09 | 2.87 | 100 | 0.15 | 1.20 | 18 | 144 | 542 | 95 | 783 | 800 | 14 |
| 14 | 1400 | 0.00 | 100 | 0.00 | 8.42 | 37 | 2362 | 39 | 6.9 | 40 | 0.38 | 0.15 | 0.09 | 2.85 | 100 | 0.15 | 1.22 | 18 | 141 | 537 | 97 | 777 | 1400 | 14 |
| 14 | 2000 | 0.00 | 100 | 0.00 | 8.57 | 37 | 2362 | 39 | 6.9 | 39 | 0.39 | 0.15 | 0.09 | 2.83 | 100 | 0.15 | 1.24 | 18 | 140 | 535 | 99 | 775 | 2000 | 14 |
| 15 | 200 | 0.00 | 100 | 0.00 | 8.73 | 38 | 2362 | 38 | 6.9 | 39 | 0.39 | 0.15 | 0.09 | 2.81 | 100 | 0.15 | 1.26 | 18 | 138 | 533 | 101 | 773 | 200 | 15 |
| 15 | 800 | 0.00 | 100 | 0.00 | 8.88 | 39 | 2362 | 38 | 6.9 | 38 | 0.40 | 0.15 | 0.09 | 2.78 | 100 | 0.15 | 1.28 | 17 | 136 | 531 | 103 | 771 | 800 | 15 |
| 15 | 1400 | 0.00 | 100 | 0.00 | 9.03 | 39 | 2362 | 37 | 6.9 | 38 | 0.40 | 0.15 | 0.09 | 2.76 | 100 | 0.15 | 1.30 | 17 | 134 | 529 | 105 | 769 | 1400 | 15 |
| 15 | 2000 | 0.00 | 100 | 0.00 | 9.18 | 40 | 2362 | 37 | 6.9 | 37 | 0.41 | 0.15 | 0.09 | 2.74 | 100 | 0.15 | 1.32 | 17 | 132 | 527 | 107 | 767 | 2000 | 15 |
| 16 | 200 | 0.00 | 100 | 0.00 | 9.33 | 41 | 2362 | 36 | 6.9 | 36 | 0.41 | 0.15 | 0.09 | 2.72 | 100 | 0.15 | 1.34 | 17 | 130 | 524 | 109 | 765 | 200 | 16 |
| 16 | 800 | 0.00 | 100 | 0.00 | 9.48 | 41 | 2362 | 35 | 6.9 | 36 | 0.42 | 0.15 | 0.09 | 2.69 | 100 | 0.15 | 1.37 | 17 | 128 | 523 | 111 | 764 | 800 | 16 |
| 16 | 1400 | 0.00 | 100 | 0.00 | 9.63 | 42 | 2362 | 35 | 6.9 | 35 | 0.43 | 0.15 | 0.09 | 2.67 | 100 | 0.15 | 1.39 | 16 | 127 | 522 | 113 | 763 | 1400 | 16 |
| 16 | 2000 | 0.00 | 100 | 0.00 | 9.79 | 43 | 2362 | 34 | 6.9 | 35 | 0.43 | 0.15 | 0.09 | 2.65 | 100 | 0.15 | 1.41 | 16 | 125 | 520 | 115 | 762 | 2000 | 16 |
| 17 | 200 | 0.00 | 100 | 0.00 | 9.94 | 43 | 2362 | 34 | 6.9 | 34 | 0.44 | 0.15 | 0.09 | 2.63 | 100 | 0.15 | 1.43 | 16 | 123 | 517 | 117 | 760 | 200 | 17 |
| 17 | 800 | 0.00 | 100 | 0.00 | 10.09 | 44 | 2362 | 33 | 6.9 | 34 | 0.45 | 0.15 | 0.09 | 2.60 | 100 | 0.15 | 1.45 | 16 | 121 | 515 | 120 | 757 | 800 | 17 |
| 17 | 1400 | 0.00 | 100 | 0.00 | 10.24 | 45 | 2362 | 33 | 6.9 | 33 | 0.45 | 0.15 | 0.09 | 2.58 | 100 | 0.15 | 1.48 | 15 | 119 | 512 | 122 | 755 | 1400 | 17 |
| 17 | 2000 | 0.00 | 100 | 0.00 | 10.39 | 45 | 2362 | 32 | 6.9 | 33 | 0.46 | 0.15 | 0.09 | 2.56 | 100 | 0.15 | 1.50 | 15 | 117 | 508 | 125 | 752 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 0.00 | 10.54 | 46 | 2362 | 31 | 6.9 | 32 | 0.47 | 0.15 | 0.09 | 2.54 | 100 | 0.15 | 1.52 | 15 | 115 | 505 | 128 | 750 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 0.00 | 10.68 | 46 | 2362 | 31 | 6.9 | 31 | 0.47 | 0.15 | 0.09 | 2.51 | 100 | 0.15 | 1.55 | 15 | 113 | 502 | 131 | 747 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 0.00 | 10.83 | 47 | 2362 | 30 | 6.9 | 31 | 0.48 | 0.15 | 0.09 | 2.49 | 100 | 0.15 | 1.57 | 15 | 111 | 498 | 134 | 744 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 0.00 | 10.98 | 48 | 2362 | 30 | 6.9 | 30 | 0.49 | 0.15 | 0.09 | 2.47 | 100 | 0.15 | 1.59 | 14 | 108 | 494 | 137 | 741 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 0.00 | 11.13 | 48 | 2362 | 29 | 6.9 | 30 | 0.49 | 0.15 | 0.09 | 2.45 | 100 | 0.15 | 1.62 | 14 | 106 | 490 | 140 | 737 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 0.00 | 11.27 | 49 | 2362 | 29 | 6.9 | 29 | 0.50 | 0.15 | 0.09 | 2.42 | 100 | 0.15 | 1.64 | 14 | 104 | 485 | 143 | 733 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 0.00 | 11.42 | 50 | 2362 | 28 | 6.9 | 29 | 0.51 | 0.15 | 0.09 | 2.40 | 100 | 0.15 | 1.67 | 14 | 101 | 480 | 146 | 728 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 0.00 | 11.56 | 50 | 2362 | 28 | 6.9 | 28 | 0.51 | 0.14 | 0.09 | 2.38 | 100 | 0.14 | 1.69 | 13 | 99 | 475 | 149 | 723 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 0.00 | 11.71 | 51 | 2362 | 27 | 6.9 | 27 | 0.52 | 0.14 | 0.09 | 2.36 | 100 | 0.14 | 1.72 | 13 | 96 | 469 | 151 | 718 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 0.00 | 11.85 | 52 | 2362 | 27 | 6.9 | 27 | 0.52 | 0.14 | 0.09 | 2.33 | 100 | 0.14 | 1.74 | 13 | 93 | 462 | 154 | 711 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 0.00 | 11.99 | 52 | 2362 | 26 | 6.9 | 26 | 0.53 | 0.14 | 0.09 | 2.31 | 100 | 0.14 | 1.76 | 13 | 90 | 455 | 157 | 704 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 0.00 | 12.12 | 53 | 2362 | 25 | 6.9 | 26 | 0.53 | 0.14 | 0.09 | 2.29 | 100 | 0.14 | 1.79 | 12 | 87 | 448 | 160 | 697 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 0.00 | 12.26 | 53 | 2362 | 25 | 6.9 | 25 | 0.53 | 0.14 | 0.09 | 2.27 | 100 | 0.14 | 1.81 | 12 | 84 | 441 | 162 | 689 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 0.00 | 12.39 | 54 | 2363 | 24 | 6.9 | 25 | 0.54 | 0.13 | 0.09 | 2.24 | 100 | 0.13 | 1.83 | 12 | 82 | 435 | 164 | 682 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 0.00 | 12.52 | 54 | 2363 | 24 | 6.9 | 24 | 0.54 | 0.13 | 0.09 | 2.22 | 100 | 0.13 | 1.85 | 12 | 79 | 428 | 165 | 674 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 0.00 | 12.65 | 55 | 2363 | 23 | 6.9 | 24 | 0.54 | 0.13 | 0.09 | 2.20 | 100 | 0.13 | 1.87 | 11 | 76 | 421 | 167 | 666 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 0.00 | 12.78 | 56 | 2363 | 23 | 6.9 | 23 | 0.55 | 0.13 | 0.09 | 2.18 | 100 | 0.13 | 1.89 | 11 | 74 | 414 | 168 | 657 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 0.00 | 12.91 | 56 | 2363 | 23 | 6.9 | 23 | 0.55 | 0.13 | 0.09 | 2.15 | 100 | 0.13 | 1.91 | 11 | 71 | 407 | 168 | 648 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 0.00 | 13.03 | 57 | 2363 | 22 | 6.9 | 22 | 0.55 | 0.12 | 0.09 | 2.13 | 100 | 0.12 | 1.93 | 11 | 69 | 400 | 169 | 639 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 0.00 | 13.15 | 57 | 2363 | 22 | 6.9 | 22 | 0.56 | 0.12 | 0.09 | 2.11 | 100 | 0.12 | 1.95 | 11 | 67 | 393 | 169 | 630 | 2000 | 22 |
| 23 | 200 | 0.00 | 100 | 0.00 | 13.27 | 58 | 2363 | 21 | 6.9 | 21 | 0.56 | 0.12 | 0.09 | 2.09 | 100 | 0.12 | 1.97 | 10 | 65 | 386 | 169 | 621 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 0.00 | 13.39 | 58 | 2363 | 21 | 6.9 | 21 | 0.56 | 0.12 | 0.09 | 2.06 | 100 | 0.12 | 1.99 | 10 | 62 | 379 | 169 | 612 | 800 | 23 |



FORM 2182 PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310681 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.329 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 100 | 0.00 | 13.51 | 59 | 2363 | 20 | 6.9 | 21 | 0.56 | 0.12 | 0.09 | 2.04 | 100 | 0.12 | 2.01 | 10 | 60 | 372 | 169 | 603 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 0.00 | 13.62 | 59 | 2363 | 20 | 6.9 | 20 | 0.57 | 0.11 | 0.09 | 2.02 | 100 | 0.11 | 2.02 | 10 | 59 | 365 | 169 | 594 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 0.00 | 13.73 | 60 | 2363 | 20 | 6.9 | 20 | 0.57 | 0.11 | 0.09 | 2.00 | 100 | 0.11 | 2.04 | 10 | 58 | 359 | 169 | 588 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 0.00 | 13.85 | 60 | 2363 | 19 | 6.9 | 20 | 0.57 | 0.11 | 0.09 | 1.97 | 100 | 0.11 | 2.06 | 10 | 57 | 356 | 169 | 583 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 0.00 | 13.96 | 61 | 2363 | 19 | 6.9 | 19 | 0.58 | 0.11 | 0.09 | 1.95 | 100 | 0.11 | 2.07 | 10 | 57 | 352 | 168 | 579 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 0.00 | 14.07 | 61 | 2363 | 19 | 6.9 | 19 | 0.58 | 0.11 | 0.09 | 1.93 | 100 | 0.11 | 2.09 | 10 | 57 | 349 | 167 | 574 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 0.00 | 14.18 | 62 | 2363 | 19 | 6.9 | 19 | 0.58 | 0.11 | 0.09 | 1.91 | 100 | 0.11 | 2.10 | 10 | 56 | 345 | 167 | 570 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 0.00 | 14.29 | 62 | 2363 | 18 | 6.9 | 19 | 0.58 | 0.11 | 0.09 | 1.88 | 100 | 0.11 | 2.12 | 10 | 56 | 341 | 166 | 565 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 0.00 | 14.39 | 63 | 2363 | 18 | 6.9 | 18 | 0.59 | 0.11 | 0.09 | 1.86 | 100 | 0.11 | 2.13 | 10 | 55 | 338 | 166 | 561 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 0.00 | 14.50 | 63 | 2363 | 18 | 6.9 | 18 | 0.59 | 0.11 | 0.09 | 1.84 | 100 | 0.11 | 2.14 | 10 | 55 | 334 | 165 | 556 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 0.00 | 14.61 | 64 | 2363 | 18 | 6.9 | 18 | 0.59 | 0.11 | 0.09 | 1.82 | 100 | 0.11 | 2.16 | 10 | 54 | 331 | 165 | 552 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 0.00 | 14.71 | 64 | 2363 | 18 | 6.9 | 18 | 0.60 | 0.11 | 0.09 | 1.79 | 100 | 0.11 | 2.17 | 10 | 54 | 327 | 164 | 547 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 0.00 | 14.82 | 64 | 2363 | 17 | 6.9 | 17 | 0.60 | 0.10 | 0.09 | 1.77 | 100 | 0.10 | 2.19 | 10 | 53 | 324 | 164 | 543 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 0.00 | 14.92 | 65 | 2363 | 17 | 6.9 | 17 | 0.60 | 0.10 | 0.09 | 1.75 | 100 | 0.10 | 2.20 | 10 | 53 | 320 | 164 | 538 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 0.00 | 15.02 | 65 | 2363 | 17 | 6.9 | 17 | 0.60 | 0.10 | 0.09 | 1.73 | 100 | 0.10 | 2.21 | 10 | 53 | 317 | 163 | 534 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 0.00 | 15.13 | 66 | 2363 | 17 | 6.9 | 17 | 0.61 | 0.10 | 0.09 | 1.70 | 100 | 0.10 | 2.23 | 10 | 52 | 313 | 163 | 529 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 0.00 | 15.23 | 66 | 2363 | 16 | 6.9 | 17 | 0.61 | 0.10 | 0.09 | 1.68 | 100 | 0.10 | 2.24 | 10 | 52 | 309 | 162 | 525 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 0.00 | 15.33 | 67 | 2363 | 16 | 6.9 | 16 | 0.61 | 0.10 | 0.09 | 1.66 | 100 | 0.10 | 2.25 | 10 | 51 | 306 | 162 | 520 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 0.00 | 15.43 | 67 | 2363 | 16 | 6.9 | 16 | 0.61 | 0.10 | 0.09 | 1.64 | 100 | 0.10 | 2.27 | 10 | 51 | 302 | 161 | 516 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 0.00 | 15.52 | 67 | 2363 | 16 | 6.9 | 16 | 0.62 | 0.10 | 0.09 | 1.61 | 100 | 0.10 | 2.28 | 10 | 50 | 299 | 161 | 511 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 0.00 | 15.62 | 68 | 2363 | 16 | 6.9 | 16 | 0.62 | 0.10 | 0.09 | 1.59 | 100 | 0.10 | 2.29 | 10 | 50 | 295 | 160 | 507 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 0.00 | 15.72 | 68 | 2363 | 15 | 6.9 | 16 | 0.62 | 0.10 | 0.09 | 1.57 | 100 | 0.10 | 2.30 | 10 | 49 | 291 | 160 | 502 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 0.00 | 15.81 | 69 | 2363 | 15 | 6.9 | 15 | 0.62 | 0.10 | 0.09 | 1.55 | 100 | 0.10 | 2.31 | 10 | 49 | 288 | 159 | 498 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 0.00 | 15.91 | 69 | 2363 | 15 | 6.9 | 15 | 0.63 | 0.09 | 0.09 | 1.52 | 100 | 0.09 | 2.33 | 10 | 48 | 285 | 159 | 493 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 0.00 | 16.00 | 70 | 2363 | 15 | 6.9 | 15 | 0.63 | 0.09 | 0.09 | 1.50 | 100 | 0.09 | 2.34 | 10 | 48 | 281 | 158 | 489 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 0.00 | 16.10 | 70 | 2363 | 15 | 6.9 | 15 | 0.63 | 0.09 | 0.09 | 1.48 | 100 | 0.09 | 2.35 | 10 | 47 | 278 | 158 | 484 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 0.00 | 16.19 | 70 | 2363 | 14 | 6.9 | 15 | 0.63 | 0.09 | 0.09 | 1.46 | 100 | 0.09 | 2.36 | 10 | 47 | 274 | 157 | 480 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 0.00 | 16.28 | 71 | 2363 | 14 | 6.9 | 14 | 0.63 | 0.09 | 0.09 | 1.43 | 100 | 0.09 | 2.37 | 10 | 47 | 271 | 156 | 475 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 0.00 | 16.37 | 71 | 2363 | 14 | 6.9 | 14 | 0.64 | 0.09 | 0.09 | 1.41 | 100 | 0.09 | 2.38 | 10 | 46 | 267 | 156 | 471 | 1400 | 30 |
| 30 | 2000 | 0.00 | 100 | 0.00 | 16.46 | 72 | 2363 | 14 | 6.9 | 14 | 0.64 | 0.09 | 0.09 | 1.39 | 100 | 0.09 | 2.39 | 10 | 46 | 264 | 155 | 466 | 2000 | 30 |
| 31 | 200 | 0.00 | 100 | 0.00 | 16.55 | 72 | 2363 | 14 | 6.9 | 14 | 0.64 | 0.09 | 0.09 | 1.37 | 100 | 0.09 | 2.41 | 10 | 45 | 261 | 154 | 462 | 200 | 31 |
| 31 | 800 | 0.00 | 100 | 0.00 | 16.64 | 72 | 2363 | 14 | 6.9 | 14 | 0.64 | 0.09 | 0.09 | 1.34 | 100 | 0.09 | 2.42 | 10 | 45 | 258 | 154 | 457 | 800 | 31 |
| 31 | 1400 | 0.00 | 100 | 0.00 | 16.72 | 73 | 2363 | 13 | 6.9 | 13 | 0.65 | 0.09 | 0.09 | 1.32 | 100 | 0.09 | 2.43 | 10 | 44 | 254 | 153 | 453 | 1400 | 31 |
| 31 | 2000 | 0.00 | 100 | 0.00 | 16.81 | 73 | 2363 | 13 | 6.9 | 13 | 0.65 | 0.09 | 0.09 | 1.30 | 100 | 0.09 | 2.44 | 10 | 44 | 251 | 152 | 448 | 2000 | 31 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.378 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | HII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 100 | 0.00 | 16.89 | 73 | 2363 | 13 | 6.9 | 13 | 0.65 | 0.08 | 0.09 | 1.28 | 100 | 0.08 | 2.45 | 10 | 43 | 248 | 151 | 444 | 200 | 1 |
| 1 | 800 | 0.00 | 100 | 0.00 | 16.97 | 74 | 2363 | 13 | 6.9 | 13 | 0.65 | 0.08 | 0.09 | 1.25 | 100 | 0.08 | 2.46 | 10 | 43 | 245 | 150 | 439 | 800 | 1 |
| 1 | 1400 | 0.00 | 100 | 0.00 | 17.06 | 74 | 2363 | 13 | 6.9 | 13 | 0.65 | 0.08 | 0.09 | 1.23 | 100 | 0.08 | 2.47 | 10 | 42 | 242 | 150 | 435 | 1400 | 1 |
| 1 | 2000 | 0.00 | 100 | 0.00 | 17.14 | 75 | 2363 | 12 | 6.9 | 13 | 0.66 | 0.08 | 0.09 | 1.21 | 100 | 0.08 | 2.48 | 10 | 42 | 238 | 149 | 430 | 2000 | 1 |
| 2 | 200 | 0.00 | 100 | 0.00 | 17.22 | 75 | 2363 | 12 | 6.9 | 12 | 0.66 | 0.08 | 0.09 | 1.19 | 100 | 0.08 | 2.49 | 10 | 41 | 235 | 148 | 426 | 200 | 2 |
| 2 | 800 | 0.00 | 100 | 0.00 | 17.30 | 75 | 2363 | 12 | 6.9 | 12 | 0.66 | 0.08 | 0.09 | 1.16 | 100 | 0.08 | 2.50 | 10 | 41 | 232 | 147 | 422 | 800 | 2 |
| 2 | 1400 | 0.00 | 100 | 0.00 | 17.38 | 76 | 2363 | 12 | 6.9 | 12 | 0.66 | 0.08 | 0.09 | 1.14 | 100 | 0.08 | 2.51 | 10 | 41 | 229 | 146 | 417 | 1400 | 2 |
| 2 | 2000 | 0.00 | 100 | 0.00 | 17.46 | 76 | 2363 | 12 | 6.9 | 12 | 0.66 | 0.08 | 0.09 | 1.12 | 100 | 0.08 | 2.52 | 10 | 40 | 226 | 145 | 413 | 2000 | 2 |
| 3 | 200 | 0.00 | 100 | 0.00 | 17.54 | 76 | 2363 | 12 | 6.9 | 12 | 0.67 | 0.08 | 0.09 | 1.10 | 100 | 0.08 | 2.53 | 10 | 40 | 223 | 144 | 408 | 200 | 3 |
| 3 | 800 | 0.00 | 100 | 0.00 | 17.61 | 77 | 2363 | 11 | 6.9 | 11 | 0.67 | 0.08 | 0.09 | 1.07 | 100 | 0.08 | 2.54 | 10 | 39 | 220 | 143 | 404 | 800 | 3 |
| 3 | 1400 | 0.00 | 100 | 0.00 | 17.69 | 77 | 2363 | 11 | 6.9 | 11 | 0.67 | 0.08 | 0.09 | 1.05 | 100 | 0.08 | 2.55 | 10 | 39 | 217 | 142 | 399 | 1400 | 3 |
| 3 | 2000 | 0.00 | 100 | 0.00 | 17.76 | 77 | 2363 | 11 | 6.9 | 11 | 0.67 | 0.08 | 0.09 | 1.03 | 100 | 0.08 | 2.56 | 10 | 38 | 214 | 141 | 395 | 2000 | 3 |
| 4 | 200 | 0.00 | 100 | 0.00 | 17.85 | 78 | 2363 | 11 | 8.1 | 11 | 0.79 | 0.09 | 0.09 | 1.01 | 100 | 0.09 | 2.59 | 10 | 44 | 211 | 140 | 397 | 200 | 4 |
| 4 | 800 | 0.00 | 100 | 0.00 | 17.94 | 78 | 2363 | 11 | 8.1 | 11 | 0.79 | 0.09 | 0.09 | 0.98 | 100 | 0.09 | 2.63 | 10 | 44 | 207 | 142 | 394 | 800 | 4 |
| 4 | 1400 | 0.00 | 100 | 0.00 | 18.05 | 78 | 2363 | 11 | 10.4 | 11 | 1.02 | 0.11 | 0.09 | 0.96 | 100 | 0.11 | 2.71 | 10 | 55 | 204 | 146 | 406 | 1400 | 4 |
| 4 | 2000 | 0.00 | 100 | 0.00 | 18.15 | 79 | 2363 | 10 | 10.4 | 10 | 1.02 | 0.11 | 0.09 | 0.94 | 100 | 0.11 | 2.80 | 10 | 54 | 199 | 154 | 409 | 2000 | 4 |
| 5 | 200 | 0.00 | 100 | 0.00 | 18.29 | 80 | 2363 | 10 | 13.8 | 10 | 1.37 | 0.14 | 0.09 | 0.92 | 100 | 0.14 | 2.96 | 10 | 71 | 195 | 168 | 436 | 200 | 5 |
| 5 | 800 | 0.00 | 100 | 0.00 | 18.44 | 80 | 2363 | 10 | 15.0 | 10 | 1.49 | 0.15 | 0.09 | 0.89 | 100 | 0.15 | 3.14 | 10 | 76 | 189 | 190 | 456 | 800 | 5 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 18.61 | 81 | 2363 | 9 | 18.4 | 10 | 1.84 | 0.18 | 0.09 | 0.87 | 100 | 0.18 | 3.40 | 10 | 91 | 183 | 220 | 496 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 18.82 | 82 | 2363 | 9 | 21.9 | 9 | 2.20 | 0.20 | 0.09 | 0.85 | 100 | 0.20 | 3.73 | 10 | 104 | 176 | 261 | 542 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 19.02 | 83 | 2363 | 8 | 23.0 | 9 | 2.33 | 0.20 | 0.09 | 0.83 | 100 | 0.20 | 4.08 | 10 | 105 | 168 | 311 | 586 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 19.25 | 84 | 2363 | 8 | 26.5 | 8 | 2.69 | 0.22 | 0.09 | 0.80 | 100 | 0.22 | 4.50 | 10 | 115 | 160 | 370 | 646 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 19.48 | 85 | 2363 | 7 | 28.8 | 8 | 2.94 | 0.23 | 0.09 | 0.78 | 100 | 0.23 | 4.96 | 10 | 119 | 150 | 434 | 705 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 19.71 | 86 | 2363 | 7 | 31.1 | 7 | 3.20 | 0.24 | 0.09 | 0.76 | 100 | 0.24 | 5.46 | 10 | 121 | 141 | 501 | 765 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 19.96 | 87 | 2363 | 6 | 34.5 | 7 | 3.57 | 0.25 | 0.09 | 0.74 | 100 | 0.25 | 6.02 | 10 | 126 | 131 | 569 | 828 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 20.20 | 88 | 2363 | 6 | 36.8 | 6 | 3.84 | 0.24 | 0.09 | 0.71 | 100 | 0.24 | 6.63 | 10 | 125 | 121 | 635 | 883 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 20.44 | 89 | 2363 | 5 | 39.1 | 6 | 4.10 | 0.24 | 0.09 | 0.69 | 100 | 0.24 | 7.27 | 10 | 123 | 112 | 697 | 933 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 20.66 | 90 | 2363 | 5 | 38.5 | 5 | 4.07 | 0.22 | 0.09 | 0.67 | 100 | 0.22 | 7.86 | 10 | 111 | 102 | 752 | 967 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 20.85 | 91 | 2363 | 5 | 37.7 | 5 | 4.00 | 0.19 | 0.09 | 0.65 | 100 | 0.19 | 8.40 | 10 | 100 | 93 | 797 | 991 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 21.03 | 91 | 2363 | 4 | 37.7 | 4 | 4.02 | 0.18 | 0.09 | 0.62 | 100 | 0.18 | 8.91 | 10 | 92 | 85 | 828 | 1006 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.01 | 21.19 | 92 | 2363 | 4 | 36.8 | 4 | 3.94 | 0.17 | 0.09 | 0.60 | 100 | 0.17 | 9.00 | 10 | 87 | 82 | 843 | 1015 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.02 | 21.34 | 93 | 2363 | 4 | 36.8 | 4 | 3.96 | 0.16 | 0.09 | 0.58 | 100 | 0.16 | 9.00 | 10 | 81 | 76 | 846 | 1004 | 2000 | 8 |
| 9 | 200 | 0.03 | 100 | 0.05 | 21.47 | 93 | 2363 | 3 | 36.2 | 3 | 3.91 | 0.16 | 0.09 | 0.56 | 100 | 0.16 | 9.00 | 10 | 83 | 79 | 837 | 1000 | 200 | 9 |
| 9 | 800 | 0.05 | 100 | 0.08 | 21.60 | 94 | 2363 | 3 | 36.2 | 3 | 3.93 | 0.15 | 0.09 | 0.54 | 100 | 0.15 | 9.00 | 10 | 78 | 73 | 821 | 973 | 800 | 9 |
| 9 | 1400 | 0.08 | 100 | 0.11 | 21.71 | 94 | 2363 | 3 | 35.7 | 3 | 3.87 | 0.14 | 0.09 | 0.52 | 100 | 0.14 | 9.00 | 10 | 72 | 68 | 799 | 941 | 1400 | 9 |
| 9 | 2000 | 0.08 | 100 | 0.14 | 21.81 | 95 | 2363 | 3 | 35.7 | 3 | 3.89 | 0.14 | 0.09 | 0.50 | 100 | 0.14 | 9.00 | 10 | 70 | 66 | 774 | 911 | 2000 | 9 |
| 10 | 200 | 0.09 | 100 | 0.23 | 21.90 | 95 | 2363 | 2 | 34.7 | 2 | 3.80 | 0.18 | 0.09 | 0.49 | 100 | 0.18 | 9.00 | 10 | 94 | 90 | 749 | 934 | 200 | 10 |
| 10 | 800 | 0.10 | 100 | 0.33 | 21.99 | 96 | 2363 | 2 | 34.7 | 2 | 3.80 | 0.18 | 0.09 | 0.47 | 100 | 0.18 | 9.00 | 10 | 93 | 88 | 728 | 911 | 800 | 10 |
| 10 | 1400 | 0.10 | 100 | 0.42 | 22.07 | 96 | 2363 | 2 | 34.5 | 2 | 3.79 | 0.17 | 0.09 | 0.46 | 100 | 0.17 | 9.00 | 10 | 89 | 85 | 715 | 891 | 1400 | 10 |
| 10 | 2000 | 0.10 | 100 | 0.52 | 22.14 | 96 | 2363 | 2 | 34.5 | 2 | 3.79 | 0.17 | 0.09 | 0.45 | 100 | 0.17 | 9.00 | 10 | 86 | 82 | 708 | 877 | 2000 | 10 |
| 11 | 200 | 0.07 | 100 | 0.59 | 22.20 | 97 | 2363 | 2 | 33.6 | 2 | 3.70 | 0.14 | 0.09 | 0.44 | 100 | 0.14 | 9.00 | 10 | 70 | 69 | 703 | 843 | 200 | 11 |
| 11 | 800 | 0.07 | 100 | 0.66 | 22.26 | 97 | 2363 | 2 | 33.6 | 2 | 3.71 | 0.13 | 0.09 | 0.43 | 100 | 0.13 | 9.00 | 10 | 67 | 66 | 695 | 830 | 800 | 11 |
| 11 | 1400 | 0.11 | 100 | 0.77 | 22.31 | 97 | 2363 | 1 | 33.4 | 1 | 3.69 | 0.16 | 0.09 | 0.42 | 100 | 0.16 | 9.00 | 10 | 82 | 80 | 685 | 849 | 1400 | 11 |
| 11 | 2000 | 0.25 | 100 | 1.02 | 22.36 | 97 | 2363 | 1 | 33.4 | 1 | 3.69 | 0.30 | 0.09 | 0.41 | 100 | 0.30 | 9.00 | 10 | 157 | 148 | 680 | 985 | 2000 | 11 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.444 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.09 | 100 | 1.11 | 22.41 | 97 | 2363 | 1 | 31.1 | 1 | 3.44 | 0.13 | 0.09 | 0.40 | 100 | 0.13 | 9.00 | 10 | 66 | 70 | 687 | 824 | 200 | 12 |
| 12 | 800 | 0.09 | 100 | 1.19 | 22.45 | 98 | 2363 | 1 | 29.9 | 1 | 3.32 | 0.12 | 0.09 | 0.39 | 100 | 0.12 | 9.00 | 10 | 64 | 70 | 696 | 832 | 800 | 12 |
| 12 | 1400 | 0.12 | 100 | 1.31 | 22.48 | 98 | 2363 | 1 | 28.8 | 1 | 3.19 | 0.15 | 0.09 | 0.38 | 100 | 0.15 | 9.00 | 10 | 77 | 86 | 698 | 863 | 1400 | 12 |
| 12 | 2000 | 0.29 | 100 | 1.60 | 22.51 | 98 | 2363 | 1 | 27.6 | 1 | 3.07 | 0.32 | 0.09 | 0.37 | 100 | 0.32 | 9.00 | 10 | 164 | 182 | 700 | 1047 | 2000 | 12 |
| 13 | 200 | 0.12 | 100 | 1.71 | 22.54 | 98 | 2363 | 1 | 27.6 | 1 | 3.07 | 0.14 | 0.09 | 0.37 | 100 | 0.14 | 9.00 | 10 | 74 | 86 | 710 | 871 | 200 | 13 |
| 13 | 800 | 0.12 | 100 | 1.83 | 22.57 | 98 | 2363 | 1 | 27.6 | 1 | 3.07 | 0.14 | 0.09 | 0.36 | 100 | 0.14 | 9.00 | 10 | 73 | 85 | 721 | 881 | 800 | 13 |
| 13 | 1400 | 0.15 | 100 | 1.98 | 22.59 | 98 | 2363 | 1 | 27.6 | 1 | 3.07 | 0.18 | 0.09 | 0.35 | 100 | 0.18 | 9.00 | 10 | 92 | 106 | 727 | 926 | 1400 | 13 |
| 13 | 2000 | 0.39 | 100 | 2.37 | 22.61 | 98 | 2363 | 1 | 27.6 | 1 | 3.07 | 0.42 | 0.09 | 0.34 | 100 | 0.42 | 9.00 | 10 | 215 | 230 | 736 | 1182 | 2000 | 13 |
| 14 | 200 | 0.14 | 100 | 2.51 | 22.64 | 98 | 2363 | 1 | 26.7 | 1 | 2.97 | 0.16 | 0.09 | 0.34 | 100 | 0.16 | 9.00 | 10 | 82 | 98 | 761 | 944 | 200 | 14 |
| 14 | 800 | 0.14 | 100 | 2.65 | 22.66 | 99 | 2363 | 1 | 26.7 | 1 | 2.98 | 0.16 | 0.09 | 0.33 | 100 | 0.16 | 9.00 | 10 | 82 | 98 | 790 | 971 | 800 | 14 |
| 14 | 1400 | 0.19 | 100 | 2.84 | 22.67 | 99 | 2363 | 1 | 26.7 | 1 | 2.98 | 0.21 | 0.09 | 0.33 | 100 | 0.21 | 9.00 | 10 | 106 | 124 | 809 | 1041 | 1400 | 14 |
| 14 | 2000 | 0.47 | 100 | 3.31 | 22.69 | 99 | 2363 | 1 | 26.7 | 1 | 2.98 | 0.49 | 0.09 | 0.32 | 100 | 0.49 | 9.00 | 10 | 251 | 271 | 830 | 1353 | 2000 | 14 |
| 15 | 200 | 0.24 | 100 | 3.54 | 22.71 | 99 | 2363 | 1 | 27.8 | 1 | 3.11 | 0.25 | 0.09 | 0.32 | 100 | 0.25 | 9.00 | 10 | 130 | 144 | 869 | 1144 | 200 | 15 |
| 15 | 800 | 0.24 | 100 | 3.78 | 22.73 | 99 | 2363 | 1 | 27.8 | 1 | 3.11 | 0.25 | 0.09 | 0.31 | 100 | 0.25 | 9.00 | 10 | 129 | 144 | 918 | 1192 | 800 | 15 |
| 15 | 1400 | 0.31 | 100 | 4.09 | 22.74 | 99 | 2363 | 1 | 27.8 | 0 | 3.11 | 0.33 | 0.09 | 0.31 | 100 | 0.33 | 9.00 | 10 | 168 | 183 | 965 | 1317 | 1400 | 15 |
| 15 | 2000 | 0.78 | 100 | 4.87 | 22.75 | 99 | 2363 | 1 | 27.8 | 0 | 3.11 | 0.80 | 0.09 | 0.30 | 100 | 0.80 | 9.00 | 10 | 410 | 392 | 1027 | 1830 | 2000 | 15 |
| 16 | 200 | 0.43 | 100 | 5.30 | 22.77 | 99 | 2363 | 0 | 26.5 | 0 | 2.96 | 0.44 | 0.09 | 0.30 | 100 | 0.44 | 9.00 | 10 | 226 | 249 | 1130 | 1606 | 200 | 16 |
| 16 | 800 | 0.18 | 100 | 5.48 | 22.78 | 99 | 2363 | 0 | 24.2 | 0 | 2.70 | 0.19 | 0.09 | 0.29 | 100 | 0.19 | 9.00 | 10 | 97 | 125 | 1247 | 1470 | 800 | 16 |
| 16 | 1400 | 0.12 | 100 | 5.60 | 22.79 | 99 | 2363 | 0 | 24.2 | 0 | 2.70 | 0.13 | 0.09 | 0.29 | 100 | 0.13 | 9.00 | 10 | 69 | 91 | 1328 | 1489 | 1400 | 16 |
| 16 | 2000 | 0.12 | 100 | 5.73 | 22.80 | 99 | 2363 | 0 | 25.3 | 0 | 2.83 | 0.13 | 0.09 | 0.28 | 100 | 0.13 | 9.00 | 10 | 69 | 87 | 1349 | 1506 | 2000 | 16 |
| 17 | 200 | 0.29 | 100 | 6.02 | 22.81 | 99 | 2363 | 0 | 25.5 | 0 | 2.86 | 0.30 | 0.09 | 0.27 | 100 | 0.30 | 9.00 | 10 | 155 | 183 | 1323 | 1663 | 200 | 17 |
| 17 | 800 | 0.12 | 100 | 6.14 | 22.82 | 99 | 2363 | 0 | 25.5 | 0 | 2.86 | 0.13 | 0.09 | 0.27 | 100 | 0.13 | 9.00 | 10 | 66 | 82 | 1273 | 1423 | 800 | 17 |
| 17 | 1400 | 0.09 | 100 | 6.22 | 22.82 | 99 | 2363 | 0 | 25.5 | 0 | 2.86 | 0.09 | 0.09 | 0.26 | 100 | 0.09 | 9.00 | 10 | 48 | 61 | 1207 | 1318 | 1400 | 17 |
| 17 | 2000 | 0.09 | 100 | 6.31 | 22.83 | 99 | 2363 | 0 | 25.5 | 0 | 2.86 | 0.09 | 0.09 | 0.25 | 100 | 0.09 | 9.00 | 10 | 48 | 61 | 1123 | 1233 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 6.31 | 22.84 | 99 | 2363 | 0 | 26.7 | 0 | 2.99 | 0.01 | 0.09 | 0.24 | 100 | 0.01 | 9.00 | 10 | 3 | 4 | 1025 | 1034 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 6.31 | 22.85 | 99 | 2363 | 0 | 26.7 | 0 | 2.99 | 0.01 | 0.09 | 0.22 | 100 | 0.01 | 8.99 | 10 | 3 | 4 | 914 | 923 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 6.31 | 22.85 | 99 | 2363 | 0 | 26.7 | 0 | 2.99 | 0.01 | 0.09 | 0.19 | 100 | 0.01 | 8.97 | 10 | 3 | 4 | 796 | 804 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 6.31 | 22.86 | 99 | 2363 | 0 | 26.7 | 0 | 2.99 | 0.01 | 0.09 | 0.17 | 100 | 0.01 | 8.94 | 10 | 3 | 4 | 677 | 685 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 6.31 | 22.87 | 99 | 2363 | 0 | 29.9 | 0 | 3.35 | 0.01 | 0.09 | 0.15 | 100 | 0.01 | 8.97 | 10 | 3 | 3 | 565 | 573 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 6.31 | 22.87 | 99 | 2363 | 0 | 32.2 | 0 | 3.61 | 0.01 | 0.09 | 0.13 | 100 | 0.01 | 9.00 | 10 | 3 | 3 | 464 | 472 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 6.31 | 22.88 | 99 | 2363 | 0 | 34.5 | 0 | 3.87 | 0.01 | 0.09 | 0.10 | 100 | 0.01 | 9.00 | 10 | 3 | 3 | 377 | 384 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 6.31 | 22.89 | 100 | 2363 | 0 | 37.0 | 0 | 4.15 | 0.01 | 0.09 | 0.08 | 100 | 0.01 | 9.00 | 10 | 3 | 2 | 303 | 309 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 6.31 | 22.89 | 100 | 2363 | 0 | 38.2 | 0 | 4.28 | 0.01 | 0.09 | 0.06 | 100 | 0.01 | 9.00 | 10 | 3 | 2 | 242 | 248 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 6.31 | 22.90 | 100 | 2363 | 0 | 38.2 | 0 | 4.28 | 0.01 | 0.09 | 0.04 | 100 | 0.01 | 9.00 | 10 | 2 | 2 | 192 | 198 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 6.31 | 22.90 | 100 | 2363 | 0 | 38.2 | 0 | 4.28 | 0.01 | 0.09 | 0.01 | 100 | 0.01 | 9.00 | 10 | 2 | 2 | 153 | 158 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 6.31 | 22.91 | 100 | 2363 | 0 | 38.2 | 0 | 4.29 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 9.00 | 10 | 2 | 2 | 122 | 127 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 6.31 | 22.91 | 100 | 2363 | 0 | 42.6 | 0 | 4.78 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 9.00 | 10 | 2 | 1 | 97 | 102 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 6.31 | 22.92 | 100 | 2363 | 0 | 42.6 | 0 | 4.78 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 9.00 | 10 | 2 | 1 | 78 | 83 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 6.31 | 22.92 | 100 | 2363 | 0 | 42.6 | 0 | 4.78 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.99 | 10 | 1 | 1 | 64 | 67 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 6.31 | 22.92 | 100 | 2363 | 0 | 42.6 | 0 | 4.78 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.94 | 10 | 1 | 1 | 52 | 56 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 6.31 | 22.93 | 100 | 2363 | 0 | 44.9 | 0 | 5.04 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.89 | 10 | 1 | 1 | 43 | 47 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 6.31 | 22.93 | 100 | 2363 | 0 | 44.9 | 0 | 5.04 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.82 | 10 | 1 | 1 | 36 | 39 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 6.31 | 22.93 | 100 | 2363 | 0 | 44.9 | 0 | 5.04 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.71 | 10 | 1 | 0 | 31 | 33 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 6.31 | 22.93 | 100 | 2363 | 0 | 44.9 | 0 | 5.04 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.58 | 10 | 1 | 0 | 26 | 29 | 2000 | 22 |



FORM 1811-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF

N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.449 IN./DEGREE-DAY, AREA = 48.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 43.7 | 0 | 4.91 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.42 | 10 | 1 | 0 | 23 | 25 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 43.7 | 0 | 4.91 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.24 | 10 | 0 | 0 | 20 | 22 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 43.7 | 0 | 4.91 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 8.04 | 10 | 0 | 0 | 17 | 19 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 43.7 | 0 | 4.91 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 7.84 | 10 | 0 | 0 | 15 | 17 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 36.8 | 0 | 4.13 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 7.58 | 10 | 0 | 0 | 13 | 15 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 36.8 | 0 | 4.13 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 7.33 | 10 | 0 | 0 | 12 | 13 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 36.8 | 0 | 4.13 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 7.07 | 10 | 0 | 0 | 10 | 12 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 6.31 | 22.94 | 100 | 2363 | 0 | 36.8 | 0 | 4.13 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 6.82 | 10 | 0 | 0 | 9 | 10 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 33.4 | 0 | 3.75 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 6.56 | 10 | 0 | 0 | 8 | 9 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 33.4 | 0 | 3.75 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 6.30 | 10 | 0 | 0 | 7 | 8 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 33.4 | 0 | 3.75 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 6.05 | 10 | 0 | 0 | 6 | 7 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 33.4 | 0 | 3.75 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 5.81 | 10 | 0 | 0 | 5 | 6 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 32.2 | 0 | 3.62 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 5.57 | 10 | 0 | 0 | 5 | 6 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 32.2 | 0 | 3.62 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 5.33 | 10 | 0 | 0 | 4 | 5 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 32.2 | 0 | 3.62 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 5.11 | 10 | 0 | 0 | 4 | 4 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 32.2 | 0 | 3.62 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 4.89 | 10 | 0 | 0 | 3 | 4 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 4.67 | 10 | 0 | 0 | 3 | 4 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 4.46 | 10 | 0 | 0 | 2 | 3 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 4.26 | 10 | 0 | 0 | 2 | 3 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 4.07 | 10 | 0 | 0 | 2 | 3 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 3.89 | 10 | 0 | 0 | 2 | 2 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 3.71 | 10 | 0 | 0 | 1 | 2 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 3.54 | 10 | 0 | 0 | 1 | 2 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 31.1 | 0 | 3.49 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 3.38 | 10 | 0 | 0 | 1 | 2 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 29.9 | 0 | 3.36 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 3.22 | 10 | 0 | 0 | 1 | 2 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 29.9 | 0 | 3.36 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 3.06 | 10 | 0 | 0 | 1 | 1 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 29.9 | 0 | 3.36 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 2.92 | 10 | 0 | 0 | 1 | 1 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 29.9 | 0 | 3.36 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 2.78 | 10 | 0 | 0 | 1 | 1 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 28.8 | 0 | 3.23 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 2.64 | 10 | 0 | 0 | 0 | 1 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 28.8 | 0 | 3.23 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 2.52 | 10 | 0 | 0 | 0 | 1 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 6.31 | 22.95 | 100 | 2363 | 0 | 28.8 | 0 | 3.23 | 0.00 | 0.09 | 0.00 | 100 | 0.00 | 2.39 | 10 | 0 | 0 | 0 | 1 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

BASIN RESULTS - STATION 33.0 TYONE RIVER BASIN 1047 SQ MI

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.05 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 | |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 120 | 20 | 0 | 140 | 1400 | 1 |
| 1 | 2000 | 0.00 | 83 | 0.00 | 0.04 | 0 | 2100 | 100 | 5.7 | 97 | 0.14 | 0.14 | 0.09 | 4.00 | 32 | 0.04 | 0.04 | 57 | 120 | 20 | 0 | 140 | 2000 | 1 |
| 2 | 200 | 0.00 | 83 | 0.00 | 0.09 | 0 | 2105 | 99 | 5.7 | 97 | 0.14 | 0.14 | 0.09 | 4.07 | 33 | 0.04 | 0.05 | 56 | 120 | 20 | 2 | 142 | 200 | 2 |
| 2 | 800 | 0.00 | 83 | 0.00 | 0.13 | 0 | 2111 | 99 | 5.6 | 96 | 0.14 | 0.14 | 0.09 | 4.14 | 33 | 0.05 | 0.05 | 55 | 120 | 20 | 4 | 145 | 800 | 2 |
| 2 | 1400 | 0.00 | 83 | 0.00 | 0.18 | 1 | 2116 | 98 | 5.6 | 96 | 0.14 | 0.14 | 0.09 | 4.21 | 34 | 0.05 | 0.06 | 55 | 120 | 20 | 8 | 148 | 1400 | 2 |
| 2 | 2000 | 0.00 | 83 | 0.00 | 0.23 | 1 | 2122 | 98 | 5.6 | 96 | 0.14 | 0.14 | 0.09 | 4.28 | 34 | 0.05 | 0.07 | 54 | 120 | 20 | 11 | 152 | 2000 | 2 |
| 3 | 200 | 0.00 | 83 | 0.00 | 0.28 | 1 | 2128 | 97 | 5.6 | 95 | 0.14 | 0.14 | 0.09 | 4.35 | 35 | 0.05 | 0.08 | 53 | 120 | 20 | 15 | 156 | 200 | 3 |
| 3 | 800 | 0.00 | 83 | 0.00 | 0.32 | 1 | 2133 | 97 | 5.6 | 95 | 0.14 | 0.14 | 0.09 | 4.42 | 35 | 0.05 | 0.08 | 52 | 120 | 20 | 20 | 160 | 800 | 3 |
| 3 | 1400 | 0.00 | 83 | 0.00 | 0.37 | 1 | 2139 | 97 | 5.6 | 94 | 0.14 | 0.14 | 0.09 | 4.49 | 36 | 0.05 | 0.09 | 52 | 120 | 20 | 25 | 166 | 1400 | 3 |
| 3 | 2000 | 0.00 | 83 | 0.00 | 0.42 | 2 | 2145 | 96 | 5.6 | 94 | 0.14 | 0.14 | 0.09 | 4.56 | 36 | 0.05 | 0.10 | 51 | 120 | 20 | 32 | 173 | 2000 | 3 |
| 4 | 200 | 0.00 | 83 | 0.00 | 0.47 | 2 | 2151 | 96 | 5.6 | 93 | 0.15 | 0.14 | 0.09 | 4.62 | 37 | 0.05 | 0.10 | 50 | 120 | 20 | 40 | 181 | 200 | 4 |
| 4 | 800 | 0.00 | 83 | 0.00 | 0.52 | 2 | 2157 | 95 | 5.6 | 93 | 0.15 | 0.14 | 0.09 | 4.69 | 38 | 0.05 | 0.11 | 50 | 120 | 20 | 49 | 190 | 800 | 4 |
| 4 | 1400 | 0.00 | 83 | 0.00 | 0.57 | 2 | 2163 | 95 | 5.6 | 92 | 0.15 | 0.13 | 0.09 | 4.76 | 38 | 0.05 | 0.12 | 49 | 120 | 20 | 59 | 200 | 1400 | 4 |
| 4 | 2000 | 0.00 | 83 | 0.00 | 0.63 | 2 | 2170 | 94 | 5.6 | 92 | 0.15 | 0.13 | 0.09 | 4.82 | 39 | 0.05 | 0.12 | 49 | 120 | 20 | 68 | 210 | 2000 | 4 |
| 5 | 200 | 0.00 | 83 | 0.00 | 0.68 | 3 | 2176 | 94 | 5.5 | 91 | 0.15 | 0.13 | 0.09 | 4.89 | 39 | 0.05 | 0.13 | 49 | 120 | 21 | 78 | 219 | 200 | 5 |
| 5 | 800 | 0.00 | 83 | 0.00 | 0.73 | 3 | 2182 | 93 | 5.5 | 91 | 0.15 | 0.13 | 0.09 | 4.95 | 40 | 0.05 | 0.13 | 49 | 120 | 21 | 87 | 229 | 800 | 5 |
| 5 | 1400 | 0.00 | 83 | 0.00 | 0.78 | 3 | 2189 | 93 | 5.5 | 91 | 0.15 | 0.13 | 0.09 | 5.02 | 40 | 0.05 | 0.14 | 48 | 120 | 22 | 95 | 238 | 1400 | 5 |
| 5 | 2000 | 0.00 | 83 | 0.00 | 0.84 | 3 | 2195 | 92 | 5.5 | 90 | 0.15 | 0.13 | 0.09 | 5.08 | 40 | 0.05 | 0.15 | 48 | 120 | 23 | 103 | 247 | 2000 | 5 |
| 6 | 200 | 0.00 | 83 | 0.00 | 0.89 | 3 | 2202 | 92 | 5.5 | 90 | 0.15 | 0.13 | 0.09 | 5.14 | 40 | 0.05 | 0.15 | 48 | 120 | 25 | 110 | 256 | 200 | 6 |
| 6 | 800 | 0.00 | 83 | 0.00 | 0.95 | 4 | 2208 | 91 | 5.5 | 89 | 0.15 | 0.13 | 0.09 | 5.21 | 41 | 0.05 | 0.16 | 47 | 120 | 26 | 117 | 264 | 800 | 6 |
| 6 | 1400 | 0.00 | 83 | 0.00 | 1.00 | 4 | 2215 | 91 | 5.5 | 89 | 0.15 | 0.13 | 0.09 | 5.27 | 41 | 0.05 | 0.16 | 47 | 120 | 29 | 122 | 272 | 1400 | 6 |
| 6 | 2000 | 0.00 | 83 | 0.00 | 1.05 | 4 | 2221 | 90 | 5.5 | 88 | 0.15 | 0.13 | 0.09 | 5.34 | 41 | 0.05 | 0.16 | 47 | 120 | 32 | 127 | 280 | 2000 | 6 |
| 7 | 200 | 0.00 | 83 | 0.00 | 1.11 | 4 | 2228 | 90 | 5.5 | 88 | 0.15 | 0.13 | 0.09 | 5.40 | 41 | 0.05 | 0.17 | 47 | 120 | 36 | 132 | 289 | 200 | 7 |
| 7 | 800 | 0.00 | 83 | 0.00 | 1.16 | 4 | 2234 | 89 | 5.4 | 87 | 0.15 | 0.13 | 0.09 | 5.46 | 41 | 0.05 | 0.17 | 47 | 120 | 41 | 136 | 297 | 800 | 7 |
| 7 | 1400 | 0.00 | 83 | 0.00 | 1.21 | 4 | 2241 | 89 | 5.4 | 87 | 0.15 | 0.13 | 0.09 | 5.53 | 42 | 0.05 | 0.18 | 46 | 120 | 46 | 139 | 307 | 1400 | 7 |
| 7 | 2000 | 0.00 | 83 | 0.00 | 1.27 | 5 | 2247 | 88 | 5.4 | 86 | 0.15 | 0.13 | 0.09 | 5.59 | 42 | 0.05 | 0.18 | 46 | 120 | 53 | 143 | 317 | 2000 | 7 |
| 8 | 200 | 0.00 | 83 | 0.00 | 1.32 | 5 | 2254 | 88 | 5.4 | 86 | 0.15 | 0.13 | 0.09 | 5.65 | 42 | 0.05 | 0.19 | 46 | 120 | 61 | 145 | 327 | 200 | 8 |
| 8 | 800 | 0.00 | 83 | 0.00 | 1.38 | 5 | 2260 | 87 | 5.4 | 85 | 0.15 | 0.13 | 0.09 | 5.72 | 42 | 0.05 | 0.19 | 46 | 120 | 70 | 148 | 339 | 800 | 8 |
| 8 | 1400 | 0.00 | 83 | 0.00 | 1.43 | 5 | 2267 | 87 | 5.4 | 85 | 0.15 | 0.13 | 0.09 | 5.78 | 42 | 0.05 | 0.19 | 46 | 120 | 81 | 150 | 352 | 1400 | 8 |
| 8 | 2000 | 0.00 | 83 | 0.00 | 1.49 | 6 | 2274 | 86 | 5.4 | 84 | 0.15 | 0.13 | 0.09 | 5.84 | 42 | 0.05 | 0.20 | 45 | 120 | 93 | 152 | 366 | 2000 | 8 |
| 9 | 200 | 0.00 | 83 | 0.00 | 1.54 | 6 | 2280 | 86 | 5.4 | 84 | 0.15 | 0.13 | 0.09 | 5.90 | 43 | 0.05 | 0.20 | 45 | 120 | 107 | 154 | 382 | 200 | 9 |
| 9 | 800 | 0.00 | 83 | 0.00 | 1.59 | 6 | 2287 | 85 | 5.4 | 83 | 0.15 | 0.13 | 0.09 | 5.97 | 43 | 0.05 | 0.20 | 45 | 120 | 122 | 155 | 399 | 800 | 9 |
| 9 | 1400 | 0.00 | 83 | 0.00 | 1.65 | 6 | 2293 | 85 | 5.3 | 83 | 0.15 | 0.13 | 0.09 | 6.03 | 43 | 0.05 | 0.21 | 45 | 120 | 139 | 157 | 417 | 1400 | 9 |
| 9 | 2000 | 0.00 | 83 | 0.00 | 1.70 | 6 | 2300 | 84 | 5.3 | 82 | 0.15 | 0.13 | 0.09 | 6.09 | 43 | 0.05 | 0.21 | 45 | 120 | 158 | 158 | 438 | 2000 | 9 |
| 10 | 200 | 0.00 | 83 | 0.00 | 1.76 | 7 | 2307 | 84 | 5.3 | 82 | 0.15 | 0.13 | 0.09 | 6.16 | 43 | 0.05 | 0.21 | 44 | 120 | 179 | 159 | 460 | 200 | 10 |
| 10 | 800 | 0.00 | 83 | 0.00 | 1.81 | 7 | 2313 | 83 | 5.3 | 81 | 0.15 | 0.13 | 0.09 | 6.22 | 43 | 0.05 | 0.21 | 44 | 120 | 202 | 160 | 484 | 800 | 10 |
| 10 | 1400 | 0.00 | 83 | 0.00 | 1.87 | 7 | 2320 | 83 | 5.3 | 81 | 0.15 | 0.12 | 0.09 | 6.28 | 44 | 0.05 | 0.22 | 44 | 120 | 227 | 161 | 510 | 1400 | 10 |
| 10 | 2000 | 0.00 | 83 | 0.00 | 1.92 | 7 | 2326 | 82 | 5.3 | 80 | 0.16 | 0.12 | 0.09 | 6.34 | 44 | 0.05 | 0.22 | 44 | 120 | 254 | 162 | 537 | 2000 | 10 |
| 11 | 200 | 0.00 | 83 | 0.00 | 1.98 | 7 | 2333 | 82 | 5.3 | 80 | 0.16 | 0.12 | 0.09 | 6.41 | 44 | 0.05 | 0.22 | 43 | 120 | 283 | 163 | 567 | 200 | 11 |
| 11 | 800 | 0.00 | 83 | 0.00 | 2.03 | 8 | 2340 | 81 | 5.3 | 79 | 0.16 | 0.12 | 0.09 | 6.47 | 44 | 0.05 | 0.23 | 43 | 120 | 314 | 164 | 599 | 800 | 11 |
| 11 | 1400 | 0.00 | 83 | 0.00 | 2.08 | 8 | 2346 | 81 | 5.3 | 78 | 0.16 | 0.12 | 0.09 | 6.53 | 44 | 0.05 | 0.23 | 43 | 120 | 347 | 165 | 633 | 1400 | 11 |
| 11 | 2000 | 0.00 | 83 | 0.00 | 2.14 | 8 | 2353 | 80 | 5.2 | 78 | 0.16 | 0.12 | 0.09 | 6.59 | 45 | 0.05 | 0.23 | 43 | 120 | 382 | 166 | 668 | 2000 | 11 |
| 12 | 200 | 0.00 | 83 | 0.00 | 2.19 | 8 | 2359 | 80 | 5.2 | 77 | 0.16 | 0.12 | 0.09 | 6.65 | 45 | 0.05 | 0.23 | 43 | 120 | 418 | 166 | 706 | 200 | 12 |
| 12 | 800 | 0.00 | 83 | 0.00 | 2.25 | 8 | 2365 | 79 | 5.2 | 77 | 0.16 | 0.12 | 0.09 | 6.72 | 45 | 0.05 | 0.24 | 42 | 120 | 457 | 167 | 746 | 800 | 12 |



FORM 419-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400

JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF

N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.121 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | DII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 19 | 72 | | | | | | | | | | | | | | | | | | | | | | MAY | 1972 |
| 12 | 1400 | 0.00 | 83 | 0.00 | 2.30 | 9 | 2369 | 79 | 5.2 | 77 | 0.16 | 0.12 | 0.09 | 6.78 | 45 | 0.05 | 0.24 | 42 | 120 | 498 | 168 | 787 | 1400 | 12 |
| 12 | 2000 | 0.00 | 83 | 0.00 | 2.36 | 9 | 2374 | 79 | 5.2 | 76 | 0.16 | 0.12 | 0.09 | 6.84 | 45 | 0.05 | 0.24 | 42 | 120 | 540 | 169 | 830 | 2000 | 12 |
| 13 | 200 | 0.00 | 83 | 0.00 | 2.41 | 9 | 2378 | 78 | 5.2 | 76 | 0.16 | 0.12 | 0.09 | 6.90 | 45 | 0.05 | 0.24 | 42 | 120 | 584 | 169 | 875 | 200 | 13 |
| 13 | 800 | 0.00 | 83 | 0.00 | 2.47 | 9 | 2382 | 78 | 5.2 | 76 | 0.16 | 0.12 | 0.09 | 6.96 | 46 | 0.05 | 0.24 | 42 | 120 | 630 | 170 | 921 | 800 | 13 |
| 13 | 1400 | 0.00 | 83 | 0.00 | 2.52 | 9 | 2387 | 78 | 5.2 | 75 | 0.16 | 0.12 | 0.09 | 7.02 | 46 | 0.06 | 0.25 | 41 | 120 | 677 | 171 | 969 | 1400 | 13 |
| 13 | 2000 | 0.00 | 83 | 0.00 | 2.58 | 10 | 2391 | 77 | 5.2 | 75 | 0.16 | 0.12 | 0.09 | 7.08 | 46 | 0.06 | 0.25 | 41 | 120 | 726 | 172 | 1019 | 2000 | 13 |
| 14 | 200 | 0.00 | 83 | 0.00 | 2.63 | 10 | 2396 | 77 | 5.2 | 75 | 0.16 | 0.12 | 0.09 | 7.15 | 46 | 0.06 | 0.25 | 41 | 120 | 776 | 172 | 1069 | 200 | 14 |
| 14 | 800 | 0.00 | 83 | 0.00 | 2.69 | 10 | 2400 | 77 | 5.2 | 74 | 0.16 | 0.12 | 0.09 | 7.21 | 46 | 0.06 | 0.25 | 41 | 120 | 827 | 173 | 1121 | 800 | 14 |
| 14 | 1400 | 0.00 | 83 | 0.00 | 2.74 | 10 | 2405 | 76 | 5.2 | 74 | 0.16 | 0.12 | 0.09 | 7.27 | 46 | 0.06 | 0.26 | 41 | 120 | 879 | 174 | 1174 | 1400 | 14 |
| 14 | 2000 | 0.00 | 83 | 0.00 | 2.80 | 10 | 2409 | 76 | 5.2 | 74 | 0.16 | 0.12 | 0.09 | 7.33 | 47 | 0.06 | 0.26 | 41 | 120 | 932 | 175 | 1228 | 2000 | 14 |
| 15 | 200 | 0.00 | 83 | 0.00 | 2.85 | 11 | 2414 | 76 | 5.1 | 73 | 0.16 | 0.12 | 0.09 | 7.39 | 47 | 0.06 | 0.26 | 40 | 120 | 986 | 175 | 1283 | 200 | 15 |
| 15 | 800 | 0.00 | 83 | 0.00 | 2.91 | 11 | 2418 | 75 | 5.1 | 73 | 0.16 | 0.12 | 0.09 | 7.45 | 47 | 0.06 | 0.26 | 40 | 120 | 1041 | 176 | 1339 | 800 | 15 |
| 15 | 1400 | 0.00 | 83 | 0.00 | 2.97 | 11 | 2423 | 75 | 5.1 | 73 | 0.16 | 0.12 | 0.09 | 7.51 | 47 | 0.06 | 0.26 | 40 | 120 | 1096 | 177 | 1395 | 1400 | 15 |
| 15 | 2000 | 0.00 | 83 | 0.00 | 3.02 | 11 | 2427 | 75 | 5.1 | 72 | 0.16 | 0.12 | 0.09 | 7.57 | 47 | 0.06 | 0.27 | 40 | 121 | 1152 | 178 | 1452 | 2000 | 15 |
| 16 | 200 | 0.00 | 83 | 0.00 | 3.08 | 11 | 2432 | 74 | 5.1 | 72 | 0.16 | 0.12 | 0.09 | 7.63 | 48 | 0.06 | 0.27 | 40 | 121 | 1208 | 179 | 1509 | 200 | 16 |
| 16 | 800 | 0.00 | 83 | 0.00 | 3.13 | 12 | 2436 | 74 | 5.1 | 72 | 0.16 | 0.12 | 0.09 | 7.69 | 48 | 0.06 | 0.27 | 40 | 121 | 1265 | 180 | 1566 | 800 | 16 |
| 16 | 1400 | 0.00 | 83 | 0.00 | 3.19 | 12 | 2441 | 74 | 5.1 | 71 | 0.16 | 0.12 | 0.09 | 7.76 | 48 | 0.06 | 0.27 | 39 | 121 | 1321 | 180 | 1624 | 1400 | 16 |
| 16 | 2000 | 0.00 | 83 | 0.00 | 3.25 | 12 | 2445 | 73 | 5.1 | 71 | 0.17 | 0.12 | 0.09 | 7.82 | 48 | 0.06 | 0.27 | 39 | 121 | 1378 | 181 | 1682 | 2000 | 16 |
| 17 | 200 | 0.00 | 83 | 0.00 | 3.30 | 12 | 2450 | 73 | 5.1 | 71 | 0.17 | 0.12 | 0.09 | 7.88 | 48 | 0.06 | 0.28 | 39 | 121 | 1435 | 182 | 1740 | 200 | 17 |
| 17 | 800 | 0.00 | 83 | 0.00 | 3.36 | 12 | 2454 | 73 | 5.1 | 70 | 0.17 | 0.12 | 0.09 | 7.94 | 48 | 0.06 | 0.28 | 39 | 122 | 1491 | 183 | 1797 | 800 | 17 |
| 17 | 1400 | 0.00 | 83 | 0.00 | 3.42 | 13 | 2459 | 72 | 5.1 | 70 | 0.17 | 0.12 | 0.09 | 8.00 | 49 | 0.06 | 0.28 | 39 | 122 | 1548 | 184 | 1855 | 1400 | 17 |
| 17 | 2000 | 0.00 | 83 | 0.00 | 3.47 | 13 | 2464 | 72 | 5.1 | 70 | 0.17 | 0.12 | 0.09 | 8.06 | 49 | 0.06 | 0.28 | 39 | 122 | 1604 | 185 | 1912 | 2000 | 17 |
| 18 | 200 | 0.00 | 83 | 0.00 | 3.53 | 13 | 2468 | 72 | 5.1 | 69 | 0.17 | 0.12 | 0.09 | 8.12 | 49 | 0.06 | 0.28 | 38 | 122 | 1660 | 186 | 1969 | 200 | 18 |
| 18 | 800 | 0.00 | 83 | 0.00 | 3.59 | 13 | 2473 | 71 | 5.1 | 69 | 0.17 | 0.12 | 0.09 | 8.18 | 49 | 0.06 | 0.29 | 38 | 123 | 1715 | 186 | 2025 | 800 | 18 |
| 18 | 1400 | 0.00 | 83 | 0.00 | 3.64 | 13 | 2477 | 71 | 5.0 | 68 | 0.17 | 0.12 | 0.09 | 8.24 | 49 | 0.06 | 0.29 | 38 | 123 | 1770 | 187 | 2081 | 1400 | 18 |
| 18 | 2000 | 0.00 | 83 | 0.00 | 3.70 | 14 | 2482 | 71 | 5.0 | 68 | 0.17 | 0.11 | 0.09 | 8.30 | 49 | 0.06 | 0.29 | 38 | 123 | 1824 | 188 | 2137 | 2000 | 18 |
| 19 | 200 | 0.00 | 83 | 0.00 | 3.76 | 14 | 2486 | 70 | 5.0 | 68 | 0.17 | 0.11 | 0.09 | 8.36 | 50 | 0.06 | 0.29 | 38 | 124 | 1677 | 189 | 2191 | 200 | 19 |
| 19 | 800 | 0.00 | 83 | 0.00 | 3.81 | 14 | 2491 | 70 | 5.0 | 67 | 0.17 | 0.11 | 0.09 | 8.42 | 50 | 0.06 | 0.29 | 38 | 124 | 1930 | 190 | 2245 | 800 | 19 |
| 19 | 1400 | 0.00 | 83 | 0.00 | 3.87 | 14 | 2496 | 69 | 5.0 | 67 | 0.17 | 0.11 | 0.09 | 8.48 | 50 | 0.06 | 0.30 | 37 | 124 | 1982 | 190 | 2298 | 1400 | 19 |
| 19 | 2000 | 0.00 | 83 | 0.00 | 3.93 | 15 | 2500 | 69 | 5.0 | 67 | 0.17 | 0.11 | 0.09 | 8.54 | 50 | 0.06 | 0.30 | 37 | 125 | 2033 | 191 | 2351 | 2000 | 19 |
| 20 | 200 | 0.00 | 83 | 0.00 | 3.98 | 15 | 2505 | 69 | 5.0 | 66 | 0.17 | 0.11 | 0.09 | 8.60 | 50 | 0.06 | 0.30 | 37 | 125 | 2084 | 192 | 2402 | 200 | 20 |
| 20 | 800 | 0.00 | 83 | 0.00 | 4.04 | 15 | 2509 | 68 | 5.0 | 66 | 0.17 | 0.11 | 0.09 | 8.66 | 50 | 0.06 | 0.30 | 37 | 126 | 2133 | 193 | 2453 | 800 | 20 |
| 20 | 1400 | 0.00 | 83 | 0.00 | 4.10 | 15 | 2514 | 68 | 5.0 | 66 | 0.17 | 0.11 | 0.09 | 8.71 | 51 | 0.06 | 0.30 | 37 | 126 | 2182 | 194 | 2503 | 1400 | 20 |
| 20 | 2000 | 0.00 | 83 | 0.00 | 4.15 | 15 | 2519 | 68 | 5.0 | 65 | 0.17 | 0.11 | 0.09 | 8.77 | 51 | 0.06 | 0.31 | 37 | 127 | 2230 | 194 | 2552 | 2000 | 20 |
| 21 | 200 | 0.00 | 83 | 0.00 | 4.21 | 16 | 2523 | 67 | 5.0 | 65 | 0.17 | 0.11 | 0.09 | 8.83 | 51 | 0.06 | 0.31 | 37 | 127 | 2277 | 195 | 2600 | 200 | 21 |
| 21 | 800 | 0.00 | 83 | 0.00 | 4.27 | 16 | 2528 | 67 | 5.0 | 65 | 0.17 | 0.11 | 0.09 | 8.89 | 51 | 0.06 | 0.31 | 37 | 128 | 2322 | 196 | 2647 | 800 | 21 |
| 21 | 1400 | 0.00 | 83 | 0.00 | 4.32 | 16 | 2532 | 67 | 5.0 | 64 | 0.17 | 0.11 | 0.09 | 8.95 | 51 | 0.06 | 0.31 | 37 | 129 | 2367 | 196 | 2694 | 1400 | 21 |
| 21 | 2000 | 0.00 | 83 | 0.00 | 4.38 | 16 | 2537 | 66 | 4.9 | 64 | 0.17 | 0.11 | 0.09 | 9.01 | 51 | 0.06 | 0.31 | 36 | 129 | 2411 | 197 | 2739 | 2000 | 21 |
| 22 | 200 | 0.00 | 83 | 0.00 | 4.44 | 16 | 2542 | 66 | 4.9 | 64 | 0.17 | 0.11 | 0.09 | 9.07 | 52 | 0.06 | 0.32 | 36 | 130 | 2454 | 198 | 2783 | 200 | 22 |
| 22 | 800 | 0.00 | 83 | 0.00 | 4.50 | 17 | 2546 | 66 | 4.9 | 63 | 0.17 | 0.11 | 0.09 | 9.13 | 52 | 0.06 | 0.32 | 36 | 131 | 2496 | 198 | 2827 | 800 | 22 |
| 22 | 1400 | 0.00 | 83 | 0.00 | 4.55 | 17 | 2551 | 65 | 4.9 | 63 | 0.17 | 0.11 | 0.09 | 9.18 | 52 | 0.06 | 0.32 | 36 | 132 | 2538 | 199 | 2869 | 1400 | 22 |
| 22 | 2000 | 0.00 | 83 | 0.00 | 4.61 | 17 | 2555 | 65 | 4.9 | 63 | 0.17 | 0.11 | 0.09 | 9.24 | 52 | 0.06 | 0.32 | 36 | 132 | 2578 | 199 | 2911 | 2000 | 22 |
| 23 | 200 | 0.00 | 83 | 0.00 | 4.67 | 17 | 2560 | 65 | 4.9 | 62 | 0.18 | 0.11 | 0.09 | 9.30 | 52 | 0.06 | 0.32 | 36 | 133 | 2617 | 200 | 2952 | 200 | 23 |
| 23 | 800 | 0.00 | 83 | 0.00 | 4.72 | 17 | 2565 | 64 | 4.9 | 62 | 0.18 | 0.11 | 0.09 | 9.36 | 52 | 0.06 | 0.32 | 36 | 134 | 2655 | 200 | 2991 | 800 | 23 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.144 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 83 | 0.00 | 4.78 | 18 | 2569 | 64 | 4.9 | 61 | 0.18 | 0.11 | 0.09 | 9.42 | 53 | 0.06 | 0.33 | 36 | 135 | 2692 | 201 | 3030 | 1400 | 23 |
| 23 | 2000 | 0.00 | 83 | 0.00 | 4.84 | 18 | 2574 | 63 | 4.9 | 61 | 0.18 | 0.11 | 0.09 | 9.47 | 53 | 0.06 | 0.33 | 36 | 136 | 2729 | 201 | 3068 | 2000 | 23 |
| 24 | 200 | 0.00 | 83 | 0.00 | 4.89 | 18 | 2578 | 63 | 4.9 | 61 | 0.18 | 0.11 | 0.09 | 9.53 | 53 | 0.06 | 0.33 | 36 | 137 | 2764 | 202 | 3105 | 200 | 24 |
| 24 | 800 | 0.00 | 83 | 0.00 | 4.95 | 18 | 2583 | 63 | 4.9 | 60 | 0.18 | 0.11 | 0.09 | 9.59 | 53 | 0.06 | 0.33 | 36 | 139 | 2799 | 202 | 3141 | 800 | 24 |
| 24 | 1400 | 0.00 | 83 | 0.00 | 5.01 | 19 | 2588 | 62 | 4.9 | 60 | 0.18 | 0.11 | 0.09 | 9.65 | 53 | 0.06 | 0.33 | 35 | 140 | 2833 | 203 | 3177 | 1400 | 24 |
| 24 | 2000 | 0.00 | 83 | 0.00 | 5.06 | 19 | 2592 | 62 | 4.9 | 60 | 0.18 | 0.11 | 0.09 | 9.70 | 53 | 0.06 | 0.34 | 35 | 141 | 2866 | 203 | 3211 | 2000 | 24 |
| 25 | 200 | 0.00 | 83 | 0.00 | 5.12 | 19 | 2597 | 62 | 4.8 | 59 | 0.18 | 0.11 | 0.09 | 9.76 | 54 | 0.06 | 0.34 | 35 | 142 | 2898 | 203 | 3245 | 200 | 25 |
| 25 | 800 | 0.00 | 83 | 0.00 | 5.18 | 19 | 2601 | 61 | 4.8 | 59 | 0.18 | 0.11 | 0.09 | 9.82 | 54 | 0.06 | 0.34 | 35 | 144 | 2929 | 204 | 3278 | 800 | 25 |
| 25 | 1400 | 0.00 | 83 | 0.00 | 5.23 | 19 | 2606 | 61 | 4.8 | 59 | 0.18 | 0.10 | 0.09 | 9.87 | 54 | 0.06 | 0.34 | 35 | 145 | 2960 | 204 | 3311 | 1400 | 25 |
| 25 | 2000 | 0.00 | 83 | 0.00 | 5.29 | 20 | 2611 | 61 | 4.8 | 58 | 0.18 | 0.10 | 0.09 | 9.93 | 54 | 0.06 | 0.34 | 35 | 147 | 2990 | 204 | 3342 | 2000 | 25 |
| 26 | 200 | 0.00 | 83 | 0.00 | 5.35 | 20 | 2615 | 60 | 4.8 | 58 | 0.18 | 0.10 | 0.09 | 9.99 | 54 | 0.06 | 0.34 | 35 | 148 | 3019 | 205 | 3373 | 200 | 26 |
| 26 | 800 | 0.00 | 83 | 0.00 | 5.40 | 20 | 2620 | 60 | 4.8 | 58 | 0.18 | 0.10 | 0.09 | 10.04 | 54 | 0.06 | 0.35 | 35 | 150 | 3047 | 205 | 3404 | 800 | 26 |
| 26 | 1400 | 0.00 | 83 | 0.00 | 5.46 | 20 | 2624 | 60 | 4.8 | 57 | 0.18 | 0.10 | 0.09 | 10.10 | 55 | 0.06 | 0.35 | 35 | 152 | 3075 | 206 | 3434 | 1400 | 26 |
| 26 | 2000 | 0.00 | 83 | 0.00 | 5.52 | 20 | 2628 | 59 | 4.8 | 57 | 0.18 | 0.10 | 0.09 | 10.16 | 55 | 0.06 | 0.35 | 35 | 153 | 3102 | 207 | 3463 | 2000 | 26 |
| 27 | 200 | 0.00 | 83 | 0.00 | 5.57 | 21 | 2631 | 59 | 4.8 | 57 | 0.18 | 0.10 | 0.09 | 10.21 | 55 | 0.06 | 0.35 | 34 | 155 | 3128 | 207 | 3492 | 200 | 27 |
| 27 | 800 | 0.00 | 83 | 0.00 | 5.63 | 21 | 2634 | 59 | 4.8 | 56 | 0.18 | 0.10 | 0.09 | 10.27 | 55 | 0.06 | 0.35 | 34 | 157 | 3153 | 208 | 3520 | 800 | 27 |
| 27 | 1400 | 0.00 | 83 | 0.00 | 5.68 | 21 | 2638 | 59 | 4.7 | 56 | 0.18 | 0.10 | 0.09 | 10.32 | 55 | 0.06 | 0.36 | 34 | 159 | 3178 | 209 | 3548 | 1400 | 27 |
| 27 | 2000 | 0.00 | 83 | 0.00 | 5.74 | 21 | 2641 | 58 | 4.7 | 56 | 0.18 | 0.10 | 0.09 | 10.38 | 55 | 0.06 | 0.36 | 34 | 161 | 3203 | 210 | 3576 | 2000 | 27 |
| 28 | 200 | 0.00 | 83 | 0.00 | 5.80 | 21 | 2645 | 58 | 4.7 | 56 | 0.18 | 0.10 | 0.09 | 10.44 | 56 | 0.06 | 0.36 | 34 | 163 | 3226 | 212 | 3603 | 200 | 28 |
| 28 | 800 | 0.00 | 83 | 0.00 | 5.86 | 22 | 2648 | 58 | 4.7 | 55 | 0.18 | 0.10 | 0.09 | 10.49 | 56 | 0.06 | 0.36 | 34 | 166 | 3249 | 213 | 3629 | 800 | 28 |
| 28 | 1400 | 0.00 | 83 | 0.00 | 5.91 | 22 | 2652 | 58 | 4.7 | 55 | 0.18 | 0.10 | 0.09 | 10.55 | 56 | 0.06 | 0.36 | 34 | 168 | 3272 | 214 | 3656 | 1400 | 28 |
| 28 | 2000 | 0.00 | 83 | 0.00 | 5.97 | 22 | 2655 | 57 | 4.7 | 55 | 0.18 | 0.10 | 0.09 | 10.60 | 56 | 0.06 | 0.37 | 34 | 170 | 3294 | 216 | 3681 | 2000 | 28 |
| 29 | 200 | 0.00 | 83 | 0.00 | 6.03 | 22 | 2659 | 57 | 4.6 | 55 | 0.19 | 0.10 | 0.09 | 10.66 | 56 | 0.06 | 0.37 | 34 | 173 | 3315 | 217 | 3707 | 200 | 29 |
| 29 | 800 | 0.00 | 83 | 0.00 | 6.08 | 23 | 2662 | 57 | 4.6 | 54 | 0.19 | 0.10 | 0.09 | 10.71 | 56 | 0.06 | 0.37 | 34 | 175 | 3336 | 219 | 3731 | 800 | 29 |
| 29 | 1400 | 0.00 | 83 | 0.00 | 6.14 | 23 | 2665 | 57 | 4.6 | 54 | 0.19 | 0.10 | 0.09 | 10.77 | 56 | 0.06 | 0.37 | 34 | 178 | 3357 | 220 | 3756 | 1400 | 29 |
| 29 | 2000 | 0.00 | 83 | 0.00 | 6.20 | 23 | 2669 | 56 | 4.6 | 54 | 0.19 | 0.10 | 0.09 | 10.82 | 57 | 0.06 | 0.37 | 33 | 181 | 3376 | 222 | 3780 | 2000 | 29 |
| 30 | 200 | 0.00 | 83 | 0.00 | 6.25 | 23 | 2672 | 56 | 4.6 | 54 | 0.19 | 0.10 | 0.09 | 10.88 | 57 | 0.06 | 0.37 | 33 | 183 | 3396 | 223 | 3804 | 200 | 30 |
| 30 | 800 | 0.00 | 83 | 0.00 | 6.31 | 23 | 2676 | 56 | 4.6 | 53 | 0.19 | 0.10 | 0.09 | 10.93 | 57 | 0.06 | 0.38 | 33 | 186 | 3415 | 225 | 3827 | 800 | 30 |
| 30 | 1400 | 0.00 | 83 | 0.00 | 6.37 | 24 | 2679 | 56 | 4.5 | 53 | 0.19 | 0.10 | 0.09 | 10.99 | 57 | 0.06 | 0.38 | 33 | 189 | 3433 | 227 | 3850 | 1400 | 30 |
| 30 | 2000 | 0.00 | 83 | 0.00 | 6.42 | 24 | 2683 | 55 | 4.5 | 53 | 0.19 | 0.10 | 0.09 | 11.04 | 57 | 0.06 | 0.38 | 33 | 192 | 3451 | 229 | 3873 | 2000 | 30 |
| 31 | 200 | 0.00 | 83 | 0.00 | 6.48 | 24 | 2686 | 55 | 4.5 | 53 | 0.19 | 0.10 | 0.09 | 11.10 | 57 | 0.06 | 0.38 | 33 | 195 | 3468 | 230 | 3895 | 200 | 31 |
| 31 | 800 | 0.00 | 83 | 0.00 | 6.54 | 24 | 2690 | 55 | 4.5 | 52 | 0.19 | 0.10 | 0.09 | 11.15 | 58 | 0.06 | 0.38 | 33 | 199 | 3485 | 232 | 3917 | 800 | 31 |
| 31 | 1400 | 0.00 | 83 | 0.00 | 6.59 | 24 | 2693 | 54 | 4.5 | 52 | 0.19 | 0.10 | 0.09 | 11.20 | 58 | 0.06 | 0.39 | 33 | 202 | 3502 | 234 | 3939 | 1400 | 31 |
| 31 | 2000 | 0.00 | 83 | 0.00 | 6.65 | 25 | 2696 | 54 | 4.5 | 52 | 0.19 | 0.10 | 0.09 | 11.26 | 58 | 0.06 | 0.39 | 33 | 205 | 3518 | 235 | 3960 | 2000 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.172 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | RASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 83 | 0.00 | 6.71 | 25 | 2700 | 54 | 4.4 | 52 | 0.19 | 0.10 | 0.09 | 11.31 | 58 | 0.06 | 0.39 | 33 | 209 | 3533 | 237 | 3981 | 200 | 1 |
| 1 | 800 | 0.00 | 83 | 0.00 | 6.76 | 25 | 2703 | 54 | 4.4 | 51 | 0.19 | 0.10 | 0.15 | 11.36 | 58 | 0.06 | 0.39 | 32 | 212 | 3549 | 239 | 4001 | 800 | 1 |
| 1 | 1400 | 0.00 | 83 | 0.00 | 6.82 | 25 | 2707 | 53 | 4.4 | 51 | 0.19 | 0.10 | 0.15 | 11.40 | 58 | 0.06 | 0.39 | 32 | 216 | 3563 | 240 | 4021 | 1400 | 1 |
| 1 | 2000 | 0.00 | 83 | 0.00 | 6.88 | 25 | 2710 | 53 | 4.4 | 51 | 0.19 | 0.10 | 0.15 | 11.44 | 58 | 0.06 | 0.40 | 32 | 220 | 3578 | 242 | 4041 | 2000 | 1 |
| 2 | 200 | 0.00 | 83 | 0.00 | 6.93 | 26 | 2714 | 53 | 4.4 | 50 | 0.19 | 0.10 | 0.15 | 11.48 | 59 | 0.06 | 0.40 | 32 | 224 | 3592 | 244 | 4061 | 200 | 2 |
| 2 | 800 | 0.00 | 83 | 0.00 | 6.99 | 26 | 2717 | 53 | 4.4 | 50 | 0.19 | 0.10 | 0.15 | 11.52 | 59 | 0.06 | 0.40 | 32 | 228 | 3606 | 245 | 4080 | 800 | 2 |
| 2 | 1400 | 0.00 | 83 | 0.00 | 7.05 | 26 | 2720 | 52 | 4.3 | 50 | 0.19 | 0.10 | 0.15 | 11.56 | 59 | 0.06 | 0.40 | 32 | 232 | 3619 | 247 | 4099 | 1400 | 2 |
| 2 | 2000 | 0.00 | 83 | 0.00 | 7.10 | 26 | 2724 | 52 | 4.3 | 50 | 0.19 | 0.10 | 0.15 | 11.59 | 59 | 0.06 | 0.40 | 32 | 236 | 3632 | 248 | 4117 | 2000 | 2 |
| 3 | 200 | 0.00 | 83 | 0.00 | 7.16 | 27 | 2727 | 52 | 4.3 | 49 | 0.19 | 0.10 | 0.15 | 11.63 | 59 | 0.06 | 0.40 | 32 | 240 | 3644 | 249 | 4136 | 200 | 3 |
| 3 | 800 | 0.00 | 83 | 0.00 | 7.21 | 27 | 2731 | 52 | 4.3 | 49 | 0.19 | 0.09 | 0.15 | 11.67 | 59 | 0.06 | 0.41 | 32 | 245 | 3657 | 251 | 4154 | 800 | 3 |
| 3 | 1400 | 0.00 | 83 | 0.00 | 7.27 | 27 | 2734 | 51 | 4.3 | 49 | 0.19 | 0.09 | 0.15 | 11.71 | 59 | 0.06 | 0.41 | 32 | 249 | 3668 | 252 | 4171 | 1400 | 3 |
| 3 | 2000 | 0.00 | 83 | 0.00 | 7.33 | 27 | 2737 | 51 | 4.3 | 49 | 0.19 | 0.09 | 0.15 | 11.74 | 59 | 0.06 | 0.41 | 32 | 254 | 3680 | 253 | 4189 | 2000 | 3 |
| 4 | 200 | 0.00 | 92 | 0.00 | 7.40 | 27 | 2741 | 51 | 5.3 | 50 | 0.24 | 0.12 | 0.15 | 11.78 | 59 | 0.07 | 0.42 | 32 | 258 | 3691 | 255 | 4206 | 200 | 4 |
| 4 | 800 | 0.00 | 92 | 0.00 | 7.47 | 28 | 2745 | 50 | 5.3 | 50 | 0.24 | 0.12 | 0.15 | 11.84 | 60 | 0.07 | 0.43 | 31 | 263 | 3702 | 256 | 4223 | 800 | 4 |
| 4 | 1400 | 0.00 | 98 | 0.00 | 7.57 | 28 | 2750 | 50 | 7.5 | 50 | 0.35 | 0.17 | 0.15 | 11.90 | 60 | 0.10 | 0.45 | 31 | 268 | 3713 | 257 | 4239 | 1400 | 4 |
| 4 | 2000 | 0.00 | 98 | 0.00 | 7.68 | 28 | 2756 | 49 | 7.5 | 50 | 0.35 | 0.17 | 0.15 | 12.00 | 60 | 0.10 | 0.47 | 30 | 273 | 3723 | 258 | 4256 | 2000 | 4 |
| 5 | 200 | 0.00 | 100 | 0.00 | 7.83 | 29 | 2762 | 49 | 10.9 | 49 | 0.51 | 0.25 | 0.15 | 12.11 | 61 | 0.15 | 0.52 | 30 | 278 | 3734 | 261 | 4274 | 200 | 5 |
| 5 | 800 | 0.00 | 100 | 0.00 | 8.00 | 30 | 2771 | 48 | 12.0 | 49 | 0.57 | 0.28 | 0.15 | 12.27 | 61 | 0.17 | 0.57 | 29 | 283 | 3744 | 265 | 4293 | 800 | 5 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 8.22 | 30 | 2782 | 47 | 15.4 | 48 | 0.74 | 0.36 | 0.15 | 12.46 | 62 | 0.22 | 0.65 | 28 | 289 | 3753 | 273 | 4316 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 8.50 | 31 | 2795 | 46 | 18.8 | 47 | 0.93 | 0.43 | 0.15 | 12.71 | 64 | 0.28 | 0.75 | 26 | 294 | 3763 | 288 | 4347 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 8.79 | 33 | 2812 | 44 | 19.9 | 46 | 1.00 | 0.46 | 0.15 | 13.02 | 65 | 0.30 | 0.86 | 24 | 299 | 3772 | 317 | 4389 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 9.15 | 34 | 2830 | 43 | 23.2 | 44 | 1.20 | 0.53 | 0.15 | 13.34 | 67 | 0.35 | 1.01 | 22 | 305 | 3781 | 367 | 4454 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 9.54 | 35 | 2851 | 41 | 25.4 | 43 | 1.35 | 0.57 | 0.15 | 13.71 | 69 | 0.39 | 1.17 | 20 | 311 | 3790 | 453 | 4555 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 9.98 | 37 | 2875 | 39 | 27.6 | 41 | 1.51 | 0.62 | 0.15 | 14.12 | 71 | 0.43 | 1.36 | 18 | 316 | 3798 | 599 | 4715 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 10.47 | 39 | 2897 | 38 | 30.9 | 39 | 1.75 | 0.68 | 0.15 | 14.54 | 73 | 0.50 | 1.59 | 16 | 322 | 3807 | 835 | 4966 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 11.02 | 41 | 2918 | 36 | 33.1 | 37 | 1.94 | 0.73 | 0.15 | 15.00 | 75 | 0.55 | 1.85 | 14 | 328 | 3816 | 1208 | 5353 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 11.60 | 43 | 2941 | 34 | 35.3 | 36 | 2.16 | 0.77 | 0.15 | 15.47 | 75 | 0.58 | 2.14 | 11 | 334 | 3824 | 1772 | 5933 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 12.17 | 45 | 2965 | 32 | 34.6 | 34 | 2.23 | 0.76 | 0.15 | 16.01 | 75 | 0.57 | 2.43 | 10 | 341 | 3833 | 2597 | 6772 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 12.71 | 47 | 2989 | 30 | 33.7 | 32 | 2.28 | 0.73 | 0.15 | 16.56 | 75 | 0.55 | 2.71 | 10 | 347 | 3843 | 3752 | 7943 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 13.25 | 49 | 3036 | 29 | 33.6 | 30 | 2.37 | 0.72 | 0.15 | 17.12 | 75 | 0.54 | 2.99 | 10 | 353 | 3853 | 5302 | 9509 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.01 | 13.77 | 51 | 3101 | 27 | 32.6 | 29 | 2.40 | 0.69 | 0.15 | 17.71 | 75 | 0.52 | 3.26 | 10 | 360 | 3864 | 7290 | 11515 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.01 | 14.26 | 53 | 3163 | 25 | 32.5 | 27 | 2.46 | 0.67 | 0.15 | 18.31 | 75 | 0.50 | 3.53 | 10 | 366 | 3876 | 9717 | 13961 | 2000 | 8 |
| 9 | 200 | 0.03 | 100 | 0.04 | 14.73 | 55 | 3224 | 24 | 31.8 | 25 | 2.46 | 0.65 | 0.15 | 18.93 | 75 | 0.49 | 3.78 | 10 | 373 | 3889 | 12535 | 16798 | 200 | 9 |
| 9 | 800 | 0.03 | 100 | 0.06 | 15.17 | 56 | 3280 | 22 | 31.7 | 24 | 2.50 | 0.62 | 0.15 | 19.56 | 75 | 0.47 | 4.03 | 10 | 380 | 3905 | 15641 | 19928 | 800 | 9 |
| 9 | 1400 | 0.03 | 100 | 0.08 | 15.59 | 58 | 3335 | 21 | 31.1 | 22 | 2.49 | 0.58 | 0.15 | 20.19 | 75 | 0.44 | 4.26 | 10 | 387 | 3923 | 18899 | 23210 | 1400 | 9 |
| 9 | 2000 | 0.03 | 100 | 0.10 | 15.99 | 59 | 3385 | 20 | 31.0 | 21 | 2.52 | 0.56 | 0.15 | 20.83 | 75 | 0.42 | 4.49 | 10 | 394 | 3944 | 22150 | 26489 | 2000 | 9 |
| 10 | 200 | 0.09 | 100 | 0.17 | 16.36 | 61 | 3430 | 19 | 30.0 | 20 | 2.48 | 0.58 | 0.15 | 21.47 | 75 | 0.44 | 4.69 | 10 | 401 | 3968 | 25243 | 29613 | 200 | 10 |
| 10 | 800 | 0.10 | 100 | 0.24 | 16.72 | 62 | 3456 | 19 | 29.9 | 19 | 2.51 | 0.58 | 0.15 | 22.11 | 75 | 0.43 | 4.88 | 10 | 408 | 3996 | 28046 | 32450 | 800 | 10 |
| 10 | 1400 | 0.10 | 100 | 0.32 | 17.07 | 63 | 3480 | 18 | 29.7 | 18 | 2.52 | 0.56 | 0.15 | 22.76 | 75 | 0.42 | 5.07 | 10 | 415 | 4028 | 30461 | 34905 | 1400 | 10 |
| 10 | 2000 | 0.10 | 100 | 0.39 | 17.41 | 64 | 3504 | 17 | 29.6 | 18 | 2.55 | 0.55 | 0.15 | 23.42 | 75 | 0.41 | 5.25 | 10 | 422 | 4065 | 32433 | 36921 | 2000 | 10 |
| 11 | 200 | 0.07 | 100 | 0.44 | 17.73 | 66 | 3527 | 17 | 28.7 | 17 | 2.50 | 0.50 | 0.15 | 24.08 | 75 | 0.38 | 5.40 | 10 | 430 | 4107 | 33945 | 38483 | 200 | 11 |
| 11 | 800 | 0.07 | 100 | 0.50 | 18.05 | 67 | 3549 | 16 | 28.6 | 17 | 2.52 | 0.49 | 0.15 | 24.71 | 75 | 0.37 | 5.56 | 10 | 437 | 4154 | 35018 | 39611 | 800 | 11 |
| 11 | 1400 | 0.11 | 100 | 0.58 | 18.35 | 68 | 3571 | 16 | 28.4 | 16 | 2.53 | 0.51 | 0.15 | 25.36 | 75 | 0.38 | 5.70 | 10 | 445 | 4208 | 35699 | 40353 | 1400 | 11 |
| 11 | 2000 | 0.25 | 100 | 0.77 | 18.65 | 69 | 3591 | 15 | 28.3 | 16 | 2.55 | 0.65 | 0.15 | 26.02 | 75 | 0.49 | 5.88 | 10 | 452 | 4268 | 36046 | 40768 | 2000 | 11 |



FORM 1413-C PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.367 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.09 | 100 | 0.83 | 18.91 | 70 | 3612 | 15 | 26.0 | 15 | 2.36 | 0.44 | 0.15 | 26.73 | 75 | 0.33 | 5.97 | 10 | 460 | 4334 | 36120 | 40916 | 200 | 12 |
| 12 | 800 | 0.09 | 100 | 0.90 | 19.16 | 71 | 3630 | 14 | 24.8 | 15 | 2.28 | 0.42 | 0.15 | 27.33 | 75 | 0.31 | 6.05 | 10 | 468 | 4407 | 35981 | 40858 | 800 | 12 |
| 12 | 1400 | 0.12 | 100 | 0.98 | 19.39 | 72 | 3647 | 14 | 23.6 | 14 | 2.19 | 0.42 | 0.15 | 27.92 | 75 | 0.32 | 6.11 | 10 | 476 | 4487 | 35686 | 40651 | 1400 | 12 |
| 12 | 2000 | 0.29 | 100 | 1.20 | 19.61 | 73 | 3662 | 13 | 22.5 | 14 | 2.09 | 0.57 | 0.15 | 28.49 | 75 | 0.43 | 6.17 | 10 | 484 | 4574 | 35285 | 40345 | 2000 | 12 |
| 13 | 200 | 0.12 | 100 | 1.28 | 19.82 | 73 | 3677 | 13 | 22.4 | 13 | 2.11 | 0.39 | 0.15 | 29.09 | 75 | 0.30 | 6.21 | 10 | 492 | 4668 | 34816 | 39977 | 200 | 13 |
| 13 | 800 | 0.12 | 100 | 1.37 | 20.02 | 74 | 3691 | 13 | 22.4 | 13 | 2.12 | 0.39 | 0.15 | 29.64 | 75 | 0.29 | 6.25 | 10 | 500 | 4769 | 34297 | 39568 | 800 | 13 |
| 13 | 1400 | 0.15 | 100 | 1.49 | 20.22 | 75 | 3705 | 12 | 22.4 | 13 | 2.13 | 0.42 | 0.15 | 30.19 | 75 | 0.32 | 6.29 | 10 | 509 | 4876 | 33736 | 39121 | 1400 | 13 |
| 13 | 2000 | 0.39 | 100 | 1.78 | 20.42 | 76 | 3719 | 12 | 22.4 | 12 | 2.14 | 0.65 | 0.15 | 30.76 | 75 | 0.49 | 6.38 | 10 | 517 | 4989 | 33130 | 38637 | 2000 | 13 |
| 14 | 200 | 0.14 | 100 | 1.89 | 20.60 | 76 | 3732 | 12 | 21.4 | 12 | 2.06 | 0.38 | 0.15 | 31.40 | 75 | 0.29 | 6.40 | 10 | 525 | 5108 | 32481 | 38117 | 200 | 14 |
| 14 | 800 | 0.14 | 100 | 1.99 | 20.78 | 77 | 3745 | 11 | 21.4 | 11 | 2.07 | 0.38 | 0.15 | 31.95 | 75 | 0.28 | 6.42 | 10 | 534 | 5233 | 31797 | 37565 | 800 | 14 |
| 14 | 1400 | 0.19 | 100 | 2.13 | 20.95 | 78 | 3757 | 11 | 21.4 | 11 | 2.08 | 0.42 | 0.15 | 32.50 | 75 | 0.31 | 6.45 | 10 | 542 | 5363 | 31095 | 37002 | 1400 | 14 |
| 14 | 2000 | 0.47 | 100 | 2.48 | 21.12 | 78 | 3769 | 11 | 21.4 | 11 | 2.09 | 0.70 | 0.15 | 33.07 | 75 | 0.52 | 6.53 | 10 | 551 | 5497 | 30402 | 36452 | 2000 | 14 |
| 15 | 200 | 0.24 | 100 | 2.66 | 21.30 | 79 | 3780 | 10 | 22.5 | 11 | 2.22 | 0.47 | 0.15 | 33.71 | 75 | 0.35 | 6.59 | 10 | 560 | 5636 | 29748 | 35945 | 200 | 15 |
| 15 | 800 | 0.24 | 100 | 2.84 | 21.47 | 80 | 3792 | 10 | 22.5 | 10 | 2.23 | 0.46 | 0.15 | 34.32 | 75 | 0.35 | 6.64 | 10 | 568 | 5777 | 29156 | 35503 | 800 | 15 |
| 15 | 1400 | 0.31 | 100 | 3.07 | 21.63 | 80 | 3804 | 10 | 22.5 | 10 | 2.24 | 0.53 | 0.15 | 34.94 | 75 | 0.40 | 6.71 | 10 | 577 | 5922 | 28644 | 35144 | 1400 | 15 |
| 15 | 2000 | 0.78 | 100 | 3.66 | 21.80 | 81 | 3815 | 9 | 22.4 | 10 | 2.25 | 1.00 | 0.15 | 35.58 | 75 | 0.75 | 6.86 | 10 | 586 | 6068 | 28234 | 34890 | 2000 | 15 |
| 16 | 200 | 0.43 | 100 | 3.98 | 21.94 | 81 | 3826 | 9 | 21.0 | 9 | 2.11 | 0.62 | 0.15 | 36.33 | 75 | 0.47 | 6.91 | 10 | 595 | 6216 | 27950 | 34763 | 200 | 16 |
| 16 | 800 | 0.18 | 100 | 4.11 | 22.07 | 82 | 3836 | 9 | 18.6 | 9 | 1.88 | 0.35 | 0.15 | 36.97 | 75 | 0.26 | 6.87 | 10 | 604 | 6365 | 27820 | 34790 | 800 | 16 |
| 16 | 1400 | 0.12 | 100 | 4.21 | 22.19 | 82 | 3845 | 9 | 18.5 | 9 | 1.87 | 0.29 | 0.15 | 37.48 | 75 | 0.22 | 6.82 | 10 | 613 | 6513 | 27875 | 35003 | 1400 | 16 |
| 16 | 2000 | 0.12 | 100 | 4.30 | 22.32 | 83 | 3854 | 8 | 19.6 | 9 | 1.99 | 0.30 | 0.15 | 37.97 | 75 | 0.22 | 6.80 | 10 | 623 | 6662 | 28144 | 35429 | 2000 | 16 |
| 17 | 200 | 0.29 | 100 | 4.52 | 22.45 | 83 | 3862 | 8 | 19.8 | 8 | 2.01 | 0.46 | 0.15 | 38.49 | 75 | 0.35 | 6.81 | 10 | 632 | 6809 | 28620 | 36062 | 200 | 17 |
| 17 | 800 | 0.12 | 100 | 4.61 | 22.57 | 84 | 3871 | 8 | 19.7 | 8 | 2.01 | 0.28 | 0.15 | 39.06 | 75 | 0.21 | 6.79 | 10 | 641 | 6954 | 29237 | 36834 | 800 | 17 |
| 17 | 1400 | 0.09 | 100 | 4.67 | 22.69 | 84 | 3879 | 8 | 19.6 | 8 | 2.00 | 0.24 | 0.15 | 39.59 | 75 | 0.18 | 6.77 | 10 | 651 | 7097 | 29869 | 37617 | 1400 | 17 |
| 17 | 2000 | 0.09 | 100 | 4.74 | 22.81 | 84 | 3887 | 8 | 19.5 | 8 | 2.00 | 0.24 | 0.15 | 40.10 | 75 | 0.18 | 6.75 | 10 | 660 | 7237 | 30361 | 38259 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 4.74 | 22.92 | 85 | 3895 | 7 | 20.6 | 7 | 2.12 | 0.16 | 0.15 | 40.60 | 75 | 0.12 | 6.73 | 10 | 670 | 7373 | 30581 | 38625 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 4.74 | 23.04 | 85 | 3903 | 7 | 20.5 | 7 | 2.11 | 0.15 | 0.15 | 41.10 | 75 | 0.12 | 6.71 | 10 | 679 | 7506 | 30443 | 38630 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 4.74 | 23.15 | 86 | 3911 | 7 | 20.4 | 7 | 2.11 | 0.15 | 0.15 | 41.60 | 75 | 0.11 | 6.70 | 10 | 689 | 7635 | 29919 | 38244 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 4.74 | 23.26 | 86 | 3919 | 7 | 20.4 | 7 | 2.11 | 0.14 | 0.15 | 42.09 | 75 | 0.11 | 6.68 | 10 | 699 | 7759 | 29022 | 37481 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 4.74 | 23.38 | 87 | 3926 | 7 | 23.5 | 7 | 2.44 | 0.16 | 0.15 | 42.59 | 75 | 0.12 | 6.73 | 10 | 708 | 7878 | 27798 | 36386 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 4.74 | 23.51 | 87 | 3935 | 6 | 25.7 | 6 | 2.68 | 0.17 | 0.15 | 43.17 | 75 | 0.13 | 6.81 | 10 | 718 | 7992 | 26308 | 35020 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 4.74 | 23.65 | 88 | 3943 | 6 | 28.0 | 6 | 2.92 | 0.18 | 0.15 | 43.81 | 75 | 0.14 | 6.94 | 10 | 728 | 8101 | 24624 | 33455 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 4.74 | 23.79 | 88 | 3953 | 6 | 30.4 | 6 | 3.18 | 0.19 | 0.15 | 44.51 | 75 | 0.14 | 7.11 | 10 | 738 | 8204 | 22824 | 31768 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 4.74 | 23.93 | 89 | 3962 | 6 | 31.5 | 6 | 3.30 | 0.19 | 0.15 | 45.29 | 75 | 0.14 | 7.29 | 10 | 748 | 8302 | 20991 | 30042 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 4.74 | 24.07 | 89 | 3972 | 5 | 31.4 | 5 | 3.31 | 0.18 | 0.15 | 46.10 | 75 | 0.14 | 7.46 | 10 | 758 | 8394 | 19204 | 28358 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 4.74 | 24.20 | 90 | 3981 | 5 | 31.3 | 5 | 3.31 | 0.17 | 0.15 | 46.90 | 75 | 0.13 | 7.62 | 10 | 768 | 8480 | 17539 | 26788 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 4.74 | 24.32 | 90 | 3990 | 5 | 31.2 | 5 | 3.31 | 0.16 | 0.15 | 47.71 | 75 | 0.12 | 7.77 | 10 | 779 | 8559 | 16053 | 25392 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 4.74 | 24.45 | 91 | 3998 | 5 | 35.5 | 5 | 3.77 | 0.18 | 0.15 | 48.51 | 75 | 0.13 | 8.00 | 10 | 789 | 8633 | 14786 | 24209 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 4.74 | 24.58 | 91 | 4044 | 4 | 35.4 | 4 | 3.77 | 0.17 | 0.15 | 49.44 | 75 | 0.13 | 8.21 | 10 | 799 | 8700 | 13753 | 23254 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 4.74 | 24.70 | 91 | 4094 | 4 | 35.3 | 4 | 3.77 | 0.16 | 0.15 | 50.37 | 75 | 0.12 | 8.41 | 10 | 810 | 8761 | 12947 | 22519 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 4.74 | 24.82 | 92 | 4141 | 4 | 35.2 | 4 | 3.78 | 0.15 | 0.15 | 51.29 | 75 | 0.11 | 8.60 | 10 | 820 | 8815 | 12345 | 21982 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 4.74 | 24.93 | 92 | 4187 | 4 | 37.5 | 4 | 4.02 | 0.15 | 0.15 | 52.22 | 75 | 0.12 | 8.83 | 10 | 830 | 8863 | 11912 | 21607 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 4.74 | 25.04 | 93 | 4232 | 4 | 37.4 | 4 | 4.03 | 0.15 | 0.15 | 53.21 | 75 | 0.11 | 9.00 | 10 | 841 | 8905 | 11610 | 21358 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 4.74 | 25.15 | 93 | 4275 | 3 | 37.3 | 3 | 4.03 | 0.14 | 0.15 | 54.20 | 75 | 0.10 | 9.00 | 10 | 852 | 8940 | 11404 | 21197 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 4.74 | 25.25 | 94 | 4316 | 3 | 37.2 | 3 | 4.03 | 0.13 | 0.15 | 55.19 | 75 | 0.10 | 9.00 | 10 | 862 | 8968 | 11260 | 21092 | 2000 | 22 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 34.0 TYONE RIVER BASIN 1047 SQ MI

| RUN DATE | RUN NO. | INITIAL DATE, HOUR | JOB DESCRIPTION |
|---|---|---|---|
| | 310881 | 1 MAY 1972 1400 | 0 SUSITNA HEP SPRING PMF |

N.P.D., CORPS OF ENGINEERS

ETI = 0.15 IN./DAY, MELT RATE = 0.435 IN./DEGREE-DAY, AREA = 1047.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 4.74 | 25.34 | 94 | 4355 | 3 | 36.0 | 3 | 3.91 | 0.12 | 0.15 | 56.17 | 75 | 0.09 | 9.00 | 10 | 873 | 8990 | 11151 | 21015 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 4.74 | 25.42 | 94 | 4390 | 3 | 36.0 | 3 | 3.91 | 0.11 | 0.15 | 57.12 | 75 | 0.09 | 9.00 | 10 | 884 | 9005 | 11055 | 20945 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 4.74 | 25.50 | 94 | 4424 | 3 | 35.9 | 3 | 3.91 | 0.11 | 0.15 | 58.07 | 75 | 0.08 | 9.00 | 10 | 895 | 9013 | 10953 | 20862 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 4.74 | 25.58 | 95 | 4456 | 3 | 35.9 | 3 | 3.91 | 0.10 | 0.15 | 59.02 | 75 | 0.08 | 9.00 | 10 | 906 | 9014 | 10834 | 20755 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 4.74 | 25.64 | 95 | 4486 | 2 | 28.9 | 2 | 3.16 | 0.08 | 0.15 | 59.97 | 75 | 0.06 | 9.00 | 10 | 917 | 9008 | 10686 | 20612 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 4.74 | 25.69 | 95 | 4509 | 2 | 28.9 | 2 | 3.16 | 0.07 | 0.15 | 60.71 | 75 | 0.06 | 9.00 | 10 | 928 | 8996 | 10503 | 20428 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 4.74 | 25.75 | 95 | 4531 | 2 | 28.8 | 2 | 3.16 | 0.07 | 0.15 | 61.46 | 75 | 0.05 | 9.00 | 10 | 939 | 8976 | 10281 | 20197 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 4.74 | 25.80 | 96 | 4552 | 2 | 28.8 | 2 | 3.16 | 0.07 | 0.15 | 62.20 | 75 | 0.05 | 9.00 | 10 | 950 | 8950 | 10016 | 19917 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 4.74 | 25.84 | 96 | 4572 | 2 | 25.3 | 2 | 2.78 | 0.06 | 0.15 | 62.94 | 75 | 0.04 | 8.96 | 10 | 961 | 8917 | 9708 | 19587 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 4.74 | 25.88 | 96 | 4589 | 2 | 25.3 | 2 | 2.78 | 0.06 | 0.15 | 63.59 | 75 | 0.04 | 8.92 | 10 | 972 | 8877 | 9356 | 19206 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 4.74 | 25.92 | 96 | 4605 | 2 | 25.3 | 2 | 2.78 | 0.05 | 0.15 | 64.23 | 75 | 0.04 | 8.88 | 10 | 983 | 8830 | 8962 | 18778 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 4.74 | 25.96 | 96 | 4621 | 2 | 25.2 | 2 | 2.78 | 0.05 | 0.15 | 64.87 | 75 | 0.04 | 8.84 | 10 | 995 | 8777 | 8532 | 18306 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 4.74 | 26.00 | 96 | 4636 | 2 | 24.1 | 2 | 2.65 | 0.05 | 0.15 | 65.51 | 75 | 0.04 | 8.78 | 10 | 1006 | 8718 | 8073 | 17798 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 4.74 | 26.03 | 96 | 4650 | 2 | 24.0 | 2 | 2.65 | 0.05 | 0.15 | 66.11 | 75 | 0.03 | 8.72 | 10 | 1018 | 8651 | 7593 | 17264 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 4.74 | 26.07 | 97 | 4663 | 2 | 24.0 | 2 | 2.65 | 0.04 | 0.15 | 66.71 | 75 | 0.03 | 8.67 | 10 | 1029 | 8579 | 7104 | 16714 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 4.74 | 26.10 | 97 | 4676 | 2 | 24.0 | 2 | 2.65 | 0.04 | 0.15 | 67.32 | 75 | 0.03 | 8.62 | 10 | 1041 | 8500 | 6616 | 16159 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 4.74 | 26.13 | 97 | 4689 | 2 | 22.8 | 2 | 2.52 | 0.04 | 0.15 | 67.92 | 75 | 0.03 | 8.54 | 10 | 1052 | 8416 | 6140 | 15610 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 4.74 | 26.15 | 97 | 4700 | 2 | 22.8 | 1 | 2.52 | 0.04 | 0.15 | 68.48 | 75 | 0.03 | 8.47 | 10 | 1064 | 8326 | 5684 | 15076 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 4.74 | 26.18 | 97 | 4711 | 1 | 22.8 | 1 | 2.52 | 0.04 | 0.15 | 69.05 | 75 | 0.03 | 8.41 | 10 | 1076 | 8230 | 5255 | 14563 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 4.74 | 26.21 | 97 | 4722 | 1 | 22.8 | 1 | 2.52 | 0.03 | 0.15 | 69.61 | 75 | 0.03 | 8.34 | 10 | 1088 | 8129 | 4858 | 14076 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 4.74 | 26.23 | 97 | 4732 | 1 | 22.8 | 1 | 2.52 | 0.03 | 0.15 | 70.18 | 75 | 0.03 | 8.28 | 10 | 1100 | 8023 | 4493 | 13617 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 4.74 | 26.26 | 97 | 4742 | 1 | 22.7 | 1 | 2.52 | 0.03 | 0.15 | 70.74 | 75 | 0.02 | 8.22 | 10 | 1111 | 7912 | 4163 | 13188 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 4.74 | 26.28 | 97 | 4752 | 1 | 22.7 | 1 | 2.52 | 0.03 | 0.15 | 71.30 | 75 | 0.02 | 8.16 | 10 | 1123 | 7797 | 3864 | 12786 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 4.74 | 26.30 | 97 | 4761 | 1 | 22.7 | 1 | 2.52 | 0.03 | 0.15 | 71.85 | 75 | 0.02 | 8.11 | 10 | 1135 | 7677 | 3597 | 12411 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 4.74 | 26.32 | 97 | 4770 | 1 | 21.5 | 1 | 2.39 | 0.03 | 0.15 | 72.41 | 75 | 0.02 | 8.03 | 10 | 1148 | 7554 | 3358 | 12061 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 4.74 | 26.34 | 98 | 4778 | 1 | 21.5 | 1 | 2.39 | 0.03 | 0.15 | 72.93 | 75 | 0.02 | 7.96 | 10 | 1160 | 7427 | 3144 | 11732 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 4.74 | 26.36 | 98 | 4786 | 1 | 21.5 | 1 | 2.39 | 0.03 | 0.15 | 73.45 | 75 | 0.02 | 7.89 | 10 | 1172 | 7296 | 2953 | 11423 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 4.74 | 26.38 | 98 | 4794 | 1 | 21.5 | 1 | 2.39 | 0.03 | 0.15 | 73.97 | 75 | 0.02 | 7.83 | 10 | 1184 | 7163 | 2783 | 11131 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 4.74 | 26.40 | 98 | 4801 | 1 | 20.3 | 1 | 2.26 | 0.02 | 0.15 | 74.49 | 75 | 0.02 | 7.74 | 10 | 1196 | 7026 | 2630 | 10854 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 4.74 | 26.42 | 98 | 4808 | 1 | 20.3 | 1 | 2.26 | 0.02 | 0.15 | 74.97 | 75 | 0.02 | 7.66 | 10 | 1209 | 6888 | 2492 | 10590 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 4.74 | 26.43 | 98 | 4814 | 1 | 20.3 | 1 | 2.26 | 0.02 | 0.15 | 75.46 | 75 | 0.02 | 7.59 | 10 | 1221 | 6747 | 2366 | 10336 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.15 | 4.00 | 0 | 0.00 | 0.03 | 0 | 130 | 20 | 8 | 158 | 1400 | 1 |
| 1 | 2000 | 0.00 | 34 | 0.00 | 0.02 | 0 | 1910 | 100 | 3.3 | 62 | 0.08 | 0.05 | 0.09 | 4.00 | 32 | 0.02 | 0.03 | 57 | 130 | 25 | 13 | 169 | 2000 | 1 |
| 2 | 200 | 0.00 | 34 | 0.00 | 0.03 | 0 | 1941 | 100 | 3.3 | 62 | 0.08 | 0.05 | 0.09 | 4.01 | 32 | 0.02 | 0.03 | 57 | 130 | 52 | 23 | 206 | 200 | 2 |
| 2 | 800 | 0.00 | 34 | 0.00 | 0.05 | 0 | 1972 | 100 | 3.3 | 62 | 0.08 | 0.05 | 0.09 | 4.02 | 32 | 0.02 | 0.04 | 57 | 130 | 111 | 26 | 269 | 800 | 2 |
| 2 | 1400 | 0.00 | 34 | 0.00 | 0.07 | 0 | 2000 | 100 | 3.3 | 62 | 0.08 | 0.05 | 0.09 | 4.04 | 32 | 0.02 | 0.04 | 56 | 130 | 193 | 27 | 352 | 1400 | 2 |
| 2 | 2000 | 0.00 | 34 | 0.00 | 0.08 | 0 | 2005 | 100 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.05 | 32 | 0.02 | 0.04 | 56 | 130 | 279 | 28 | 438 | 2000 | 2 |
| 3 | 200 | 0.00 | 34 | 0.00 | 0.10 | 0 | 2009 | 100 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.06 | 32 | 0.02 | 0.04 | 56 | 131 | 355 | 28 | 515 | 200 | 3 |
| 3 | 800 | 0.00 | 34 | 0.00 | 0.11 | 0 | 2014 | 100 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.07 | 33 | 0.02 | 0.04 | 56 | 131 | 415 | 28 | 576 | 800 | 3 |
| 3 | 1400 | 0.00 | 34 | 0.00 | 0.13 | 0 | 2019 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.08 | 33 | 0.02 | 0.04 | 56 | 132 | 459 | 28 | 621 | 1400 | 3 |
| 3 | 2000 | 0.00 | 34 | 0.00 | 0.15 | 0 | 2023 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.10 | 33 | 0.02 | 0.04 | 56 | 134 | 490 | 28 | 654 | 2000 | 3 |
| 4 | 200 | 0.00 | 34 | 0.00 | 0.16 | 0 | 2028 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.11 | 33 | 0.02 | 0.05 | 56 | 136 | 511 | 28 | 677 | 200 | 4 |
| 4 | 800 | 0.00 | 34 | 0.00 | 0.18 | 0 | 2032 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.12 | 33 | 0.02 | 0.05 | 55 | 138 | 525 | 29 | 693 | 800 | 4 |
| 4 | 1400 | 0.00 | 34 | 0.00 | 0.20 | 0 | 2037 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.13 | 33 | 0.02 | 0.05 | 55 | 141 | 534 | 29 | 705 | 1400 | 4 |
| 4 | 2000 | 0.00 | 34 | 0.00 | 0.21 | 0 | 2041 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.14 | 33 | 0.02 | 0.05 | 55 | 144 | 541 | 29 | 715 | 2000 | 4 |
| 5 | 200 | 0.00 | 34 | 0.00 | 0.23 | 0 | 2046 | 99 | 3.2 | 62 | 0.08 | 0.05 | 0.09 | 4.15 | 33 | 0.02 | 0.05 | 55 | 148 | 546 | 29 | 724 | 200 | 5 |
| 5 | 800 | 0.00 | 34 | 0.00 | 0.25 | 0 | 2050 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.16 | 33 | 0.02 | 0.05 | 55 | 152 | 549 | 29 | 732 | 800 | 5 |
| 5 | 1400 | 0.00 | 34 | 0.00 | 0.26 | 0 | 2055 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.17 | 33 | 0.02 | 0.05 | 55 | 157 | 552 | 29 | 740 | 1400 | 5 |
| 5 | 2000 | 0.00 | 34 | 0.00 | 0.28 | 0 | 2060 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.19 | 33 | 0.02 | 0.05 | 55 | 163 | 555 | 29 | 748 | 2000 | 5 |
| 6 | 200 | 0.00 | 34 | 0.00 | 0.30 | 1 | 2064 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.20 | 34 | 0.02 | 0.05 | 55 | 169 | 557 | 29 | 757 | 200 | 6 |
| 6 | 800 | 0.00 | 34 | 0.00 | 0.31 | 1 | 2069 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.21 | 34 | 0.02 | 0.05 | 55 | 175 | 559 | 29 | 766 | 800 | 6 |
| 6 | 1400 | 0.00 | 34 | 0.00 | 0.33 | 1 | 2073 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.22 | 34 | 0.02 | 0.06 | 55 | 182 | 561 | 29 | 775 | 1400 | 6 |
| 6 | 2000 | 0.00 | 34 | 0.00 | 0.35 | 1 | 2078 | 99 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.23 | 34 | 0.02 | 0.06 | 54 | 190 | 563 | 30 | 784 | 2000 | 6 |
| 7 | 200 | 0.00 | 34 | 0.00 | 0.36 | 1 | 2082 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.24 | 34 | 0.02 | 0.06 | 54 | 198 | 565 | 30 | 794 | 200 | 7 |
| 7 | 800 | 0.00 | 34 | 0.00 | 0.38 | 1 | 2087 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.25 | 34 | 0.02 | 0.06 | 54 | 206 | 567 | 30 | 804 | 800 | 7 |
| 7 | 1400 | 0.00 | 34 | 0.00 | 0.40 | 1 | 2092 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.26 | 34 | 0.02 | 0.06 | 54 | 215 | 568 | 30 | 814 | 1400 | 7 |
| 7 | 2000 | 0.00 | 34 | 0.00 | 0.41 | 1 | 2096 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.27 | 34 | 0.02 | 0.06 | 54 | 224 | 570 | 30 | 825 | 2000 | 7 |
| 8 | 200 | 0.00 | 34 | 0.00 | 0.43 | 1 | 2101 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.28 | 34 | 0.02 | 0.06 | 54 | 233 | 571 | 30 | 836 | 200 | 8 |
| 8 | 800 | 0.00 | 34 | 0.00 | 0.45 | 1 | 2105 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.29 | 34 | 0.02 | 0.06 | 54 | 243 | 573 | 30 | 847 | 800 | 8 |
| 8 | 1400 | 0.00 | 34 | 0.00 | 0.46 | 1 | 2110 | 98 | 3.2 | 61 | 0.08 | 0.05 | 0.09 | 4.30 | 34 | 0.02 | 0.06 | 54 | 253 | 574 | 30 | 859 | 1400 | 8 |
| 8 | 2000 | 0.00 | 34 | 0.00 | 0.48 | 1 | 2115 | 98 | 3.2 | 60 | 0.08 | 0.05 | 0.09 | 4.31 | 34 | 0.02 | 0.06 | 54 | 263 | 576 | 30 | 871 | 2000 | 8 |
| 9 | 200 | 0.00 | 34 | 0.00 | 0.50 | 1 | 2119 | 98 | 3.2 | 60 | 0.08 | 0.05 | 0.09 | 4.32 | 35 | 0.02 | 0.06 | 54 | 274 | 577 | 30 | 882 | 200 | 9 |
| 9 | 800 | 0.00 | 34 | 0.00 | 0.51 | 1 | 2124 | 98 | 3.2 | 60 | 0.08 | 0.05 | 0.09 | 4.33 | 35 | 0.02 | 0.06 | 54 | 285 | 578 | 30 | 894 | 800 | 9 |
| 9 | 1400 | 0.00 | 34 | 0.00 | 0.53 | 1 | 2129 | 98 | 3.2 | 60 | 0.08 | 0.05 | 0.09 | 4.34 | 35 | 0.02 | 0.06 | 54 | 295 | 579 | 30 | 906 | 1400 | 9 |
| 9 | 2000 | 0.00 | 34 | 0.00 | 0.55 | 1 | 2133 | 98 | 3.2 | 60 | 0.08 | 0.05 | 0.09 | 4.35 | 35 | 0.02 | 0.06 | 54 | 306 | 580 | 30 | 918 | 2000 | 9 |
| 10 | 200 | 0.00 | 34 | 0.00 | 0.57 | 1 | 2138 | 98 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.36 | 35 | 0.02 | 0.06 | 54 | 317 | 581 | 30 | 930 | 200 | 10 |
| 10 | 800 | 0.00 | 34 | 0.00 | 0.58 | 1 | 2143 | 98 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.37 | 35 | 0.02 | 0.06 | 54 | 328 | 583 | 30 | 943 | 800 | 10 |
| 10 | 1400 | 0.00 | 34 | 0.00 | 0.60 | 1 | 2147 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.38 | 35 | 0.02 | 0.06 | 54 | 339 | 584 | 30 | 955 | 1400 | 10 |
| 10 | 2000 | 0.00 | 34 | 0.00 | 0.62 | 1 | 2152 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.39 | 35 | 0.02 | 0.06 | 54 | 350 | 584 | 30 | 967 | 2000 | 10 |
| 11 | 200 | 0.00 | 34 | 0.00 | 0.63 | 1 | 2157 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.40 | 35 | 0.02 | 0.06 | 54 | 361 | 585 | 31 | 979 | 200 | 11 |
| 11 | 800 | 0.00 | 34 | 0.00 | 0.65 | 1 | 2161 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.41 | 35 | 0.02 | 0.06 | 54 | 372 | 586 | 31 | 990 | 800 | 11 |
| 11 | 1400 | 0.00 | 34 | 0.00 | 0.67 | 1 | 2166 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.42 | 35 | 0.02 | 0.07 | 54 | 383 | 587 | 31 | 1002 | 1400 | 11 |
| 11 | 2000 | 0.00 | 34 | 0.00 | 0.68 | 1 | 2171 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.43 | 35 | 0.02 | 0.07 | 53 | 394 | 588 | 31 | 1014 | 2000 | 11 |
| 12 | 200 | 0.00 | 34 | 0.00 | 0.70 | 1 | 2175 | 97 | 3.1 | 60 | 0.08 | 0.05 | 0.09 | 4.44 | 36 | 0.02 | 0.07 | 53 | 404 | 589 | 31 | 1025 | 200 | 12 |
| 12 | 800 | 0.00 | 34 | 0.00 | 0.72 | 1 | 2180 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.45 | 36 | 0.02 | 0.07 | 53 | 415 | 589 | 31 | 1037 | 800 | 12 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. 310881 | INITIAL DATE, HOUR 1 MAY 1972 1400 | JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF | N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.103 IN./DEGREE-DAY; AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 34 | 0.00 | 0.73 | 1 | 2185 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.46 | 36 | 0.02 | 0.07 | 53 | 425 | 590 | 31 | 1048 | 1400 | 12 |
| 12 | 2000 | 0.00 | 34 | 0.00 | 0.75 | 1 | 2189 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.47 | 36 | 0.02 | 0.07 | 53 | 435 | 591 | 31 | 1059 | 2000 | 12 |
| 13 | 200 | 0.00 | 34 | 0.00 | 0.77 | 1 | 2194 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.48 | 36 | 0.02 | 0.07 | 53 | 446 | 592 | 31 | 1069 | 200 | 13 |
| 13 | 800 | 0.00 | 34 | 0.00 | 0.79 | 1 | 2199 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.48 | 36 | 0.02 | 0.07 | 53 | 455 | 592 | 31 | 1080 | 800 | 13 |
| 13 | 1400 | 0.00 | 34 | 0.00 | 0.80 | 1 | 2203 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.49 | 36 | 0.02 | 0.07 | 53 | 465 | 593 | 31 | 1090 | 1400 | 13 |
| 13 | 2000 | 0.00 | 34 | 0.00 | 0.82 | 1 | 2208 | 97 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.50 | 36 | 0.02 | 0.07 | 53 | 474 | 593 | 31 | 1100 | 2000 | 13 |
| 14 | 200 | 0.00 | 34 | 0.00 | 0.84 | 1 | 2213 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.51 | 36 | 0.02 | 0.07 | 53 | 484 | 594 | 31 | 1110 | 200 | 14 |
| 14 | 800 | 0.00 | 34 | 0.00 | 0.85 | 1 | 2217 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.52 | 36 | 0.02 | 0.07 | 53 | 493 | 594 | 31 | 1120 | 800 | 14 |
| 14 | 1400 | 0.00 | 34 | 0.00 | 0.87 | 1 | 2222 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.53 | 36 | 0.02 | 0.07 | 53 | 501 | 595 | 31 | 1129 | 1400 | 14 |
| 14 | 2000 | 0.00 | 34 | 0.00 | 0.89 | 2 | 2227 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.54 | 36 | 0.02 | 0.07 | 53 | 510 | 595 | 31 | 1138 | 2000 | 14 |
| 15 | 200 | 0.00 | 34 | 0.00 | 0.90 | 2 | 2231 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.55 | 36 | 0.02 | 0.07 | 53 | 518 | 596 | 31 | 1147 | 200 | 15 |
| 15 | 800 | 0.00 | 34 | 0.00 | 0.92 | 2 | 2236 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.55 | 36 | 0.02 | 0.07 | 53 | 526 | 596 | 31 | 1155 | 800 | 15 |
| 15 | 1400 | 0.00 | 34 | 0.00 | 0.94 | 2 | 2241 | 96 | 3.1 | 59 | 0.08 | 0.05 | 0.09 | 4.56 | 36 | 0.02 | 0.07 | 53 | 534 | 597 | 31 | 1163 | 1400 | 15 |
| 15 | 2000 | 0.00 | 34 | 0.00 | 0.96 | 2 | 2245 | 96 | 3.1 | 58 | 0.08 | 0.05 | 0.09 | 4.57 | 37 | 0.02 | 0.07 | 53 | 542 | 597 | 31 | 1172 | 2000 | 15 |
| 16 | 200 | 0.00 | 34 | 0.00 | 0.97 | 2 | 2250 | 96 | 3.1 | 58 | 0.08 | 0.05 | 0.09 | 4.58 | 37 | 0.02 | 0.07 | 53 | 549 | 597 | 31 | 1179 | 200 | 16 |
| 16 | 800 | 0.00 | 34 | 0.00 | 0.99 | 2 | 2255 | 96 | 3.1 | 58 | 0.08 | 0.05 | 0.09 | 4.59 | 37 | 0.02 | 0.07 | 53 | 556 | 598 | 31 | 1187 | 800 | 16 |
| 16 | 1400 | 0.00 | 34 | 0.00 | 1.01 | 2 | 2259 | 96 | 3.1 | 58 | 0.08 | 0.05 | 0.09 | 4.60 | 37 | 0.02 | 0.07 | 53 | 563 | 598 | 31 | 1194 | 1400 | 16 |
| 16 | 2000 | 0.00 | 34 | 0.00 | 1.02 | 2 | 2264 | 96 | 3.1 | 58 | 0.08 | 0.05 | 0.09 | 4.60 | 37 | 0.02 | 0.07 | 53 | 570 | 598 | 31 | 1201 | 2000 | 16 |
| 17 | 200 | 0.00 | 34 | 0.00 | 1.04 | 2 | 2269 | 96 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.61 | 37 | 0.02 | 0.07 | 53 | 577 | 599 | 31 | 1208 | 200 | 17 |
| 17 | 800 | 0.00 | 34 | 0.00 | 1.06 | 2 | 2273 | 96 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.62 | 37 | 0.02 | 0.07 | 53 | 583 | 599 | 31 | 1214 | 800 | 17 |
| 17 | 1400 | 0.00 | 34 | 0.00 | 1.08 | 2 | 2278 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.63 | 37 | 0.02 | 0.07 | 53 | 589 | 599 | 31 | 1221 | 1400 | 17 |
| 17 | 2000 | 0.00 | 34 | 0.00 | 1.09 | 2 | 2283 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.64 | 37 | 0.02 | 0.07 | 53 | 595 | 599 | 31 | 1227 | 2000 | 17 |
| 18 | 200 | 0.00 | 34 | 0.00 | 1.11 | 2 | 2288 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.64 | 37 | 0.02 | 0.07 | 53 | 600 | 600 | 31 | 1232 | 200 | 18 |
| 18 | 800 | 0.00 | 34 | 0.00 | 1.13 | 2 | 2292 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.65 | 37 | 0.02 | 0.07 | 53 | 606 | 600 | 31 | 1238 | 800 | 18 |
| 18 | 1400 | 0.00 | 34 | 0.00 | 1.14 | 2 | 2297 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.66 | 37 | 0.02 | 0.07 | 53 | 611 | 600 | 31 | 1243 | 1400 | 18 |
| 18 | 2000 | 0.00 | 34 | 0.00 | 1.16 | 2 | 2302 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.67 | 37 | 0.02 | 0.07 | 53 | 616 | 600 | 31 | 1248 | 2000 | 18 |
| 19 | 200 | 0.00 | 34 | 0.00 | 1.18 | 2 | 2306 | 95 | 3.0 | 58 | 0.08 | 0.05 | 0.09 | 4.67 | 37 | 0.02 | 0.07 | 53 | 620 | 600 | 31 | 1253 | 200 | 19 |
| 19 | 800 | 0.00 | 34 | 0.00 | 1.19 | 2 | 2311 | 95 | 3.0 | 57 | 0.08 | 0.05 | 0.09 | 4.68 | 37 | 0.02 | 0.07 | 53 | 625 | 600 | 31 | 1258 | 800 | 19 |
| 19 | 1400 | 0.00 | 34 | 0.00 | 1.21 | 2 | 2316 | 95 | 3.0 | 57 | 0.08 | 0.05 | 0.09 | 4.69 | 38 | 0.02 | 0.07 | 53 | 629 | 600 | 31 | 1262 | 1400 | 19 |
| 19 | 2000 | 0.00 | 34 | 0.00 | 1.23 | 2 | 2320 | 95 | 3.0 | 57 | 0.08 | 0.05 | 0.09 | 4.70 | 38 | 0.02 | 0.07 | 53 | 634 | 601 | 31 | 1267 | 2000 | 19 |
| 20 | 200 | 0.00 | 34 | 0.00 | 1.25 | 2 | 2325 | 95 | 3.0 | 57 | 0.08 | 0.05 | 0.09 | 4.70 | 38 | 0.02 | 0.07 | 53 | 638 | 601 | 31 | 1271 | 200 | 20 |
| 20 | 800 | 0.00 | 34 | 0.00 | 1.26 | 2 | 2330 | 95 | 3.0 | 57 | 0.08 | 0.05 | 0.09 | 4.71 | 38 | 0.02 | 0.07 | 53 | 641 | 601 | 31 | 1275 | 800 | 20 |
| 20 | 1400 | 0.00 | 34 | 0.00 | 1.28 | 2 | 2334 | 95 | 3.0 | 57 | 0.08 | 0.05 | 0.09 | 4.72 | 38 | 0.02 | 0.07 | 53 | 645 | 601 | 31 | 1278 | 1400 | 20 |
| 20 | 2000 | 0.00 | 34 | 0.00 | 1.30 | 2 | 2339 | 95 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.72 | 38 | 0.02 | 0.07 | 53 | 649 | 601 | 31 | 1282 | 2000 | 20 |
| 21 | 200 | 0.00 | 34 | 0.00 | 1.31 | 2 | 2344 | 94 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.73 | 38 | 0.02 | 0.07 | 53 | 652 | 601 | 31 | 1285 | 200 | 21 |
| 21 | 800 | 0.00 | 34 | 0.00 | 1.33 | 2 | 2348 | 94 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.74 | 38 | 0.02 | 0.07 | 53 | 655 | 601 | 31 | 1288 | 800 | 21 |
| 21 | 1400 | 0.00 | 34 | 0.00 | 1.35 | 2 | 2353 | 94 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.75 | 38 | 0.02 | 0.07 | 53 | 658 | 601 | 31 | 1292 | 1400 | 21 |
| 21 | 2000 | 0.00 | 34 | 0.00 | 1.36 | 2 | 2358 | 94 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.75 | 38 | 0.02 | 0.07 | 53 | 661 | 601 | 31 | 1294 | 2000 | 21 |
| 22 | 200 | 0.00 | 34 | 0.00 | 1.38 | 2 | 2362 | 94 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.76 | 38 | 0.02 | 0.07 | 53 | 664 | 601 | 31 | 1297 | 200 | 22 |
| 22 | 800 | 0.00 | 34 | 0.00 | 1.40 | 2 | 2367 | 94 | 3.0 | 57 | 0.08 | 0.04 | 0.09 | 4.77 | 38 | 0.02 | 0.07 | 53 | 667 | 601 | 31 | 1300 | 800 | 22 |
| 22 | 1400 | 0.00 | 34 | 0.00 | 1.42 | 2 | 2372 | 94 | 3.0 | 56 | 0.08 | 0.04 | 0.09 | 4.77 | 38 | 0.02 | 0.07 | 53 | 669 | 600 | 31 | 1302 | 1400 | 22 |
| 22 | 2000 | 0.00 | 34 | 0.00 | 1.43 | 2 | 2376 | 94 | 3.0 | 56 | 0.08 | 0.04 | 0.09 | 4.78 | 38 | 0.02 | 0.07 | 53 | 671 | 600 | 31 | 1304 | 2000 | 22 |
| 23 | 200 | 0.00 | 34 | 0.00 | 1.45 | 2 | 2381 | 94 | 3.0 | 56 | 0.08 | 0.04 | 0.09 | 4.79 | 38 | 0.02 | 0.07 | 53 | 674 | 600 | 31 | 1307 | 200 | 23 |
| 23 | 800 | 0.00 | 34 | 0.00 | 1.47 | 2 | 2386 | 94 | 3.0 | 56 | 0.08 | 0.04 | 0.09 | 4.79 | 38 | 0.02 | 0.07 | 53 | 676 | 600 | 31 | 1309 | 800 | 23 |



FORM 1611-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.106 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RSP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 34 | 0.00 | 1.48 | 3 | 2390 | 94 | 3.0 | 56 | 0.08 | 0.04 | 0.09 | 4.80 | 38 | 0.02 | 0.07 | 53 | 678 | 600 | 31 | 1310 | 1400 | 23 |
| 23 | 2000 | 0.00 | 34 | 0.00 | 1.50 | 3 | 2395 | 94 | 3.0 | 56 | 0.08 | 0.04 | 0.09 | 4.81 | 38 | 0.02 | 0.07 | 53 | 680 | 600 | 31 | 1312 | 2000 | 23 |
| 24 | 200 | 0.00 | 34 | 0.00 | 1.52 | 3 | 2400 | 94 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.81 | 39 | 0.02 | 0.07 | 53 | 682 | 600 | 31 | 1314 | 200 | 24 |
| 24 | 800 | 0.00 | 34 | 0.00 | 1.53 | 3 | 2404 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.82 | 39 | 0.02 | 0.07 | 53 | 683 | 600 | 31 | 1315 | 800 | 24 |
| 24 | 1400 | 0.00 | 34 | 0.00 | 1.55 | 3 | 2409 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.83 | 39 | 0.02 | 0.07 | 53 | 685 | 599 | 31 | 1317 | 1400 | 24 |
| 24 | 2000 | 0.00 | 34 | 0.00 | 1.57 | 3 | 2414 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.83 | 39 | 0.02 | 0.07 | 53 | 687 | 599 | 31 | 1318 | 2000 | 24 |
| 25 | 200 | 0.00 | 34 | 0.00 | 1.58 | 3 | 2418 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.84 | 39 | 0.02 | 0.07 | 53 | 688 | 599 | 31 | 1320 | 200 | 25 |
| 25 | 800 | 0.00 | 34 | 0.00 | 1.60 | 3 | 2423 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.84 | 39 | 0.02 | 0.07 | 53 | 689 | 599 | 31 | 1321 | 800 | 25 |
| 25 | 1400 | 0.00 | 34 | 0.00 | 1.62 | 3 | 2428 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.85 | 39 | 0.02 | 0.07 | 53 | 691 | 599 | 31 | 1322 | 1400 | 25 |
| 25 | 2000 | 0.00 | 34 | 0.00 | 1.64 | 3 | 2432 | 93 | 2.9 | 56 | 0.08 | 0.04 | 0.09 | 4.86 | 39 | 0.02 | 0.07 | 53 | 692 | 598 | 31 | 1323 | 2000 | 25 |
| 26 | 200 | 0.00 | 34 | 0.00 | 1.65 | 3 | 2437 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.86 | 39 | 0.02 | 0.07 | 53 | 693 | 598 | 31 | 1324 | 200 | 26 |
| 26 | 800 | 0.00 | 34 | 0.00 | 1.67 | 3 | 2442 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.87 | 39 | 0.02 | 0.07 | 53 | 694 | 598 | 31 | 1324 | 800 | 26 |
| 26 | 1400 | 0.00 | 34 | 0.00 | 1.69 | 3 | 2446 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.87 | 39 | 0.02 | 0.07 | 53 | 695 | 598 | 31 | 1325 | 1400 | 26 |
| 26 | 2000 | 0.00 | 34 | 0.00 | 1.70 | 3 | 2451 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.88 | 39 | 0.02 | 0.07 | 53 | 696 | 597 | 31 | 1326 | 2000 | 26 |
| 27 | 200 | 0.00 | 34 | 0.00 | 1.72 | 3 | 2456 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.89 | 39 | 0.02 | 0.07 | 53 | 697 | 597 | 31 | 1326 | 200 | 27 |
| 27 | 800 | 0.00 | 34 | 0.00 | 1.74 | 3 | 2460 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.89 | 39 | 0.02 | 0.07 | 53 | 698 | 597 | 31 | 1327 | 800 | 27 |
| 27 | 1400 | 0.00 | 34 | 0.00 | 1.75 | 3 | 2465 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.90 | 39 | 0.02 | 0.07 | 53 | 698 | 596 | 31 | 1327 | 1400 | 27 |
| 27 | 2000 | 0.00 | 34 | 0.00 | 1.77 | 3 | 2469 | 93 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.90 | 39 | 0.02 | 0.07 | 53 | 699 | 596 | 31 | 1328 | 2000 | 27 |
| 28 | 200 | 0.00 | 34 | 0.00 | 1.79 | 3 | 2474 | 92 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.91 | 39 | 0.02 | 0.07 | 53 | 700 | 596 | 31 | 1328 | 200 | 28 |
| 28 | 800 | 0.00 | 34 | 0.00 | 1.80 | 3 | 2479 | 92 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.91 | 39 | 0.02 | 0.07 | 53 | 700 | 595 | 31 | 1328 | 800 | 28 |
| 28 | 1400 | 0.00 | 34 | 0.00 | 1.82 | 3 | 2483 | 92 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.92 | 39 | 0.02 | 0.07 | 53 | 701 | 595 | 31 | 1328 | 1400 | 28 |
| 28 | 2000 | 0.00 | 34 | 0.00 | 1.84 | 3 | 2488 | 92 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.93 | 39 | 0.02 | 0.07 | 53 | 701 | 595 | 31 | 1328 | 2000 | 28 |
| 29 | 200 | 0.00 | 34 | 0.00 | 1.85 | 3 | 2492 | 92 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.93 | 39 | 0.02 | 0.07 | 53 | 702 | 594 | 31 | 1329 | 200 | 29 |
| 29 | 800 | 0.00 | 34 | 0.00 | 1.87 | 3 | 2497 | 92 | 2.9 | 55 | 0.08 | 0.04 | 0.09 | 4.94 | 39 | 0.02 | 0.07 | 53 | 702 | 594 | 31 | 1329 | 800 | 29 |
| 29 | 1400 | 0.00 | 34 | 0.00 | 1.89 | 3 | 2502 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.94 | 40 | 0.02 | 0.07 | 53 | 703 | 594 | 31 | 1328 | 1400 | 29 |
| 29 | 2000 | 0.00 | 34 | 0.00 | 1.90 | 3 | 2506 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.95 | 40 | 0.02 | 0.07 | 53 | 703 | 593 | 31 | 1328 | 2000 | 29 |
| 30 | 200 | 0.00 | 34 | 0.00 | 1.92 | 3 | 2511 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.95 | 40 | 0.02 | 0.07 | 53 | 703 | 593 | 31 | 1328 | 200 | 30 |
| 30 | 800 | 0.00 | 34 | 0.00 | 1.94 | 3 | 2515 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.96 | 40 | 0.02 | 0.07 | 53 | 704 | 592 | 31 | 1328 | 800 | 30 |
| 30 | 1400 | 0.00 | 34 | 0.00 | 1.95 | 3 | 2520 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.96 | 40 | 0.02 | 0.07 | 53 | 704 | 592 | 31 | 1328 | 1400 | 30 |
| 30 | 2000 | 0.00 | 34 | 0.00 | 1.97 | 3 | 2525 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.97 | 40 | 0.02 | 0.07 | 53 | 704 | 591 | 31 | 1328 | 2000 | 30 |
| 31 | 200 | 0.00 | 34 | 0.00 | 1.99 | 3 | 2529 | 92 | 2.9 | 54 | 0.08 | 0.04 | 0.09 | 4.97 | 40 | 0.02 | 0.07 | 53 | 704 | 591 | 31 | 1327 | 200 | 31 |
| 31 | 800 | 0.00 | 34 | 0.00 | 2.00 | 3 | 2534 | 92 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 4.98 | 40 | 0.02 | 0.07 | 53 | 704 | 591 | 31 | 1327 | 800 | 31 |
| 31 | 1400 | 0.00 | 34 | 0.00 | 2.02 | 3 | 2538 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 4.98 | 40 | 0.02 | 0.07 | 53 | 704 | 590 | 30 | 1327 | 1400 | 31 |
| 31 | 2000 | 0.00 | 34 | 0.00 | 2.04 | 3 | 2543 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 4.99 | 40 | 0.02 | 0.07 | 53 | 705 | 590 | 30 | 1326 | 2000 | 31 |



FORM 1613
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.109 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | I | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 34 | 0.00 | 2.05 | 3 | 2547 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 4.99 | 40 | 0.02 | 0.07 | 53 | 705 | 589 | 30 | 1326 | 200 | 1 |
| 1 | 800 | 0.00 | 34 | 0.00 | 2.07 | 4 | 2552 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 5.00 | 40 | 0.02 | 0.07 | 53 | 705 | 589 | 30 | 1325 | 800 | 1 |
| 1 | 1400 | 0.00 | 34 | 0.00 | 2.09 | 4 | 2557 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 5.00 | 40 | 0.02 | 0.07 | 53 | 705 | 588 | 30 | 1325 | 1400 | 1 |
| 1 | 2000 | 0.00 | 34 | 0.00 | 2.10 | 4 | 2561 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 5.01 | 40 | 0.02 | 0.07 | 53 | 705 | 588 | 30 | 1324 | 2000 | 1 |
| 2 | 200 | 0.00 | 34 | 0.00 | 2.12 | 4 | 2566 | 91 | 2.8 | 54 | 0.08 | 0.04 | 0.09 | 5.01 | 40 | 0.02 | 0.07 | 53 | 705 | 587 | 30 | 1323 | 200 | 2 |
| 2 | 800 | 0.00 | 34 | 0.00 | 2.14 | 4 | 2570 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.02 | 40 | 0.02 | 0.07 | 53 | 704 | 586 | 30 | 1323 | 800 | 2 |
| 2 | 1400 | 0.00 | 34 | 0.00 | 2.15 | 4 | 2575 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.02 | 40 | 0.02 | 0.07 | 53 | 704 | 586 | 30 | 1322 | 1400 | 2 |
| 2 | 2000 | 0.00 | 34 | 0.00 | 2.17 | 4 | 2579 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.02 | 40 | 0.02 | 0.07 | 53 | 704 | 585 | 30 | 1321 | 2000 | 2 |
| 3 | 200 | 0.00 | 34 | 0.00 | 2.18 | 4 | 2584 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.03 | 40 | 0.02 | 0.07 | 53 | 704 | 584 | 30 | 1320 | 200 | 3 |
| 3 | 800 | 0.00 | 34 | 0.00 | 2.20 | 4 | 2588 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.03 | 40 | 0.02 | 0.07 | 53 | 704 | 583 | 30 | 1319 | 800 | 3 |
| 3 | 1400 | 0.00 | 34 | 0.00 | 2.22 | 4 | 2593 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.04 | 40 | 0.02 | 0.07 | 53 | 704 | 583 | 30 | 1318 | 1400 | 3 |
| 3 | 2000 | 0.00 | 34 | 0.00 | 2.23 | 4 | 2597 | 91 | 2.8 | 53 | 0.08 | 0.04 | 0.09 | 5.04 | 40 | 0.02 | 0.07 | 53 | 704 | 582 | 30 | 1317 | 2000 | 3 |
| 4 | 200 | 0.00 | 46 | 0.00 | 2.26 | 4 | 2602 | 90 | 3.4 | 63 | 0.09 | 0.06 | 0.09 | 5.05 | 40 | 0.02 | 0.07 | 53 | 703 | 584 | 34 | 1323 | 200 | 4 |
| 4 | 800 | 0.00 | 46 | 0.00 | 2.28 | 4 | 2608 | 90 | 3.4 | 63 | 0.09 | 0.06 | 0.09 | 5.06 | 40 | 0.02 | 0.08 | 53 | 703 | 597 | 41 | 1343 | 800 | 4 |
| 4 | 1400 | 0.00 | 66 | 0.00 | 2.32 | 4 | 2615 | 90 | 5.0 | 78 | 0.14 | 0.11 | 0.09 | 5.08 | 40 | 0.04 | 0.08 | 52 | 703 | 636 | 54 | 1394 | 1400 | 4 |
| 4 | 2000 | 0.00 | 66 | 0.00 | 2.37 | 4 | 2627 | 90 | 5.0 | 77 | 0.14 | 0.11 | 0.09 | 5.13 | 40 | 0.04 | 0.09 | 52 | 703 | 715 | 72 | 1492 | 2000 | 4 |
| 5 | 200 | 0.00 | 90 | 0.00 | 2.44 | 4 | 2638 | 90 | 7.8 | 88 | 0.22 | 0.19 | 0.09 | 5.18 | 41 | 0.08 | 0.10 | 51 | 703 | 855 | 99 | 1659 | 200 | 5 |
| 5 | 800 | 0.00 | 96 | 0.00 | 2.53 | 4 | 2660 | 89 | 8.9 | 89 | 0.25 | 0.22 | 0.09 | 5.28 | 41 | 0.09 | 0.12 | 50 | 703 | 1081 | 141 | 1926 | 800 | 5 |
| 5 | 1400 | 0.00 | 100 | 0.00 | 2.66 | 5 | 2684 | 89 | 12.3 | 89 | 0.34 | 0.30 | 0.09 | 5.40 | 41 | 0.12 | 0.15 | 49 | 704 | 1422 | 201 | 2328 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 2.82 | 5 | 2718 | 88 | 15.7 | 89 | 0.44 | 0.39 | 0.09 | 5.58 | 42 | 0.16 | 0.18 | 48 | 705 | 1906 | 312 | 2924 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 3.00 | 5 | 2763 | 87 | 16.8 | 88 | 0.47 | 0.41 | 0.09 | 5.82 | 42 | 0.18 | 0.22 | 46 | 707 | 2550 | 437 | 3696 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 3.21 | 5 | 2811 | 86 | 20.2 | 87 | 0.57 | 0.50 | 0.09 | 6.07 | 43 | 0.21 | 0.26 | 44 | 711 | 3348 | 591 | 4652 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 3.45 | 6 | 2870 | 85 | 22.5 | 86 | 0.64 | 0.55 | 0.09 | 6.37 | 44 | 0.24 | 0.31 | 40 | 717 | 4286 | 829 | 5834 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 3.72 | 6 | 2937 | 84 | 24.7 | 85 | 0.71 | 0.60 | 0.09 | 6.71 | 45 | 0.27 | 0.37 | 36 | 726 | 5364 | 1144 | 7235 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 4.04 | 7 | 3005 | 83 | 28.1 | 84 | 0.81 | 0.68 | 0.09 | 7.08 | 46 | 0.31 | 0.44 | 34 | 737 | 6591 | 1596 | 8926 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 4.38 | 7 | 3045 | 81 | 30.3 | 83 | 0.89 | 0.74 | 0.09 | 7.51 | 47 | 0.35 | 0.51 | 31 | 752 | 7973 | 2219 | 10946 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 4.76 | 8 | 3089 | 80 | 32.6 | 81 | 0.97 | 0.78 | 0.09 | 7.96 | 48 | 0.38 | 0.59 | 29 | 772 | 9494 | 3015 | 13283 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 5.15 | 9 | 3135 | 79 | 31.9 | 80 | 0.96 | 0.76 | 0.09 | 8.45 | 50 | 0.38 | 0.67 | 27 | 796 | 11091 | 3746 | 15635 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 5.53 | 9 | 3167 | 78 | 31.0 | 79 | 0.94 | 0.74 | 0.09 | 8.91 | 51 | 0.38 | 0.75 | 26 | 826 | 12653 | 4170 | 17651 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 5.92 | 10 | 3199 | 77 | 31.0 | 78 | 0.96 | 0.74 | 0.09 | 9.36 | 52 | 0.39 | 0.82 | 24 | 862 | 14059 | 4533 | 19456 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.00 | 6.30 | 11 | 3232 | 76 | 30.0 | 77 | 0.94 | 0.73 | 0.09 | 9.79 | 54 | 0.39 | 0.89 | 23 | 903 | 15236 | 4934 | 21075 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.01 | 6.69 | 11 | 3265 | 74 | 29.9 | 75 | 0.95 | 0.72 | 0.09 | 10.22 | 55 | 0.40 | 0.96 | 22 | 951 | 16173 | 5336 | 22461 | 2000 | 8 |
| 9 | 200 | 0.02 | 100 | 0.02 | 7.08 | 12 | 3298 | 73 | 29.3 | 74 | 0.94 | 0.72 | 0.09 | 10.63 | 56 | 0.41 | 1.04 | 21 | 1005 | 16903 | 5826 | 23736 | 200 | 9 |
| 9 | 800 | 0.02 | 100 | 0.04 | 7.48 | 13 | 3331 | 72 | 29.2 | 73 | 0.95 | 0.72 | 0.09 | 11.04 | 57 | 0.41 | 1.11 | 20 | 1065 | 17478 | 6375 | 24919 | 800 | 9 |
| 9 | 1400 | 0.02 | 100 | 0.05 | 7.88 | 13 | 3364 | 71 | 28.6 | 72 | 0.94 | 0.70 | 0.09 | 11.44 | 58 | 0.41 | 1.18 | 19 | 1131 | 17938 | 6835 | 25906 | 1400 | 9 |
| 9 | 2000 | 0.03 | 100 | 0.07 | 8.28 | 14 | 3398 | 70 | 28.5 | 71 | 0.95 | 0.70 | 0.09 | 11.83 | 60 | 0.42 | 1.24 | 18 | 1204 | 18307 | 7232 | 26743 | 2000 | 9 |
| 10 | 200 | 0.08 | 100 | 0.11 | 8.68 | 15 | 3432 | 69 | 27.5 | 70 | 0.93 | 0.73 | 0.09 | 12.21 | 61 | 0.44 | 1.32 | 18 | 1282 | 18602 | 7925 | 27810 | 200 | 10 |
| 10 | 800 | 0.08 | 100 | 0.16 | 9.08 | 15 | 3465 | 68 | 27.5 | 69 | 0.94 | 0.73 | 0.09 | 12.60 | 63 | 0.46 | 1.39 | 17 | 1365 | 18859 | 8900 | 29126 | 800 | 10 |
| 10 | 1400 | 0.08 | 100 | 0.22 | 9.50 | 16 | 3499 | 67 | 27.2 | 68 | 0.94 | 0.72 | 0.09 | 12.97 | 65 | 0.46 | 1.47 | 16 | 1453 | 19108 | 9832 | 30394 | 1400 | 10 |
| 10 | 2000 | 0.08 | 100 | 0.27 | 9.92 | 17 | 3534 | 65 | 27.1 | 66 | 0.95 | 0.71 | 0.09 | 13.32 | 67 | 0.47 | 1.54 | 15 | 1545 | 19350 | 10710 | 31606 | 2000 | 10 |
| 11 | 200 | 0.06 | 100 | 0.31 | 10.33 | 18 | 3570 | 64 | 26.1 | 65 | 0.93 | 0.67 | 0.09 | 13.66 | 68 | 0.45 | 1.61 | 15 | 1641 | 19558 | 11203 | 32404 | 200 | 11 |
| 11 | 800 | 0.06 | 100 | 0.35 | 10.75 | 18 | 3604 | 63 | 26.1 | 64 | 0.94 | 0.66 | 0.09 | 13.96 | 70 | 0.46 | 1.69 | 14 | 1741 | 19700 | 11415 | 32857 | 800 | 11 |
| 11 | 1400 | 0.09 | 100 | 0.41 | 11.17 | 19 | 3640 | 62 | 25.8 | 63 | 0.94 | 0.68 | 0.09 | 14.25 | 71 | 0.48 | 1.76 | 13 | 1844 | 19757 | 12279 | 33882 | 1400 | 11 |
| 11 | 2000 | 0.21 | 100 | 0.57 | 11.59 | 20 | 3675 | 61 | 25.7 | 62 | 0.95 | 0.80 | 0.09 | 14.54 | 73 | 0.58 | 1.86 | 12 | 1949 | 19753 | 15082 | 36785 | 2000 | 11 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.151 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.07 | 100 | 0.62 | 11.99 | 20 | 3711 | 60 | 23.3 | 60 | 0.87 | 0.60 | 0.09 | 14.86 | 74 | 0.44 | 1.91 | 11 | 2056 | 19724 | 16134 | 37915 | 200 | 12 |
| 12 | 800 | 0.07 | 100 | 0.68 | 12.36 | 21 | 3740 | 59 | 22.1 | 60 | 0.84 | 0.57 | 0.09 | 15.09 | 75 | 0.43 | 1.96 | 11 | 2164 | 19665 | 13597 | 35427 | 800 | 12 |
| 12 | 1400 | 0.16 | 100 | 0.75 | 12.71 | 22 | 3764 | 58 | 20.9 | 59 | 0.81 | 0.57 | 0.09 | 15.30 | 75 | 0.43 | 2.01 | 10 | 2273 | 19541 | 12209 | 34024 | 1400 | 12 |
| 12 | 2000 | 0.24 | 100 | 0.93 | 13.05 | 22 | 3786 | 57 | 19.7 | 58 | 0.77 | 0.69 | 0.09 | 15.52 | 75 | 0.52 | 2.07 | 10 | 2382 | 19373 | 13328 | 35084 | 2000 | 12 |
| 13 | 200 | 0.10 | 100 | 1.00 | 13.39 | 23 | 3807 | 57 | 19.7 | 57 | 0.79 | 0.55 | 0.09 | 15.77 | 75 | 0.41 | 2.10 | 10 | 2490 | 19227 | 13913 | 35632 | 200 | 13 |
| 13 | 800 | 0.10 | 100 | 1.07 | 13.73 | 23 | 3829 | 56 | 19.7 | 57 | 0.80 | 0.55 | 0.09 | 15.98 | 75 | 0.41 | 2.14 | 10 | 2598 | 19114 | 12114 | 33827 | 800 | 13 |
| 13 | 1400 | 0.13 | 100 | 1.17 | 14.06 | 24 | 3850 | 55 | 19.6 | 56 | 0.81 | 0.58 | 0.09 | 16.20 | 75 | 0.43 | 2.18 | 10 | 2703 | 18983 | 11830 | 33518 | 1400 | 13 |
| 13 | 2000 | 0.33 | 100 | 1.41 | 14.40 | 24 | 3872 | 54 | 19.6 | 55 | 0.82 | 0.78 | 0.09 | 16.43 | 75 | 0.58 | 2.26 | 10 | 2807 | 18838 | 15019 | 36665 | 2000 | 13 |
| 14 | 200 | 0.12 | 100 | 1.50 | 14.73 | 25 | 3893 | 54 | 18.6 | 54 | 0.79 | 0.55 | 0.09 | 16.71 | 75 | 0.41 | 2.26 | 10 | 2909 | 18739 | 16446 | 38095 | 200 | 14 |
| 14 | 800 | 0.12 | 100 | 1.59 | 15.05 | 26 | 3913 | 53 | 18.6 | 54 | 0.80 | 0.55 | 0.09 | 16.93 | 75 | 0.41 | 2.31 | 10 | 3007 | 18680 | 13358 | 35046 | 800 | 14 |
| 14 | 1400 | 0.16 | 100 | 1.70 | 15.37 | 26 | 3934 | 52 | 18.5 | 53 | 0.81 | 0.59 | 0.09 | 17.16 | 75 | 0.44 | 2.35 | 10 | 3102 | 18586 | 12552 | 34242 | 1400 | 14 |
| 14 | 2000 | 0.39 | 100 | 2.00 | 15.69 | 27 | 3954 | 52 | 18.5 | 52 | 0.82 | 0.82 | 0.09 | 17.40 | 75 | 0.62 | 2.42 | 10 | 3194 | 18460 | 16181 | 37837 | 2000 | 14 |
| 15 | 200 | 0.20 | 100 | 2.14 | 16.03 | 27 | 3975 | 51 | 19.6 | 52 | 0.88 | 0.65 | 0.09 | 17.70 | 75 | 0.49 | 2.47 | 10 | 3282 | 18383 | 19331 | 40998 | 200 | 15 |
| 15 | 800 | 0.20 | 100 | 2.29 | 16.37 | 28 | 3996 | 50 | 19.6 | 51 | 0.89 | 0.65 | 0.09 | 17.96 | 75 | 0.49 | 2.52 | 10 | 3365 | 18367 | 18056 | 39790 | 800 | 15 |
| 15 | 1400 | 0.26 | 100 | 2.49 | 16.71 | 28 | 4020 | 50 | 19.5 | 50 | 0.90 | 0.71 | 0.09 | 18.23 | 75 | 0.53 | 2.58 | 10 | 3445 | 18340 | 18210 | 39996 | 1400 | 15 |
| 15 | 2000 | 0.65 | 100 | 2.97 | 17.05 | 29 | 4045 | 49 | 19.5 | 49 | 0.91 | 1.10 | 0.09 | 18.52 | 75 | 0.83 | 2.71 | 10 | 3521 | 18301 | 24776 | 46599 | 2000 | 15 |
| 16 | 200 | 0.36 | 100 | 3.24 | 17.37 | 29 | 4069 | 48 | 18.1 | 49 | 0.86 | 0.77 | 0.09 | 18.91 | 75 | 0.58 | 2.76 | 10 | 3592 | 18343 | 29206 | 51143 | 200 | 16 |
| 16 | 800 | 0.15 | 100 | 3.35 | 17.64 | 30 | 4092 | 48 | 15.7 | 48 | 0.76 | 0.51 | 0.09 | 19.21 | 75 | 0.38 | 2.76 | 10 | 3659 | 18463 | 21698 | 43822 | 800 | 16 |
| 16 | 1400 | 0.10 | 100 | 3.43 | 17.91 | 30 | 4112 | 47 | 15.7 | 48 | 0.76 | 0.47 | 0.09 | 19.43 | 75 | 0.35 | 2.75 | 10 | 3723 | 18499 | 13652 | 35875 | 1400 | 16 |
| 16 | 2000 | 0.10 | 100 | 3.51 | 18.21 | 31 | 4132 | 46 | 16.8 | 47 | 0.83 | 0.49 | 0.09 | 19.64 | 75 | 0.37 | 2.76 | 10 | 3782 | 18309 | 10756 | 32849 | 2000 | 16 |
| 17 | 200 | 0.24 | 100 | 3.69 | 18.50 | 31 | 4153 | 46 | 17.0 | 46 | 0.85 | 0.64 | 0.09 | 19.87 | 75 | 0.48 | 2.79 | 10 | 3838 | 17920 | 12386 | 34145 | 200 | 17 |
| 17 | 800 | 0.10 | 100 | 3.77 | 18.79 | 32 | 4174 | 45 | 17.0 | 46 | 0.85 | 0.49 | 0.09 | 20.14 | 75 | 0.37 | 2.79 | 10 | 3889 | 17473 | 13638 | 35001 | 800 | 17 |
| 17 | 1400 | 0.07 | 100 | 3.82 | 19.08 | 32 | 4195 | 45 | 16.9 | 45 | 0.86 | 0.46 | 0.09 | 20.37 | 75 | 0.35 | 2.80 | 10 | 3937 | 17045 | 11761 | 32744 | 1400 | 17 |
| 17 | 2000 | 0.07 | 100 | 3.87 | 19.37 | 33 | 4216 | 44 | 16.9 | 44 | 0.87 | 0.46 | 0.09 | 20.59 | 75 | 0.34 | 2.80 | 10 | 3981 | 16612 | 10560 | 31154 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 3.87 | 19.68 | 33 | 4237 | 43 | 18.0 | 44 | 0.94 | 0.41 | 0.09 | 20.81 | 75 | 0.31 | 2.80 | 10 | 4021 | 16139 | 9894 | 30055 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 3.87 | 19.99 | 34 | 4259 | 43 | 18.0 | 43 | 0.95 | 0.41 | 0.09 | 21.03 | 75 | 0.31 | 2.81 | 10 | 4057 | 15612 | 9317 | 28988 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 3.87 | 20.29 | 34 | 4281 | 42 | 17.9 | 43 | 0.95 | 0.41 | 0.09 | 21.24 | 75 | 0.30 | 2.81 | 10 | 4089 | 15038 | 9147 | 28276 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 3.87 | 20.59 | 35 | 4303 | 41 | 17.9 | 42 | 0.96 | 0.40 | 0.09 | 21.46 | 75 | 0.30 | 2.82 | 10 | 4118 | 14458 | 9134 | 27711 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 3.87 | 20.95 | 36 | 4325 | 41 | 21.0 | 41 | 1.14 | 0.47 | 0.09 | 21.68 | 75 | 0.35 | 2.86 | 10 | 4142 | 13920 | 10290 | 28354 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 3.87 | 21.34 | 36 | 4351 | 40 | 23.3 | 41 | 1.28 | 0.52 | 0.09 | 21.95 | 75 | 0.39 | 2.92 | 10 | 4163 | 13451 | 12925 | 30540 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 3.87 | 21.76 | 37 | 4377 | 39 | 25.5 | 40 | 1.42 | 0.5[illegible] | 0.09 | 22.25 | 75 | 0.42 | 3.00 | 10 | 4180 | 13053 | 15705 | 32940 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 3.87 | 22.22 | 38 | 4398 | 39 | 28.0 | 39 | 1.58 | 0.62 | 0.09 | 22.59 | 75 | 0.46 | 3.10 | 10 | 4194 | 12716 | 18540 | 35451 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 3.87 | 22.70 | 38 | 4421 | 38 | 29.1 | 38 | 1.67 | 0.64 | 0.09 | 22.97 | 75 | 0.48 | 3.22 | 10 | 4203 | 12424 | 21035 | 37663 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 3.87 | 23.18 | 39 | 4446 | 37 | 29.0 | 38 | 1.69 | 0.64 | 0.09 | 23.37 | 75 | 0.48 | 3.33 | 10 | 4210 | 12164 | 22404 | 38779 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 3.87 | 23.66 | 40 | 4470 | 36 | 28.9 | 37 | 1.71 | 0.63 | 0.09 | 23.77 | 75 | 0.48 | 3.44 | 10 | 4213 | 11926 | 22837 | 36978 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 3.87 | 24.13 | 41 | 4494 | 36 | 28.9 | 36 | 1.74 | 0.63 | 0.09 | 24.19 | 75 | 0.47 | 3.55 | 10 | 4214 | 11702 | 22948 | 38865 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 3.87 | 24.68 | 42 | 4518 | 35 | 33.2 | 36 | 2.03 | 0.73 | 0.09 | 24.60 | 75 | 0.54 | 3.71 | 10 | 4212 | 11485 | 24533 | 40232 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 3.87 | 25.22 | 43 | 4545 | 34 | 33.1 | 35 | 2.08 | 0.72 | 0.09 | 25.10 | 75 | 0.54 | 3.86 | 10 | 4208 | 11274 | 27055 | 42538 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 3.87 | 25.76 | 44 | 4572 | 33 | 33.0 | 34 | 2.12 | 0.72 | 0.09 | 25.60 | 75 | 0.54 | 4.01 | 10 | 4201 | 11063 | 28086 | 43352 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 3.87 | 26.30 | 45 | 4599 | 33 | 32.9 | 33 | 2.16 | 0.72 | 0.09 | 26.12 | 75 | 0.54 | 4.17 | 10 | 4193 | 10850 | 28393 | 43438 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 3.87 | 26.87 | 46 | 4626 | 32 | 35.2 | 32 | 2.35 | 0.76 | 0.09 | 26.65 | 75 | 0.57 | 4.34 | 10 | 4183 | 10633 | 29278 | 44096 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 3.87 | 27.44 | 47 | 4655 | 31 | 35.1 | 32 | 2.40 | 0.76 | 0.09 | 27.23 | 75 | 0.57 | 4.52 | 10 | 4172 | 10412 | 30554 | 45140 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 3.87 | 28.00 | 47 | 4684 | 30 | 35.0 | 31 | 2.44 | 0.75 | 0.09 | 27.81 | 75 | 0.56 | 4.69 | 10 | 4160 | 10186 | 30997 | 45345 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 3.87 | 28.56 | 48 | 4712 | 29 | 34.9 | 30 | 2.49 | 0.74 | 0.09 | 28.42 | 75 | 0.56 | 4.87 | 10 | 4148 | 9955 | 31030 | 45135 | 2000 | 22 |



FORM 1115
PRINTED IN U.S.A.

BASIN RESULTS - STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.296 IN./DEGREE-DAY, AREA = 735.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 3.87 | 29.10 | 49 | 4740 | 28 | 33.7 | 29 | 2.45 | 0.71 | 0.09 | 29.03 | 75 | 0.53 | 5.02 | 10 | 4135 | 9721 | 30544 | 44401 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 3.87 | 29.63 | 50 | 4767 | 28 | 33.6 | 28 | 2.49 | 0.70 | 0.09 | 29.63 | 75 | 0.53 | 5.17 | 10 | 4122 | 9483 | 29776 | 43382 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 3.87 | 30.15 | 51 | 4794 | 27 | 33.6 | 28 | 2.52 | 0.69 | 0.09 | 30.24 | 75 | 0.52 | 5.33 | 10 | 4109 | 9244 | 29334 | 42688 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 3.87 | 30.66 | 52 | 4820 | 26 | 33.5 | 27 | 2.54 | 0.68 | 0.09 | 30.87 | 75 | 0.51 | 5.47 | 10 | 4096 | 9005 | 28942 | 42044 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 3.87 | 31.05 | 53 | 4846 | 26 | 26.5 | 26 | 2.03 | 0.53 | 0.09 | 31.49 | 75 | 0.40 | 5.51 | 10 | 4083 | 8768 | 26281 | 39133 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 3.87 | 31.44 | 53 | 4866 | 25 | 26.5 | 25 | 2.04 | 0.52 | 0.09 | 31.99 | 75 | 0.39 | 5.56 | 10 | 4071 | 8533 | 22352 | 34958 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 3.87 | 31.83 | 54 | 4885 | 24 | 26.4 | 25 | 2.05 | 0.51 | 0.09 | 32.48 | 75 | 0.38 | 5.60 | 10 | 4059 | 8304 | 20668 | 33033 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 3.87 | 32.20 | 55 | 4905 | 24 | 26.3 | 24 | 2.06 | 0.50 | 0.09 | 32.98 | 75 | 0.38 | 5.64 | 10 | 4048 | 8084 | 20024 | 32157 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 3.87 | 32.52 | 55 | 4924 | 23 | 22.8 | 24 | 1.80 | 0.43 | 0.09 | 33.48 | 75 | 0.32 | 5.65 | 10 | 4037 | 7875 | 18619 | 30532 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 3.87 | 32.84 | 56 | 4940 | 23 | 22.8 | 23 | 1.81 | 0.42 | 0.09 | 33.91 | 75 | 0.32 | 5.63 | 10 | 4026 | 7677 | 16686 | 28391 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 3.87 | 33.15 | 56 | 4956 | 22 | 22.8 | 23 | 1.81 | 0.41 | 0.09 | 34.35 | 75 | 0.31 | 5.62 | 10 | 4016 | 7490 | 15815 | 27322 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 3.87 | 33.46 | 57 | 4971 | 22 | 22.7 | 22 | 1.82 | 0.41 | 0.09 | 34.79 | 75 | 0.31 | 5.62 | 10 | 4005 | 7315 | 15432 | 26754 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 3.87 | 33.74 | 57 | 4987 | 22 | 21.5 | 22 | 1.73 | 0.38 | 0.09 | 35.22 | 75 | 0.29 | 5.60 | 10 | 3995 | 7149 | 14851 | 25997 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 3.87 | 34.02 | 58 | 5001 | 21 | 21.5 | 21 | 1.74 | 0.37 | 0.09 | 35.64 | 75 | 0.28 | 5.58 | 10 | 3984 | 6993 | 14113 | 25091 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 3.87 | 34.30 | 58 | 5025 | 21 | 21.4 | 21 | 1.75 | 0.37 | 0.09 | 36.06 | 75 | 0.28 | 5.57 | 10 | 3973 | 6844 | 13709 | 24527 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 3.87 | 34.57 | 59 | 5048 | 20 | 21.4 | 21 | 1.75 | 0.36 | 0.09 | 36.47 | 75 | 0.27 | 5.55 | 10 | 3962 | 6702 | 13459 | 24124 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 3.87 | 34.82 | 59 | 5071 | 20 | 20.2 | 20 | 1.66 | 0.34 | 0.09 | 36.89 | 75 | 0.25 | 5.52 | 10 | 3950 | 6565 | 12945 | 23462 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 3.87 | 35.07 | 59 | 5092 | 20 | 20.2 | 20 | 1.67 | 0.33 | 0.09 | 37.29 | 75 | 0.25 | 5.49 | 10 | 3937 | 6434 | 12270 | 22642 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 3.87 | 35.32 | 60 | 5103 | 20 | 20.2 | 20 | 1.67 | 0.33 | 0.09 | 37.68 | 75 | 0.25 | 5.47 | 10 | 3923 | 6308 | 11941 | 22173 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 3.87 | 35.56 | 60 | 5115 | 19 | 20.1 | 19 | 1.68 | 0.33 | 0.09 | 38.08 | 75 | 0.25 | 5.44 | 10 | 3909 | 6188 | 11807 | 21905 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 3.87 | 35.81 | 61 | 5126 | 19 | 20.1 | 19 | 1.68 | 0.32 | 0.09 | 38.48 | 75 | 0.24 | 5.42 | 10 | 3893 | 6078 | 11727 | 21700 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 3.87 | 36.05 | 61 | 5138 | 19 | 20.1 | 19 | 1.69 | 0.32 | 0.09 | 38.88 | 75 | 0.24 | 5.40 | 10 | 3876 | 5979 | 11658 | 21515 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 3.87 | 36.29 | 62 | 5149 | 19 | 20.1 | 19 | 1.69 | 0.32 | 0.09 | 39.27 | 75 | 0.24 | 5.39 | 10 | 3858 | 5891 | 11591 | 21341 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 3.87 | 36.53 | 62 | 5160 | 19 | 20.1 | 19 | 1.70 | 0.32 | 0.09 | 39.68 | 75 | 0.24 | 5.37 | 10 | 3838 | 5811 | 11523 | 21175 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 3.87 | 36.75 | 62 | 5172 | 18 | 18.9 | 18 | 1.61 | 0.30 | 0.09 | 40.08 | 75 | 0.22 | 5.34 | 10 | 3817 | 5739 | 11169 | 20727 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 3.87 | 36.97 | 63 | 5182 | 18 | 18.9 | 18 | 1.61 | 0.29 | 0.09 | 40.46 | 75 | 0.22 | 5.31 | 10 | 3795 | 5671 | 10648 | 20116 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 3.87 | 37.19 | 63 | 5192 | 18 | 18.9 | 18 | 1.61 | 0.29 | 0.09 | 40.84 | 75 | 0.22 | 5.29 | 10 | 3772 | 5607 | 10413 | 19794 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 3.87 | 37.41 | 63 | 5203 | 18 | 18.8 | 18 | 1.62 | 0.29 | 0.09 | 41.22 | 75 | 0.22 | 5.26 | 10 | 3747 | 5546 | 10311 | 19606 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 3.87 | 37.61 | 64 | 5213 | 18 | 17.7 | 18 | 1.52 | 0.27 | 0.09 | 41.60 | 75 | 0.20 | 5.23 | 10 | 3721 | 5488 | 9963 | 19173 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 3.87 | 37.81 | 64 | 5223 | 18 | 17.7 | 18 | 1.53 | 0.27 | 0.09 | 41.96 | 75 | 0.20 | 5.19 | 10 | 3693 | 5430 | 9460 | 18585 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 3.87 | 38.01 | 64 | 5232 | 17 | 17.7 | 17 | 1.53 | 0.27 | 0.09 | 42.31 | 75 | 0.20 | 5.16 | 10 | 3664 | 5375 | 9237 | 18277 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1413-2

PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 420 | 30 | 16 | 466 | 1400 | 1 |
| 1 | 2000 | 0.00 | 17 | 0.00 | 0.01 | 0 | 1450 | 100 | 2.1 | 47 | 0.05 | 0.03 | 0.09 | 4.00 | 50 | 0.01 | 0.03 | 57 | 420 | 30 | 16 | 467 | 2000 | 1 |
| 2 | 200 | 0.00 | 17 | 0.00 | 0.03 | 0 | 1460 | 100 | 2.1 | 47 | 0.05 | 0.03 | 0.09 | 3.99 | 50 | 0.01 | 0.03 | 57 | 420 | 35 | 16 | 473 | 200 | 2 |
| 2 | 800 | 0.00 | 17 | 0.00 | 0.04 | 0 | 1470 | 100 | 2.1 | 47 | 0.05 | 0.03 | 0.09 | 3.98 | 50 | 0.01 | 0.03 | 57 | 420 | 48 | 18 | 487 | 800 | 2 |
| 2 | 1400 | 0.00 | 17 | 0.00 | 0.05 | 0 | 1480 | 100 | 2.1 | 47 | 0.05 | 0.03 | 0.09 | 3.97 | 50 | 0.01 | 0.03 | 57 | 420 | 72 | 20 | 514 | 1400 | 2 |
| 2 | 2000 | 0.00 | 17 | 0.00 | 0.06 | 0 | 1490 | 100 | 2.1 | 47 | 0.05 | 0.03 | 0.09 | 3.96 | 50 | 0.01 | 0.04 | 57 | 420 | 107 | 23 | 551 | 2000 | 2 |
| 3 | 200 | 0.00 | 17 | 0.00 | 0.08 | 0 | 1500 | 100 | 2.1 | 47 | 0.05 | 0.03 | 0.09 | 3.95 | 50 | 0.01 | 0.04 | 56 | 420 | 149 | 25 | 595 | 200 | 3 |
| 3 | 800 | 0.00 | 17 | 0.00 | 0.09 | 0 | 1510 | 100 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.94 | 49 | 0.01 | 0.04 | 56 | 420 | 197 | 27 | 645 | 800 | 3 |
| 3 | 1400 | 0.00 | 17 | 0.00 | 0.10 | 0 | 1520 | 100 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.93 | 49 | 0.01 | 0.04 | 56 | 420 | 246 | 28 | 695 | 1400 | 3 |
| 3 | 2000 | 0.00 | 17 | 0.00 | 0.11 | 0 | 1530 | 100 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.92 | 49 | 0.01 | 0.04 | 56 | 420 | 294 | 29 | 744 | 2000 | 3 |
| 4 | 200 | 0.00 | 17 | 0.00 | 0.12 | 0 | 1540 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.91 | 49 | 0.01 | 0.04 | 56 | 420 | 339 | 29 | 789 | 200 | 4 |
| 4 | 800 | 0.00 | 17 | 0.00 | 0.14 | 0 | 1550 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.90 | 49 | 0.01 | 0.04 | 56 | 420 | 380 | 29 | 830 | 800 | 4 |
| 4 | 1400 | 0.00 | 17 | 0.00 | 0.15 | 0 | 1559 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.89 | 49 | 0.01 | 0.04 | 56 | 420 | 415 | 29 | 865 | 1400 | 4 |
| 4 | 2000 | 0.00 | 17 | 0.00 | 0.16 | 0 | 1569 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.88 | 49 | 0.01 | 0.04 | 56 | 420 | 445 | 29 | 896 | 2000 | 4 |
| 5 | 200 | 0.00 | 17 | 0.00 | 0.17 | 0 | 1579 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.87 | 49 | 0.01 | 0.04 | 56 | 420 | 471 | 29 | 921 | 200 | 5 |
| 5 | 800 | 0.00 | 17 | 0.00 | 0.18 | 0 | 1588 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.86 | 49 | 0.01 | 0.04 | 56 | 420 | 491 | 29 | 942 | 800 | 5 |
| 5 | 1400 | 0.00 | 17 | 0.00 | 0.20 | 0 | 1598 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.85 | 49 | 0.01 | 0.04 | 56 | 420 | 508 | 29 | 959 | 1400 | 5 |
| 5 | 2000 | 0.00 | 17 | 0.00 | 0.21 | 0 | 1608 | 99 | 2.1 | 47 | 0.05 | 0.02 | 0.09 | 3.84 | 48 | 0.01 | 0.04 | 56 | 420 | 521 | 29 | 972 | 2000 | 5 |
| 6 | 200 | 0.00 | 17 | 0.00 | 0.22 | 0 | 1617 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.83 | 48 | 0.01 | 0.04 | 56 | 420 | 531 | 29 | 982 | 200 | 6 |
| 6 | 800 | 0.00 | 17 | 0.00 | 0.23 | 0 | 1627 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.82 | 48 | 0.01 | 0.04 | 56 | 420 | 539 | 29 | 989 | 800 | 6 |
| 6 | 1400 | 0.00 | 17 | 0.00 | 0.24 | 0 | 1636 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.81 | 48 | 0.01 | 0.04 | 56 | 420 | 544 | 29 | 995 | 1400 | 6 |
| 6 | 2000 | 0.00 | 17 | 0.00 | 0.25 | 0 | 1645 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.80 | 48 | 0.01 | 0.04 | 56 | 420 | 548 | 29 | 999 | 2000 | 6 |
| 7 | 200 | 0.00 | 17 | 0.00 | 0.27 | 0 | 1655 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.79 | 48 | 0.01 | 0.04 | 56 | 420 | 551 | 29 | 1001 | 200 | 7 |
| 7 | 800 | 0.00 | 17 | 0.00 | 0.28 | 0 | 1664 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.78 | 48 | 0.01 | 0.04 | 56 | 420 | 552 | 29 | 1003 | 800 | 7 |
| 7 | 1400 | 0.00 | 17 | 0.00 | 0.29 | 1 | 1673 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.77 | 48 | 0.01 | 0.04 | 56 | 420 | 553 | 29 | 1004 | 1400 | 7 |
| 7 | 2000 | 0.00 | 17 | 0.00 | 0.30 | 1 | 1682 | 99 | 2.1 | 46 | 0.05 | 0.02 | 0.09 | 3.76 | 48 | 0.01 | 0.04 | 56 | 421 | 553 | 28 | 1004 | 2000 | 7 |
| 8 | 200 | 0.00 | 17 | 0.00 | 0.31 | 1 | 1692 | 99 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.75 | 48 | 0.01 | 0.04 | 56 | 421 | 553 | 28 | 1003 | 200 | 8 |
| 8 | 800 | 0.00 | 17 | 0.00 | 0.32 | 1 | 1701 | 99 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.74 | 47 | 0.01 | 0.04 | 56 | 421 | 552 | 28 | 1003 | 800 | 8 |
| 8 | 1400 | 0.00 | 17 | 0.00 | 0.33 | 1 | 1710 | 99 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.73 | 47 | 0.01 | 0.04 | 56 | 421 | 551 | 28 | 1002 | 1400 | 8 |
| 8 | 2000 | 0.00 | 17 | 0.00 | 0.35 | 1 | 1719 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.73 | 47 | 0.01 | 0.04 | 56 | 422 | 549 | 28 | 1000 | 2000 | 8 |
| 9 | 200 | 0.00 | 17 | 0.00 | 0.36 | 1 | 1728 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.72 | 47 | 0.01 | 0.04 | 56 | 422 | 548 | 28 | 999 | 200 | 9 |
| 9 | 800 | 0.00 | 17 | 0.00 | 0.37 | 1 | 1737 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.71 | 47 | 0.01 | 0.04 | 56 | 422 | 546 | 28 | 998 | 800 | 9 |
| 9 | 1400 | 0.00 | 17 | 0.00 | 0.38 | 1 | 1746 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.70 | 47 | 0.01 | 0.04 | 56 | 423 | 544 | 28 | 996 | 1400 | 9 |
| 9 | 2000 | 0.00 | 17 | 0.00 | 0.39 | 1 | 1755 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.69 | 47 | 0.01 | 0.04 | 56 | 423 | 542 | 28 | 995 | 2000 | 9 |
| 10 | 200 | 0.00 | 17 | 0.00 | 0.40 | 1 | 1764 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.68 | 47 | 0.01 | 0.04 | 56 | 423 | 540 | 27 | 993 | 200 | 10 |
| 10 | 800 | 0.00 | 17 | 0.00 | 0.41 | 1 | 1772 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.67 | 47 | 0.01 | 0.04 | 56 | 424 | 538 | 27 | 991 | 800 | 10 |
| 10 | 1400 | 0.00 | 17 | 0.00 | 0.42 | 1 | 1781 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.66 | 47 | 0.01 | 0.04 | 56 | 424 | 536 | 27 | 990 | 1400 | 10 |
| 10 | 2000 | 0.00 | 17 | 0.00 | 0.43 | 1 | 1790 | 98 | 2.0 | 46 | 0.05 | 0.02 | 0.09 | 3.65 | 46 | 0.01 | 0.04 | 56 | 425 | 534 | 27 | 988 | 2000 | 10 |
| 11 | 200 | 0.00 | 17 | 0.00 | 0.44 | 1 | 1799 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.64 | 46 | 0.01 | 0.04 | 56 | 426 | 532 | 27 | 986 | 200 | 11 |
| 11 | 800 | 0.00 | 17 | 0.00 | 0.46 | 1 | 1807 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.63 | 46 | 0.01 | 0.04 | 56 | 426 | 530 | 27 | 985 | 800 | 11 |
| 11 | 1400 | 0.00 | 17 | 0.00 | 0.47 | 1 | 1816 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.62 | 46 | 0.01 | 0.04 | 56 | 427 | 528 | 27 | 983 | 1400 | 11 |
| 11 | 2000 | 0.00 | 17 | 0.00 | 0.48 | 1 | 1825 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.61 | 46 | 0.01 | 0.04 | 56 | 427 | 526 | 27 | 981 | 2000 | 11 |
| 12 | 200 | 0.00 | 17 | 0.00 | 0.49 | 1 | 1833 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.60 | 46 | 0.01 | 0.04 | 56 | 428 | 524 | 27 | 980 | 200 | 12 |
| 12 | 800 | 0.00 | 17 | 0.00 | 0.50 | 1 | 1842 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.59 | 46 | 0.01 | 0.04 | 56 | 429 | 521 | 26 | 978 | 800 | 12 |



FORM 1613
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE 310881 | RUN NO. | INITIAL DATE, HOUR 1 MAY 1972 1400 | JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF | N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.102 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %PA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 1972 | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 17 | 0.00 | 0.51 | 1 | 1850 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.58 | 46 | 0.01 | 0.04 | 56 | 430 | 519 | 26 | 977 | 1400 | 12 |
| 12 | 2000 | 0.00 | 17 | 0.00 | 0.52 | 1 | 1859 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.57 | 46 | 0.01 | 0.04 | 56 | 431 | 517 | 26 | 975 | 2000 | 12 |
| 13 | 200 | 0.00 | 17 | 0.00 | 0.53 | 1 | 1867 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.56 | 46 | 0.01 | 0.04 | 56 | 431 | 515 | 26 | 974 | 200 | 13 |
| 13 | 800 | 0.00 | 17 | 0.00 | 0.54 | 1 | 1875 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.55 | 45 | 0.01 | 0.04 | 56 | 432 | 513 | 26 | 973 | 800 | 13 |
| 13 | 1400 | 0.00 | 17 | 0.00 | 0.55 | 1 | 1884 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.54 | 45 | 0.01 | 0.04 | 56 | 433 | 510 | 26 | 971 | 1400 | 13 |
| 13 | 2000 | 0.00 | 17 | 0.00 | 0.56 | 1 | 1892 | 98 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.53 | 45 | 0.01 | 0.04 | 56 | 434 | 508 | 26 | 970 | 2000 | 13 |
| 14 | 200 | 0.00 | 17 | 0.00 | 0.57 | 1 | 1900 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.52 | 45 | 0.01 | 0.04 | 56 | 435 | 506 | 26 | 969 | 200 | 14 |
| 14 | 800 | 0.00 | 17 | 0.00 | 0.58 | 1 | 1909 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.51 | 45 | 0.01 | 0.04 | 56 | 437 | 504 | 26 | 967 | 800 | 14 |
| 14 | 1400 | 0.00 | 17 | 0.00 | 0.59 | 1 | 1917 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.50 | 45 | 0.01 | 0.04 | 56 | 438 | 502 | 25 | 966 | 1400 | 14 |
| 14 | 2000 | 0.00 | 17 | 0.00 | 0.60 | 1 | 1925 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.49 | 45 | 0.01 | 0.04 | 56 | 439 | 500 | 25 | 965 | 2000 | 14 |
| 15 | 200 | 0.00 | 17 | 0.00 | 0.61 | 1 | 1933 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.48 | 45 | 0.01 | 0.04 | 56 | 440 | 497 | 25 | 964 | 200 | 15 |
| 15 | 800 | 0.00 | 17 | 0.00 | 0.62 | 1 | 1941 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.47 | 45 | 0.01 | 0.04 | 56 | 441 | 495 | 25 | 963 | 800 | 15 |
| 15 | 1400 | 0.00 | 17 | 0.00 | 0.63 | 1 | 1949 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.46 | 45 | 0.01 | 0.04 | 56 | 443 | 493 | 25 | 962 | 1400 | 15 |
| 15 | 2000 | 0.00 | 17 | 0.00 | 0.64 | 1 | 1957 | 97 | 2.0 | 45 | 0.05 | 0.02 | 0.09 | 3.45 | 45 | 0.01 | 0.04 | 56 | 444 | 491 | 25 | 961 | 2000 | 15 |
| 16 | 200 | 0.00 | 17 | 0.00 | 0.65 | 1 | 1965 | 97 | 1.9 | 45 | 0.05 | 0.02 | 0.09 | 3.44 | 44 | 0.01 | 0.04 | 56 | 445 | 489 | 25 | 960 | 200 | 16 |
| 16 | 800 | 0.00 | 17 | 0.00 | 0.66 | 1 | 1973 | 97 | 1.9 | 45 | 0.05 | 0.02 | 0.09 | 3.43 | 44 | 0.01 | 0.04 | 56 | 447 | 486 | 25 | 959 | 800 | 16 |
| 16 | 1400 | 0.00 | 17 | 0.00 | 0.67 | 1 | 1981 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.42 | 44 | 0.01 | 0.04 | 56 | 448 | 484 | 24 | 958 | 1400 | 16 |
| 16 | 2000 | 0.00 | 17 | 0.00 | 0.68 | 1 | 1989 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.41 | 44 | 0.01 | 0.04 | 56 | 449 | 482 | 24 | 957 | 2000 | 16 |
| 17 | 200 | 0.00 | 17 | 0.00 | 0.69 | 1 | 1997 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.40 | 44 | 0.01 | 0.04 | 56 | 451 | 480 | 24 | 957 | 200 | 17 |
| 17 | 800 | 0.00 | 17 | 0.00 | 0.70 | 1 | 2001 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.39 | 44 | 0.01 | 0.04 | 56 | 452 | 478 | 24 | 956 | 800 | 17 |
| 17 | 1400 | 0.00 | 17 | 0.00 | 0.71 | 1 | 2003 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.38 | 44 | 0.01 | 0.04 | 56 | 454 | 476 | 24 | 955 | 1400 | 17 |
| 17 | 2000 | 0.00 | 17 | 0.00 | 0.72 | 1 | 2005 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.37 | 44 | 0.01 | 0.04 | 56 | 456 | 474 | 24 | 955 | 2000 | 17 |
| 18 | 200 | 0.00 | 17 | 0.00 | 0.73 | 1 | 2006 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.36 | 44 | 0.01 | 0.04 | 56 | 457 | 471 | 24 | 954 | 200 | 18 |
| 18 | 800 | 0.00 | 17 | 0.00 | 0.74 | 1 | 2008 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.35 | 44 | 0.01 | 0.04 | 56 | 459 | 469 | 24 | 953 | 800 | 18 |
| 18 | 1400 | 0.00 | 17 | 0.00 | 0.75 | 1 | 2010 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.34 | 43 | 0.01 | 0.04 | 56 | 460 | 467 | 24 | 953 | 1400 | 18 |
| 18 | 2000 | 0.00 | 17 | 0.00 | 0.76 | 1 | 2011 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.34 | 43 | 0.01 | 0.04 | 56 | 462 | 465 | 23 | 952 | 2000 | 18 |
| 19 | 200 | 0.00 | 17 | 0.00 | 0.77 | 1 | 2013 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.33 | 43 | 0.01 | 0.04 | 56 | 464 | 463 | 23 | 952 | 200 | 19 |
| 19 | 800 | 0.00 | 17 | 0.00 | 0.78 | 1 | 2015 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.32 | 43 | 0.01 | 0.04 | 56 | 465 | 461 | 23 | 951 | 800 | 19 |
| 19 | 1400 | 0.00 | 17 | 0.00 | 0.79 | 1 | 2016 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.31 | 43 | 0.01 | 0.04 | 56 | 467 | 459 | 23 | 951 | 1400 | 19 |
| 19 | 2000 | 0.00 | 17 | 0.00 | 0.79 | 1 | 2018 | 97 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.30 | 43 | 0.01 | 0.04 | 56 | 469 | 457 | 23 | 950 | 2000 | 19 |
| 20 | 200 | 0.00 | 17 | 0.00 | 0.80 | 1 | 2020 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.29 | 43 | 0.01 | 0.04 | 56 | 471 | 455 | 23 | 950 | 200 | 20 |
| 20 | 800 | 0.00 | 17 | 0.00 | 0.81 | 1 | 2021 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.28 | 43 | 0.01 | 0.04 | 56 | 473 | 453 | 23 | 950 | 800 | 20 |
| 20 | 1400 | 0.00 | 17 | 0.00 | 0.82 | 1 | 2023 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.27 | 43 | 0.01 | 0.04 | 56 | 474 | 451 | 23 | 949 | 1400 | 20 |
| 20 | 2000 | 0.00 | 17 | 0.00 | 0.83 | 1 | 2025 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.26 | 43 | 0.01 | 0.04 | 56 | 476 | 449 | 23 | 949 | 2000 | 20 |
| 21 | 200 | 0.00 | 17 | 0.00 | 0.84 | 1 | 2026 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.25 | 42 | 0.01 | 0.04 | 56 | 478 | 447 | 23 | 949 | 200 | 21 |
| 21 | 800 | 0.00 | 17 | 0.00 | 0.85 | 1 | 2028 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.24 | 42 | 0.01 | 0.04 | 56 | 480 | 445 | 22 | 948 | 800 | 21 |
| 21 | 1400 | 0.00 | 17 | 0.00 | 0.86 | 2 | 2029 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.23 | 42 | 0.01 | 0.04 | 56 | 482 | 443 | 22 | 948 | 1400 | 21 |
| 21 | 2000 | 0.00 | 17 | 0.00 | 0.87 | 2 | 2031 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.22 | 42 | 0.01 | 0.04 | 56 | 484 | 441 | 22 | 948 | 2000 | 21 |
| 22 | 200 | 0.00 | 17 | 0.00 | 0.88 | 2 | 2033 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.21 | 42 | 0.01 | 0.04 | 56 | 485 | 439 | 22 | 948 | 200 | 22 |
| 22 | 800 | 0.00 | 17 | 0.00 | 0.89 | 2 | 2034 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.20 | 42 | 0.01 | 0.04 | 56 | 487 | 437 | 22 | 947 | 800 | 22 |
| 22 | 1400 | 0.00 | 17 | 0.00 | 0.89 | 2 | 2036 | 96 | 1.9 | 44 | 0.05 | 0.02 | 0.09 | 3.19 | 42 | 0.01 | 0.04 | 56 | 489 | 435 | 22 | 947 | 1400 | 22 |
| 22 | 2000 | 0.00 | 17 | 0.00 | 0.90 | 2 | 2037 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.18 | 42 | 0.01 | 0.04 | 56 | 491 | 433 | 22 | 947 | 2000 | 22 |
| 23 | 200 | 0.00 | 17 | 0.00 | 0.91 | 2 | 2039 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.17 | 42 | 0.01 | 0.04 | 56 | 493 | 431 | 22 | 947 | 200 | 23 |
| 23 | 800 | 0.00 | 17 | 0.00 | 0.92 | 2 | 2040 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.16 | 42 | 0.01 | 0.04 | 56 | 495 | 429 | 22 | 947 | 800 | 23 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.104 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | GEP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 17 | 0.00 | 0.93 | 2 | 2042 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.15 | 42 | 0.01 | 0.04 | 56 | 497 | 427 | 22 | 947 | 1400 | 23 |
| 23 | 2000 | 0.00 | 17 | 0.00 | 0.94 | 2 | 2044 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.14 | 41 | 0.01 | 0.04 | 56 | 499 | 425 | 21 | 946 | 2000 | 23 |
| 24 | 200 | 0.00 | 17 | 0.00 | 0.95 | 2 | 2045 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.13 | 41 | 0.01 | 0.04 | 56 | 501 | 423 | 21 | 946 | 200 | 24 |
| 24 | 800 | 0.00 | 17 | 0.00 | 0.96 | 2 | 2047 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.12 | 41 | 0.01 | 0.04 | 56 | 502 | 421 | 21 | 946 | 800 | 24 |
| 24 | 1400 | 0.00 | 17 | 0.00 | 0.96 | 2 | 2048 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.11 | 41 | 0.01 | 0.04 | 56 | 504 | 419 | 21 | 946 | 1400 | 24 |
| 24 | 2000 | 0.00 | 17 | 0.00 | 0.97 | 2 | 2050 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.10 | 41 | 0.01 | 0.04 | 56 | 506 | 417 | 21 | 946 | 2000 | 24 |
| 25 | 200 | 0.00 | 17 | 0.00 | 0.98 | 2 | 2051 | 96 | 1.9 | 43 | 0.05 | 0.02 | 0.09 | 3.09 | 41 | 0.01 | 0.04 | 56 | 508 | 415 | 21 | 946 | 200 | 25 |
| 25 | 800 | 0.00 | 17 | 0.00 | 0.99 | 2 | 2053 | 96 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.08 | 41 | 0.01 | 0.04 | 56 | 510 | 413 | 21 | 946 | 800 | 25 |
| 25 | 1400 | 0.00 | 17 | 0.00 | 1.00 | 2 | 2054 | 96 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.07 | 41 | 0.01 | 0.04 | 56 | 512 | 411 | 21 | 945 | 1400 | 25 |
| 25 | 2000 | 0.00 | 17 | 0.00 | 1.01 | 2 | 2056 | 96 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.06 | 41 | 0.01 | 0.04 | 56 | 513 | 410 | 21 | 945 | 2000 | 25 |
| 26 | 200 | 0.00 | 17 | 0.00 | 1.01 | 2 | 2057 | 96 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.05 | 41 | 0.01 | 0.04 | 56 | 515 | 408 | 21 | 945 | 200 | 26 |
| 26 | 800 | 0.00 | 17 | 0.00 | 1.02 | 2 | 2059 | 96 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.04 | 40 | 0.01 | 0.04 | 56 | 517 | 406 | 20 | 945 | 800 | 26 |
| 26 | 1400 | 0.00 | 17 | 0.00 | 1.03 | 2 | 2060 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.03 | 40 | 0.01 | 0.04 | 56 | 519 | 404 | 20 | 945 | 1400 | 26 |
| 26 | 2000 | 0.00 | 17 | 0.00 | 1.04 | 2 | 2062 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.03 | 40 | 0.01 | 0.04 | 56 | 521 | 402 | 20 | 945 | 2000 | 26 |
| 27 | 200 | 0.00 | 17 | 0.00 | 1.05 | 2 | 2063 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.02 | 40 | 0.01 | 0.04 | 56 | 522 | 400 | 20 | 944 | 200 | 27 |
| 27 | 800 | 0.00 | 17 | 0.00 | 1.06 | 2 | 2065 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.01 | 40 | 0.01 | 0.04 | 56 | 524 | 399 | 20 | 944 | 800 | 27 |
| 27 | 1400 | 0.00 | 17 | 0.00 | 1.06 | 2 | 2066 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 3.00 | 40 | 0.01 | 0.04 | 56 | 526 | 397 | 20 | 944 | 1400 | 27 |
| 27 | 2000 | 0.00 | 17 | 0.00 | 1.07 | 2 | 2068 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.99 | 40 | 0.01 | 0.04 | 56 | 527 | 395 | 20 | 944 | 2000 | 27 |
| 28 | 200 | 0.00 | 17 | 0.00 | 1.08 | 2 | 2069 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.98 | 40 | 0.01 | 0.04 | 56 | 529 | 393 | 20 | 944 | 200 | 28 |
| 28 | 800 | 0.00 | 17 | 0.00 | 1.09 | 2 | 2070 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.97 | 40 | 0.01 | 0.04 | 56 | 531 | 391 | 20 | 943 | 800 | 28 |
| 28 | 1400 | 0.00 | 17 | 0.00 | 1.10 | 2 | 2072 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.96 | 40 | 0.01 | 0.04 | 56 | 532 | 390 | 20 | 943 | 1400 | 28 |
| 28 | 2000 | 0.00 | 17 | 0.00 | 1.10 | 2 | 2073 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.95 | 39 | 0.01 | 0.04 | 56 | 534 | 388 | 20 | 943 | 2000 | 28 |
| 29 | 200 | 0.00 | 17 | 0.00 | 1.11 | 2 | 2075 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.94 | 39 | 0.01 | 0.04 | 56 | 536 | 386 | 19 | 943 | 200 | 29 |
| 29 | 800 | 0.00 | 17 | 0.00 | 1.12 | 2 | 2076 | 95 | 1.8 | 43 | 0.05 | 0.02 | 0.09 | 2.93 | 39 | 0.01 | 0.04 | 56 | 537 | 384 | 19 | 942 | 800 | 29 |
| 29 | 1400 | 0.00 | 17 | 0.00 | 1.13 | 2 | 2077 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.92 | 39 | 0.01 | 0.04 | 56 | 539 | 383 | 19 | 942 | 1400 | 29 |
| 29 | 2000 | 0.00 | 17 | 0.00 | 1.14 | 2 | 2079 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.91 | 39 | 0.01 | 0.04 | 56 | 540 | 381 | 19 | 942 | 2000 | 29 |
| 30 | 200 | 0.00 | 17 | 0.00 | 1.14 | 2 | 2080 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.90 | 39 | 0.01 | 0.04 | 56 | 542 | 379 | 19 | 941 | 200 | 30 |
| 30 | 800 | 0.00 | 17 | 0.00 | 1.15 | 2 | 2082 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.89 | 39 | 0.01 | 0.03 | 56 | 543 | 377 | 19 | 941 | 800 | 30 |
| 30 | 1400 | 0.00 | 17 | 0.00 | 1.16 | 2 | 2083 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.88 | 39 | 0.01 | 0.03 | 57 | 544 | 376 | 19 | 940 | 1400 | 30 |
| 30 | 2000 | 0.00 | 17 | 0.00 | 1.17 | 2 | 2084 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.87 | 39 | 0.01 | 0.03 | 57 | 546 | 374 | 19 | 940 | 2000 | 30 |
| 31 | 200 | 0.00 | 17 | 0.00 | 1.17 | 2 | 2086 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.86 | 39 | 0.01 | 0.03 | 57 | 547 | 372 | 19 | 940 | 200 | 31 |
| 31 | 800 | 0.00 | 17 | 0.00 | 1.18 | 2 | 2087 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.85 | 39 | 0.01 | 0.03 | 57 | 548 | 371 | 19 | 939 | 800 | 31 |
| 31 | 1400 | 0.00 | 17 | 0.00 | 1.19 | 2 | 2089 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.84 | 38 | 0.01 | 0.03 | 57 | 550 | 369 | 19 | 939 | 1400 | 31 |
| 31 | 2000 | 0.00 | 17 | 0.00 | 1.20 | 2 | 2090 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.83 | 38 | 0.01 | 0.03 | 57 | 551 | 367 | 18 | 938 | 2000 | 31 |



FORM 1115
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.105 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 17 | 0.00 | 1.21 | 2 | 2091 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.82 | 38 | 0.01 | 0.03 | 57 | 552 | 366 | 18 | 938 | 200 | 1 |
| 1 | 800 | 0.00 | 17 | 0.00 | 1.21 | 2 | 2093 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.81 | 38 | 0.01 | 0.03 | 57 | 553 | 364 | 18 | 937 | 800 | 1 |
| 1 | 1400 | 0.00 | 17 | 0.00 | 1.22 | 2 | 2094 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.80 | 38 | 0.01 | 0.03 | 57 | 554 | 362 | 18 | 937 | 1400 | 1 |
| 1 | 2000 | 0.00 | 17 | 0.00 | 1.23 | 2 | 2095 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.79 | 38 | 0.01 | 0.03 | 57 | 556 | 361 | 18 | 936 | 2000 | 1 |
| 2 | 200 | 0.00 | 17 | 0.00 | 1.24 | 2 | 2097 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.78 | 38 | 0.01 | 0.03 | 57 | 557 | 359 | 18 | 935 | 200 | 2 |
| 2 | 800 | 0.00 | 17 | 0.00 | 1.24 | 2 | 2098 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.78 | 38 | 0.01 | 0.03 | 57 | 558 | 357 | 18 | 935 | 800 | 2 |
| 2 | 1400 | 0.00 | 17 | 0.00 | 1.25 | 2 | 2099 | 95 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.77 | 38 | 0.01 | 0.03 | 57 | 559 | 356 | 18 | 934 | 1400 | 2 |
| 2 | 2000 | 0.00 | 17 | 0.00 | 1.26 | 2 | 2101 | 94 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.76 | 38 | 0.01 | 0.03 | 57 | 560 | 354 | 18 | 933 | 2000 | 2 |
| 3 | 200 | 0.00 | 17 | 0.00 | 1.26 | 2 | 2102 | 94 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.75 | 37 | 0.01 | 0.03 | 57 | 561 | 353 | 18 | 932 | 200 | 3 |
| 3 | 800 | 0.00 | 17 | 0.00 | 1.27 | 2 | 2103 | 94 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.74 | 37 | 0.01 | 0.03 | 57 | 562 | 351 | 18 | 932 | 800 | 3 |
| 3 | 1400 | 0.00 | 17 | 0.00 | 1.28 | 2 | 2104 | 94 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.73 | 37 | 0.01 | 0.03 | 57 | 562 | 349 | 18 | 931 | 1400 | 3 |
| 3 | 2000 | 0.00 | 17 | 0.00 | 1.29 | 2 | 2106 | 94 | 1.8 | 42 | 0.05 | 0.02 | 0.09 | 2.72 | 37 | 0.01 | 0.03 | 57 | 563 | 348 | 17 | 930 | 2000 | 3 |
| 4 | 200 | 0.00 | 25 | 0.00 | 1.30 | 2 | 2107 | 94 | 2.2 | 55 | 0.06 | 0.03 | 0.09 | 2.71 | 37 | 0.01 | 0.03 | 57 | 564 | 347 | 17 | 930 | 200 | 4 |
| 4 | 800 | 0.00 | 25 | 0.00 | 1.31 | 2 | 2109 | 94 | 2.2 | 55 | 0.06 | 0.03 | 0.09 | 2.71 | 37 | 0.01 | 0.03 | 57 | 565 | 347 | 18 | 931 | 800 | 4 |
| 4 | 1400 | 0.00 | 49 | 0.00 | 1.34 | 2 | 2111 | 94 | 3.6 | 73 | 0.09 | 0.07 | 0.09 | 2.71 | 37 | 0.03 | 0.04 | 57 | 566 | 352 | 20 | 938 | 1400 | 4 |
| 4 | 2000 | 0.00 | 49 | 0.00 | 1.36 | 2 | 2116 | 94 | 3.6 | 72 | 0.09 | 0.07 | 0.09 | 2.73 | 37 | 0.03 | 0.04 | 56 | 566 | 365 | 23 | 956 | 2000 | 4 |
| 5 | 200 | 0.00 | 79 | 0.00 | 1.41 | 2 | 2120 | 94 | 6.1 | 88 | 0.16 | 0.14 | 0.09 | 2.75 | 38 | 0.05 | 0.05 | 56 | 567 | 395 | 30 | 993 | 200 | 5 |
| 5 | 800 | 0.00 | 87 | 0.00 | 1.48 | 3 | 2130 | 94 | 7.0 | 90 | 0.19 | 0.17 | 0.09 | 2.82 | 38 | 0.06 | 0.07 | 55 | 568 | 451 | 41 | 1061 | 800 | 5 |
| 5 | 1400 | 0.00 | 97 | 0.00 | 1.58 | 3 | 2141 | 93 | 10.1 | 92 | 0.27 | 0.25 | 0.09 | 2.91 | 39 | 0.10 | 0.09 | 53 | 568 | 548 | 59 | 1177 | 1400 | 5 |
| 5 | 2000 | 0.00 | 99 | 0.00 | 1.71 | 3 | 2158 | 93 | 13.2 | 93 | 0.35 | 0.33 | 0.09 | 3.05 | 41 | 0.13 | 0.12 | 51 | 569 | 707 | 86 | 1364 | 2000 | 5 |
| 6 | 200 | 0.00 | 99 | 0.00 | 1.86 | 3 | 2182 | 92 | 14.2 | 92 | 0.38 | 0.35 | 0.09 | 3.24 | 42 | 0.15 | 0.15 | 49 | 569 | 951 | 128 | 1650 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 2.05 | 4 | 2208 | 91 | 17.3 | 92 | 0.47 | 0.43 | 0.09 | 3.44 | 44 | 0.19 | 0.19 | 48 | 570 | 1303 | 189 | 2064 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 2.27 | 4 | 2242 | 90 | 19.4 | 91 | 0.53 | 0.48 | 0.09 | 3.68 | 47 | 0.22 | 0.23 | 46 | 570 | 1784 | 278 | 2633 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 2.64 | 4 | 2282 | 89 | 21.4 | 90 | 0.59 | 0.53 | 0.09 | 3.94 | 49 | 0.26 | 0.29 | 42 | 571 | 2412 | 403 | 3388 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 2.85 | 5 | 2329 | 87 | 24.5 | 89 | 0.68 | 0.61 | 0.09 | 4.22 | 52 | 0.32 | 0.36 | 38 | 571 | 3207 | 585 | 4364 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 3.21 | 6 | 2385 | 86 | 26.6 | 87 | 0.75 | 0.65 | 0.09 | 4.53 | 55 | 0.36 | 0.43 | 34 | 572 | 4192 | 856 | 5622 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 3.62 | 6 | 2449 | 84 | 28.6 | 86 | 0.82 | 0.70 | 0.09 | 4.85 | 58 | 0.41 | 0.52 | 31 | 572 | 5393 | 1269 | 7236 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 4.04 | 7 | 2522 | 82 | 28.0 | 84 | 0.81 | 0.68 | 0.09 | 5.17 | 62 | 0.42 | 0.61 | 29 | 573 | 6825 | 1872 | 9272 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 4.47 | 8 | 2596 | 80 | 27.2 | 82 | 0.80 | 0.66 | 0.09 | 5.46 | 65 | 0.43 | 0.70 | 27 | 573 | 8476 | 2668 | 11719 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 4.91 | 9 | 2672 | 79 | 27.1 | 80 | 0.81 | 0.65 | 0.09 | 5.73 | 67 | 0.44 | 0.79 | 25 | 574 | 10304 | 3602 | 14481 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.01 | 5.35 | 9 | 2729 | 78 | 26.2 | 79 | 0.80 | 0.64 | 0.09 | 5.98 | 70 | 0.45 | 0.87 | 24 | 575 | 12240 | 4609 | 17426 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.02 | 5.80 | 10 | 2781 | 76 | 26.2 | 78 | 0.81 | 0.64 | 0.09 | 6.21 | 72 | 0.46 | 0.96 | 22 | 576 | 14212 | 5654 | 20444 | 2000 | 8 |
| 9 | 200 | 0.04 | 100 | 0.05 | 6.25 | 11 | 2835 | 75 | 25.6 | 76 | 0.80 | 0.65 | 0.09 | 6.42 | 74 | 0.49 | 1.06 | 21 | 577 | 16156 | 6736 | 23471 | 200 | 9 |
| 9 | 800 | 0.04 | 100 | 0.08 | 6.72 | 12 | 2888 | 74 | 25.6 | 75 | 0.81 | 0.65 | 0.09 | 6.62 | 76 | 0.50 | 1.15 | 19 | 579 | 18022 | 7887 | 26489 | 800 | 9 |
| 9 | 1400 | 0.04 | 100 | 0.12 | 7.18 | 13 | 2944 | 72 | 25.0 | 74 | 0.81 | 0.64 | 0.09 | 6.81 | 78 | 0.50 | 1.24 | 19 | 580 | 19774 | 9126 | 29482 | 1400 | 9 |
| 9 | 2000 | 0.05 | 100 | 0.15 | 7.65 | 13 | 2999 | 71 | 24.9 | 72 | 0.82 | 0.64 | 0.09 | 6.98 | 80 | 0.51 | 1.33 | 18 | 582 | 21389 | 10426 | 32398 | 2000 | 9 |
| 10 | 200 | 0.13 | 100 | 0.26 | 8.12 | 14 | 3033 | 70 | 24.0 | 71 | 0.80 | 0.70 | 0.09 | 7.15 | 81 | 0.57 | 1.43 | 17 | 584 | 22850 | 11794 | 35230 | 200 | 10 |
| 10 | 800 | 0.14 | 100 | 0.38 | 8.59 | 15 | 3066 | 68 | 24.0 | 70 | 0.81 | 0.70 | 0.09 | 7.32 | 83 | 0.59 | 1.54 | 16 | 587 | 24153 | 13351 | 38093 | 800 | 10 |
| 10 | 1400 | 0.14 | 100 | 0.50 | 9.06 | 16 | 3100 | 67 | 23.7 | 68 | 0.82 | 0.70 | 0.09 | 7.47 | 85 | 0.59 | 1.64 | 15 | 590 | 25301 | 15209 | 41101 | 1400 | 10 |
| 10 | 2000 | 0.14 | 100 | 0.62 | 9.53 | 17 | 3134 | 65 | 23.6 | 67 | 0.83 | 0.69 | 0.09 | 7.61 | 86 | 0.60 | 1.74 | 14 | 594 | 26295 | 17325 | 44216 | 2000 | 10 |
| 11 | 200 | 0.10 | 100 | 0.71 | 9.99 | 18 | 3168 | 64 | 22.7 | 65 | 0.81 | 0.63 | 0.09 | 7.74 | 87 | 0.55 | 1.83 | 13 | 598 | 27136 | 19503 | 47239 | 200 | 11 |
| 11 | 800 | 0.10 | 100 | 0.80 | 10.45 | 18 | 3202 | 63 | 22.7 | 64 | 0.82 | 0.63 | 0.09 | 7.85 | 89 | 0.56 | 1.92 | 12 | 603 | 27822 | 21476 | 49902 | 800 | 11 |
| 11 | 1400 | 0.15 | 100 | 0.94 | 10.91 | 19 | 3235 | 61 | 22.4 | 63 | 0.82 | 0.67 | 0.09 | 7.95 | 89 | 0.60 | 2.01 | 11 | 608 | 28351 | 23104 | 52065 | 1400 | 11 |
| 11 | 2000 | 0.37 | 100 | 1.28 | 11.37 | 20 | 3268 | 60 | 22.3 | 61 | 0.82 | 0.88 | 0.09 | 8.05 | 90 | 0.79 | 2.15 | 10 | 615 | 28736 | 24714 | 54066 | 2000 | 11 |

FORM 1121-E
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA REP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.153 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | RII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.13 | 100 | 1.39 | 11.78 | 21 | 3301 | 59 | 20.1 | 60 | 0.75 | 0.58 | 0.09 | 8.16 | 92 | 0.53 | 2.21 | 10 | 621 | 29000 | 26787 | 56411 | 200 | 12 |
| 12 | 800 | 0.13 | 100 | 1.51 | 12.18 | 21 | 3324 | 58 | 19.0 | 59 | 0.73 | 0.56 | 0.09 | 8.23 | 92 | 0.51 | 2.27 | 10 | 629 | 29166 | 28956 | 58753 | 800 | 12 |
| 12 | 1400 | 0.17 | 100 | 1.66 | 12.56 | 22 | 3345 | 57 | 17.9 | 58 | 0.70 | 0.57 | 0.09 | 8.29 | 93 | 0.53 | 2.33 | 10 | 637 | 29243 | 30258 | 60140 | 1400 | 12 |
| 12 | 2000 | 0.42 | 100 | 2.06 | 12.92 | 23 | 3366 | 57 | 16.8 | 57 | 0.67 | 0.80 | 0.09 | 8.34 | 93 | 0.75 | 2.43 | 10 | 647 | 29243 | 30600 | 60492 | 2000 | 12 |
| 13 | 200 | 0.17 | 100 | 2.21 | 13.28 | 23 | 3385 | 56 | 16.7 | 57 | 0.68 | 0.55 | 0.09 | 8.41 | 94 | 0.52 | 2.48 | 10 | 657 | 29195 | 30775 | 60628 | 200 | 13 |
| 13 | 800 | 0.17 | 100 | 2.37 | 13.64 | 24 | 3404 | 55 | 16.7 | 56 | 0.69 | 0.55 | 0.09 | 8.45 | 95 | 0.52 | 2.52 | 10 | 668 | 29121 | 31055 | 60846 | 800 | 13 |
| 13 | 1400 | 0.22 | 100 | 2.58 | 14.00 | 25 | 3424 | 54 | 16.6 | 55 | 0.70 | 0.61 | 0.09 | 8.50 | 95 | 0.58 | 2.58 | 10 | 680 | 29027 | 31044 | 60753 | 1400 | 13 |
| 13 | 2000 | 0.57 | 100 | 3.13 | 14.37 | 25 | 3444 | 53 | 16.5 | 54 | 0.71 | 0.96 | 0.09 | 8.54 | 95 | 0.91 | 2.72 | 10 | 693 | 28917 | 31027 | 60639 | 2000 | 13 |
| 14 | 200 | 0.20 | 100 | 5.33 | 14.71 | 26 | 3463 | 53 | 15.7 | 53 | 0.68 | 0.57 | 0.09 | 8.59 | 96 | 0.54 | 2.76 | 10 | 708 | 28808 | 31918 | 61435 | 200 | 14 |
| 14 | 800 | 0.20 | 100 | 5.52 | 15.06 | 26 | 3482 | 52 | 15.6 | 53 | 0.69 | 0.56 | 0.09 | 8.62 | 96 | 0.54 | 2.80 | 10 | 723 | 28712 | 33515 | 62952 | 800 | 14 |
| 14 | 1400 | 0.27 | 100 | 3.78 | 15.41 | 27 | 3501 | 51 | 15.5 | 52 | 0.70 | 0.63 | 0.09 | 8.65 | 97 | 0.61 | 2.85 | 10 | 739 | 28619 | 34629 | 63989 | 1400 | 14 |
| 14 | 2000 | 0.69 | 100 | 4.45 | 15.76 | 28 | 3520 | 50 | 15.5 | 51 | 0.70 | 1.04 | 0.09 | 8.68 | 97 | 1.01 | 3.00 | 10 | 756 | 28523 | 35262 | 64543 | 2000 | 14 |
| 15 | 200 | 0.34 | 100 | 4.78 | 16.13 | 28 | 3538 | 50 | 16.5 | 50 | 0.76 | 0.73 | 0.09 | 8.72 | 97 | 0.70 | 3.08 | 10 | 775 | 28437 | 36708 | 65921 | 200 | 15 |
| 15 | 800 | 0.34 | 100 | 5.11 | 16.50 | 29 | 3558 | 49 | 16.4 | 50 | 0.77 | 0.72 | 0.09 | 8.75 | 97 | 0.71 | 3.16 | 10 | 794 | 28376 | 39284 | 68455 | 800 | 15 |
| 15 | 1400 | 0.46 | 100 | 5.56 | 16.87 | 30 | 3578 | 48 | 16.4 | 49 | 0.78 | 0.83 | 0.09 | 8.77 | 98 | 0.81 | 3.26 | 10 | 815 | 28333 | 41990 | 71140 | 1400 | 15 |
| 15 | 2000 | 1.14 | 100 | 6.68 | 17.24 | 30 | 3599 | 47 | 16.3 | 48 | 0.79 | 1.52 | 0.09 | 8.80 | 98 | 1.49 | 3.51 | 10 | 837 | 28306 | 44978 | 74123 | 2000 | 15 |
| 16 | 200 | 0.62 | 100 | 7.29 | 17.58 | 31 | 3618 | 46 | 15.0 | 47 | 0.73 | 0.97 | 0.09 | 8.83 | 98 | 0.95 | 3.62 | 10 | 860 | 28312 | 49834 | 79008 | 200 | 16 |
| 16 | 800 | 0.26 | 100 | 7.54 | 17.87 | 31 | 3637 | 46 | 12.8 | 46 | 0.64 | 0.55 | 0.09 | 8.85 | 98 | 0.55 | 3.61 | 10 | 884 | 28364 | 55976 | 85225 | 800 | 16 |
| 16 | 1400 | 0.18 | 100 | 7.72 | 18.16 | 32 | 3653 | 45 | 12.8 | 46 | 0.64 | 0.48 | 0.09 | 8.86 | 99 | 0.47 | 3.59 | 10 | 909 | 28436 | 59839 | 89186 | 1400 | 16 |
| 16 | 2000 | 0.18 | 100 | 7.90 | 18.47 | 32 | 3668 | 44 | 13.8 | 45 | 0.70 | 0.50 | 0.09 | 8.86 | 99 | 0.49 | 3.59 | 10 | 936 | 28470 | 58981 | 88388 | 2000 | 16 |
| 17 | 200 | 0.43 | 100 | 8.32 | 18.79 | 33 | 3685 | 44 | 13.9 | 44 | 0.72 | 0.75 | 0.09 | 8.87 | 99 | 0.74 | 3.65 | 10 | 963 | 28416 | 54446 | 83826 | 200 | 17 |
| 17 | 800 | 0.17 | 100 | 8.49 | 19.10 | 34 | 3702 | 43 | 13.9 | 44 | 0.72 | 0.49 | 0.09 | 8.88 | 99 | 0.49 | 3.64 | 10 | 992 | 28263 | 48946 | 78203 | 800 | 17 |
| 17 | 1400 | 0.13 | 100 | 8.62 | 19.41 | 34 | 3719 | 42 | 13.8 | 43 | 0.73 | 0.44 | 0.09 | 8.89 | 99 | 0.43 | 3.63 | 10 | 1022 | 28020 | 44076 | 73119 | 1400 | 17 |
| 17 | 2000 | 0.13 | 100 | 8.74 | 19.72 | 35 | 3736 | 42 | 13.8 | 42 | 0.74 | 0.44 | 0.09 | 8.89 | 99 | 0.43 | 3.62 | 10 | 1053 | 27684 | 39786 | 68525 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 8.74 | 20.05 | 35 | 3752 | 41 | 14.8 | 42 | 0.80 | 0.33 | 0.09 | 8.89 | 99 | 0.33 | 3.60 | 10 | 1085 | 27250 | 35721 | 64058 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 8.74 | 20.37 | 36 | 3770 | 40 | 14.7 | 41 | 0.80 | 0.33 | 0.09 | 8.88 | 99 | 0.33 | 3.57 | 10 | 1119 | 26706 | 31792 | 59618 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 8.74 | 20.70 | 36 | 3788 | 40 | 14.7 | 40 | 0.81 | 0.33 | 0.09 | 8.87 | 99 | 0.32 | 3.56 | 10 | 1153 | 26044 | 28060 | 55258 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 8.74 | 21.01 | 37 | 3802 | 39 | 14.7 | 40 | 0.82 | 0.32 | 0.09 | 8.85 | 99 | 0.32 | 3.54 | 10 | 1189 | 25272 | 24724 | 51186 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 8.74 | 21.40 | 38 | 3814 | 39 | 17.6 | 39 | 0.99 | 0.39 | 0.09 | 8.84 | 98 | 0.38 | 3.56 | 10 | 1225 | 24416 | 22054 | 47697 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 8.74 | 21.82 | 38 | 3829 | 38 | 19.6 | 39 | 1.12 | 0.43 | 0.09 | 8.84 | 98 | 0.43 | 3.62 | 10 | 1263 | 23513 | 20368 | 45145 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 8.74 | 22.29 | 39 | 3845 | 37 | 21.7 | 38 | 1.26 | 0.48 | 0.09 | 8.83 | 98 | 0.47 | 3.70 | 10 | 1301 | 22600 | 19941 | 43844 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 8.74 | 22.81 | 40 | 3862 | 37 | 23.9 | 37 | 1.41 | 0.53 | 0.09 | 8.83 | 98 | 0.52 | 3.81 | 10 | 1341 | 21708 | 20833 | 43883 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 8.74 | 23.34 | 41 | 3882 | 36 | 24.9 | 36 | 1.50 | 0.54 | 0.09 | 8.83 | 98 | 0.54 | 3.94 | 10 | 1382 | 20858 | 22864 | 45105 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 8.74 | 23.88 | 42 | 3902 | 35 | 24.9 | 36 | 1.53 | 0.54 | 0.09 | 8.84 | 98 | 0.53 | 4.07 | 10 | 1423 | 20066 | 25660 | 47151 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 8.74 | 24.41 | 43 | 3922 | 34 | 24.8 | 35 | 1.56 | 0.54 | 0.09 | 8.84 | 98 | 0.53 | 4.20 | 10 | 1465 | 19337 | 28722 | 49525 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 8.74 | 24.94 | 44 | 3942 | 33 | 24.7 | 34 | 1.59 | 0.54 | 0.09 | 8.84 | 98 | 0.53 | 4.32 | 10 | 1509 | 18669 | 31590 | 51769 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 8.74 | 25.56 | 45 | 3962 | 32 | 28.7 | 33 | 1.88 | 0.62 | 0.09 | 8.85 | 98 | 0.61 | 4.51 | 10 | 1553 | 18059 | 34083 | 53697 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 8.74 | 26.17 | 46 | 3985 | 31 | 28.6 | 32 | 1.92 | 0.62 | 0.09 | 8.85 | 99 | 0.61 | 4.70 | 10 | 1598 | 17500 | 36389 | 55489 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 8.74 | 26.77 | 47 | 4014 | 30 | 28.5 | 31 | 1.97 | 0.61 | 0.09 | 8.86 | 99 | 0.61 | 4.89 | 10 | 1644 | 16986 | 38729 | 57360 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 8.74 | 27.38 | 48 | 4054 | 30 | 28.5 | 30 | 2.01 | 0.61 | 0.09 | 8.87 | 99 | 0.60 | 5.08 | 10 | 1690 | 16507 | 41032 | 59230 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 8.74 | 28.01 | 49 | 4095 | 29 | 30.5 | 29 | 2.20 | 0.65 | 0.09 | 8.87 | 99 | 0.64 | 5.31 | 10 | 1737 | 16056 | 43119 | 60913 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 8.74 | 28.65 | 50 | 4137 | 28 | 30.4 | 28 | 2.24 | 0.64 | 0.09 | 8.88 | 99 | 0.63 | 5.53 | 10 | 1785 | 15626 | 44967 | 62380 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 8.74 | 29.27 | 51 | 4180 | 27 | 30.4 | 28 | 2.28 | 0.63 | 0.09 | 8.88 | 99 | 0.62 | 5.75 | 10 | 1833 | 15212 | 46626 | 63673 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 8.74 | 29.87 | 52 | 4221 | 26 | 30.3 | 27 | 2.31 | 0.61 | 0.09 | 8.89 | 99 | 0.61 | 5.97 | 10 | 1882 | 14809 | 48036 | 64729 | 2000 | 22 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI

RUN DATE RUN NO. 310881 | INITIAL DATE, HOUR 1 MAY 1972 1400 | JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF | N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.311 IN./DEGREE-DAY, AREA = 1045.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BGP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 8.74 | 30.44 | 53 | 4262 | 25 | 29.2 | 26 | 2.25 | 0.58 | 0.09 | 8.89 | 99 | 0.57 | 6.15 | 10 | 1932 | 14412 | 49052 | 65397 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 8.74 | 31.00 | 54 | 4300 | 24 | 29.1 | 25 | 2.27 | 0.56 | 0.09 | 8.89 | 99 | 0.56 | 6.33 | 10 | 1982 | 14020 | 49529 | 65532 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 8.74 | 31.54 | 55 | 4337 | 23 | 29.1 | 24 | 2.29 | 0.55 | 0.09 | 8.90 | 99 | 0.54 | 6.51 | 10 | 2032 | 13630 | 49429 | 65092 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 8.74 | 32.06 | 56 | 4373 | 22 | 29.0 | 23 | 2.30 | 0.53 | 0.09 | 8.90 | 99 | 0.53 | 6.68 | 10 | 2083 | 13242 | 48854 | 64180 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 8.74 | 32.47 | 57 | 4408 | 22 | 22.6 | 22 | 1.82 | 0.40 | 0.09 | 8.90 | 99 | 0.40 | 6.72 | 10 | 2134 | 12856 | 47847 | 62839 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 8.74 | 32.86 | 58 | 4435 | 21 | 22.6 | 22 | 1.83 | 0.40 | 0.09 | 8.90 | 99 | 0.39 | 6.76 | 10 | 2186 | 12472 | 46203 | 60862 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 8.74 | 33.24 | 58 | 4461 | 21 | 22.6 | 21 | 1.84 | 0.39 | 0.09 | 8.89 | 99 | 0.38 | 6.79 | 10 | 2237 | 12093 | 43796 | 58128 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 8.74 | 33.61 | 59 | 4487 | 20 | 22.5 | 20 | 1.84 | 0.38 | 0.09 | 8.89 | 99 | 0.37 | 6.83 | 10 | 2289 | 11719 | 40918 | 54928 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 8.74 | 33.93 | 60 | 4512 | 20 | 19.3 | 20 | 1.59 | 0.32 | 0.09 | 8.89 | 99 | 0.31 | 6.81 | 10 | 2342 | 11353 | 37978 | 51674 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 8.74 | 34.24 | 60 | 4524 | 19 | 19.3 | 20 | 1.60 | 0.31 | 0.09 | 8.88 | 99 | 0.31 | 6.78 | 10 | 2394 | 10997 | 35142 | 48535 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 8.74 | 34.55 | 61 | 4536 | 19 | 19.3 | 19 | 1.61 | 0.31 | 0.09 | 8.88 | 99 | 0.31 | 6.76 | 10 | 2447 | 10654 | 32444 | 45546 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 8.74 | 34.85 | 61 | 4548 | 19 | 19.3 | 19 | 1.61 | 0.31 | 0.09 | 8.88 | 99 | 0.30 | 6.74 | 10 | 2500 | 10326 | 29991 | 42819 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 8.74 | 35.14 | 62 | 4559 | 19 | 18.2 | 19 | 1.53 | 0.29 | 0.09 | 8.87 | 99 | 0.29 | 6.70 | 10 | 2553 | 10016 | 27903 | 40473 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 8.74 | 35.42 | 62 | 4570 | 18 | 18.2 | 19 | 1.54 | 0.29 | 0.09 | 8.87 | 99 | 0.28 | 6.67 | 10 | 2606 | 9725 | 26181 | 38514 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 8.74 | 35.70 | 63 | 4580 | 18 | 18.2 | 18 | 1.55 | 0.28 | 0.09 | 8.87 | 99 | 0.28 | 6.64 | 10 | 2658 | 9456 | 24763 | 36880 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 8.74 | 35.98 | 63 | 4591 | 18 | 18.1 | 18 | 1.55 | 0.28 | 0.09 | 8.87 | 99 | 0.28 | 6.61 | 10 | 2711 | 9208 | 23606 | 35527 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 8.74 | 36.24 | 64 | 4601 | 18 | 17.1 | 18 | 1.47 | 0.26 | 0.09 | 8.87 | 99 | 0.26 | 6.57 | 10 | 2764 | 8981 | 22669 | 34415 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 8.74 | 36.49 | 64 | 4611 | 18 | 17.1 | 18 | 1.47 | 0.26 | 0.09 | 8.86 | 99 | 0.26 | 6.52 | 10 | 2817 | 8774 | 21872 | 33464 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 8.74 | 36.75 | 64 | 4621 | 17 | 17.0 | 17 | 1.48 | 0.26 | 0.09 | 8.86 | 99 | 0.25 | 6.49 | 10 | 2869 | 8584 | 21145 | 32599 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 8.74 | 37.00 | 65 | 4630 | 17 | 17.0 | 17 | 1.48 | 0.25 | 0.09 | 8.86 | 99 | 0.25 | 6.45 | 10 | 2922 | 8410 | 20473 | 31806 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 8.74 | 37.25 | 65 | 4640 | 17 | 16.9 | 17 | 1.48 | 0.25 | 0.09 | 8.86 | 99 | 0.25 | 6.42 | 10 | 2974 | 8250 | 19878 | 31104 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 8.74 | 37.49 | 66 | 4649 | 17 | 16.9 | 17 | 1.48 | 0.25 | 0.09 | 8.86 | 99 | 0.25 | 6.38 | 10 | 3026 | 8103 | 19373 | 30504 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 8.74 | 37.73 | 66 | 4658 | 16 | 16.8 | 17 | 1.48 | 0.25 | 0.09 | 8.85 | 99 | 0.24 | 6.36 | 10 | 3078 | 7966 | 18955 | 30000 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 8.74 | 37.97 | 67 | 4667 | 16 | 16.8 | 16 | 1.49 | 0.24 | 0.09 | 8.85 | 99 | 0.24 | 6.33 | 10 | 3129 | 7838 | 18608 | 29577 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 8.74 | 38.20 | 67 | 4676 | 16 | 15.7 | 16 | 1.39 | 0.23 | 0.09 | 8.85 | 99 | 0.22 | 6.28 | 10 | 3180 | 7717 | 18298 | 29198 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 8.74 | 38.42 | 67 | 4685 | 16 | 15.7 | 16 | 1.40 | 0.22 | 0.09 | 8.85 | 99 | 0.22 | 6.24 | 10 | 3231 | 7604 | 17964 | 28799 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 8.74 | 38.63 | 68 | 4693 | 16 | 15.6 | 16 | 1.40 | 0.22 | 0.09 | 8.85 | 98 | 0.22 | 6.20 | 10 | 3281 | 7495 | 17561 | 28338 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 8.74 | 38.85 | 68 | 4701 | 16 | 15.6 | 16 | 1.40 | 0.22 | 0.09 | 8.85 | 98 | 0.22 | 6.16 | 10 | 3331 | 7391 | 17110 | 27833 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 8.74 | 39.05 | 69 | 4709 | 15 | 14.5 | 15 | 1.31 | 0.20 | 0.09 | 8.85 | 98 | 0.20 | 6.10 | 10 | 3380 | 7291 | 16647 | 27320 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 8.74 | 39.24 | 69 | 4716 | 15 | 14.5 | 15 | 1.31 | 0.20 | 0.09 | 8.84 | 98 | 0.20 | 6.05 | 10 | 3429 | 7194 | 16165 | 26789 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 8.74 | 39.44 | 69 | 4724 | 15 | 14.4 | 15 | 1.31 | 0.20 | 0.09 | 8.84 | 98 | 0.19 | 6.00 | 10 | 3477 | 7101 | 15648 | 26227 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 4413

PRINTED IN U.S.A.

BASIN RESULTS - STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 620 SQ MI

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION

310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 260 | 15 | 5 | 280 | 1400 | 1 |
| 1 | 2000 | 0.00 | 29 | 0.00 | 0.02 | 0 | 910 | 100 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.03 | 57 | 260 | 15 | 5 | 281 | 2000 | 1 |
| 2 | 200 | 0.00 | 29 | 0.00 | 0.04 | 0 | 961 | 100 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.04 | 57 | 260 | 21 | 6 | 288 | 200 | 2 |
| 2 | 800 | 0.00 | 29 | 0.00 | 0.07 | 0 | 1003 | 100 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.04 | 56 | 260 | 35 | 9 | 305 | 800 | 2 |
| 2 | 1400 | 0.00 | 29 | 0.00 | 0.09 | 0 | 1017 | 100 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.04 | 56 | 260 | 60 | 14 | 335 | 1400 | 2 |
| 2 | 2000 | 0.00 | 29 | 0.00 | 0.11 | 0 | 1031 | 99 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.04 | 56 | 260 | 97 | 18 | 376 | 2000 | 2 |
| 3 | 200 | 0.00 | 29 | 0.00 | 0.13 | 0 | 1044 | 99 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.05 | 56 | 260 | 143 | 22 | 426 | 200 | 3 |
| 3 | 800 | 0.00 | 29 | 0.00 | 0.15 | 0 | 1058 | 99 | 2.8 | 61 | 0.07 | 0.04 | 0.09 | 4.00 | 50 | 0.02 | 0.05 | 55 | 260 | 195 | 25 | 481 | 800 | 3 |
| 3 | 1400 | 0.00 | 29 | 0.00 | 0.17 | 0 | 1072 | 99 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.05 | 55 | 260 | 248 | 28 | 537 | 1400 | 3 |
| 3 | 2000 | 0.00 | 29 | 0.00 | 0.19 | 0 | 1085 | 99 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.05 | 55 | 260 | 300 | 29 | 591 | 2000 | 3 |
| 4 | 200 | 0.00 | 29 | 0.00 | 0.22 | 0 | 1099 | 99 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 55 | 260 | 350 | 30 | 641 | 200 | 4 |
| 4 | 800 | 0.00 | 29 | 0.00 | 0.24 | 0 | 1112 | 99 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 54 | 260 | 395 | 31 | 687 | 800 | 4 |
| 4 | 1400 | 0.00 | 29 | 0.00 | 0.26 | 1 | 1126 | 99 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 54 | 260 | 435 | 31 | 727 | 1400 | 4 |
| 4 | 2000 | 0.00 | 29 | 0.00 | 0.28 | 1 | 1139 | 99 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 54 | 260 | 470 | 32 | 762 | 2000 | 4 |
| 5 | 200 | 0.00 | 29 | 0.00 | 0.30 | 1 | 1153 | 98 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 54 | 260 | 499 | 32 | 792 | 200 | 5 |
| 5 | 800 | 0.00 | 29 | 0.00 | 0.32 | 1 | 1166 | 98 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 54 | 260 | 524 | 32 | 817 | 800 | 5 |
| 5 | 1400 | 0.00 | 29 | 0.00 | 0.34 | 1 | 1179 | 98 | 2.8 | 60 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.06 | 54 | 260 | 544 | 32 | 837 | 1400 | 5 |
| 5 | 2000 | 0.00 | 29 | 0.00 | 0.36 | 1 | 1193 | 98 | 2.8 | 59 | 0.07 | 0.04 | 0.09 | 3.99 | 50 | 0.02 | 0.07 | 54 | 260 | 560 | 32 | 854 | 2000 | 5 |
| 6 | 200 | 0.00 | 29 | 0.00 | 0.38 | 1 | 1206 | 98 | 2.8 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 260 | 574 | 32 | 867 | 200 | 6 |
| 6 | 800 | 0.00 | 29 | 0.00 | 0.40 | 1 | 1219 | 98 | 2.8 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 260 | 584 | 32 | 878 | 800 | 6 |
| 6 | 1400 | 0.00 | 29 | 0.00 | 0.42 | 1 | 1232 | 98 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 260 | 593 | 32 | 887 | 1400 | 6 |
| 6 | 2000 | 0.00 | 29 | 0.00 | 0.45 | 1 | 1245 | 98 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 260 | 599 | 32 | 893 | 2000 | 6 |
| 7 | 200 | 0.00 | 29 | 0.00 | 0.47 | 1 | 1258 | 98 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 261 | 604 | 32 | 899 | 200 | 7 |
| 7 | 800 | 0.00 | 29 | 0.00 | 0.49 | 1 | 1271 | 97 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 261 | 608 | 32 | 903 | 800 | 7 |
| 7 | 1400 | 0.00 | 29 | 0.00 | 0.51 | 1 | 1284 | 97 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 261 | 611 | 32 | 906 | 1400 | 7 |
| 7 | 2000 | 0.00 | 29 | 0.00 | 0.53 | 1 | 1297 | 97 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.98 | 50 | 0.02 | 0.07 | 53 | 261 | 614 | 32 | 908 | 2000 | 7 |
| 8 | 200 | 0.00 | 29 | 0.00 | 0.55 | 1 | 1310 | 97 | 2.7 | 59 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.07 | 53 | 262 | 615 | 32 | 910 | 200 | 8 |
| 8 | 800 | 0.00 | 29 | 0.00 | 0.57 | 1 | 1323 | 97 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.07 | 53 | 262 | 616 | 32 | 912 | 800 | 8 |
| 8 | 1400 | 0.00 | 29 | 0.00 | 0.59 | 1 | 1336 | 97 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.07 | 53 | 262 | 617 | 32 | 913 | 1400 | 8 |
| 8 | 2000 | 0.00 | 29 | 0.00 | 0.61 | 1 | 1349 | 97 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.08 | 53 | 263 | 617 | 32 | 913 | 2000 | 8 |
| 9 | 200 | 0.00 | 29 | 0.00 | 0.63 | 1 | 1362 | 97 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.08 | 52 | 263 | 617 | 32 | 914 | 200 | 9 |
| 9 | 800 | 0.00 | 29 | 0.00 | 0.65 | 1 | 1375 | 97 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.08 | 52 | 264 | 617 | 32 | 914 | 800 | 9 |
| 9 | 1400 | 0.00 | 29 | 0.00 | 0.67 | 1 | 1387 | 97 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.97 | 50 | 0.02 | 0.08 | 52 | 264 | 617 | 32 | 915 | 1400 | 9 |
| 9 | 2000 | 0.00 | 29 | 0.00 | 0.69 | 1 | 1400 | 96 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.96 | 50 | 0.02 | 0.08 | 52 | 265 | 617 | 32 | 915 | 2000 | 9 |
| 10 | 200 | 0.00 | 29 | 0.00 | 0.71 | 1 | 1413 | 96 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.96 | 50 | 0.02 | 0.08 | 52 | 265 | 616 | 32 | 915 | 200 | 10 |
| 10 | 800 | 0.00 | 29 | 0.00 | 0.73 | 2 | 1425 | 96 | 2.7 | 58 | 0.07 | 0.04 | 0.09 | 3.96 | 50 | 0.02 | 0.08 | 52 | 266 | 615 | 32 | 915 | 800 | 10 |
| 10 | 1400 | 0.00 | 29 | 0.00 | 0.75 | 2 | 1438 | 96 | 2.7 | 57 | 0.07 | 0.04 | 0.09 | 3.96 | 50 | 0.02 | 0.08 | 52 | 267 | 615 | 32 | 915 | 1400 | 10 |
| 10 | 2000 | 0.00 | 29 | 0.00 | 0.77 | 2 | 1450 | 96 | 2.7 | 57 | 0.07 | 0.04 | 0.09 | 3.96 | 50 | 0.02 | 0.08 | 52 | 268 | 614 | 32 | 915 | 2000 | 10 |
| 11 | 200 | 0.00 | 29 | 0.00 | 0.79 | 2 | 1463 | 96 | 2.7 | 57 | 0.07 | 0.04 | 0.09 | 3.96 | 50 | 0.02 | 0.08 | 52 | 269 | 613 | 32 | 914 | 200 | 11 |
| 11 | 800 | 0.00 | 29 | 0.00 | 0.81 | 2 | 1475 | 96 | 2.7 | 57 | 0.07 | 0.04 | 0.09 | 3.95 | 50 | 0.02 | 0.08 | 52 | 269 | 612 | 31 | 914 | 800 | 11 |
| 11 | 1400 | 0.00 | 29 | 0.00 | 0.83 | 2 | 1488 | 96 | 2.7 | 57 | 0.07 | 0.04 | 0.09 | 3.95 | 50 | 0.02 | 0.08 | 52 | 270 | 611 | 31 | 914 | 1400 | 11 |
| 11 | 2000 | 0.00 | 29 | 0.00 | 0.85 | 2 | 1500 | 96 | 2.6 | 57 | 0.07 | 0.04 | 0.09 | 3.95 | 50 | 0.02 | 0.08 | 52 | 271 | 610 | 31 | 914 | 2000 | 11 |
| 12 | 200 | 0.00 | 29 | 0.00 | 0.86 | 2 | 1513 | 95 | 2.6 | 57 | 0.07 | 0.04 | 0.09 | 3.95 | 49 | 0.02 | 0.08 | 52 | 273 | 608 | 31 | 914 | 200 | 12 |
| 12 | 800 | 0.00 | 29 | 0.00 | 0.88 | 2 | 1525 | 95 | 2.6 | 57 | 0.07 | 0.04 | 0.09 | 3.95 | 49 | 0.02 | 0.08 | 52 | 274 | 607 | 31 | 914 | 800 | 12 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400

JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF

N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.105 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 29 | 0.00 | 0.90 | 2 | 1537 | 95 | 2.6 | 57 | 0.07 | 0.04 | 0.09 | 3.95 | 49 | 0.02 | 0.08 | 52 | 275 | 606 | 31 | 913 | 1400 | 12 |
| 12 | 2000 | 0.00 | 29 | 0.00 | 0.92 | 2 | 1549 | 95 | 2.6 | 57 | 0.07 | 0.04 | 0.09 | 3.94 | 49 | 0.02 | 0.08 | 52 | 276 | 605 | 31 | 913 | 2000 | 12 |
| 13 | 200 | 0.00 | 29 | 0.00 | 0.94 | 2 | 1562 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.94 | 49 | 0.02 | 0.08 | 52 | 278 | 603 | 31 | 913 | 200 | 13 |
| 13 | 800 | 0.00 | 29 | 0.00 | 0.96 | 2 | 1574 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.94 | 49 | 0.02 | 0.08 | 52 | 279 | 602 | 31 | 913 | 800 | 13 |
| 13 | 1400 | 0.00 | 29 | 0.00 | 0.98 | 2 | 1586 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.94 | 49 | 0.02 | 0.08 | 52 | 280 | 600 | 31 | 913 | 1400 | 13 |
| 13 | 2000 | 0.00 | 29 | 0.00 | 1.00 | 2 | 1598 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.94 | 49 | 0.02 | 0.08 | 52 | 282 | 599 | 31 | 913 | 2000 | 13 |
| 14 | 200 | 0.00 | 29 | 0.00 | 1.02 | 2 | 1610 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.93 | 49 | 0.02 | 0.08 | 52 | 284 | 597 | 31 | 913 | 200 | 14 |
| 14 | 800 | 0.00 | 29 | 0.00 | 1.04 | 2 | 1622 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.93 | 49 | 0.02 | 0.08 | 52 | 285 | 596 | 31 | 913 | 800 | 14 |
| 14 | 1400 | 0.00 | 29 | 0.00 | 1.06 | 2 | 1634 | 95 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.93 | 49 | 0.02 | 0.08 | 52 | 287 | 594 | 30 | 913 | 1400 | 14 |
| 14 | 2000 | 0.00 | 29 | 0.00 | 1.07 | 2 | 1646 | 94 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.93 | 49 | 0.02 | 0.08 | 52 | 289 | 593 | 30 | 914 | 2000 | 14 |
| 15 | 200 | 0.00 | 29 | 0.00 | 1.09 | 2 | 1658 | 94 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.93 | 49 | 0.02 | 0.08 | 52 | 291 | 591 | 30 | 914 | 200 | 15 |
| 15 | 800 | 0.00 | 29 | 0.00 | 1.11 | 2 | 1670 | 94 | 2.6 | 56 | 0.07 | 0.04 | 0.09 | 3.92 | 49 | 0.02 | 0.08 | 52 | 293 | 590 | 30 | 914 | 800 | 15 |
| 15 | 1400 | 0.00 | 29 | 0.00 | 1.13 | 2 | 1682 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.92 | 49 | 0.02 | 0.08 | 52 | 295 | 588 | 30 | 914 | 1400 | 15 |
| 15 | 2000 | 0.00 | 29 | 0.00 | 1.15 | 2 | 1694 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.92 | 49 | 0.02 | 0.08 | 52 | 297 | 587 | 30 | 915 | 2000 | 15 |
| 16 | 200 | 0.00 | 29 | 0.00 | 1.17 | 2 | 1705 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.92 | 49 | 0.02 | 0.08 | 52 | 299 | 585 | 30 | 915 | 200 | 16 |
| 16 | 800 | 0.00 | 29 | 0.00 | 1.19 | 2 | 1717 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.92 | 49 | 0.02 | 0.08 | 52 | 301 | 583 | 30 | 915 | 800 | 16 |
| 16 | 1400 | 0.00 | 29 | 0.00 | 1.20 | 3 | 1729 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.91 | 49 | 0.02 | 0.08 | 52 | 303 | 582 | 30 | 916 | 1400 | 16 |
| 16 | 2000 | 0.00 | 29 | 0.00 | 1.22 | 3 | 1741 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.91 | 49 | 0.02 | 0.08 | 52 | 305 | 580 | 30 | 916 | 2000 | 16 |
| 17 | 200 | 0.00 | 29 | 0.00 | 1.24 | 3 | 1752 | 94 | 2.6 | 55 | 0.07 | 0.04 | 0.09 | 3.91 | 49 | 0.02 | 0.08 | 52 | 306 | 578 | 30 | 917 | 200 | 17 |
| 17 | 800 | 0.00 | 29 | 0.00 | 1.26 | 3 | 1764 | 93 | 2.5 | 55 | 0.07 | 0.04 | 0.09 | 3.91 | 49 | 0.02 | 0.08 | 52 | 310 | 576 | 29 | 917 | 800 | 17 |
| 17 | 1400 | 0.00 | 29 | 0.00 | 1.28 | 3 | 1775 | 93 | 2.5 | 55 | 0.07 | 0.04 | 0.09 | 3.91 | 49 | 0.02 | 0.08 | 52 | 312 | 575 | 29 | 918 | 1400 | 17 |
| 17 | 2000 | 0.00 | 29 | 0.00 | 1.30 | 3 | 1787 | 93 | 2.5 | 55 | 0.07 | 0.04 | 0.09 | 3.90 | 49 | 0.02 | 0.08 | 52 | 315 | 573 | 29 | 919 | 2000 | 17 |
| 18 | 200 | 0.00 | 29 | 0.00 | 1.31 | 3 | 1798 | 93 | 2.5 | 55 | 0.07 | 0.04 | 0.09 | 3.90 | 49 | 0.02 | 0.08 | 52 | 317 | 571 | 29 | 919 | 200 | 18 |
| 18 | 800 | 0.00 | 29 | 0.00 | 1.33 | 3 | 1810 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.90 | 49 | 0.02 | 0.08 | 52 | 320 | 570 | 29 | 920 | 800 | 18 |
| 18 | 1400 | 0.00 | 29 | 0.00 | 1.35 | 3 | 1821 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.90 | 49 | 0.02 | 0.08 | 52 | 323 | 568 | 29 | 921 | 1400 | 18 |
| 18 | 2000 | 0.00 | 29 | 0.00 | 1.37 | 3 | 1833 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.89 | 49 | 0.02 | 0.08 | 52 | 325 | 566 | 29 | 922 | 2000 | 18 |
| 19 | 200 | 0.00 | 29 | 0.00 | 1.39 | 3 | 1844 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.89 | 49 | 0.02 | 0.08 | 52 | 328 | 564 | 29 | 922 | 200 | 19 |
| 19 | 800 | 0.00 | 29 | 0.00 | 1.40 | 3 | 1855 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.89 | 49 | 0.02 | 0.08 | 52 | 331 | 563 | 29 | 923 | 800 | 19 |
| 19 | 1400 | 0.00 | 29 | 0.00 | 1.42 | 3 | 1867 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.89 | 49 | 0.02 | 0.08 | 52 | 333 | 561 | 29 | 924 | 1400 | 19 |
| 19 | 2000 | 0.00 | 29 | 0.00 | 1.44 | 3 | 1878 | 93 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.88 | 49 | 0.02 | 0.08 | 52 | 336 | 559 | 29 | 925 | 2000 | 19 |
| 20 | 200 | 0.00 | 29 | 0.00 | 1.46 | 3 | 1889 | 92 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.88 | 49 | 0.02 | 0.08 | 52 | 339 | 557 | 28 | 926 | 200 | 20 |
| 20 | 800 | 0.00 | 29 | 0.00 | 1.47 | 3 | 1900 | 92 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.88 | 49 | 0.02 | 0.08 | 52 | 342 | 555 | 28 | 927 | 800 | 20 |
| 20 | 1400 | 0.00 | 29 | 0.00 | 1.49 | 3 | 1912 | 92 | 2.5 | 54 | 0.07 | 0.04 | 0.09 | 3.88 | 49 | 0.02 | 0.08 | 52 | 345 | 554 | 28 | 928 | 1400 | 20 |
| 20 | 2000 | 0.00 | 29 | 0.00 | 1.51 | 3 | 1923 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.87 | 49 | 0.02 | 0.08 | 52 | 348 | 552 | 28 | 929 | 2000 | 20 |
| 21 | 200 | 0.00 | 29 | 0.00 | 1.53 | 3 | 1934 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.87 | 49 | 0.02 | 0.08 | 52 | 351 | 550 | 28 | 931 | 200 | 21 |
| 21 | 800 | 0.00 | 29 | 0.00 | 1.54 | 3 | 1945 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.87 | 49 | 0.02 | 0.08 | 52 | 354 | 548 | 28 | 932 | 800 | 21 |
| 21 | 1400 | 0.00 | 29 | 0.00 | 1.56 | 3 | 1956 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.87 | 49 | 0.02 | 0.08 | 52 | 357 | 547 | 28 | 933 | 1400 | 21 |
| 21 | 2000 | 0.00 | 29 | 0.00 | 1.58 | 3 | 1967 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.86 | 49 | 0.02 | 0.08 | 52 | 360 | 545 | 28 | 934 | 2000 | 21 |
| 22 | 200 | 0.00 | 29 | 0.00 | 1.60 | 3 | 1978 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.86 | 49 | 0.02 | 0.08 | 52 | 363 | 543 | 28 | 935 | 200 | 22 |
| 22 | 800 | 0.00 | 29 | 0.00 | 1.61 | 3 | 1989 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.86 | 49 | 0.02 | 0.08 | 52 | 366 | 541 | 28 | 936 | 800 | 22 |
| 22 | 1400 | 0.00 | 29 | 0.00 | 1.63 | 3 | 2000 | 92 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.86 | 49 | 0.02 | 0.08 | 52 | 369 | 539 | 27 | 938 | 1400 | 22 |
| 22 | 2000 | 0.00 | 29 | 0.00 | 1.65 | 3 | 2002 | 91 | 2.5 | 53 | 0.07 | 0.04 | 0.09 | 3.85 | 49 | 0.02 | 0.08 | 52 | 372 | 538 | 27 | 939 | 2000 | 22 |
| 23 | 200 | 0.00 | 29 | 0.00 | 1.66 | 3 | 2005 | 91 | 2.4 | 53 | 0.07 | 0.04 | 0.09 | 3.85 | 49 | 0.02 | 0.08 | 52 | 376 | 536 | 27 | 940 | 200 | 23 |
| 23 | 800 | 0.00 | 29 | 0.00 | 1.68 | 4 | 2007 | 91 | 2.4 | 53 | 0.07 | 0.03 | 0.09 | 3.85 | 48 | 0.02 | 0.08 | 52 | 379 | 534 | 27 | 942 | 800 | 23 |



FORM 1111-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.109 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 29 | 0.00 | 1.70 | 4 | 2010 | 91 | 2.4 | 53 | 0.07 | 0.03 | 0.09 | 3.84 | 48 | 0.02 | 0.08 | 52 | 382 | 532 | 27 | 943 | 1400 | 23 |
| 23 | 2000 | 0.00 | 29 | 0.00 | 1.71 | 4 | 2012 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.84 | 48 | 0.02 | 0.08 | 52 | 385 | 531 | 27 | 944 | 2000 | 23 |
| 24 | 200 | 0.00 | 29 | 0.00 | 1.73 | 4 | 2015 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.84 | 48 | 0.02 | 0.08 | 52 | 388 | 529 | 27 | 945 | 200 | 24 |
| 24 | 800 | 0.00 | 29 | 0.00 | 1.75 | 4 | 2017 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.84 | 48 | 0.02 | 0.08 | 52 | 391 | 527 | 27 | 947 | 800 | 24 |
| 24 | 1400 | 0.00 | 29 | 0.00 | 1.76 | 4 | 2020 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.83 | 48 | 0.02 | 0.08 | 52 | 395 | 525 | 27 | 948 | 1400 | 24 |
| 24 | 2000 | 0.00 | 29 | 0.00 | 1.78 | 4 | 2022 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.83 | 48 | 0.02 | 0.08 | 52 | 398 | 523 | 27 | 949 | 2000 | 24 |
| 25 | 200 | 0.00 | 29 | 0.00 | 1.80 | 4 | 2025 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.83 | 48 | 0.02 | 0.08 | 52 | 401 | 522 | 27 | 951 | 200 | 25 |
| 25 | 800 | 0.00 | 29 | 0.00 | 1.81 | 4 | 2027 | 91 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.82 | 48 | 0.02 | 0.08 | 52 | 404 | 520 | 26 | 952 | 800 | 25 |
| 25 | 1400 | 0.00 | 29 | 0.00 | 1.83 | 4 | 2029 | 90 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.82 | 48 | 0.02 | 0.08 | 52 | 407 | 518 | 26 | 953 | 1400 | 25 |
| 25 | 2000 | 0.00 | 29 | 0.00 | 1.85 | 4 | 2032 | 90 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.82 | 48 | 0.02 | 0.08 | 52 | 411 | 516 | 26 | 955 | 2000 | 25 |
| 26 | 200 | 0.00 | 29 | 0.00 | 1.86 | 4 | 2034 | 90 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.82 | 48 | 0.02 | 0.07 | 52 | 414 | 515 | 26 | 956 | 200 | 26 |
| 26 | 800 | 0.00 | 29 | 0.00 | 1.88 | 4 | 2037 | 90 | 2.4 | 52 | 0.07 | 0.03 | 0.09 | 3.81 | 48 | 0.02 | 0.07 | 53 | 417 | 513 | 26 | 957 | 800 | 26 |
| 26 | 1400 | 0.00 | 29 | 0.00 | 1.90 | 4 | 2039 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.81 | 48 | 0.02 | 0.07 | 53 | 420 | 511 | 26 | 959 | 1400 | 26 |
| 26 | 2000 | 0.00 | 29 | 0.00 | 1.91 | 4 | 2041 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.81 | 48 | 0.02 | 0.07 | 53 | 423 | 509 | 26 | 960 | 2000 | 26 |
| 27 | 200 | 0.00 | 29 | 0.00 | 1.93 | 4 | 2044 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.80 | 48 | 0.02 | 0.07 | 53 | 426 | 508 | 26 | 961 | 200 | 27 |
| 27 | 800 | 0.00 | 29 | 0.00 | 1.94 | 4 | 2046 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.80 | 48 | 0.02 | 0.07 | 53 | 429 | 506 | 26 | 963 | 800 | 27 |
| 27 | 1400 | 0.00 | 29 | 0.00 | 1.96 | 4 | 2048 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.80 | 48 | 0.02 | 0.07 | 53 | 433 | 504 | 26 | 964 | 1400 | 27 |
| 27 | 2000 | 0.00 | 29 | 0.00 | 1.98 | 4 | 2051 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.79 | 48 | 0.02 | 0.07 | 53 | 436 | 503 | 26 | 965 | 2000 | 27 |
| 28 | 200 | 0.00 | 29 | 0.00 | 1.99 | 4 | 2053 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.79 | 48 | 0.02 | 0.07 | 53 | 439 | 501 | 25 | 966 | 200 | 28 |
| 28 | 800 | 0.00 | 29 | 0.00 | 2.01 | 4 | 2055 | 90 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.79 | 48 | 0.02 | 0.07 | 53 | 442 | 499 | 25 | 968 | 800 | 28 |
| 28 | 1400 | 0.00 | 29 | 0.00 | 2.02 | 4 | 2058 | 89 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.78 | 48 | 0.02 | 0.07 | 53 | 445 | 497 | 25 | 969 | 1400 | 28 |
| 28 | 2000 | 0.00 | 29 | 0.00 | 2.04 | 4 | 2060 | 89 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.78 | 48 | 0.02 | 0.07 | 53 | 448 | 496 | 25 | 970 | 2000 | 28 |
| 29 | 200 | 0.00 | 29 | 0.00 | 2.06 | 4 | 2062 | 89 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.78 | 48 | 0.02 | 0.07 | 53 | 451 | 494 | 25 | 971 | 200 | 29 |
| 29 | 800 | 0.00 | 29 | 0.00 | 2.07 | 4 | 2065 | 89 | 2.4 | 51 | 0.07 | 0.03 | 0.09 | 3.78 | 48 | 0.02 | 0.07 | 53 | 454 | 492 | 25 | 972 | 800 | 29 |
| 29 | 1400 | 0.00 | 29 | 0.00 | 2.09 | 4 | 2067 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.77 | 48 | 0.02 | 0.07 | 53 | 457 | 491 | 25 | 974 | 1400 | 29 |
| 29 | 2000 | 0.00 | 29 | 0.00 | 2.10 | 4 | 2069 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.77 | 48 | 0.02 | 0.07 | 53 | 460 | 489 | 25 | 975 | 2000 | 29 |
| 30 | 200 | 0.00 | 29 | 0.00 | 2.12 | 4 | 2071 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.77 | 48 | 0.02 | 0.07 | 53 | 462 | 487 | 25 | 976 | 200 | 30 |
| 30 | 800 | 0.00 | 29 | 0.00 | 2.13 | 4 | 2074 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.76 | 48 | 0.02 | 0.07 | 53 | 465 | 485 | 25 | 977 | 800 | 30 |
| 30 | 1400 | 0.00 | 29 | 0.00 | 2.15 | 4 | 2076 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.76 | 48 | 0.02 | 0.07 | 53 | 468 | 484 | 25 | 978 | 1400 | 30 |
| 30 | 2000 | 0.00 | 29 | 0.00 | 2.16 | 5 | 2078 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.76 | 48 | 0.02 | 0.07 | 53 | 471 | 482 | 24 | 979 | 2000 | 30 |
| 31 | 200 | 0.00 | 29 | 0.00 | 2.18 | 5 | 2080 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.75 | 48 | 0.02 | 0.07 | 53 | 474 | 480 | 24 | 980 | 200 | 31 |
| 31 | 800 | 0.00 | 29 | 0.00 | 2.20 | 5 | 2083 | 89 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.75 | 47 | 0.02 | 0.07 | 53 | 476 | 479 | 24 | 981 | 800 | 31 |
| 31 | 1400 | 0.00 | 29 | 0.00 | 2.21 | 5 | 2085 | 88 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.75 | 47 | 0.02 | 0.07 | 53 | 479 | 477 | 24 | 982 | 1400 | 31 |
| 31 | 2000 | 0.00 | 29 | 0.00 | 2.23 | 5 | 2087 | 88 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.74 | 47 | 0.02 | 0.07 | 53 | 482 | 475 | 24 | 983 | 2000 | 31 |



FORM 1413
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

EII = 0.09 IN./DAY, MELT RATE = 0.112 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 29 | 0.00 | 2.24 | 5 | 2089 | 88 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.74 | 47 | 0.02 | 0.07 | 53 | 484 | 474 | 24 | 984 | 200 | 1 |
| 1 | 800 | 0.00 | 29 | 0.00 | 2.26 | 5 | 2092 | 88 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.74 | 47 | 0.02 | 0.07 | 53 | 487 | 472 | 24 | 984 | 800 | 1 |
| 1 | 1400 | 0.00 | 29 | 0.00 | 2.27 | 5 | 2094 | 88 | 2.3 | 50 | 0.06 | 0.03 | 0.09 | 3.73 | 47 | 0.02 | 0.07 | 53 | 489 | 470 | 24 | 985 | 1400 | 1 |
| 1 | 2000 | 0.00 | 29 | 0.00 | 2.29 | 5 | 2096 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.73 | 47 | 0.02 | 0.07 | 53 | 492 | 469 | 24 | 986 | 2000 | 1 |
| 2 | 200 | 0.00 | 29 | 0.00 | 2.30 | 5 | 2098 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.72 | 47 | 0.01 | 0.07 | 53 | 494 | 467 | 24 | 987 | 200 | 2 |
| 2 | 800 | 0.00 | 29 | 0.00 | 2.32 | 5 | 2100 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.72 | 47 | 0.01 | 0.07 | 53 | 497 | 465 | 24 | 987 | 800 | 2 |
| 2 | 1400 | 0.00 | 29 | 0.00 | 2.33 | 5 | 2103 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.72 | 47 | 0.01 | 0.07 | 53 | 499 | 464 | 24 | 988 | 1400 | 2 |
| 2 | 2000 | 0.00 | 29 | 0.00 | 2.35 | 5 | 2105 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.71 | 47 | 0.01 | 0.07 | 53 | 502 | 462 | 23 | 989 | 2000 | 2 |
| 3 | 200 | 0.00 | 29 | 0.00 | 2.36 | 5 | 2107 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.71 | 47 | 0.01 | 0.07 | 53 | 504 | 461 | 23 | 989 | 200 | 3 |
| 3 | 800 | 0.00 | 29 | 0.00 | 2.37 | 5 | 2109 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.71 | 47 | 0.01 | 0.07 | 53 | 506 | 459 | 23 | 990 | 800 | 3 |
| 3 | 1400 | 0.00 | 29 | 0.00 | 2.39 | 5 | 2111 | 88 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.70 | 47 | 0.01 | 0.07 | 53 | 508 | 457 | 23 | 990 | 1400 | 3 |
| 3 | 2000 | 0.00 | 29 | 0.00 | 2.40 | 5 | 2113 | 87 | 2.3 | 49 | 0.06 | 0.03 | 0.09 | 3.70 | 47 | 0.01 | 0.07 | 53 | 511 | 456 | 23 | 991 | 2000 | 3 |
| 4 | 200 | 0.00 | 40 | 0.00 | 2.43 | 5 | 2115 | 87 | 2.8 | 60 | 0.08 | 0.05 | 0.09 | 3.70 | 47 | 0.02 | 0.07 | 53 | 513 | 455 | 23 | 992 | 200 | 4 |
| 4 | 800 | 0.00 | 40 | 0.00 | 2.45 | 5 | 2119 | 87 | 2.8 | 60 | 0.08 | 0.05 | 0.09 | 3.70 | 47 | 0.02 | 0.07 | 53 | 515 | 455 | 24 | 995 | 800 | 4 |
| 4 | 1400 | 0.00 | 63 | 0.00 | 2.49 | 5 | 2122 | 87 | 4.2 | 74 | 0.12 | 0.09 | 0.09 | 3.71 | 47 | 0.04 | 0.08 | 53 | 517 | 460 | 25 | 1003 | 1400 | 4 |
| 4 | 2000 | 0.00 | 63 | 0.00 | 2.53 | 5 | 2128 | 87 | 4.2 | 74 | 0.12 | 0.09 | 0.09 | 3.74 | 47 | 0.04 | 0.09 | 52 | 519 | 473 | 29 | 1023 | 2000 | 4 |
| 5 | 200 | 0.00 | 88 | 0.00 | 2.61 | 5 | 2134 | 86 | 6.8 | 84 | 0.19 | 0.16 | 0.09 | 3.77 | 48 | 0.08 | 0.10 | 51 | 521 | 502 | 35 | 1060 | 200 | 5 |
| 5 | 800 | 0.00 | 93 | 0.00 | 2.70 | 6 | 2145 | 86 | 7.8 | 85 | 0.22 | 0.19 | 0.09 | 3.85 | 48 | 0.09 | 0.12 | 50 | 523 | 556 | 46 | 1126 | 800 | 5 |
| 5 | 1400 | 0.00 | 99 | 0.00 | 2.83 | 6 | 2159 | 85 | 10.9 | 86 | 0.31 | 0.27 | 0.09 | 3.94 | 49 | 0.13 | 0.15 | 49 | 525 | 647 | 62 | 1235 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 3.01 | 6 | 2178 | 84 | 14.0 | 85 | 0.40 | 0.34 | 0.09 | 4.07 | 51 | 0.17 | 0.19 | 47 | 527 | 790 | 89 | 1407 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 3.20 | 7 | 2203 | 83 | 15.0 | 84 | 0.43 | 0.37 | 0.09 | 4.25 | 53 | 0.19 | 0.23 | 46 | 528 | 1002 | 133 | 1665 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 3.44 | 7 | 2231 | 82 | 18.1 | 83 | 0.53 | 0.44 | 0.09 | 4.44 | 54 | 0.24 | 0.29 | 42 | 530 | 1299 | 198 | 2028 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 3.71 | 8 | 2266 | 81 | 20.2 | 82 | 0.59 | 0.49 | 0.09 | 4.66 | 57 | 0.28 | 0.35 | 38 | 532 | 1694 | 293 | 2520 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 4.03 | 8 | 2307 | 79 | 22.2 | 81 | 0.66 | 0.53 | 0.09 | 4.90 | 59 | 0.31 | 0.42 | 35 | 534 | 2199 | 434 | 3168 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 4.40 | 9 | 2343 | 78 | 25.3 | 79 | 0.76 | 0.61 | 0.09 | 5.15 | 62 | 0.37 | 0.51 | 31 | 535 | 2828 | 644 | 4009 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 4.82 | 10 | 2380 | 77 | 27.3 | 78 | 0.84 | 0.65 | 0.09 | 5.43 | 64 | 0.42 | 0.61 | 29 | 537 | 3589 | 963 | 5090 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 5.29 | 11 | 2421 | 75 | 29.4 | 76 | 0.92 | 0.70 | 0.09 | 5.71 | 67 | 0.47 | 0.72 | 27 | 539 | 4485 | 1441 | 6466 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 5.77 | 12 | 2466 | 73 | 28.8 | 75 | 0.92 | 0.69 | 0.09 | 6.00 | 70 | 0.48 | 0.83 | 25 | 541 | 5507 | 2116 | 8165 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 6.26 | 13 | 2513 | 72 | 27.9 | 73 | 0.91 | 0.67 | 0.09 | 6.26 | 73 | 0.48 | 0.94 | 23 | 542 | 6632 | 2970 | 10145 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 6.75 | 14 | 2560 | 70 | 27.9 | 72 | 0.92 | 0.66 | 0.09 | 6.49 | 75 | 0.49 | 1.05 | 21 | 544 | 7819 | 3937 | 12301 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.01 | 7.24 | 15 | 2608 | 68 | 27.0 | 70 | 0.91 | 0.65 | 0.09 | 6.70 | 77 | 0.50 | 1.16 | 20 | 546 | 9022 | 4951 | 14519 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.02 | 7.74 | 16 | 2656 | 66 | 26.9 | 68 | 0.93 | 0.64 | 0.09 | 6.90 | 79 | 0.51 | 1.27 | 18 | 548 | 10193 | 5974 | 16717 | 2000 | 8 |
| 9 | 200 | 0.04 | 100 | 0.06 | 8.23 | 17 | 2704 | 65 | 26.3 | 66 | 0.92 | 0.66 | 0.09 | 7.08 | 81 | 0.53 | 1.38 | 17 | 550 | 11295 | 7000 | 18846 | 200 | 9 |
| 9 | 800 | 0.04 | 100 | 0.09 | 8.73 | 18 | 2752 | 63 | 26.2 | 65 | 0.94 | 0.65 | 0.09 | 7.25 | 83 | 0.54 | 1.49 | 16 | 552 | 12298 | 8046 | 20898 | 800 | 9 |
| 9 | 1400 | 0.04 | 100 | 0.13 | 9.23 | 19 | 2801 | 61 | 25.6 | 63 | 0.93 | 0.63 | 0.09 | 7.41 | 84 | 0.53 | 1.60 | 15 | 554 | 13180 | 9130 | 22865 | 1400 | 9 |
| 9 | 2000 | 0.05 | 100 | 0.17 | 9.72 | 20 | 2849 | 60 | 25.5 | 61 | 0.94 | 0.63 | 0.09 | 7.55 | 86 | 0.54 | 1.71 | 14 | 557 | 13928 | 10230 | 24716 | 2000 | 9 |
| 10 | 200 | 0.14 | 100 | 0.30 | 10.20 | 21 | 2894 | 58 | 24.6 | 60 | 0.93 | 0.69 | 0.09 | 7.69 | 87 | 0.60 | 1.83 | 13 | 559 | 14540 | 11347 | 26447 | 200 | 10 |
| 10 | 800 | 0.15 | 100 | 0.42 | 10.69 | 22 | 2929 | 57 | 24.5 | 58 | 0.95 | 0.70 | 0.09 | 7.82 | 88 | 0.62 | 1.95 | 12 | 562 | 15020 | 12566 | 28150 | 800 | 10 |
| 10 | 1400 | 0.15 | 100 | 0.55 | 11.19 | 23 | 2965 | 56 | 24.3 | 57 | 0.97 | 0.70 | 0.09 | 7.95 | 89 | 0.63 | 2.08 | 10 | 565 | 15384 | 13977 | 29928 | 1400 | 10 |
| 10 | 2000 | 0.15 | 100 | 0.69 | 11.69 | 24 | 3001 | 55 | 24.2 | 56 | 1.00 | 0.70 | 0.09 | 8.06 | 91 | 0.64 | 2.20 | 10 | 569 | 15648 | 15558 | 31776 | 2000 | 10 |
| 11 | 200 | 0.11 | 100 | 0.79 | 12.18 | 25 | 3038 | 53 | 23.3 | 54 | 0.99 | 0.65 | 0.09 | 8.16 | 92 | 0.59 | 2.31 | 10 | 572 | 15824 | 17171 | 33569 | 200 | 11 |
| 11 | 800 | 0.11 | 100 | 0.89 | 12.68 | 26 | 3074 | 52 | 23.2 | 53 | 1.01 | 0.65 | 0.09 | 8.25 | 92 | 0.60 | 2.43 | 10 | 577 | 15924 | 18610 | 35112 | 800 | 11 |
| 11 | 1400 | 0.16 | 100 | 1.04 | 13.18 | 27 | 3111 | 51 | 23.0 | 52 | 1.03 | 0.69 | 0.09 | 8.33 | 93 | 0.65 | 2.55 | 10 | 581 | 15954 | 19760 | 36297 | 1400 | 11 |
| 11 | 2000 | 0.39 | 100 | 1.40 | 13.68 | 28 | 3147 | 49 | 22.9 | 51 | 1.05 | 0.92 | 0.09 | 8.40 | 94 | 0.86 | 2.72 | 10 | 586 | 15927 | 20826 | 37341 | 2000 | 11 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.193 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.13 | 100 | 1.53 | 14.13 | 29 | 3184 | 48 | 20.7 | 49 | 0.98 | 0.61 | 0.09 | 8.48 | 95 | 0.58 | 2.81 | 10 | 591 | 15861 | 22134 | 38588 | 200 | 12 |
| 12 | 800 | 0.13 | 100 | 1.65 | 14.57 | 30 | 3218 | 47 | 19.6 | 48 | 0.95 | 0.59 | 0.09 | 8.54 | 95 | 0.56 | 2.89 | 10 | 597 | 15769 | 23472 | 39840 | 800 | 12 |
| 12 | 1400 | 0.18 | 100 | 1.82 | 14.98 | 31 | 3250 | 46 | 18.5 | 47 | 0.91 | 0.60 | 0.09 | 8.58 | 96 | 0.58 | 2.97 | 10 | 603 | 15654 | 24239 | 40498 | 1400 | 12 |
| 12 | 2000 | 0.44 | 100 | 2.24 | 15.36 | 32 | 3280 | 45 | 17.4 | 46 | 0.87 | 0.84 | 0.09 | 8.62 | 96 | 0.81 | 3.09 | 10 | 609 | 15519 | 24378 | 40508 | 2000 | 12 |
| 13 | 200 | 0.18 | 100 | 2.41 | 15.75 | 33 | 3308 | 44 | 17.4 | 45 | 0.89 | 0.57 | 0.09 | 8.67 | 97 | 0.55 | 3.16 | 10 | 616 | 15378 | 24391 | 40387 | 200 | 13 |
| 13 | 800 | 0.18 | 100 | 2.58 | 16.13 | 34 | 3337 | 43 | 17.3 | 44 | 0.90 | 0.57 | 0.09 | 8.70 | 97 | 0.55 | 3.22 | 10 | 624 | 15240 | 24453 | 40318 | 800 | 13 |
| 13 | 1400 | 0.23 | 100 | 2.80 | 16.51 | 34 | 3365 | 42 | 17.3 | 43 | 0.91 | 0.63 | 0.09 | 8.72 | 97 | 0.61 | 3.30 | 10 | 632 | 15104 | 24309 | 40047 | 1400 | 13 |
| 13 | 2000 | 0.60 | 100 | 3.39 | 16.89 | 35 | 3393 | 41 | 17.3 | 42 | 0.93 | 0.99 | 0.09 | 8.75 | 98 | 0.96 | 3.46 | 10 | 640 | 14969 | 24143 | 39754 | 2000 | 13 |
| 14 | 200 | 0.21 | 100 | 3.60 | 17.25 | 36 | 3421 | 40 | 16.4 | 41 | 0.89 | 0.58 | 0.09 | 8.79 | 98 | 0.56 | 3.51 | 10 | 650 | 14843 | 24538 | 40032 | 200 | 14 |
| 14 | 800 | 0.21 | 100 | 3.80 | 17.60 | 37 | 3447 | 39 | 16.3 | 40 | 0.90 | 0.57 | 0.09 | 8.80 | 98 | 0.56 | 3.56 | 10 | 659 | 14732 | 25370 | 40763 | 800 | 14 |
| 14 | 1400 | 0.28 | 100 | 4.08 | 17.95 | 37 | 3466 | 39 | 16.2 | 39 | 0.91 | 0.64 | 0.09 | 8.82 | 98 | 0.63 | 3.63 | 10 | 670 | 14628 | 25891 | 41190 | 1400 | 14 |
| 14 | 2000 | 0.72 | 100 | 4.78 | 18.31 | 38 | 3484 | 38 | 16.2 | 39 | 0.92 | 1.07 | 0.09 | 8.84 | 98 | 1.05 | 3.80 | 10 | 681 | 14525 | 26102 | 41309 | 2000 | 14 |
| 15 | 200 | 0.36 | 100 | 5.14 | 18.68 | 39 | 3502 | 37 | 17.1 | 38 | 0.99 | 0.73 | 0.09 | 8.86 | 99 | 0.72 | 3.89 | 10 | 692 | 14434 | 26823 | 41951 | 200 | 15 |
| 15 | 800 | 0.36 | 100 | 5.49 | 19.05 | 40 | 3521 | 37 | 17.1 | 37 | 1.00 | 0.73 | 0.09 | 8.88 | 99 | 0.72 | 3.98 | 10 | 704 | 14365 | 28256 | 43327 | 800 | 15 |
| 15 | 1400 | 0.47 | 100 | 5.96 | 19.42 | 40 | 3540 | 36 | 17.0 | 37 | 1.01 | 0.85 | 0.09 | 8.89 | 99 | 0.84 | 4.10 | 10 | 717 | 14314 | 29774 | 44806 | 1400 | 15 |
| 15 | 2000 | 1.19 | 100 | 7.14 | 19.78 | 41 | 3558 | 35 | 16.9 | 36 | 1.03 | 1.56 | 0.09 | 8.90 | 99 | 1.54 | 4.37 | 10 | 730 | 14279 | 31471 | 46482 | 2000 | 15 |
| 16 | 200 | 0.65 | 100 | 7.78 | 20.12 | 42 | 3577 | 35 | 15.6 | 35 | 0.97 | 0.99 | 0.09 | 8.92 | 99 | 0.98 | 4.49 | 10 | 744 | 14274 | 34350 | 49370 | 200 | 16 |
| 16 | 800 | 0.27 | 100 | 8.05 | 20.41 | 43 | 3595 | 34 | 13.5 | 35 | 0.85 | 0.56 | 0.09 | 8.93 | 99 | 0.56 | 4.49 | 10 | 759 | 14308 | 38059 | 53128 | 800 | 16 |
| 16 | 1400 | 0.19 | 100 | 8.24 | 20.70 | 43 | 3609 | 34 | 13.4 | 34 | 0.85 | 0.48 | 0.09 | 8.93 | 99 | 0.48 | 4.48 | 10 | 774 | 14362 | 40383 | 55520 | 1400 | 16 |
| 16 | 2000 | 0.19 | 100 | 8.42 | 21.02 | 44 | 3624 | 33 | 14.4 | 34 | 0.93 | 0.50 | 0.09 | 8.93 | 99 | 0.50 | 4.48 | 10 | 790 | 14394 | 39793 | 54978 | 2000 | 16 |
| 17 | 200 | 0.45 | 100 | 8.87 | 21.33 | 44 | 3640 | 33 | 14.6 | 33 | 0.96 | 0.76 | 0.09 | 8.93 | 99 | 0.76 | 4.54 | 10 | 806 | 14370 | 36931 | 52108 | 200 | 17 |
| 17 | 800 | 0.18 | 100 | 9.05 | 21.64 | 45 | 3656 | 32 | 14.5 | 33 | 0.97 | 0.50 | 0.09 | 8.94 | 99 | 0.49 | 4.55 | 10 | 823 | 14282 | 33476 | 48582 | 800 | 17 |
| 17 | 1400 | 0.13 | 100 | 9.18 | 21.95 | 46 | 3672 | 32 | 14.4 | 32 | 0.98 | 0.44 | 0.09 | 8.94 | 99 | 0.44 | 4.54 | 10 | 841 | 14134 | 30413 | 45389 | 1400 | 17 |
| 17 | 2000 | 0.13 | 100 | 9.31 | 22.26 | 46 | 3688 | 31 | 14.4 | 31 | 0.99 | 0.44 | 0.09 | 8.94 | 99 | 0.44 | 4.54 | 10 | 859 | 13927 | 27708 | 42495 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 9.31 | 22.59 | 47 | 3704 | 30 | 15.4 | 31 | 1.07 | 0.33 | 0.09 | 8.94 | 99 | 0.33 | 4.53 | 10 | 878 | 13656 | 25134 | 39670 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 9.31 | 22.92 | 48 | 3721 | 30 | 15.3 | 30 | 1.08 | 0.33 | 0.09 | 8.92 | 99 | 0.33 | 4.52 | 10 | 897 | 13319 | 22627 | 36844 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 9.31 | 23.24 | 48 | 3738 | 29 | 15.3 | 30 | 1.09 | 0.32 | 0.09 | 8.91 | 99 | 0.32 | 4.51 | 10 | 917 | 12912 | 20220 | 34050 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 9.31 | 23.55 | 49 | 3754 | 29 | 15.2 | 29 | 1.10 | 0.32 | 0.09 | 8.90 | 99 | 0.32 | 4.51 | 10 | 938 | 12441 | 18045 | 31426 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 9.31 | 23.93 | 50 | 3770 | 28 | 18.1 | 29 | 1.33 | 0.38 | 0.09 | 8.89 | 99 | 0.38 | 4.56 | 10 | 959 | 11925 | 16279 | 29164 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 9.31 | 24.34 | 51 | 3789 | 27 | 20.1 | 28 | 1.50 | 0.42 | 0.09 | 8.88 | 99 | 0.41 | 4.65 | 10 | 981 | 11384 | 15111 | 27478 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 9.31 | 24.79 | 52 | 3811 | 26 | 22.1 | 27 | 1.67 | 0.45 | 0.09 | 8.88 | 99 | 0.45 | 4.77 | 10 | 1003 | 10840 | 14693 | 26537 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 9.31 | 25.28 | 53 | 3834 | 26 | 24.4 | 26 | 1.86 | 0.49 | 0.09 | 8.87 | 99 | 0.48 | 4.94 | 10 | 1026 | 10310 | 15033 | 26370 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 9.31 | 25.77 | 54 | 3858 | 25 | 25.3 | 25 | 1.96 | 0.50 | 0.09 | 8.88 | 99 | 0.49 | 5.11 | 10 | 1049 | 9806 | 15995 | 26851 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 9.31 | 26.24 | 55 | 3883 | 24 | 25.3 | 25 | 1.97 | 0.48 | 0.09 | 8.88 | 99 | 0.48 | 5.28 | 10 | 1073 | 9335 | 17335 | 27744 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 9.31 | 26.71 | 56 | 3908 | 23 | 25.2 | 24 | 1.99 | 0.47 | 0.09 | 8.88 | 99 | 0.46 | 5.45 | 10 | 1098 | 8899 | 18746 | 28744 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 9.31 | 27.16 | 57 | 3932 | 22 | 25.1 | 23 | 2.00 | 0.46 | 0.09 | 8.88 | 99 | 0.45 | 5.61 | 10 | 1122 | 8498 | 19959 | 29581 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 9.31 | 27.67 | 58 | 3955 | 21 | 29.0 | 22 | 2.33 | 0.51 | 0.09 | 8.88 | 99 | 0.51 | 5.84 | 10 | 1148 | 8129 | 20872 | 30150 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 9.31 | 28.16 | 59 | 3981 | 20 | 28.9 | 21 | 2.35 | 0.50 | 0.09 | 8.89 | 99 | 0.49 | 6.06 | 10 | 1173 | 7789 | 21586 | 30550 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 9.31 | 28.63 | 60 | 4012 | 20 | 28.8 | 20 | 2.37 | 0.48 | 0.09 | 8.89 | 99 | 0.47 | 6.27 | 10 | 1200 | 7474 | 22227 | 30902 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 9.31 | 29.09 | 61 | 4049 | 19 | 28.8 | 20 | 2.39 | 0.47 | 0.09 | 8.90 | 99 | 0.46 | 6.46 | 10 | 1226 | 7179 | 22779 | 31186 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 9.31 | 29.58 | 62 | 4077 | 19 | 30.8 | 19 | 2.58 | 0.49 | 0.09 | 8.90 | 99 | 0.49 | 6.70 | 10 | 1253 | 6902 | 23185 | 31341 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 9.31 | 30.06 | 63 | 4107 | 18 | 30.8 | 19 | 2.60 | 0.48 | 0.09 | 8.90 | 99 | 0.48 | 6.92 | 10 | 1280 | 6640 | 23475 | 31397 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 9.31 | 30.53 | 64 | 4136 | 18 | 30.7 | 18 | 2.63 | 0.48 | 0.09 | 8.91 | 99 | 0.47 | 7.14 | 10 | 1308 | 6392 | 23713 | 31415 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 9.31 | 31.00 | 65 | 4165 | 17 | 30.7 | 18 | 2.65 | 0.47 | 0.09 | 8.91 | 99 | 0.46 | 7.34 | 10 | 1336 | 6159 | 23903 | 31399 | 2000 | 22 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.352 IN./DEGREE-DAY, AREA = 628.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 9.31 | 31.44 | 65 | 4193 | 17 | 29.6 | 17 | 2.58 | 0.44 | 0.09 | 8.91 | 99 | 0.44 | 7.52 | 10 | 1364 | 5938 | 24000 | 31304 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 9.31 | 31.87 | 66 | 4220 | 16 | 29.5 | 17 | 2.60 | 0.43 | 0.09 | 8.91 | 99 | 0.43 | 7.70 | 10 | 1392 | 5731 | 23949 | 31074 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 9.31 | 32.29 | 67 | 4246 | 16 | 29.5 | 16 | 2.61 | 0.43 | 0.09 | 8.91 | 99 | 0.42 | 7.87 | 10 | 1421 | 5537 | 23731 | 30690 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 9.31 | 32.70 | 68 | 4271 | 16 | 29.4 | 16 | 2.63 | 0.42 | 0.09 | 8.91 | 99 | 0.41 | 8.03 | 10 | 1450 | 5354 | 23380 | 30185 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 9.31 | 33.02 | 69 | 4297 | 15 | 23.1 | 15 | 2.08 | 0.32 | 0.09 | 8.91 | 99 | 0.32 | 8.05 | 10 | 1479 | 5182 | 22897 | 29559 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 9.31 | 33.33 | 69 | 4316 | 15 | 23.1 | 15 | 2.09 | 0.32 | 0.09 | 8.91 | 99 | 0.31 | 8.07 | 10 | 1508 | 5020 | 22164 | 28693 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 9.31 | 33.64 | 70 | 4335 | 15 | 23.0 | 15 | 2.10 | 0.31 | 0.09 | 8.91 | 99 | 0.31 | 8.09 | 10 | 1537 | 4868 | 21104 | 27510 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 9.31 | 33.95 | 71 | 4354 | 14 | 23.0 | 14 | 2.11 | 0.31 | 0.09 | 8.90 | 99 | 0.30 | 8.11 | 10 | 1567 | 4723 | 19837 | 26129 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 9.31 | 34.20 | 71 | 4372 | 14 | 19.8 | 14 | 1.83 | 0.26 | 0.09 | 8.90 | 99 | 0.26 | 8.07 | 10 | 1596 | 4587 | 18545 | 24730 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 9.31 | 34.46 | 72 | 4388 | 14 | 19.8 | 14 | 1.84 | 0.26 | 0.09 | 8.90 | 99 | 0.25 | 8.03 | 10 | 1626 | 4459 | 17296 | 23382 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 9.31 | 34.70 | 72 | 4403 | 14 | 19.8 | 14 | 1.84 | 0.25 | 0.09 | 8.89 | 99 | 0.25 | 7.99 | 10 | 1655 | 4338 | 16096 | 22090 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 9.31 | 34.95 | 73 | 4418 | 13 | 19.7 | 13 | 1.85 | 0.25 | 0.09 | 8.89 | 99 | 0.25 | 7.95 | 10 | 1685 | 4224 | 14987 | 20897 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 9.31 | 35.18 | 73 | 4433 | 13 | 18.7 | 13 | 1.76 | 0.23 | 0.09 | 8.89 | 99 | 0.23 | 7.90 | 10 | 1714 | 4116 | 14021 | 19853 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 9.31 | 35.40 | 74 | 4447 | 13 | 18.6 | 13 | 1.76 | 0.23 | 0.09 | 8.89 | 99 | 0.23 | 7.85 | 10 | 1744 | 4015 | 13201 | 18961 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 9.31 | 35.62 | 74 | 4461 | 13 | 18.6 | 13 | 1.77 | 0.22 | 0.09 | 8.88 | 99 | 0.22 | 7.80 | 10 | 1774 | 3919 | 12502 | 18196 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 9.31 | 35.84 | 75 | 4474 | 12 | 18.6 | 12 | 1.77 | 0.22 | 0.09 | 8.88 | 99 | 0.22 | 7.76 | 10 | 1803 | 3828 | 11910 | 17543 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 9.31 | 36.05 | 75 | 4488 | 12 | 17.5 | 12 | 1.68 | 0.21 | 0.09 | 8.88 | 99 | 0.20 | 7.70 | 10 | 1832 | 3743 | 11412 | 16989 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 9.31 | 36.25 | 76 | 4500 | 12 | 17.5 | 12 | 1.68 | 0.20 | 0.09 | 8.88 | 99 | 0.20 | 7.64 | 10 | 1861 | 3662 | 10977 | 16501 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 9.31 | 36.44 | 76 | 4512 | 12 | 17.5 | 12 | 1.68 | 0.20 | 0.09 | 8.88 | 99 | 0.20 | 7.58 | 10 | 1890 | 3585 | 10572 | 16049 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 9.31 | 36.64 | 76 | 4524 | 12 | 17.5 | 12 | 1.69 | 0.20 | 0.09 | 8.87 | 99 | 0.19 | 7.53 | 10 | 1919 | 3512 | 10195 | 15627 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 9.31 | 36.83 | 77 | 4536 | 11 | 17.4 | 11 | 1.69 | 0.19 | 0.09 | 8.87 | 99 | 0.19 | 7.49 | 10 | 1948 | 3442 | 9858 | 15249 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 9.31 | 37.02 | 77 | 4548 | 11 | 17.4 | 11 | 1.70 | 0.19 | 0.09 | 8.87 | 99 | 0.19 | 7.44 | 10 | 1976 | 3375 | 9567 | 14920 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 9.31 | 37.20 | 78 | 4559 | 11 | 17.4 | 11 | 1.70 | 0.19 | 0.09 | 8.87 | 99 | 0.19 | 7.40 | 10 | 2005 | 3310 | 9322 | 14639 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 9.31 | 37.38 | 78 | 4570 | 11 | 17.4 | 11 | 1.70 | 0.19 | 0.09 | 8.87 | 99 | 0.18 | 7.37 | 10 | 2033 | 3248 | 9115 | 14398 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 9.31 | 37.55 | 78 | 4582 | 11 | 16.3 | 11 | 1.60 | 0.17 | 0.09 | 8.87 | 99 | 0.17 | 7.31 | 10 | 2060 | 3189 | 8930 | 14180 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 9.31 | 37.72 | 79 | 4592 | 10 | 16.3 | 11 | 1.61 | 0.17 | 0.09 | 8.87 | 99 | 0.17 | 7.26 | 10 | 2088 | 3131 | 8737 | 13957 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 9.31 | 37.88 | 79 | 4602 | 10 | 16.3 | 10 | 1.61 | 0.17 | 0.09 | 8.87 | 99 | 0.16 | 7.21 | 10 | 2115 | 3075 | 8517 | 13708 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 9.31 | 36.05 | 79 | 4612 | 10 | 16.3 | 10 | 1.61 | 0.16 | 0.09 | 8.87 | 99 | 0.16 | 7.16 | 10 | 2141 | 3020 | 8280 | 13443 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 9.31 | 38.20 | 80 | 4622 | 10 | 15.2 | 10 | 1.51 | 0.15 | 0.09 | 8.87 | 99 | 0.15 | 7.09 | 10 | 2168 | 2968 | 8039 | 13175 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 9.31 | 38.34 | 80 | 4631 | 10 | 15.2 | 10 | 1.51 | 0.15 | 0.09 | 8.86 | 99 | 0.15 | 7.03 | 10 | 2194 | 2916 | 7792 | 12903 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 9.31 | 38.49 | 80 | 4640 | 10 | 15.2 | 10 | 1.52 | 0.15 | 0.09 | 8.86 | 99 | 0.15 | 6.97 | 10 | 2219 | 2866 | 7533 | 12619 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 58.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.100 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 1 | 1400 | 0.00 | 0 | 0.00 | 0.00 | 0 | 0 | 100 | 0.0 | 0 | 0.00 | 0.00 | 0.09 | 4.00 | 0 | 0.00 | 0.03 | 0 | 140 | 10 | 4 | 154 | 1400 | 1 |
| 1 | 2000 | 0.00 | 40 | 0.00 | 0.03 | 0 | 677 | 100 | 4.0 | 65 | 0.10 | 0.07 | 0.09 | 4.00 | 50 | 0.03 | 0.04 | 57 | 140 | 10 | 4 | 155 | 2000 | 1 |
| 2 | 200 | 0.00 | 40 | 0.00 | 0.07 | 0 | 694 | 100 | 4.0 | 65 | 0.10 | 0.07 | 0.09 | 4.01 | 50 | 0.03 | 0.04 | 56 | 140 | 15 | 5 | 160 | 200 | 2 |
| 2 | 800 | 0.00 | 40 | 0.00 | 0.10 | 0 | 712 | 99 | 4.0 | 65 | 0.10 | 0.07 | 0.09 | 4.02 | 50 | 0.03 | 0.05 | 56 | 140 | 26 | 8 | 175 | 800 | 2 |
| 2 | 1400 | 0.00 | 40 | 0.00 | 0.13 | 0 | 729 | 99 | 4.0 | 65 | 0.10 | 0.07 | 0.09 | 4.03 | 50 | 0.03 | 0.05 | 55 | 140 | 48 | 11 | 200 | 1400 | 2 |
| 2 | 2000 | 0.00 | 40 | 0.00 | 0.16 | 0 | 746 | 99 | 4.0 | 65 | 0.10 | 0.06 | 0.09 | 4.04 | 50 | 0.03 | 0.06 | 55 | 140 | 79 | 15 | 235 | 2000 | 2 |
| 3 | 200 | 0.00 | 40 | 0.00 | 0.20 | 0 | 763 | 99 | 4.0 | 65 | 0.10 | 0.06 | 0.09 | 4.05 | 51 | 0.03 | 0.06 | 54 | 140 | 118 | 18 | 277 | 200 | 3 |
| 3 | 800 | 0.00 | 40 | 0.00 | 0.23 | 0 | 780 | 99 | 4.0 | 64 | 0.10 | 0.06 | 0.09 | 4.06 | 51 | 0.03 | 0.06 | 54 | 140 | 161 | 21 | 323 | 800 | 3 |
| 3 | 1400 | 0.00 | 40 | 0.00 | 0.26 | 1 | 797 | 99 | 3.9 | 64 | 0.10 | 0.06 | 0.09 | 4.07 | 51 | 0.03 | 0.07 | 54 | 140 | 207 | 23 | 371 | 1400 | 3 |
| 3 | 2000 | 0.00 | 40 | 0.00 | 0.29 | 1 | 815 | 98 | 3.9 | 64 | 0.10 | 0.06 | 0.09 | 4.08 | 51 | 0.03 | 0.07 | 53 | 140 | 252 | 25 | 418 | 2000 | 3 |
| 4 | 200 | 0.00 | 40 | 0.00 | 0.33 | 1 | 832 | 98 | 3.9 | 64 | 0.10 | 0.06 | 0.09 | 4.09 | 51 | 0.03 | 0.08 | 53 | 140 | 295 | 26 | 461 | 200 | 4 |
| 4 | 800 | 0.00 | 40 | 0.00 | 0.36 | 1 | 849 | 98 | 3.9 | 64 | 0.10 | 0.06 | 0.09 | 4.10 | 51 | 0.03 | 0.08 | 52 | 140 | 334 | 26 | 501 | 800 | 4 |
| 4 | 1400 | 0.00 | 40 | 0.00 | 0.39 | 1 | 866 | 98 | 3.9 | 64 | 0.10 | 0.06 | 0.09 | 4.11 | 51 | 0.03 | 0.08 | 52 | 140 | 369 | 27 | 537 | 1400 | 4 |
| 4 | 2000 | 0.00 | 40 | 0.00 | 0.42 | 1 | 883 | 98 | 3.9 | 63 | 0.10 | 0.06 | 0.09 | 4.12 | 51 | 0.03 | 0.09 | 52 | 140 | 400 | 27 | 568 | 2000 | 4 |
| 5 | 200 | 0.00 | 40 | 0.00 | 0.46 | 1 | 899 | 98 | 3.9 | 63 | 0.10 | 0.06 | 0.09 | 4.13 | 51 | 0.03 | 0.09 | 51 | 140 | 427 | 28 | 595 | 200 | 5 |
| 5 | 800 | 0.00 | 40 | 0.00 | 0.49 | 1 | 916 | 97 | 3.9 | 63 | 0.10 | 0.06 | 0.09 | 4.13 | 51 | 0.03 | 0.09 | 51 | 140 | 449 | 28 | 618 | 800 | 5 |
| 5 | 1400 | 0.00 | 40 | 0.00 | 0.52 | 1 | 933 | 97 | 3.9 | 63 | 0.10 | 0.06 | 0.09 | 4.14 | 51 | 0.03 | 0.09 | 51 | 140 | 468 | 28 | 637 | 1400 | 5 |
| 5 | 2000 | 0.00 | 40 | 0.00 | 0.55 | 1 | 950 | 97 | 3.8 | 63 | 0.10 | 0.06 | 0.09 | 4.15 | 52 | 0.03 | 0.10 | 51 | 140 | 484 | 28 | 654 | 2000 | 5 |
| 6 | 200 | 0.00 | 40 | 0.00 | 0.58 | 1 | 967 | 97 | 3.8 | 63 | 0.10 | 0.06 | 0.09 | 4.16 | 52 | 0.03 | 0.10 | 50 | 140 | 497 | 28 | 667 | 200 | 6 |
| 6 | 800 | 0.00 | 40 | 0.00 | 0.61 | 1 | 983 | 97 | 3.8 | 62 | 0.10 | 0.06 | 0.09 | 4.17 | 52 | 0.03 | 0.10 | 50 | 140 | 508 | 28 | 678 | 800 | 6 |
| 6 | 1400 | 0.00 | 40 | 0.00 | 0.65 | 1 | 1000 | 97 | 3.8 | 62 | 0.10 | 0.06 | 0.09 | 4.18 | 52 | 0.03 | 0.10 | 50 | 140 | 517 | 28 | 688 | 1400 | 6 |
| 6 | 2000 | 0.00 | 40 | 0.00 | 0.68 | 1 | 1007 | 96 | 3.8 | 62 | 0.10 | 0.06 | 0.09 | 4.18 | 52 | 0.03 | 0.10 | 50 | 140 | 525 | 29 | 695 | 2000 | 6 |
| 7 | 200 | 0.00 | 40 | 0.00 | 0.71 | 1 | 1014 | 96 | 3.8 | 62 | 0.10 | 0.06 | 0.09 | 4.19 | 52 | 0.03 | 0.10 | 50 | 140 | 531 | 29 | 702 | 200 | 7 |
| 7 | 800 | 0.00 | 40 | 0.00 | 0.74 | 2 | 1022 | 96 | 3.8 | 62 | 0.10 | 0.06 | 0.09 | 4.20 | 52 | 0.03 | 0.11 | 50 | 141 | 536 | 29 | 707 | 800 | 7 |
| 7 | 1400 | 0.00 | 40 | 0.00 | 0.77 | 2 | 1029 | 96 | 3.8 | 62 | 0.10 | 0.06 | 0.09 | 4.21 | 52 | 0.03 | 0.11 | 50 | 141 | 540 | 29 | 711 | 1400 | 7 |
| 7 | 2000 | 0.00 | 40 | 0.00 | 0.80 | 2 | 1036 | 96 | 3.8 | 61 | 0.10 | 0.06 | 0.09 | 4.22 | 52 | 0.03 | 0.11 | 50 | 141 | 544 | 29 | 715 | 2000 | 7 |
| 8 | 200 | 0.00 | 40 | 0.00 | 0.83 | 2 | 1043 | 96 | 3.7 | 61 | 0.10 | 0.06 | 0.09 | 4.22 | 52 | 0.03 | 0.11 | 50 | 141 | 546 | 29 | 718 | 200 | 8 |
| 8 | 800 | 0.00 | 40 | 0.00 | 0.87 | 2 | 1050 | 95 | 3.7 | 61 | 0.10 | 0.06 | 0.09 | 4.23 | 52 | 0.03 | 0.11 | 50 | 142 | 548 | 29 | 720 | 800 | 8 |
| 8 | 1400 | 0.00 | 40 | 0.00 | 0.90 | 2 | 1057 | 95 | 3.7 | 61 | 0.10 | 0.06 | 0.09 | 4.24 | 52 | 0.03 | 0.11 | 49 | 142 | 550 | 29 | 722 | 1400 | 8 |
| 8 | 2000 | 0.00 | 40 | 0.00 | 0.93 | 2 | 1064 | 95 | 3.7 | 61 | 0.10 | 0.06 | 0.09 | 4.24 | 52 | 0.03 | 0.11 | 49 | 143 | 551 | 29 | 724 | 2000 | 8 |
| 9 | 200 | 0.00 | 40 | 0.00 | 0.96 | 2 | 1071 | 95 | 3.7 | 61 | 0.10 | 0.06 | 0.09 | 4.25 | 53 | 0.03 | 0.11 | 49 | 143 | 552 | 29 | 725 | 200 | 9 |
| 9 | 800 | 0.00 | 40 | 0.00 | 0.99 | 2 | 1078 | 95 | 3.7 | 61 | 0.10 | 0.06 | 0.09 | 4.26 | 53 | 0.03 | 0.12 | 49 | 143 | 553 | 29 | 726 | 800 | 9 |
| 9 | 1400 | 0.00 | 40 | 0.00 | 1.02 | 2 | 1085 | 95 | 3.7 | 60 | 0.10 | 0.06 | 0.09 | 4.27 | 53 | 0.03 | 0.12 | 49 | 144 | 553 | 29 | 727 | 1400 | 9 |
| 9 | 2000 | 0.00 | 40 | 0.00 | 1.05 | 2 | 1092 | 95 | 3.7 | 60 | 0.10 | 0.06 | 0.09 | 4.27 | 53 | 0.03 | 0.12 | 49 | 145 | 553 | 29 | 728 | 2000 | 9 |
| 10 | 200 | 0.00 | 40 | 0.00 | 1.08 | 2 | 1099 | 94 | 3.7 | 60 | 0.10 | 0.06 | 0.09 | 4.28 | 53 | 0.03 | 0.12 | 49 | 145 | 553 | 29 | 728 | 200 | 10 |
| 10 | 800 | 0.00 | 40 | 0.00 | 1.11 | 2 | 1106 | 94 | 3.6 | 60 | 0.10 | 0.06 | 0.09 | 4.28 | 53 | 0.03 | 0.12 | 49 | 146 | 553 | 29 | 729 | 800 | 10 |
| 10 | 1400 | 0.00 | 40 | 0.00 | 1.14 | 2 | 1113 | 94 | 3.6 | 60 | 0.10 | 0.06 | 0.09 | 4.29 | 53 | 0.03 | 0.12 | 49 | 146 | 552 | 28 | 729 | 1400 | 10 |
| 10 | 2000 | 0.00 | 40 | 0.00 | 1.17 | 2 | 1120 | 94 | 3.6 | 60 | 0.10 | 0.06 | 0.09 | 4.30 | 53 | 0.03 | 0.12 | 49 | 147 | 552 | 28 | 729 | 2000 | 10 |
| 11 | 200 | 0.00 | 40 | 0.00 | 1.20 | 3 | 1127 | 94 | 3.6 | 59 | 0.10 | 0.06 | 0.09 | 4.30 | 53 | 0.03 | 0.12 | 49 | 148 | 551 | 28 | 729 | 200 | 11 |
| 11 | 800 | 0.00 | 40 | 0.00 | 1.23 | 3 | 1134 | 94 | 3.6 | 59 | 0.10 | 0.06 | 0.09 | 4.31 | 53 | 0.03 | 0.12 | 49 | 149 | 550 | 28 | 729 | 800 | 11 |
| 11 | 1400 | 0.00 | 40 | 0.00 | 1.26 | 3 | 1141 | 93 | 3.6 | 59 | 0.10 | 0.06 | 0.09 | 4.32 | 53 | 0.03 | 0.12 | 49 | 150 | 550 | 28 | 729 | 1400 | 11 |
| 11 | 2000 | 0.00 | 40 | 0.00 | 1.29 | 3 | 1148 | 93 | 3.6 | 59 | 0.10 | 0.06 | 0.09 | 4.32 | 53 | 0.03 | 0.12 | 49 | 151 | 549 | 28 | 729 | 2000 | 11 |
| 12 | 200 | 0.00 | 40 | 0.00 | 1.32 | 3 | 1154 | 93 | 3.6 | 59 | 0.10 | 0.06 | 0.09 | 4.33 | 53 | 0.03 | 0.12 | 49 | 152 | 548 | 28 | 729 | 200 | 12 |
| 12 | 800 | 0.00 | 40 | 0.00 | 1.35 | 3 | 1161 | 93 | 3.6 | 59 | 0.10 | 0.06 | 0.09 | 4.33 | 53 | 0.03 | 0.12 | 49 | 153 | 547 | 28 | 729 | 800 | 12 |

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

FORM 1317C
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. 310881 INITIAL DATE, HOUR 1 MAY 1972 1400 JOB DESCRIPTION 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.107 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ME-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | RUP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 12 | 1400 | 0.00 | 40 | 0.00 | 1.38 | 3 | 1168 | 93 | 3.6 | 58 | 0.10 | 0.06 | 0.09 | 4.34 | 53 | 0.03 | 0.12 | 49 | 154 | 546 | 28 | 729 | 1400 | 12 |
| 12 | 2000 | 0.00 | 40 | 0.00 | 1.41 | 3 | 1175 | 93 | 3.5 | 58 | 0.09 | 0.06 | 0.09 | 4.34 | 53 | 0.03 | 0.12 | 49 | 155 | 545 | 28 | 729 | 2000 | 12 |
| 13 | 200 | 0.00 | 40 | 0.00 | 1.44 | 3 | 1181 | 92 | 3.5 | 58 | 0.09 | 0.06 | 0.09 | 4.35 | 53 | 0.03 | 0.12 | 49 | 157 | 543 | 28 | 729 | 200 | 13 |
| 13 | 800 | 0.00 | 40 | 0.00 | 1.47 | 3 | 1188 | 92 | 3.5 | 58 | 0.09 | 0.05 | 0.09 | 4.35 | 54 | 0.03 | 0.12 | 49 | 158 | 542 | 28 | 729 | 800 | 13 |
| 13 | 1400 | 0.00 | 40 | 0.00 | 1.50 | 3 | 1195 | 92 | 3.5 | 58 | 0.09 | 0.05 | 0.09 | 4.36 | 54 | 0.03 | 0.12 | 49 | 159 | 541 | 28 | 730 | 1400 | 13 |
| 13 | 2000 | 0.00 | 40 | 0.00 | 1.53 | 3 | 1201 | 92 | 3.5 | 58 | 0.09 | 0.05 | 0.09 | 4.36 | 54 | 0.03 | 0.12 | 49 | 161 | 540 | 28 | 730 | 2000 | 13 |
| 14 | 200 | 0.00 | 40 | 0.00 | 1.56 | 3 | 1208 | 92 | 3.5 | 58 | 0.09 | 0.05 | 0.09 | 4.37 | 54 | 0.03 | 0.12 | 49 | 162 | 538 | 28 | 730 | 200 | 14 |
| 14 | 800 | 0.00 | 40 | 0.00 | 1.59 | 3 | 1215 | 92 | 3.5 | 57 | 0.09 | 0.05 | 0.09 | 4.37 | 54 | 0.03 | 0.12 | 49 | 164 | 537 | 27 | 730 | 800 | 14 |
| 14 | 1400 | 0.00 | 40 | 0.00 | 1.62 | 3 | 1221 | 92 | 3.5 | 57 | 0.09 | 0.05 | 0.09 | 4.38 | 54 | 0.03 | 0.12 | 49 | 165 | 536 | 27 | 730 | 1400 | 14 |
| 14 | 2000 | 0.00 | 40 | 0.00 | 1.64 | 3 | 1228 | 91 | 3.5 | 57 | 0.09 | 0.05 | 0.09 | 4.38 | 54 | 0.03 | 0.12 | 49 | 167 | 534 | 27 | 730 | 2000 | 14 |
| 15 | 200 | 0.00 | 40 | 0.00 | 1.67 | 3 | 1234 | 91 | 3.5 | 57 | 0.09 | 0.05 | 0.09 | 4.39 | 54 | 0.03 | 0.12 | 49 | 169 | 533 | 27 | 730 | 200 | 15 |
| 15 | 800 | 0.00 | 40 | 0.00 | 1.70 | 4 | 1241 | 91 | 3.4 | 57 | 0.09 | 0.05 | 0.09 | 4.39 | 54 | 0.03 | 0.12 | 49 | 171 | 531 | 27 | 731 | 800 | 15 |
| 15 | 1400 | 0.00 | 40 | 0.00 | 1.73 | 4 | 1247 | 91 | 3.4 | 57 | 0.09 | 0.05 | 0.09 | 4.40 | 54 | 0.03 | 0.12 | 49 | 173 | 530 | 27 | 731 | 1400 | 15 |
| 15 | 2000 | 0.00 | 40 | 0.00 | 1.76 | 4 | 1254 | 91 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.40 | 54 | 0.03 | 0.12 | 49 | 174 | 528 | 27 | 731 | 2000 | 15 |
| 16 | 200 | 0.00 | 40 | 0.00 | 1.79 | 4 | 1260 | 91 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.41 | 54 | 0.03 | 0.12 | 49 | 176 | 527 | 27 | 732 | 200 | 16 |
| 16 | 800 | 0.00 | 40 | 0.00 | 1.82 | 4 | 1267 | 91 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.41 | 54 | 0.03 | 0.12 | 49 | 178 | 525 | 27 | 732 | 800 | 16 |
| 16 | 1400 | 0.00 | 40 | 0.00 | 1.84 | 4 | 1273 | 90 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.41 | 54 | 0.03 | 0.12 | 49 | 181 | 524 | 27 | 732 | 1400 | 16 |
| 16 | 2000 | 0.00 | 40 | 0.00 | 1.87 | 4 | 1280 | 90 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.42 | 54 | 0.03 | 0.12 | 49 | 183 | 522 | 27 | 733 | 2000 | 16 |
| 17 | 200 | 0.00 | 40 | 0.00 | 1.90 | 4 | 1286 | 90 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.42 | 54 | 0.03 | 0.12 | 49 | 185 | 520 | 27 | 733 | 200 | 17 |
| 17 | 800 | 0.00 | 40 | 0.00 | 1.93 | 4 | 1292 | 90 | 3.4 | 56 | 0.09 | 0.05 | 0.09 | 4.42 | 54 | 0.03 | 0.12 | 49 | 187 | 519 | 26 | 734 | 800 | 17 |
| 17 | 1400 | 0.00 | 40 | 0.00 | 1.96 | 4 | 1299 | 90 | 3.4 | 55 | 0.09 | 0.05 | 0.09 | 4.43 | 54 | 0.03 | 0.12 | 49 | 189 | 517 | 26 | 734 | 1400 | 17 |
| 17 | 2000 | 0.00 | 40 | 0.00 | 1.98 | 4 | 1305 | 90 | 3.3 | 55 | 0.09 | 0.05 | 0.09 | 4.43 | 54 | 0.03 | 0.12 | 49 | 192 | 516 | 26 | 735 | 2000 | 17 |
| 18 | 200 | 0.00 | 40 | 0.00 | 2.01 | 4 | 1311 | 90 | 3.3 | 55 | 0.09 | 0.05 | 0.09 | 4.44 | 54 | 0.03 | 0.12 | 49 | 194 | 514 | 26 | 736 | 200 | 18 |
| 18 | 800 | 0.00 | 40 | 0.00 | 2.04 | 4 | 1318 | 89 | 3.3 | 55 | 0.09 | 0.05 | 0.09 | 4.44 | 54 | 0.03 | 0.12 | 49 | 196 | 512 | 26 | 736 | 800 | 18 |
| 18 | 1400 | 0.00 | 40 | 0.00 | 2.07 | 4 | 1324 | 89 | 3.3 | 55 | 0.09 | 0.05 | 0.09 | 4.44 | 54 | 0.03 | 0.12 | 49 | 199 | 510 | 26 | 737 | 1400 | 18 |
| 18 | 2000 | 0.00 | 40 | 0.00 | 2.09 | 4 | 1330 | 89 | 3.3 | 55 | 0.09 | 0.05 | 0.09 | 4.45 | 54 | 0.03 | 0.12 | 49 | 201 | 509 | 26 | 738 | 2000 | 18 |
| 19 | 200 | 0.00 | 40 | 0.00 | 2.12 | 4 | 1336 | 89 | 3.3 | 55 | 0.09 | 0.05 | 0.09 | 4.45 | 54 | 0.03 | 0.12 | 49 | 204 | 507 | 26 | 738 | 200 | 19 |
| 19 | 800 | 0.00 | 40 | 0.00 | 2.15 | 4 | 1343 | 89 | 3.3 | 54 | 0.09 | 0.05 | 0.09 | 4.45 | 55 | 0.03 | 0.12 | 49 | 207 | 505 | 26 | 739 | 800 | 19 |
| 19 | 1400 | 0.00 | 40 | 0.00 | 2.17 | 5 | 1349 | 89 | 3.3 | 54 | 0.09 | 0.05 | 0.09 | 4.45 | 55 | 0.03 | 0.12 | 49 | 209 | 504 | 26 | 740 | 1400 | 19 |
| 19 | 2000 | 0.00 | 40 | 0.00 | 2.20 | 5 | 1355 | 89 | 3.3 | 54 | 0.09 | 0.05 | 0.09 | 4.46 | 55 | 0.03 | 0.12 | 49 | 212 | 502 | 26 | 741 | 2000 | 19 |
| 20 | 200 | 0.00 | 40 | 0.00 | 2.23 | 5 | 1361 | 88 | 3.3 | 54 | 0.09 | 0.05 | 0.09 | 4.46 | 55 | 0.03 | 0.12 | 49 | 215 | 500 | 25 | 741 | 200 | 20 |
| 20 | 800 | 0.00 | 40 | 0.00 | 2.25 | 5 | 1367 | 88 | 3.2 | 54 | 0.09 | 0.05 | 0.09 | 4.46 | 55 | 0.03 | 0.12 | 49 | 217 | 498 | 25 | 742 | 800 | 20 |
| 20 | 1400 | 0.00 | 40 | 0.00 | 2.28 | 5 | 1373 | 88 | 3.2 | 54 | 0.09 | 0.05 | 0.09 | 4.47 | 55 | 0.03 | 0.12 | 49 | 220 | 496 | 25 | 743 | 1400 | 20 |
| 20 | 2000 | 0.00 | 40 | 0.00 | 2.31 | 5 | 1379 | 88 | 3.2 | 54 | 0.09 | 0.05 | 0.09 | 4.47 | 55 | 0.03 | 0.12 | 49 | 223 | 495 | 25 | 744 | 2000 | 20 |
| 21 | 200 | 0.00 | 40 | 0.00 | 2.33 | 5 | 1385 | 88 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.47 | 55 | 0.03 | 0.12 | 49 | 226 | 493 | 25 | 745 | 200 | 21 |
| 21 | 800 | 0.00 | 40 | 0.00 | 2.36 | 5 | 1391 | 88 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.47 | 55 | 0.03 | 0.12 | 49 | 228 | 491 | 25 | 746 | 800 | 21 |
| 21 | 1400 | 0.00 | 40 | 0.00 | 2.39 | 5 | 1397 | 88 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.47 | 55 | 0.03 | 0.12 | 49 | 231 | 489 | 25 | 747 | 1400 | 21 |
| 21 | 2000 | 0.00 | 40 | 0.00 | 2.41 | 5 | 1403 | 87 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.48 | 55 | 0.03 | 0.12 | 49 | 234 | 487 | 25 | 748 | 2000 | 21 |
| 22 | 200 | 0.00 | 40 | 0.00 | 2.44 | 5 | 1409 | 87 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.48 | 55 | 0.03 | 0.12 | 49 | 237 | 486 | 25 | 749 | 200 | 22 |
| 22 | 800 | 0.00 | 40 | 0.00 | 2.46 | 5 | 1415 | 87 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.48 | 55 | 0.03 | 0.12 | 49 | 240 | 484 | 25 | 750 | 800 | 22 |
| 22 | 1400 | 0.00 | 40 | 0.00 | 2.49 | 5 | 1421 | 87 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.48 | 55 | 0.03 | 0.12 | 49 | 243 | 482 | 24 | 751 | 1400 | 22 |
| 22 | 2000 | 0.00 | 40 | 0.00 | 2.52 | 5 | 1427 | 87 | 3.2 | 53 | 0.09 | 0.05 | 0.09 | 4.49 | 55 | 0.03 | 0.12 | 49 | 246 | 480 | 24 | 752 | 2000 | 22 |
| 23 | 200 | 0.00 | 40 | 0.00 | 2.54 | 5 | 1433 | 87 | 3.2 | 52 | 0.09 | 0.05 | 0.09 | 4.49 | 55 | 0.03 | 0.12 | 49 | 249 | 478 | 24 | 753 | 200 | 23 |
| 23 | 800 | 0.00 | 40 | 0.00 | 2.57 | 5 | 1438 | 87 | 3.1 | 52 | 0.09 | 0.05 | 0.09 | 4.49 | 55 | 0.03 | 0.12 | 49 | 252 | 476 | 24 | 754 | 800 | 23 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.114 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY 1972 | | | | | | | | | | | | | | | | | | | | | | | | MAY 1972 |
| 23 | 1400 | 0.00 | 40 | 0.00 | 2.59 | 5 | 1444 | 86 | 3.1 | 52 | 0.09 | 0.05 | 0.09 | 4.49 | 55 | 0.03 | 0.12 | 49 | 255 | 475 | 24 | 755 | 1400 | 23 |
| 23 | 2000 | 0.00 | 40 | 0.00 | 2.62 | 5 | 1450 | 86 | 3.1 | 52 | 0.09 | 0.05 | 0.09 | 4.49 | 55 | 0.03 | 0.12 | 49 | 258 | 473 | 24 | 756 | 2000 | 23 |
| 24 | 200 | 0.00 | 40 | 0.00 | 2.64 | 6 | 1456 | 86 | 3.1 | 52 | 0.09 | 0.05 | 0.09 | 4.49 | 55 | 0.03 | 0.12 | 49 | 261 | 471 | 24 | 757 | 200 | 24 |
| 24 | 800 | 0.00 | 40 | 0.00 | 2.67 | 6 | 1461 | 86 | 3.1 | 52 | 0.09 | 0.05 | 0.09 | 4.50 | 55 | 0.03 | 0.12 | 49 | 264 | 469 | 24 | 758 | 800 | 24 |
| 24 | 1400 | 0.00 | 40 | 0.00 | 2.69 | 6 | 1467 | 86 | 3.1 | 52 | 0.09 | 0.05 | 0.09 | 4.50 | 55 | 0.03 | 0.12 | 49 | 267 | 467 | 24 | 759 | 1400 | 24 |
| 24 | 2000 | 0.00 | 40 | 0.00 | 2.72 | 6 | 1473 | 86 | 3.1 | 51 | 0.09 | 0.05 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 270 | 465 | 24 | 760 | 2000 | 24 |
| 25 | 200 | 0.00 | 40 | 0.00 | 2.74 | 6 | 1479 | 86 | 3.1 | 51 | 0.09 | 0.05 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 273 | 463 | 23 | 761 | 200 | 25 |
| 25 | 800 | 0.00 | 40 | 0.00 | 2.77 | 6 | 1484 | 86 | 3.1 | 51 | 0.09 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 276 | 462 | 23 | 762 | 800 | 25 |
| 25 | 1400 | 0.00 | 40 | 0.00 | 2.79 | 6 | 1490 | 85 | 3.1 | 51 | 0.09 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 279 | 460 | 23 | 763 | 1400 | 25 |
| 25 | 2000 | 0.00 | 40 | 0.00 | 2.82 | 6 | 1495 | 85 | 3.1 | 51 | 0.09 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 282 | 458 | 23 | 765 | 2000 | 25 |
| 26 | 200 | 0.00 | 40 | 0.00 | 2.84 | 6 | 1501 | 85 | 3.0 | 51 | 0.09 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 285 | 456 | 23 | 766 | 200 | 26 |
| 26 | 800 | 0.00 | 40 | 0.00 | 2.87 | 6 | 1507 | 85 | 3.0 | 51 | 0.09 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.12 | 49 | 288 | 454 | 23 | 767 | 800 | 26 |
| 26 | 1400 | 0.00 | 40 | 0.00 | 2.89 | 6 | 1512 | 85 | 3.0 | 51 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 291 | 452 | 23 | 768 | 1400 | 26 |
| 26 | 2000 | 0.00 | 40 | 0.00 | 2.91 | 6 | 1518 | 85 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 294 | 450 | 23 | 769 | 2000 | 26 |
| 27 | 200 | 0.00 | 40 | 0.00 | 2.94 | 6 | 1523 | 85 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 297 | 448 | 23 | 770 | 200 | 27 |
| 27 | 800 | 0.00 | 40 | 0.00 | 2.96 | 6 | 1529 | 85 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 300 | 447 | 23 | 771 | 800 | 27 |
| 27 | 1400 | 0.00 | 40 | 0.00 | 2.99 | 6 | 1534 | 84 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 303 | 445 | 22 | 772 | 1400 | 27 |
| 27 | 2000 | 0.00 | 40 | 0.00 | 3.01 | 6 | 1539 | 84 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 306 | 443 | 22 | 773 | 2000 | 27 |
| 28 | 200 | 0.00 | 40 | 0.00 | 3.03 | 6 | 1545 | 84 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 309 | 441 | 22 | 774 | 200 | 28 |
| 28 | 800 | 0.00 | 40 | 0.00 | 3.06 | 6 | 1550 | 84 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 312 | 439 | 22 | 774 | 800 | 28 |
| 28 | 1400 | 0.00 | 40 | 0.00 | 3.08 | 6 | 1556 | 84 | 3.0 | 50 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 314 | 437 | 22 | 775 | 1400 | 28 |
| 28 | 2000 | 0.00 | 40 | 0.00 | 3.10 | 6 | 1561 | 84 | 3.0 | 49 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 317 | 435 | 22 | 776 | 2000 | 28 |
| 29 | 200 | 0.00 | 40 | 0.00 | 3.13 | 7 | 1566 | 84 | 2.9 | 49 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 320 | 434 | 22 | 777 | 200 | 29 |
| 29 | 800 | 0.00 | 40 | 0.00 | 3.15 | 7 | 1571 | 84 | 2.9 | 49 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.12 | 49 | 323 | 432 | 22 | 778 | 800 | 29 |
| 29 | 1400 | 0.00 | 40 | 0.00 | 3.17 | 7 | 1577 | 83 | 2.9 | 49 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 326 | 430 | 22 | 779 | 1400 | 29 |
| 29 | 2000 | 0.00 | 40 | 0.00 | 3.20 | 7 | 1582 | 83 | 2.9 | 49 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 328 | 428 | 22 | 780 | 2000 | 29 |
| 30 | 200 | 0.00 | 40 | 0.00 | 3.22 | 7 | 1587 | 83 | 2.9 | 49 | 0.09 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 331 | 426 | 22 | 780 | 200 | 30 |
| 30 | 800 | 0.00 | 40 | 0.00 | 3.24 | 7 | 1592 | 83 | 2.9 | 49 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 334 | 424 | 21 | 781 | 800 | 30 |
| 30 | 1400 | 0.00 | 40 | 0.00 | 3.26 | 7 | 1598 | 83 | 2.9 | 49 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 337 | 423 | 21 | 782 | 1400 | 30 |
| 30 | 2000 | 0.00 | 40 | 0.00 | 3.29 | 7 | 1603 | 83 | 2.9 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 339 | 421 | 21 | 783 | 2000 | 30 |
| 31 | 200 | 0.00 | 40 | 0.00 | 3.31 | 7 | 1608 | 83 | 2.9 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 342 | 419 | 21 | 783 | 200 | 31 |
| 31 | 800 | 0.00 | 40 | 0.00 | 3.33 | 7 | 1613 | 83 | 2.9 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 344 | 417 | 21 | 784 | 800 | 31 |
| 31 | 1400 | 0.00 | 40 | 0.00 | 3.35 | 7 | 1618 | 83 | 2.9 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 347 | 415 | 21 | 785 | 1400 | 31 |
| 31 | 2000 | 0.00 | 40 | 0.00 | 3.38 | 7 | 1623 | 82 | 2.9 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 350 | 413 | 21 | 785 | 2000 | 31 |



FORM 1411-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.118 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | O-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 1 | 200 | 0.00 | 40 | 0.00 | 3.40 | 7 | 1628 | 82 | 2.9 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 352 | 412 | 21 | 786 | 200 | 1 |
| 1 | 800 | 0.00 | 40 | 0.00 | 3.42 | 7 | 1633 | 82 | 2.8 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 354 | 410 | 21 | 786 | 800 | 1 |
| 1 | 1400 | 0.00 | 40 | 0.00 | 3.44 | 7 | 1638 | 82 | 2.8 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 357 | 408 | 21 | 787 | 1400 | 1 |
| 1 | 2000 | 0.00 | 40 | 0.00 | 3.46 | 7 | 1643 | 82 | 2.8 | 48 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 359 | 406 | 20 | 787 | 2000 | 1 |
| 2 | 200 | 0.00 | 40 | 0.00 | 3.49 | 7 | 1648 | 82 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.51 | 55 | 0.02 | 0.11 | 49 | 362 | 404 | 20 | 788 | 200 | 2 |
| 2 | 800 | 0.00 | 40 | 0.00 | 3.51 | 7 | 1653 | 82 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 49 | 364 | 403 | 20 | 788 | 800 | 2 |
| 2 | 1400 | 0.00 | 40 | 0.00 | 3.53 | 7 | 1658 | 82 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 49 | 366 | 401 | 20 | 789 | 1400 | 2 |
| 2 | 2000 | 0.00 | 40 | 0.00 | 3.55 | 7 | 1663 | 82 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 49 | 369 | 399 | 20 | 789 | 2000 | 2 |
| 3 | 200 | 0.00 | 40 | 0.00 | 3.57 | 7 | 1668 | 81 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 49 | 371 | 397 | 20 | 789 | 200 | 3 |
| 3 | 800 | 0.00 | 40 | 0.00 | 3.59 | 7 | 1673 | 81 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 50 | 373 | 395 | 20 | 790 | 800 | 3 |
| 3 | 1400 | 0.00 | 40 | 0.00 | 3.62 | 8 | 1678 | 81 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 50 | 375 | 394 | 20 | 790 | 1400 | 3 |
| 3 | 2000 | 0.00 | 40 | 0.00 | 3.64 | 8 | 1683 | 81 | 2.8 | 47 | 0.08 | 0.04 | 0.09 | 4.50 | 55 | 0.02 | 0.11 | 50 | 377 | 392 | 20 | 790 | 2000 | 3 |
| 4 | 200 | 0.00 | 48 | 0.00 | 3.67 | 8 | 1687 | 81 | 3.2 | 56 | 0.09 | 0.05 | 0.09 | 4.50 | 55 | 0.03 | 0.11 | 50 | 379 | 390 | 20 | 791 | 200 | 4 |
| 4 | 800 | 0.00 | 48 | 0.00 | 3.69 | 8 | 1694 | 81 | 3.2 | 56 | 0.09 | 0.05 | 0.09 | 4.50 | 55 | 0.03 | 0.11 | 49 | 381 | 390 | 20 | 793 | 300 | 4 |
| 4 | 1400 | 0.00 | 67 | 0.00 | 3.75 | 8 | 1701 | 80 | 4.5 | 69 | 0.13 | 0.09 | 0.09 | 4.51 | 55 | 0.05 | 0.12 | 49 | 383 | 392 | 21 | 798 | 1400 | 4 |
| 4 | 2000 | 0.00 | 67 | 0.00 | 3.80 | 8 | 1712 | 80 | 4.4 | 69 | 0.13 | 0.09 | 0.09 | 4.54 | 55 | 0.05 | 0.13 | 49 | 385 | 400 | 23 | 810 | 2000 | 4 |
| 5 | 200 | 0.00 | 89 | 0.00 | 3.89 | 8 | 1723 | 80 | 7.0 | 78 | 0.21 | 0.16 | 0.09 | 4.57 | 56 | 0.09 | 0.15 | 49 | 387 | 418 | 27 | 834 | 200 | 5 |
| 5 | 800 | 0.00 | 94 | 0.00 | 3.99 | 8 | 1741 | 79 | 8.0 | 79 | 0.24 | 0.19 | 0.09 | 4.64 | 56 | 0.11 | 0.17 | 48 | 389 | 452 | 34 | 876 | 800 | 5 |
| 5 | 1400 | 0.00 | 99 | 0.00 | 4.15 | 9 | 1757 | 79 | 11.1 | 79 | 0.33 | 0.27 | 0.09 | 4.72 | 57 | 0.15 | 0.21 | 46 | 391 | 509 | 46 | 947 | 1400 | 5 |
| 5 | 2000 | 0.00 | 100 | 0.00 | 4.34 | 9 | 1780 | 78 | 14.2 | 79 | 0.43 | 0.34 | 0.09 | 4.84 | 58 | 0.20 | 0.25 | 45 | 392 | 600 | 66 | 1060 | 2000 | 5 |
| 6 | 200 | 0.00 | 100 | 0.00 | 4.56 | 10 | 1810 | 77 | 15.2 | 78 | 0.47 | 0.36 | 0.09 | 5.00 | 60 | 0.22 | 0.30 | 41 | 394 | 734 | 100 | 1230 | 200 | 6 |
| 6 | 800 | 0.00 | 100 | 0.00 | 4.83 | 10 | 1843 | 77 | 18.3 | 77 | 0.57 | 0.44 | 0.09 | 5.16 | 62 | 0.27 | 0.37 | 37 | 396 | 924 | 153 | 1475 | 800 | 6 |
| 6 | 1400 | 0.00 | 100 | 0.00 | 5.14 | 11 | 1884 | 75 | 20.4 | 76 | 0.64 | 0.49 | 0.09 | 5.36 | 64 | 0.31 | 0.44 | 34 | 398 | 1177 | 234 | 1810 | 1400 | 6 |
| 6 | 2000 | 0.00 | 100 | 0.00 | 5.50 | 11 | 1931 | 74 | 22.4 | 75 | 0.71 | 0.54 | 0.09 | 5.57 | 66 | 0.35 | 0.53 | 31 | 399 | 1502 | 354 | 2257 | 2000 | 6 |
| 7 | 200 | 0.00 | 100 | 0.00 | 5.91 | 12 | 1985 | 73 | 25.5 | 74 | 0.82 | 0.61 | 0.09 | 5.80 | 68 | 0.41 | 0.63 | 28 | 401 | 1902 | 533 | 2838 | 200 | 7 |
| 7 | 800 | 0.00 | 100 | 0.00 | 6.37 | 13 | 2044 | 71 | 27.5 | 73 | 0.90 | 0.65 | 0.09 | 6.04 | 70 | 0.46 | 0.74 | 26 | 402 | 2378 | 800 | 3582 | 800 | 7 |
| 7 | 1400 | 0.00 | 100 | 0.00 | 6.88 | 14 | 2108 | 69 | 29.5 | 71 | 0.98 | 0.70 | 0.09 | 6.29 | 73 | 0.51 | 0.87 | 24 | 404 | 2923 | 1186 | 4515 | 1400 | 7 |
| 7 | 2000 | 0.00 | 100 | 0.00 | 7.39 | 15 | 2179 | 68 | 28.9 | 69 | 0.98 | 0.68 | 0.09 | 6.54 | 75 | 0.51 | 1.00 | 22 | 406 | 3526 | 1712 | 5644 | 2000 | 7 |
| 8 | 200 | 0.00 | 100 | 0.00 | 7.90 | 16 | 2251 | 66 | 28.1 | 68 | 0.97 | 0.66 | 0.09 | 6.77 | 78 | 0.51 | 1.12 | 20 | 407 | 4165 | 2359 | 6933 | 200 | 8 |
| 8 | 800 | 0.00 | 100 | 0.00 | 8.42 | 18 | 2322 | 64 | 28.0 | 66 | 0.99 | 0.65 | 0.09 | 6.97 | 80 | 0.52 | 1.24 | 19 | 409 | 4816 | 3074 | 8301 | 800 | 8 |
| 8 | 1400 | 0.01 | 100 | 0.01 | 8.93 | 19 | 2394 | 62 | 27.0 | 64 | 0.97 | 0.63 | 0.09 | 7.15 | 82 | 0.52 | 1.36 | 18 | 410 | 5450 | 3803 | 9664 | 1400 | 8 |
| 8 | 2000 | 0.01 | 100 | 0.02 | 9.44 | 20 | 2465 | 61 | 26.9 | 62 | 0.99 | 0.63 | 0.09 | 7.32 | 83 | 0.52 | 1.48 | 16 | 412 | 6042 | 4509 | 10964 | 2000 | 8 |
| 9 | 200 | 0.04 | 100 | 0.05 | 9.94 | 21 | 2536 | 59 | 26.3 | 60 | 0.98 | 0.63 | 0.09 | 7.47 | 85 | 0.53 | 1.60 | 15 | 414 | 6571 | 5182 | 12168 | 200 | 9 |
| 9 | 800 | 0.04 | 100 | 0.09 | 10.45 | 22 | 2594 | 58 | 26.2 | 59 | 1.00 | 0.63 | 0.09 | 7.61 | 86 | 0.54 | 1.72 | 14 | 415 | 7027 | 5830 | 13274 | 800 | 9 |
| 9 | 1400 | 0.04 | 100 | 0.12 | 10.96 | 23 | 2647 | 56 | 25.6 | 58 | 1.01 | 0.62 | 0.09 | 7.74 | 87 | 0.54 | 1.84 | 13 | 417 | 7403 | 6469 | 14290 | 1400 | 9 |
| 9 | 2000 | 0.04 | 100 | 0.16 | 11.48 | 24 | 2701 | 55 | 25.6 | 56 | 1.04 | 0.63 | 0.09 | 7.86 | 89 | 0.56 | 1.96 | 12 | 419 | 7700 | 7105 | 15225 | 2000 | 9 |
| 10 | 200 | 0.12 | 100 | 0.27 | 11.99 | 25 | 2755 | 54 | 24.6 | 55 | 1.03 | 0.69 | 0.09 | 7.97 | 90 | 0.62 | 2.09 | 10 | 421 | 7922 | 7760 | 16104 | 200 | 10 |
| 10 | 800 | 0.13 | 100 | 0.38 | 12.51 | 26 | 2808 | 52 | 24.6 | 54 | 1.06 | 0.70 | 0.09 | 8.08 | 91 | 0.63 | 2.23 | 10 | 423 | 8079 | 8481 | 16984 | 800 | 10 |
| 10 | 1400 | 0.13 | 100 | 0.50 | 13.03 | 27 | 2862 | 51 | 24.3 | 52 | 1.08 | 0.69 | 0.09 | 8.19 | 92 | 0.63 | 2.36 | 10 | 425 | 8182 | 9296 | 17905 | 1400 | 10 |
| 10 | 2000 | 0.13 | 100 | 0.62 | 13.55 | 28 | 2916 | 50 | 24.2 | 51 | 1.10 | 0.69 | 0.09 | 8.28 | 93 | 0.64 | 2.50 | 10 | 427 | 8243 | 10160 | 18832 | 2000 | 10 |
| 11 | 200 | 0.10 | 100 | 0.71 | 14.05 | 29 | 2971 | 48 | 23.3 | 50 | 1.09 | 0.64 | 0.09 | 8.36 | 94 | 0.60 | 2.62 | 10 | 430 | 8267 | 10980 | 19679 | 200 | 11 |
| 11 | 800 | 0.10 | 100 | 0.80 | 14.56 | 30 | 3020 | 47 | 23.2 | 48 | 1.11 | 0.63 | 0.09 | 8.43 | 94 | 0.60 | 2.73 | 10 | 432 | 8261 | 11654 | 20349 | 800 | 11 |
| 11 | 1400 | 0.14 | 100 | 0.93 | 15.06 | 31 | 3064 | 46 | 22.9 | 47 | 1.13 | 0.67 | 0.09 | 8.49 | 95 | 0.64 | 2.86 | 10 | 435 | 8227 | 12140 | 20803 | 1400 | 11 |
| 11 | 2000 | 0.34 | 100 | 1.26 | 15.56 | 32 | 3108 | 44 | 22.9 | 46 | 1.15 | 0.86 | 0.09 | 8.55 | 96 | 0.83 | 3.03 | 10 | 438 | 8170 | 12557 | 21166 | 2000 | 11 |

FORM 141-3

PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF N.P.D., CORPS OF ENGINEERS

ETI = 0.09 IN./DAY, MELT RATE = 0.210 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BTI | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 12 | 200 | 0.12 | 100 | 1.37 | 16.02 | 33 | 3152 | 45 | 20.7 | 44 | 1.07 | 0.59 | 0.09 | 8.61 | 96 | 0.57 | 3.13 | 10 | 441 | 8100 | 13076 | 21618 | 200 | 12 |
| 12 | 800 | 0.12 | 100 | 1.48 | 16.45 | 34 | 3191 | 42 | 19.6 | 43 | 1.03 | 0.56 | 0.09 | 8.65 | 97 | 0.54 | 3.21 | 10 | 444 | 8021 | 13598 | 22065 | 800 | 12 |
| 12 | 1400 | 0.15 | 100 | 1.63 | 16.85 | 35 | 3229 | 41 | 18.5 | 42 | 0.99 | 0.57 | 0.09 | 8.69 | 97 | 0.55 | 3.28 | 10 | 448 | 7933 | 13831 | 22213 | 1400 | 12 |
| 12 | 2000 | 0.38 | 100 | 2.00 | 17.23 | 36 | 3268 | 40 | 17.4 | 41 | 0.95 | 0.77 | 0.09 | 8.72 | 97 | 0.75 | 3.40 | 10 | 452 | 7839 | 13744 | 22037 | 2000 | 12 |
| 13 | 200 | 0.15 | 100 | 2.15 | 17.60 | 37 | 3297 | 39 | 17.3 | 40 | 0.96 | 0.54 | 0.09 | 8.75 | 97 | 0.52 | 3.46 | 10 | 456 | 7745 | 13588 | 21790 | 200 | 13 |
| 13 | 800 | 0.15 | 100 | 2.30 | 17.98 | 37 | 3321 | 39 | 17.3 | 39 | 0.97 | 0.54 | 0.09 | 8.77 | 98 | 0.52 | 3.52 | 10 | 460 | 7654 | 13455 | 21571 | 800 | 13 |
| 13 | 1400 | 0.20 | 100 | 2.50 | 18.35 | 38 | 3343 | 38 | 17.2 | 39 | 0.98 | 0.59 | 0.09 | 8.79 | 98 | 0.57 | 3.59 | 10 | 464 | 7567 | 13239 | 21272 | 1400 | 13 |
| 13 | 2000 | 0.52 | 100 | 3.02 | 18.72 | 39 | 3366 | 37 | 17.2 | 38 | 1.00 | 0.90 | 0.09 | 8.81 | 98 | 0.89 | 3.73 | 10 | 469 | 7483 | 13036 | 20990 | 2000 | 13 |
| 14 | 200 | 0.19 | 100 | 3.20 | 19.07 | 40 | 3388 | 37 | 16.3 | 37 | 0.96 | 0.54 | 0.09 | 8.84 | 98 | 0.53 | 3.78 | 10 | 474 | 7407 | 13131 | 21014 | 200 | 14 |
| 14 | 800 | 0.19 | 100 | 3.38 | 19.42 | 40 | 3410 | 36 | 16.2 | 37 | 0.97 | 0.54 | 0.09 | 8.85 | 98 | 0.53 | 3.82 | 10 | 480 | 7342 | 13459 | 21283 | 800 | 14 |
| 14 | 1400 | 0.25 | 100 | 3.63 | 19.77 | 41 | 3431 | 35 | 16.2 | 36 | 0.98 | 0.60 | 0.09 | 8.86 | 99 | 0.59 | 3.89 | 10 | 485 | 7285 | 13657 | 21429 | 1400 | 14 |
| 14 | 2000 | 0.63 | 100 | 4.25 | 20.12 | 42 | 3452 | 35 | 16.1 | 35 | 0.99 | 0.98 | 0.09 | 8.87 | 99 | 0.97 | 4.04 | 10 | 491 | 7232 | 13722 | 21446 | 2000 | 14 |
| 15 | 200 | 0.31 | 100 | 4.56 | 20.49 | 43 | 3473 | 34 | 17.1 | 35 | 1.07 | 0.69 | 0.09 | 8.89 | 99 | 0.68 | 4.13 | 10 | 497 | 7187 | 14043 | 21729 | 200 | 15 |
| 15 | 800 | 0.31 | 100 | 4.87 | 20.85 | 43 | 3495 | 34 | 17.0 | 34 | 1.09 | 0.68 | 0.09 | 8.90 | 99 | 0.68 | 4.21 | 10 | 504 | 7156 | 14720 | 22381 | 800 | 15 |
| 15 | 1400 | 0.42 | 100 | 5.28 | 21.22 | 44 | 3518 | 33 | 16.9 | 33 | 1.10 | 0.78 | 0.09 | 8.91 | 99 | 0.78 | 4.32 | 10 | 510 | 7136 | 15453 | 23101 | 1400 | 15 |
| 15 | 2000 | 1.04 | 100 | 6.31 | 21.58 | 45 | 3540 | 32 | 16.9 | 33 | 1.12 | 1.41 | 0.09 | 8.92 | 99 | 1.40 | 4.58 | 10 | 517 | 7124 | 16284 | 23927 | 2000 | 15 |
| 16 | 200 | 0.57 | 100 | 6.88 | 21.92 | 46 | 3562 | 32 | 15.5 | 32 | 1.05 | 0.91 | 0.09 | 8.93 | 99 | 0.90 | 4.69 | 10 | 525 | 7127 | 17680 | 25333 | 200 | 16 |
| 16 | 800 | 0.24 | 100 | 7.11 | 22.21 | 46 | 3582 | 31 | 13.4 | 31 | 0.92 | 0.53 | 0.09 | 8.94 | 99 | 0.52 | 4.68 | 10 | 532 | 7149 | 19459 | 27142 | 800 | 16 |
| 16 | 1400 | 0.17 | 100 | 7.28 | 22.49 | 47 | 3599 | 31 | 13.3 | 31 | 0.93 | 0.45 | 0.09 | 8.94 | 99 | 0.45 | 4.67 | 10 | 540 | 7182 | 20551 | 28274 | 1400 | 16 |
| 16 | 2000 | 0.17 | 100 | 7.44 | 22.80 | 47 | 3617 | 30 | 14.3 | 30 | 1.01 | 0.47 | 0.09 | 8.94 | 99 | 0.47 | 4.67 | 10 | 548 | 7201 | 20228 | 27979 | 2000 | 16 |
| 17 | 200 | 0.39 | 100 | 7.83 | 23.10 | 48 | 3635 | 29 | 14.5 | 30 | 1.03 | 0.70 | 0.09 | 8.94 | 99 | 0.69 | 4.73 | 10 | 557 | 7191 | 18808 | 26557 | 200 | 17 |
| 17 | 800 | 0.16 | 100 | 7.99 | 23.41 | 49 | 3654 | 29 | 14.4 | 29 | 1.04 | 0.47 | 0.09 | 8.95 | 99 | 0.46 | 4.74 | 10 | 566 | 7145 | 17106 | 24818 | 800 | 17 |
| 17 | 1400 | 0.12 | 100 | 8.10 | 23.71 | 49 | 3672 | 28 | 14.4 | 29 | 1.05 | 0.42 | 0.09 | 8.95 | 99 | 0.42 | 4.74 | 10 | 575 | 7067 | 15600 | 23243 | 1400 | 17 |
| 17 | 2000 | 0.12 | 100 | 8.22 | 24.01 | 50 | 3690 | 28 | 14.3 | 28 | 1.06 | 0.41 | 0.09 | 8.95 | 99 | 0.41 | 4.74 | 10 | 584 | 6957 | 14272 | 21815 | 2000 | 17 |
| 18 | 200 | 0.00 | 100 | 8.22 | 24.32 | 51 | 3708 | 27 | 15.3 | 28 | 1.15 | 0.32 | 0.09 | 8.94 | 99 | 0.32 | 4.73 | 10 | 594 | 6815 | 13013 | 20423 | 200 | 18 |
| 18 | 800 | 0.00 | 100 | 8.22 | 24.63 | 51 | 3728 | 27 | 15.3 | 27 | 1.15 | 0.31 | 0.09 | 8.93 | 99 | 0.31 | 4.73 | 10 | 604 | 6638 | 11788 | 19032 | 800 | 18 |
| 18 | 1400 | 0.00 | 100 | 8.22 | 24.94 | 52 | 3746 | 26 | 15.2 | 27 | 1.16 | 0.31 | 0.09 | 8.91 | 99 | 0.30 | 4.72 | 10 | 614 | 6427 | 10612 | 17654 | 1400 | 18 |
| 18 | 2000 | 0.00 | 100 | 8.22 | 25.24 | 53 | 3765 | 26 | 15.1 | 26 | 1.16 | 0.30 | 0.09 | 8.90 | 99 | 0.30 | 4.72 | 10 | 624 | 6185 | 9541 | 16352 | 2000 | 18 |
| 19 | 200 | 0.00 | 100 | 8.22 | 25.59 | 53 | 3783 | 25 | 18.0 | 25 | 1.39 | 0.35 | 0.09 | 8.89 | 99 | 0.35 | 4.77 | 10 | 635 | 5921 | 8657 | 15215 | 200 | 19 |
| 19 | 800 | 0.00 | 100 | 8.22 | 25.97 | 54 | 3804 | 24 | 20.1 | 25 | 1.56 | 0.39 | 0.09 | 8.88 | 99 | 0.38 | 4.86 | 10 | 646 | 5645 | 8056 | 14348 | 800 | 19 |
| 19 | 1400 | 0.00 | 100 | 8.22 | 26.38 | 55 | 3828 | 24 | 22.1 | 24 | 1.73 | 0.42 | 0.09 | 8.88 | 99 | 0.41 | 4.99 | 10 | 657 | 5369 | 7815 | 13843 | 1400 | 19 |
| 19 | 2000 | 0.00 | 100 | 8.22 | 26.83 | 56 | 3853 | 23 | 24.3 | 23 | 1.92 | 0.45 | 0.09 | 8.88 | 99 | 0.45 | 5.16 | 10 | 669 | 5101 | 7945 | 13716 | 2000 | 19 |
| 20 | 200 | 0.00 | 100 | 8.22 | 27.28 | 57 | 3880 | 22 | 25.3 | 23 | 2.02 | 0.46 | 0.09 | 8.88 | 99 | 0.45 | 5.34 | 10 | 681 | 4846 | 8384 | 13912 | 200 | 20 |
| 20 | 800 | 0.00 | 100 | 8.22 | 27.72 | 58 | 3907 | 21 | 25.2 | 22 | 2.03 | 0.44 | 0.09 | 8.88 | 99 | 0.44 | 5.51 | 10 | 693 | 4608 | 9014 | 14316 | 800 | 20 |
| 20 | 1400 | 0.00 | 100 | 8.22 | 28.14 | 59 | 3933 | 20 | 25.1 | 21 | 2.05 | 0.43 | 0.09 | 8.88 | 99 | 0.42 | 5.68 | 10 | 705 | 4388 | 9682 | 14777 | 1400 | 20 |
| 20 | 2000 | 0.00 | 100 | 8.22 | 28.55 | 59 | 3959 | 20 | 25.0 | 20 | 2.06 | 0.42 | 0.09 | 8.89 | 99 | 0.41 | 5.83 | 10 | 718 | 4186 | 10254 | 15159 | 2000 | 20 |
| 21 | 200 | 0.00 | 100 | 8.22 | 29.02 | 60 | 3978 | 19 | 29.0 | 20 | 2.40 | 0.47 | 0.09 | 8.89 | 99 | 0.47 | 6.05 | 10 | 730 | 4000 | 10679 | 15410 | 200 | 21 |
| 21 | 800 | 0.00 | 100 | 8.22 | 29.48 | 61 | 3994 | 19 | 28.9 | 19 | 2.42 | 0.46 | 0.09 | 8.89 | 99 | 0.46 | 6.27 | 10 | 743 | 3828 | 11013 | 15586 | 800 | 21 |
| 21 | 1400 | 0.00 | 100 | 8.22 | 29.93 | 62 | 4017 | 18 | 28.9 | 19 | 2.44 | 0.46 | 0.09 | 8.90 | 99 | 0.45 | 6.48 | 10 | 756 | 3670 | 11334 | 15762 | 1400 | 21 |
| 21 | 2000 | 0.00 | 100 | 8.22 | 30.38 | 63 | 4046 | 18 | 28.8 | 18 | 2.46 | 0.45 | 0.09 | 8.90 | 99 | 0.44 | 6.68 | 10 | 769 | 3525 | 11645 | 15941 | 2000 | 21 |
| 22 | 200 | 0.00 | 100 | 8.22 | 30.85 | 64 | 4074 | 17 | 30.9 | 18 | 2.66 | 0.47 | 0.09 | 8.90 | 99 | 0.47 | 6.92 | 10 | 783 | 3390 | 11915 | 16089 | 200 | 22 |
| 22 | 800 | 0.00 | 100 | 8.22 | 31.31 | 65 | 4103 | 17 | 30.8 | 17 | 2.68 | 0.46 | 0.09 | 8.91 | 99 | 0.46 | 7.15 | 10 | 796 | 3265 | 12146 | 16209 | 800 | 22 |
| 22 | 1400 | 0.00 | 100 | 8.22 | 31.76 | 66 | 4132 | 17 | 30.8 | 17 | 2.70 | 0.46 | 0.09 | 8.91 | 99 | 0.45 | 7.37 | 10 | 810 | 3150 | 12349 | 16310 | 1400 | 22 |
| 22 | 2000 | 0.00 | 100 | 8.22 | 32.20 | 67 | 4160 | 16 | 30.8 | 16 | 2.72 | 0.45 | 0.09 | 8.91 | 99 | 0.44 | 7.58 | 10 | 824 | 3043 | 12513 | 16382 | 2000 | 22 |



FORM 1413-3
PRINTED IN U.S.A.

BASIN RESULTS - STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI

RUN DATE RUN NO. INITIAL DATE, HOUR JOB DESCRIPTION N.P.D., CORPS OF ENGINEERS
310881 1 MAY 1972 1400 0 SUSITNA HEP SPRING PMF

ETI = 0.09 IN./DAY, MELT RATE = 0.360 IN./DEGREE-DAY, AREA = 345.0 SQ. MI.

| DAY | HOUR | PCPN | %RA | RN-AR | ML-AR | %AR | ELEV | SCA | D-DY | %MA | MELT | MI | ETI | SMI | ROP | RGP | BII | BFP | BASEF | SUBSF | SURF | DISCH | HOUR | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN 1972 | | | | | | | | | | | | | | | | | | | | | | | | JUN 1972 |
| 23 | 200 | 0.00 | 100 | 8.22 | 32.62 | 68 | 4188 | 16 | 29.7 | 16 | 2.65 | 0.42 | 0.09 | 8.91 | 99 | 0.42 | 7.76 | 10 | 838 | 2944 | 12609 | 16392 | 200 | 23 |
| 23 | 800 | 0.00 | 100 | 8.22 | 33.03 | 69 | 4214 | 15 | 29.6 | 16 | 2.66 | 0.41 | 0.09 | 8.91 | 99 | 0.41 | 7.94 | 10 | 852 | 2851 | 12609 | 16313 | 800 | 23 |
| 23 | 1400 | 0.00 | 100 | 8.22 | 33.43 | 70 | 4240 | 15 | 29.6 | 15 | 2.68 | 0.41 | 0.09 | 8.92 | 99 | 0.40 | 8.11 | 10 | 866 | 2764 | 12506 | 16137 | 1400 | 23 |
| 23 | 2000 | 0.00 | 100 | 8.22 | 33.82 | 70 | 4265 | 14 | 29.5 | 15 | 2.70 | 0.40 | 0.09 | 8.92 | 99 | 0.39 | 8.27 | 10 | 880 | 2681 | 12323 | 15885 | 2000 | 23 |
| 24 | 200 | 0.00 | 100 | 8.22 | 34.13 | 71 | 4290 | 14 | 23.2 | 14 | 2.13 | 0.31 | 0.09 | 8.92 | 99 | 0.30 | 8.29 | 10 | 894 | 2603 | 12063 | 15562 | 200 | 24 |
| 24 | 800 | 0.00 | 100 | 8.22 | 34.43 | 72 | 4309 | 14 | 23.2 | 14 | 2.14 | 0.30 | 0.09 | 8.91 | 99 | 0.30 | 8.31 | 10 | 909 | 2528 | 11669 | 15107 | 800 | 24 |
| 24 | 1400 | 0.00 | 100 | 8.22 | 34.72 | 72 | 4327 | 13 | 23.1 | 14 | 2.15 | 0.29 | 0.09 | 8.91 | 99 | 0.29 | 8.33 | 10 | 923 | 2457 | 11103 | 14485 | 1400 | 24 |
| 24 | 2000 | 0.00 | 100 | 8.22 | 35.00 | 73 | 4346 | 13 | 23.1 | 13 | 2.16 | 0.29 | 0.09 | 8.91 | 99 | 0.29 | 8.35 | 10 | 937 | 2389 | 10430 | 13757 | 2000 | 24 |
| 25 | 200 | 0.00 | 100 | 8.22 | 35.25 | 73 | 4364 | 13 | 19.9 | 13 | 1.87 | 0.25 | 0.09 | 8.90 | 99 | 0.24 | 8.30 | 10 | 952 | 2323 | 9744 | 13020 | 200 | 25 |
| 25 | 800 | 0.00 | 100 | 8.22 | 35.49 | 74 | 4379 | 13 | 19.9 | 13 | 1.88 | 0.24 | 0.09 | 8.90 | 99 | 0.24 | 8.26 | 10 | 966 | 2261 | 9082 | 12310 | 800 | 25 |
| 25 | 1400 | 0.00 | 100 | 8.22 | 35.72 | 74 | 4394 | 12 | 19.9 | 13 | 1.89 | 0.24 | 0.09 | 8.90 | 99 | 0.24 | 8.22 | 10 | 981 | 2201 | 8446 | 11629 | 1400 | 25 |
| 25 | 2000 | 0.00 | 100 | 8.22 | 35.95 | 75 | 4409 | 12 | 19.8 | 12 | 1.89 | 0.23 | 0.09 | 8.89 | 99 | 0.23 | 8.18 | 10 | 995 | 2144 | 7860 | 11001 | 2000 | 25 |
| 26 | 200 | 0.00 | 100 | 8.22 | 36.17 | 75 | 4423 | 12 | 18.8 | 12 | 1.80 | 0.22 | 0.09 | 8.89 | 99 | 0.22 | 8.12 | 10 | 1009 | 2090 | 7349 | 10450 | 200 | 26 |
| 26 | 800 | 0.00 | 100 | 8.22 | 36.38 | 76 | 4437 | 12 | 18.7 | 12 | 1.80 | 0.21 | 0.09 | 8.89 | 99 | 0.21 | 8.07 | 10 | 1024 | 2039 | 6915 | 9980 | 800 | 26 |
| 26 | 1400 | 0.00 | 100 | 8.22 | 36.59 | 76 | 4450 | 12 | 18.7 | 12 | 1.81 | 0.21 | 0.09 | 8.89 | 99 | 0.21 | 8.02 | 10 | 1038 | 1990 | 6546 | 9575 | 1400 | 26 |
| 26 | 2000 | 0.00 | 100 | 8.22 | 36.80 | 77 | 4463 | 11 | 18.7 | 11 | 1.81 | 0.21 | 0.09 | 8.88 | 99 | 0.21 | 7.97 | 10 | 1052 | 1944 | 6232 | 9230 | 2000 | 26 |
| 27 | 200 | 0.00 | 100 | 8.22 | 36.99 | 77 | 4476 | 11 | 17.6 | 11 | 1.71 | 0.19 | 0.09 | 8.88 | 99 | 0.19 | 7.91 | 10 | 1066 | 1900 | 5968 | 8937 | 200 | 27 |
| 27 | 800 | 0.00 | 100 | 8.22 | 37.18 | 77 | 4488 | 11 | 17.6 | 11 | 1.72 | 0.19 | 0.09 | 8.88 | 99 | 0.19 | 7.84 | 10 | 1081 | 1859 | 5737 | 8678 | 800 | 27 |
| 27 | 1400 | 0.00 | 100 | 8.22 | 37.36 | 78 | 4500 | 11 | 17.6 | 11 | 1.72 | 0.19 | 0.09 | 8.88 | 99 | 0.19 | 7.79 | 10 | 1095 | 1819 | 5522 | 8437 | 1400 | 27 |
| 27 | 2000 | 0.00 | 100 | 8.22 | 37.54 | 78 | 4512 | 11 | 17.6 | 11 | 1.73 | 0.18 | 0.09 | 8.88 | 99 | 0.18 | 7.73 | 10 | 1108 | 1781 | 5322 | 8213 | 2000 | 27 |
| 28 | 200 | 0.00 | 100 | 8.22 | 37.72 | 79 | 4523 | 10 | 17.6 | 11 | 1.73 | 0.18 | 0.09 | 8.88 | 99 | 0.18 | 7.68 | 10 | 1122 | 1745 | 5143 | 8012 | 200 | 28 |
| 28 | 800 | 0.00 | 100 | 8.22 | 37.90 | 79 | 4534 | 10 | 17.5 | 10 | 1.73 | 0.18 | 0.09 | 8.88 | 99 | 0.18 | 7.64 | 10 | 1136 | 1710 | 4989 | 7837 | 800 | 28 |
| 28 | 1400 | 0.00 | 100 | 8.22 | 38.08 | 79 | 4545 | 10 | 17.5 | 10 | 1.74 | 0.18 | 0.09 | 8.87 | 99 | 0.17 | 7.60 | 10 | 1149 | 1677 | 4858 | 7686 | 1400 | 28 |
| 28 | 2000 | 0.00 | 100 | 8.22 | 38.25 | 80 | 4556 | 10 | 17.5 | 10 | 1.74 | 0.17 | 0.09 | 8.87 | 99 | 0.17 | 7.56 | 10 | 1163 | 1645 | 4747 | 7557 | 2000 | 28 |
| 29 | 200 | 0.00 | 100 | 8.22 | 38.41 | 80 | 4567 | 10 | 16.4 | 10 | 1.64 | 0.16 | 0.09 | 8.87 | 99 | 0.16 | 7.50 | 10 | 1176 | 1614 | 4648 | 7439 | 200 | 29 |
| 29 | 800 | 0.00 | 100 | 8.22 | 38.56 | 80 | 4577 | 10 | 16.4 | 10 | 1.64 | 0.16 | 0.09 | 8.87 | 99 | 0.16 | 7.44 | 10 | 1189 | 1584 | 4545 | 7319 | 800 | 29 |
| 29 | 1400 | 0.00 | 100 | 8.22 | 38.72 | 81 | 4587 | 9 | 16.4 | 9 | 1.64 | 0.16 | 0.09 | 8.87 | 99 | 0.15 | 7.39 | 10 | 1202 | 1555 | 4428 | 7187 | 1400 | 29 |
| 29 | 2000 | 0.00 | 100 | 8.22 | 38.87 | 81 | 4597 | 9 | 16.4 | 9 | 1.64 | 0.15 | 0.09 | 8.87 | 99 | 0.15 | 7.34 | 10 | 1215 | 1527 | 4302 | 7045 | 2000 | 29 |
| 30 | 200 | 0.00 | 100 | 8.22 | 39.01 | 81 | 4606 | 9 | 15.3 | 9 | 1.54 | 0.14 | 0.09 | 8.87 | 99 | 0.14 | 7.26 | 10 | 1227 | 1500 | 4174 | 6903 | 200 | 30 |
| 30 | 800 | 0.00 | 100 | 8.22 | 39.14 | 82 | 4615 | 9 | 15.3 | 9 | 1.54 | 0.14 | 0.09 | 8.87 | 99 | 0.14 | 7.20 | 10 | 1239 | 1473 | 4043 | 6757 | 800 | 30 |
| 30 | 1400 | 0.00 | 100 | 8.22 | 39.28 | 82 | 4624 | 9 | 15.3 | 9 | 1.54 | 0.14 | 0.09 | 8.86 | 99 | 0.14 | 7.13 | 10 | 1251 | 1447 | 3906 | 6606 | 1400 | 30 |

MELT OPTIONS ARE MELT INDEX, %AR FUNCTION OF MELT ONLY, DEPL. CURVE, LAPSE=Y

FORM 1411-3

PRINTED IN U.S.A.

SUSITNA HEP SPRING PMF

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 100. | | | 120. | | | 220. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 99. | | | 120. | | | 220. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 98. | | | 119. | | | 217. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 94. | | | 118. | | | 212. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 89. | | | 116. | | | 205. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 83. | | | 114. | | | 197. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 77. | | | 112. | | | 190. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 71. | | | 111. | | | 183. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 66. | | | 111. | | | 177. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 60. | | | 112. | | | 173. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 55. | | | 114. | | | 169. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 50. | | | 117. | | | 167. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 46. | | | 120. | | | 167. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 42. | | | 125. | | | 167. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 38. | | | 130. | | | 168. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 34. | | | 136. | | | 171. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 31. | | | 142. | | | 174. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 28. | | | 149. | | | 178. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 26. | | | 156. | | | 182. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 23. | | | 162. | | | 186. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 21. | | | 169. | | | 191. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 19. | | | 176. | | | 196. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 18. | | | 183. | | | 201. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 16. | | | 190. | | | 206. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 15. | | | 196. | | | 211. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 14. | | | 202. | | | 216. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 13. | | | 207. | | | 221. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 12. | | | 213. | | | 225. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 11. | | | 218. | | | 229. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 10. | | | 223. | | | 233. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 10. | | | 227. | | | 237. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 9. | | | 231. | | | 241. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 9. | | | 235. | | | 244. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 9. | | | 238. | | | 247. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 8. | | | 241. | | | 250. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 8. | | | 244. | | | 252. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 8. | | | 246. | | | 255. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 7. | | | 249. | | | 257. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 7. | | | 251. | | | 259. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 7. | | | 253. | | | 260. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 7. | | | 254. | | | 262. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 7. | | | 256. | | | 263. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 7. | | | 257. | | | 265. | | | 20 12 MAY 72 |



FORM 1813-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 1.0 SUSITNA GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 12 MAY 72 800 | | 7. | | 258. | | | 266. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | | 7. | | 259. | | | 267. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | | 7. | | 260. | | | 268. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | | 7. | | 261. | | | 268. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | | 7. | | 262. | | | 269. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | | 6. | | 263. | | | 270. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | | 6. | | 263. | | | 270. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | | 6. | | 264. | | | 270. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | | 6. | | 264. | | | 271. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | | 6. | | 264. | | | 271. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | | 6. | | 265. | | | 271. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | | 6. | | 265. | | | 272. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | | 6. | | 265. | | | 272. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | | 6. | | 265. | | | 272. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | | 6. | | 265. | | | 272. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | | 6. | | 265. | | | 272. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | | 6. | | 265. | | | 272. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | | 6. | | 266. | | | 272. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | | 6. | | 266. | | | 272. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | | 6. | | 266. | | | 272. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | | 6. | | 266. | | | 272. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | | 6. | | 266. | | | 272. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | | 6. | | 266. | | | 272. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | | 6. | | 266. | | | 272. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | | 6. | | 266. | | | 272. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | | 6. | | 266. | | | 272. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | | 6. | | 266. | | | 272. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | | 6. | | 266. | | | 272. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | | 6. | | 266. | | | 272. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | | 6. | | 266. | | | 272. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | | 6. | | 266. | | | 273. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | | 6. | | 266. | | | 273. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | | 6. | | 266. | | | 273. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | | 6. | | 266. | | | 273. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | | 6. | | 266. | | | 273. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | | 6. | | 266. | | | 273. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | | 6. | | 266. | | | 273. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | | 6. | | 266. | | | 273. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | | 6. | | 266. | | | 273. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | | 6. | | 266. | | | 273. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | | 6. | | 267. | | | 273. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | | 6. | | 267. | | | 273. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | | 6. | | 267. | | | 274. | | | 200 22 MAY 72 |



FORM 4117-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | | 6. | | 267. | | | 274. | | | 20 23 MAY 72 |
| 23 MAY 72 800 | | 6. | | 267. | | | 274. | | | 80 23 MAY 72 |
| 23 MAY 72 1400 | | 6. | | 267. | | | 274. | | | 140 23 MAY 72 |
| 23 MAY 72 2000 | | 6. | | 268. | | | 274. | | | 200 23 MAY 72 |
| 24 MAY 72 200 | | 6. | | 268. | | | 275. | | | 20 24 MAY 72 |
| 24 MAY 72 800 | | 6. | | 268. | | | 275. | | | 80 24 MAY 72 |
| 24 MAY 72 1400 | | 6. | | 268. | | | 275. | | | 140 24 MAY 72 |
| 24 MAY 72 2000 | | 6. | | 268. | | | 275. | | | 200 24 MAY 72 |
| 25 MAY 72 200 | | 6. | | 269. | | | 275. | | | 20 25 MAY 72 |
| 25 MAY 72 800 | | 6. | | 269. | | | 276. | | | 80 25 MAY 72 |
| 25 MAY 72 1400 | | 6. | | 269. | | | 276. | | | 140 25 MAY 72 |
| 25 MAY 72 2000 | | 6. | | 269. | | | 276. | | | 200 25 MAY 72 |
| 26 MAY 72 200 | | 6. | | 270. | | | 276. | | | 20 26 MAY 72 |
| 26 MAY 72 800 | | 6. | | 270. | | | 277. | | | 80 26 MAY 72 |
| 26 MAY 72 1400 | | 6. | | 270. | | | 277. | | | 140 26 MAY 72 |
| 26 MAY 72 2000 | | 6. | | 271. | | | 277. | | | 200 26 MAY 72 |
| 27 MAY 72 200 | | 6. | | 271. | | | 278. | | | 20 27 MAY 72 |
| 27 MAY 72 800 | | 6. | | 271. | | | 278. | | | 80 27 MAY 72 |
| 27 MAY 72 1400 | | 6. | | 271. | | | 278. | | | 140 27 MAY 72 |
| 27 MAY 72 2000 | | 6. | | 272. | | | 278. | | | 200 27 MAY 72 |
| 28 MAY 72 200 | | 6. | | 272. | | | 279. | | | 20 28 MAY 72 |
| 28 MAY 72 800 | | 6. | | 272. | | | 279. | | | 80 28 MAY 72 |
| 28 MAY 72 1400 | | 6. | | 273. | | | 279. | | | 140 28 MAY 72 |
| 28 MAY 72 2000 | | 6. | | 273. | | | 280. | | | 200 28 MAY 72 |
| 29 MAY 72 200 | | 6. | | 273. | | | 280. | | | 20 29 MAY 72 |
| 29 MAY 72 800 | | 6. | | 274. | | | 280. | | | 80 29 MAY 72 |
| 29 MAY 72 1400 | | 6. | | 274. | | | 281. | | | 140 29 MAY 72 |
| 29 MAY 72 2000 | | 6. | | 274. | | | 281. | | | 200 29 MAY 72 |
| 30 MAY 72 200 | | 6. | | 275. | | | 281. | | | 20 30 MAY 72 |
| 30 MAY 72 800 | | 6. | | 275. | | | 282. | | | 80 30 MAY 72 |
| 30 MAY 72 1400 | | 6. | | 275. | | | 282. | | | 140 30 MAY 72 |
| 30 MAY 72 2000 | | 6. | | 275. | | | 282. | | | 200 30 MAY 72 |
| 31 MAY 72 200 | | 6. | | 276. | | | 282. | | | 20 31 MAY 72 |
| 31 MAY 72 800 | | 6. | | 276. | | | 283. | | | 80 31 MAY 72 |
| 31 MAY 72 1400 | | 6. | | 276. | | | 283. | | | 140 31 MAY 72 |
| 31 MAY 72 2000 | | 6. | | 277. | | | 283. | | | 200 31 MAY 72 |

FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 1.0 SUSITNA GLACIER FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 72 200 | | 6. | | 277. | | | 284. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | | 6. | | 277. | | | 284. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | | 6. | | 277. | | | 284. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | | 6. | | 278. | | | 284. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | | 6. | | 278. | | | 285. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | | 6. | | 278. | | | 285. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | | 6. | | 279. | | | 285. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | | 6. | | 279. | | | 286. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | | 6. | | 279. | | | 286. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | | 6. | | 279. | | | 286. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | | 6. | | 279. | | | 286. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | | 6. | | 280. | | | 286. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | | 6. | | 280. | | | 287. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | | 6. | | 282. | | | 288. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | | 7. | | 286. | | | 293. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | | 7. | | 295. | | | 303. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | | 8. | | 315. | | | 324. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | | 11. | | 352. | | | 364. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | | 17. | | 418. | | | 435. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | | 27. | | 533. | | | 560. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | | 45. | | 733. | | | 779. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | | 76. | | 1,070. | | | 1,140. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | | 125. | | 1,600. | | | 1,730. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | | 199. | | 2,460. | | | 2,660. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | | 305. | | 3,820. | | | 4,130. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | | 450. | | 5,890. | | | 6,340. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | | 641. | | 8,900. | | | 9,540. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | | 882. | | 12,900. | | | 13,800. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | | 1,180. | | 17,800. | | | 19,000. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | | 1,520. | | 23,100. | | | 24,600. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | | 1,900. | | 28,200. | | | 30,100. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | | 2,320. | | 33,000. | | | 35,300. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | | 2,760. | | 37,400. | | | 40,200. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | | 3,210. | | 41,600. | | | 44,800. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | | 3,660. | | 45,400. | | | 49,100. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | | 4,110. | | 49,000. | | | 53,100. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | | 4,560. | | 52,200. | | | 56,800. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | | 4,990. | | 55,000. | | | 60,000. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | | 5,420. | | 57,400. | | | 62,900. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | | 5,850. | | 59,400. | | | 65,200. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | | 6,270. | | 60,700. | | | 67,000. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | | 6,680. | | 61,300. | | | 68,000. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | | 7,070. | | 61,100. | | | 68,200. | | | 140 11 JUN 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 7,450. | | | 60,600. | | | 68,100. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 7,830. | | | 60,400. | | | 68,200. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 8,190. | | | 60,200. | | | 68,400. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 8,540. | | | 59,300. | | | 67,800. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 8,870. | | | 57,500. | | | 66,400. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 9,180. | | | 55,600. | | | 64,800. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 9,460. | | | 54,000. | | | 63,400. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 9,710. | | | 52,200. | | | 61,900. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 9,940. | | | 50,600. | | | 60,600. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 10,200. | | | 50,000. | | | 60,100. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 10,400. | | | 50,100. | | | 60,400. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 10,600. | | | 49,900. | | | 60,500. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 10,700. | | | 49,500. | | | 60,200. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 10,900. | | | 49,700. | | | 60,700. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 11,100. | | | 51,000. | | | 62,100. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 11,400. | | | 52,500. | | | 63,900. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 11,600. | | | 54,300. | | | 65,900. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 11,900. | | | 57,600. | | | 69,500. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 12,300. | | | 61,900. | | | 74,200. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 12,800. | | | 64,500. | | | 77,300. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 13,300. | | | 63,300. | | | 76,600. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 13,700. | | | 59,400. | | | 73,000. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 14,000. | | | 54,700. | | | 68,700. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 14,200. | | | 50,600. | | | 64,800. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 14,400. | | | 46,900. | | | 61,300. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 14,400. | | | 43,400. | | | 57,900. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 14,300. | | | 40,100. | | | 54,400. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 14,200. | | | 36,900. | | | 51,000. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 13,900. | | | 33,900. | | | 47,800. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 13,500. | | | 31,500. | | | 44,900. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 13,000. | | | 29,700. | | | 42,700. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 12,500. | | | 28,900. | | | 41,400. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 12,000. | | | 29,100. | | | 41,000. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 11,400. | | | 30,100. | | | 41,500. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 10,900. | | | 31,600. | | | 42,500. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 10,400. | | | 33,300. | | | 43,800. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 10,000. | | | 34,800. | | | 44,800. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 9,620. | | | 36,000. | | | 45,600. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 9,300. | | | 37,000. | | | 46,300. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 9,040. | | | 38,000. | | | 47,000. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 8,840. | | | 39,000. | | | 47,800. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 8,700. | | | 39,800. | | | 48,500. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 8,620. | | | 40,400. | | | 49,000. | | | 80 22 JUN 72 |



FORM 1611-5
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 1.0 SUSITNA GLACIER | | | STATION 2.0 SUSITNA NON-GLACIER ABV USGS GAGE | | | STATION 3.0 SUSITNA RIVER NEAR DENALI CALCULATED | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 8,590. | | | 40,900. | | | 49,500. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 8,600. | | | 41,300. | | | 49,900. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 8,650. | | | 41,500. | | | 50,100. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 8,740. | | | 41,400. | | | 50,100. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 8,850. | | | 41,000. | | | 49,800. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 8,970. | | | 40,400. | | | 49,400. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 9,100. | | | 39,600. | | | 48,700. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 9,230. | | | 38,400. | | | 47,600. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 9,350. | | | 36,700. | | | 46,000. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 9,440. | | | 34,700. | | | 44,100. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 9,500. | | | 32,600. | | | 42,100. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 9,530. | | | 30,700. | | | 40,200. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 9,520. | | | 28,800. | | | 38,300. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 9,470. | | | 27,000. | | | 36,500. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 9,400. | | | 25,500. | | | 34,900. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 9,290. | | | 24,200. | | | 33,500. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 9,160. | | | 23,100. | | | 32,200. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 9,000. | | | 22,100. | | | 31,100. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 8,830. | | | 21,300. | | | 30,200. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 8,640. | | | 20,600. | | | 29,300. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 8,450. | | | 20,000. | | | 28,400. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 8,250. | | | 19,400. | | | 27,600. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 8,050. | | | 18,800. | | | 26,900. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 7,850. | | | 18,300. | | | 26,200. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 7,660. | | | 18,000. | | | 25,600. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 7,470. | | | 17,600. | | | 25,100. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 7,290. | | | 17,300. | | | 24,600. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 7,120. | | | 17,000. | | | 24,200. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 6,960. | | | 16,700. | | | 23,700. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 6,800. | | | 16,300. | | | 23,100. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 6,660. | | | 16,000. | | | 22,600. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 6,520. | | | 15,600. | | | 22,100. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 6,390. | | | 15,200. | | | 21,600. | | | 140 30 JUN 72 |

FORM 1413-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | | | | DENALI DAMSITE 1260 SQ MI | | | |
| | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 220. | | | 85. | | | 305. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 220. | | | 85. | | | 305. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 219. | | | 85. | | | 305. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 217. | | | 88. | | | 305. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 213. | | | 92. | | | 305. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 207. | | | 97. | | | 304. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 199. | | | 102. | | | 301. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 192. | | | 105. | | | 297. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 185. | | | 108. | | | 293. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 179. | | | 109. | | | 288. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 174. | | | 110. | | | 284. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 171. | | | 110. | | | 281. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 168. | | | 111. | | | 279. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 167. | | | 111. | | | 278. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 167. | | | 110. | | | 278. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 168. | | | 110. | | | 278. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 170. | | | 110. | | | 280. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 173. | | | 110. | | | 283. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 177. | | | 109. | | | 286. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 181. | | | 109. | | | 290. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 185. | | | 109. | | | 294. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 190. | | | 109. | | | 299. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 195. | | | 108. | | | 303. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 200. | | | 108. | | | 308. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 205. | | | 108. | | | 313. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 210. | | | 108. | | | 318. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 215. | | | 107. | | | 322. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 220. | | | 107. | | | 327. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 224. | | | 107. | | | 331. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 228. | | | 107. | | | 335. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 232. | | | 106. | | | 339. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 236. | | | 106. | | | 342. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 240. | | | 106. | | | 346. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 243. | | | 105. | | | 349. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 246. | | | 105. | | | 351. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 249. | | | 105. | | | 354. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 252. | | | 105. | | | 356. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 254. | | | 104. | | | 358. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 256. | | | 104. | | | 360. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 258. | | | 104. | | | 362. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 260. | | | 104. | | | 364. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 262. | | | 103. | | | 365. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 263. | | | 103. | | | 366. | | | 20 12 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | 264. | | | 103. | | | 367. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 265. | | | 102. | | | 368. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 266. | | | 102. | | | 369. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 267. | | | 102. | | | 369. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 268. | | | 102. | | | 370. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 269. | | | 101. | | | 370. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 269. | | | 101. | | | 370. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 270. | | | 101. | | | 371. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 270. | | | 100. | | | 371. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 271. | | | 100. | | | 371. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 271. | | | 99. | | | 371. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 271. | | | 99. | | | 371. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 272. | | | 99. | | | 371. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 272. | | | 98. | | | 370. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 272. | | | 98. | | | 370. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 272. | | | 98. | | | 370. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 272. | | | 97. | | | 370. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 272. | | | 97. | | | 370. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 272. | | | 97. | | | 369. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 272. | | | 96. | | | 369. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 272. | | | 96. | | | 369. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 272. | | | 96. | | | 368. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 272. | | | 95. | | | 368. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 272. | | | 95. | | | 368. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 272. | | | 95. | | | 367. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 272. | | | 94. | | | 367. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 272. | | | 94. | | | 367. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 272. | | | 94. | | | 366. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 272. | | | 93. | | | 366. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 272. | | | 93. | | | 366. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 272. | | | 92. | | | 365. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 273. | | | 92. | | | 365. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 273. | | | 92. | | | 365. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 273. | | | 91. | | | 364. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 273. | | | 91. | | | 364. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 273. | | | 91. | | | 364. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 273. | | | 90. | | | 364. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 273. | | | 90. | | | 363. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 273. | | | 90. | | | 363. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 273. | | | 89. | | | 363. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 273. | | | 89. | | | 362. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 273. | | | 88. | | | 362. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | 273. | | | 88. | | | 362. | | | 200 22 MAY 72 |

FORM 1413

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

STATION 5.5 STATION 8.0 STATION 10.0
30-100 ROUT DENALI GAGE TO DENALI DAMSITE DENALI DAMSITE 1260 SQ MI
LOCAL ABOVE DENALI DAMSITE 312 SQ MI

| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 23 MAY 72 200 | | 274. | | | 88. | | | 362. | | 20 23 MAY 72 |
| 23 MAY 72 800 | | 274. | | | 87. | | | 362. | | 80 23 MAY 72 |
| 23 MAY 72 1400 | | 274. | | | 87. | | | 361. | | 140 23 MAY 72 |
| 23 MAY 72 2000 | | 274. | | | 87. | | | 361. | | 200 23 MAY 72 |
| 24 MAY 72 200 | | 274. | | | 86. | | | 361. | | 20 24 MAY 72 |
| 24 MAY 72 800 | | 275. | | | 86. | | | 361. | | 80 24 MAY 72 |
| 24 MAY 72 1400 | | 275. | | | 85. | | | 361. | | 140 24 MAY 72 |
| 24 MAY 72 2000 | | 275. | | | 85. | | | 360. | | 200 24 MAY 72 |
| 25 MAY 72 200 | | 275. | | | 85. | | | 360. | | 20 25 MAY 72 |
| 25 MAY 72 800 | | 275. | | | 84. | | | 360. | | 80 25 MAY 72 |
| 25 MAY 72 1400 | | 276. | | | 84. | | | 360. | | 140 25 MAY 72 |
| 25 MAY 72 2000 | | 276. | | | 83. | | | 360. | | 200 25 MAY 72 |
| 26 MAY 72 200 | | 276. | | | 83. | | | 360. | | 20 26 MAY 72 |
| 26 MAY 72 800 | | 276. | | | 83. | | | 360. | | 80 26 MAY 72 |
| 26 MAY 72 1400 | | 277. | | | 82. | | | 359. | | 140 26 MAY 72 |
| 26 MAY 72 2000 | | 277. | | | 82. | | | 359. | | 200 26 MAY 72 |
| 27 MAY 72 200 | | 277. | | | 82. | | | 359. | | 20 27 MAY 72 |
| 27 MAY 72 800 | | 278. | | | 81. | | | 359. | | 80 27 MAY 72 |
| 27 MAY 72 1400 | | 278. | | | 81. | | | 359. | | 140 27 MAY 72 |
| 27 MAY 72 2000 | | 278. | | | 81. | | | 359. | | 200 27 MAY 72 |
| 28 MAY 72 200 | | 278. | | | 80. | | | 359. | | 20 28 MAY 72 |
| 28 MAY 72 800 | | 279. | | | 80. | | | 359. | | 80 28 MAY 72 |
| 28 MAY 72 1400 | | 279. | | | 80. | | | 359. | | 140 28 MAY 72 |
| 28 MAY 72 2000 | | 279. | | | 79. | | | 359. | | 200 28 MAY 72 |
| 29 MAY 72 200 | | 280. | | | 79. | | | 359. | | 20 29 MAY 72 |
| 29 MAY 72 800 | | 280. | | | 79. | | | 359. | | 80 29 MAY 72 |
| 29 MAY 72 1400 | | 280. | | | 78. | | | 359. | | 140 29 MAY 72 |
| 29 MAY 72 2000 | | 281. | | | 78. | | | 359. | | 200 29 MAY 72 |
| 30 MAY 72 200 | | 281. | | | 78. | | | 359. | | 20 30 MAY 72 |
| 30 MAY 72 800 | | 281. | | | 77. | | | 359. | | 80 30 MAY 72 |
| 30 MAY 72 1400 | | 281. | | | 77. | | | 359. | | 140 30 MAY 72 |
| 30 MAY 72 2000 | | 282. | | | 77. | | | 359. | | 200 30 MAY 72 |
| 31 MAY 72 200 | | 282. | | | 76. | | | 359. | | 20 31 MAY 72 |
| 31 MAY 72 800 | | 282. | | | 76. | | | 359. | | 80 31 MAY 72 |
| 31 MAY 72 1400 | | 283. | | | 76. | | | 359. | | 140 31 MAY 72 |
| 31 MAY 72 2000 | | 283. | | | 75. | | | 359. | | 200 31 MAY 72 |

FORM 1611-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | | | | DENALI DAMSITE 1260 SQ MI | | | |
| | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 283. | | | 75. | | | 359. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 284. | | | 75. | | | 359. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 284. | | | 74. | | | 359. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 284. | | | 74. | | | 359. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 284. | | | 74. | | | 359. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 285. | | | 73. | | | 359. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 285. | | | 73. | | | 359. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 285. | | | 73. | | | 358. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 285. | | | 72. | | | 358. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 286. | | | 72. | | | 358. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 286. | | | 72. | | | 358. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 286. | | | 72. | | | 358. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 286. | | | 72. | | | 359. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 287. | | | 73. | | | 361. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 289. | | | 77. | | | 367. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 293. | | | 87. | | | 381. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 304. | | | 104. | | | 408. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 325. | | | 132. | | | 457. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 365. | | | 176. | | | 541. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 459. | | | 242. | | | 681. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 573. | | | 334. | | | 907. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 809. | | | 453. | | | 1,260. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 1,240. | | | 605. | | | 1,850. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 1,920. | | | 799. | | | 2,720. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 3,040. | | | 1,050. | | | 4,090. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 4,810. | | | 1,390. | | | 6,200. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 7,490. | | | 1,800. | | | 9,290. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 11,300. | | | 2,320. | | | 13,600. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 16,100. | | | 2,890. | | | 19,000. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 21,600. | | | 3,480. | | | 25,100. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 27,000. | | | 4,050. | | | 31,000. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 32,500. | | | 4,580. | | | 37,000. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 37,600. | | | 5,050. | | | 42,600. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 42,300. | | | 5,490. | | | 47,800. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 46,800. | | | 5,890. | | | 52,700. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 51,000. | | | 6,250. | | | 57,200. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 54,800. | | | 6,620. | | | 61,500. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 58,300. | | | 7,110. | | | 65,400. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 61,400. | | | 7,610. | | | 69,000. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 64,000. | | | 8,080. | | | 72,100. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 66,100. | | | 8,470. | | | 74,600. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 67,500. | | | 8,710. | | | 76,200. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 68,100. | | | 8,970. | | | 77,100. | | | 140 11 JUN 72 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | DENALI DAMSITE 1260 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 68,200. | | | 9,670. | | | 77,800. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 68,200. | | | 10,700. | | | 78,800. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 68,300. | | | 10,500. | | | 78,800. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 68,100. | | | 10,100. | | | 78,200. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 67,100. | | | 10,400. | | | 77,500. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 65,600. | | | 11,300. | | | 76,900. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 64,100. | | | 11,100. | | | 75,300. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 62,700. | | | 10,900. | | | 73,600. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 61,300. | | | 12,000. | | | 73,300. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 60,400. | | | 14,200. | | | 74,600. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 60,300. | | | 13,700. | | | 74,000. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 60,400. | | | 12,900. | | | 73,400. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 60,300. | | | 14,400. | | | 74,700. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 60,400. | | | 17,900. | | | 78,400. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 61,400. | | | 18,300. | | | 79,700. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 63,000. | | | 17,900. | | | 80,900. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 64,900. | | | 20,900. | | | 85,800. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 67,700. | | | 27,100. | | | 94,800. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 71,800. | | | 25,600. | | | 97,400. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 75,700. | | | 19,400. | | | 95,100. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 76,900. | | | 15,100. | | | 92,000. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 74,800. | | | 14,100. | | | 89,000. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 70,900. | | | 15,100. | | | 86,000. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 66,800. | | | 14,100. | | | 80,900. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 63,100. | | | 12,500. | | | 75,600. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 59,600. | | | 11,500. | | | 71,100. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 56,200. | | | 10,400. | | | 66,600. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 52,800. | | | 9,510. | | | 62,300. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 49,500. | | | 8,900. | | | 58,400. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 46,400. | | | 8,560. | | | 55,000. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 43,900. | | | 8,790. | | | 52,700. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 42,100. | | | 9,420. | | | 51,500. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 41,200. | | | 10,300. | | | 51,500. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 41,300. | | | 11,200. | | | 52,400. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 42,000. | | | 11,800. | | | 53,800. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 43,100. | | | 12,100. | | | 55,200. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 44,300. | | | 12,200. | | | 56,400. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 45,200. | | | 12,400. | | | 57,600. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 45,900. | | | 13,200. | | | 59,100. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 46,700. | | | 13,700. | | | 60,400. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 47,400. | | | 13,900. | | | 61,300. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 48,100. | | | 13,900. | | | 62,100. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 48,700. | | | 14,200. | | | 63,000. | | | 80 22 JUN 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 5.5 | | | STATION 8.0 | | | STATION 10.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30-100 ROUT DENALI GAGE TO DENALI DAMSITE | | | | | | DENALI DAMSITE 1260 SQ MI | | | |
| | | | | LOCAL ABOVE DENALI DAMSITE 312 SQ MI | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 49,300. | | | 14,400. | | | 63,600. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 49,700. | | | 14,200. | | | 63,900. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 50,000. | | | 13,900. | | | 63,900. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 50,100. | | | 13,400. | | | 63,500. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 50,000. | | | 12,900. | | | 62,900. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 49,600. | | | 12,500. | | | 62,100. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 49,000. | | | 11,800. | | | 60,900. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 48,200. | | | 10,500. | | | 58,700. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 46,900. | | | 9,510. | | | 56,400. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 45,100. | | | 9,030. | | | 54,100. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 43,200. | | | 8,640. | | | 51,800. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 41,200. | | | 8,020. | | | 49,200. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 39,300. | | | 7,580. | | | 46,900. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 37,500. | | | 7,380. | | | 44,800. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 35,800. | | | 7,220. | | | 43,000. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 34,200. | | | 7,000. | | | 41,200. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 32,900. | | | 6,830. | | | 39,700. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 31,700. | | | 6,730. | | | 38,500. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 30,700. | | | 6,630. | | | 37,300. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 29,700. | | | 6,430. | | | 36,200. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 28,700. | | | 6,280. | | | 35,200. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 28,000. | | | 6,200. | | | 34,200. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 27,300. | | | 6,140. | | | 33,400. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 26,600. | | | 6,100. | | | 32,700. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 25,900. | | | 6,050. | | | 32,000. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 25,400. | | | 6,010. | | | 31,400. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 24,900. | | | 5,920. | | | 30,800. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 24,400. | | | 5,740. | | | 30,200. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 23,900. | | | 5,610. | | | 29,500. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 23,400. | | | 5,530. | | | 29,000. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 22,900. | | | 5,450. | | | 28,400. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 22,400. | | | 5,280. | | | 27,700. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 21,900. | | | 5,150. | | | 27,000. | | | 140 30 JUN 72 |



FORM 1211-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUSKMAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 305. | | | 125. | | | 30. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 305. | | | 125. | | | 29. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 305. | | | 126. | | | 26. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 305. | | | 131. | | | 22. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 305. | | | 139. | | | 18. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 305. | | | 148. | | | 15. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 305. | | | 155. | | | 13. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 303. | | | 161. | | | 11. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 300. | | | 165. | | | 10. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 296. | | | 168. | | | 8. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 292. | | | 169. | | | 7. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 288. | | | 170. | | | 7. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 284. | | | 170. | | | 6. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 281. | | | 170. | | | 5. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 279. | | | 170. | | | 5. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 278. | | | 170. | | | 5. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 278. | | | 169. | | | 4. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 279. | | | 169. | | | 4. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 281. | | | 169. | | | 4. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 284. | | | 168. | | | 4. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 287. | | | 168. | | | 3. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 291. | | | 168. | | | 3. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 295. | | | 167. | | | 3. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 300. | | | 167. | | | 3. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 304. | | | 166. | | | 3. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 309. | | | 166. | | | 3. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 314. | | | 166. | | | 3. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 319. | | | 165. | | | 3. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 323. | | | 165. | | | 3. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 328. | | | 165. | | | 3. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 332. | | | 164. | | | 3. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 336. | | | 164. | | | 3. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 340. | | | 163. | | | 3. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 343. | | | 163. | | | 3. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 346. | | | 163. | | | 3. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 349. | | | 162. | | | 3. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 352. | | | 162. | | | 3. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 355. | | | 162. | | | 3. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 357. | | | 161. | | | 3. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 359. | | | 161. | | | 3. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 361. | | | 161. | | | 3. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 362. | | | 160. | | | 3. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 364. | | | 160. | | | 3. | | | 20 12 MAY 72 |

FORM 1413

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUSRMAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | 365. | | | 159. | | | 3. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 366. | | | 159. | | | 3. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 367. | | | 159. | | | 3. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 368. | | | 158. | | | 3. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 369. | | | 158. | | | 3. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 369. | | | 158. | | | 3. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 370. | | | 157. | | | 3. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 370. | | | 157. | | | 3. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 370. | | | 156. | | | 3. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 371. | | | 156. | | | 3. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 371. | | | 156. | | | 3. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 371. | | | 155. | | | 3. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 371. | | | 155. | | | 3. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 371. | | | 155. | | | 3. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 371. | | | 154. | | | 3. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 370. | | | 154. | | | 3. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 370. | | | 153. | | | 3. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 370. | | | 153. | | | 3. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 370. | | | 152. | | | 3. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 370. | | | 152. | | | 3. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 369. | | | 152. | | | 3. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 369. | | | 151. | | | 3. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 369. | | | 151. | | | 3. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 368. | | | 150. | | | 3. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 368. | | | 150. | | | 3. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 368. | | | 150. | | | 3. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 367. | | | 149. | | | 3. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 367. | | | 149. | | | 3. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 367. | | | 148. | | | 3. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 366. | | | 148. | | | 3. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 366. | | | 147. | | | 3. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 366. | | | 147. | | | 3. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 365. | | | 146. | | | 3. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 365. | | | 146. | | | 3. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 365. | | | 146. | | | 3. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 364. | | | 145. | | | 3. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 364. | | | 145. | | | 3. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 364. | | | 144. | | | 3. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 363. | | | 144. | | | 3. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 363. | | | 143. | | | 3. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 363. | | | 143. | | | 3. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 363. | | | 142. | | | 3. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | 362. | | | 142. | | | 3. | | | 200 22 MAY 72 |

FORM 1611-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | | 362. | | | 141. | | | 3. | | 20 23 MAY 72 |
| 23 MAY 72 800 | | 362. | | | 141. | | | 3. | | 80 23 MAY 72 |
| 23 MAY 72 1400 | | 362. | | | 140. | | | 3. | | 140 23 MAY 72 |
| 23 MAY 72 2000 | | 361. | | | 140. | | | 3. | | 200 23 MAY 72 |
| 24 MAY 72 200 | | 361. | | | 139. | | | 3. | | 20 24 MAY 72 |
| 24 MAY 72 800 | | 361. | | | 139. | | | 3. | | 80 24 MAY 72 |
| 24 MAY 72 1400 | | 361. | | | 138. | | | 3. | | 140 24 MAY 72 |
| 24 MAY 72 2000 | | 361. | | | 138. | | | 3. | | 200 24 MAY 72 |
| 25 MAY 72 200 | | 360. | | | 137. | | | 3. | | 20 25 MAY 72 |
| 25 MAY 72 800 | | 360. | | | 137. | | | 3. | | 80 25 MAY 72 |
| 25 MAY 72 1400 | | 360. | | | 136. | | | 3. | | 140 25 MAY 72 |
| 25 MAY 72 2000 | | 360. | | | 136. | | | 3. | | 200 25 MAY 72 |
| 26 MAY 72 200 | | 360. | | | 135. | | | 3. | | 20 26 MAY 72 |
| 26 MAY 72 800 | | 360. | | | 135. | | | 3. | | 80 26 MAY 72 |
| 26 MAY 72 1400 | | 360. | | | 134. | | | 3. | | 140 26 MAY 72 |
| 26 MAY 72 2000 | | 360. | | | 134. | | | 3. | | 200 26 MAY 72 |
| 27 MAY 72 200 | | 359. | | | 133. | | | 3. | | 20 27 MAY 72 |
| 27 MAY 72 800 | | 359. | | | 133. | | | 3. | | 80 27 MAY 72 |
| 27 MAY 72 1400 | | 359. | | | 132. | | | 3. | | 140 27 MAY 72 |
| 27 MAY 72 2000 | | 359. | | | 132. | | | 3. | | 200 27 MAY 72 |
| 28 MAY 72 200 | | 359. | | | 131. | | | 3. | | 20 28 MAY 72 |
| 28 MAY 72 800 | | 359. | | | 131. | | | 3. | | 80 28 MAY 72 |
| 28 MAY 72 1400 | | 359. | | | 131. | | | 3. | | 140 28 MAY 72 |
| 28 MAY 72 2000 | | 359. | | | 130. | | | 3. | | 200 28 MAY 72 |
| 29 MAY 72 200 | | 359. | | | 130. | | | 3. | | 20 29 MAY 72 |
| 29 MAY 72 800 | | 359. | | | 129. | | | 3. | | 80 29 MAY 72 |
| 29 MAY 72 1400 | | 359. | | | 129. | | | 3. | | 140 29 MAY 72 |
| 29 MAY 72 2000 | | 359. | | | 128. | | | 3. | | 200 29 MAY 72 |
| 30 MAY 72 200 | | 359. | | | 128. | | | 3. | | 20 30 MAY 72 |
| 30 MAY 72 800 | | 359. | | | 127. | | | 3. | | 80 30 MAY 72 |
| 30 MAY 72 1400 | | 359. | | | 127. | | | 3. | | 140 30 MAY 72 |
| 30 MAY 72 2000 | | 359. | | | 127. | | | 3. | | 200 30 MAY 72 |
| 31 MAY 72 200 | | 359. | | | 126. | | | 3. | | 20 31 MAY 72 |
| 31 MAY 72 800 | | 359. | | | 126. | | | 3. | | 80 31 MAY 72 |
| 31 MAY 72 1400 | | 359. | | | 125. | | | 3. | | 140 31 MAY 72 |
| 31 MAY 72 2000 | | 359. | | | 125. | | | 3. | | 200 31 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 359. | | | 124. | | | 3. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 359. | | | 124. | | | 3. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 359. | | | 123. | | | 3. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 359. | | | 123. | | | 3. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 359. | | | 122. | | | 3. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 359. | | | 122. | | | 3. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 359. | | | 121. | | | 3. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 359. | | | 121. | | | 3. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 359. | | | 121. | | | 3. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 358. | | | 120. | | | 3. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 358. | | | 120. | | | 3. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 358. | | | 119. | | | 3. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 358. | | | 119. | | | 3. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 359. | | | 122. | | | 3. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 360. | | | 128. | | | 3. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 364. | | | 142. | | | 4. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 374. | | | 167. | | | 5. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 395. | | | 211. | | | 8. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 433. | | | 280. | | | 14. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 502. | | | 382. | | | 25. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 620. | | | 525. | | | 47. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 833. | | | 709. | | | 82. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 1,170. | | | 946. | | | 136. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 1,740. | | | 1,250. | | | 208. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 2,650. | | | 1,650. | | | 302. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 4,120. | | | 2,160. | | | 418. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 6,420. | | | 2,820. | | | 557. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 9,830. | | | 3,610. | | | 716. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 14,500. | | | 4,510. | | | 891. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 20,300. | | | 5,420. | | | 1,070. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 26,700. | | | 6,300. | | | 1,260. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 32,900. | | | 7,100. | | | 1,440. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 38,800. | | | 7,810. | | | 1,610. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 44,400. | | | 8,450. | | | 1,760. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 49,600. | | | 9,010. | | | 1,910. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 54,400. | | | 9,510. | | | 2,040. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 58,900. | | | 9,990. | | | 2,150. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 63,100. | | | 10,500. | | | 2,260. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 66,900. | | | 11,100. | | | 2,360. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 70,300. | | | 11,600. | | | 2,450. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 73,100. | | | 12,100. | | | 2,530. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 75,200. | | | 12,300. | | | 2,610. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 76,500. | | | 12,600. | | | 2,670. | | | 140 11 JUN 72 |

FORM 1613

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | | | STATION 18.0 | | | STATION 21.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUSRMAC CONF | | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | | MACLAREN GLACIER | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 77,400. | | | 13,300. | | | 2,730. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 78,300. | | | 14,100. | | | 2,790. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 78,800. | | | 13,900. | | | 2,840. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 78,500. | | | 13,500. | | | 2,880. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 77,900. | | | 13,600. | | | 2,910. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 77,300. | | | 14,200. | | | 2,930. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 76,200. | | | 14,100. | | | 2,950. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 74,500. | | | 14,000. | | | 2,950. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 73,500. | | | 14,800. | | | 2,950. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 73,900. | | | 16,500. | | | 2,960. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 74,300. | | | 16,300. | | | 2,970. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 73,700. | | | 15,900. | | | 2,980. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 74,000. | | | 17,100. | | | 2,990. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 76,400. | | | 20,000. | | | 3,010. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 78,900. | | | 20,600. | | | 3,050. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 80,200. | | | 20,700. | | | 3,090. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 83,100. | | | 23,500. | | | 3,150. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 89,900. | | | 28,900. | | | 3,240. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 95,800. | | | 27,700. | | | 3,360. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 96,300. | | | 22,300. | | | 3,460. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 93,700. | | | 18,500. | | | 3,520. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 90,600. | | | 17,600. | | | 3,540. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 87,600. | | | 18,300. | | | 3,540. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 83,600. | | | 17,400. | | | 3,520. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 78,500. | | | 16,000. | | | 3,460. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 73,700. | | | 15,000. | | | 3,390. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 69,100. | | | 14,000. | | | 3,290. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 64,800. | | | 13,200. | | | 3,180. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 60,700. | | | 12,600. | | | 3,050. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 57,000. | | | 12,500. | | | 2,920. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 54,100. | | | 13,200. | | | 2,790. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 52,300. | | | 14,400. | | | 2,670. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 51,600. | | | 15,800. | | | 2,570. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 51,900. | | | 17,200. | | | 2,500. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 53,000. | | | 18,100. | | | 2,450. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 54,400. | | | 18,500. | | | 2,430. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 55,700. | | | 18,500. | | | 2,420. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 56,900. | | | 18,700. | | | 2,430. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 58,200. | | | 19,700. | | | 2,460. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 59,600. | | | 20,300. | | | 2,510. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 60,700. | | | 20,200. | | | 2,560. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 61,600. | | | 19,900. | | | 2,630. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 62,400. | | | 20,000. | | | 2,700. | | | 80 22 JUN 72 |



FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 12.5 | STATION 18.0 | STATION 21.0 | |
|---|---|---|---|---|
| | 100-300 ROUT DENALI DAMSITE TO SUS&MAC CONF | | MACLAREN GLACIER | |
| | | SUSITNA LOCAL ABOVE MACLAREN CONFLUENCE 477 | | |
| DATE-HOUR | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 65,200. | 19,700. | 2,780. | 140 22 JUN 72 |
| 22 JUN 72 2000 | 63,700. | 19,200. | 2,860. | 200 22 JUN 72 |
| 23 JUN 72 200 | 63,900. | 18,500. | 2,950. | 20 23 JUN 72 |
| 23 JUN 72 800 | 63,700. | 17,600. | 3,030. | 80 23 JUN 72 |
| 23 JUN 72 1400 | 63,200. | 16,900. | 3,100. | 140 23 JUN 72 |
| 23 JUN 72 2000 | 62,600. | 16,400. | 3,170. | 200 23 JUN 72 |
| 24 JUN 72 200 | 61,600. | 15,600. | 3,220. | 20 24 JUN 72 |
| 24 JUN 72 800 | 59,900. | 13,900. | 3,260. | 80 24 JUN 72 |
| 24 JUN 72 1400 | 57,700. | 12,600. | 3,290. | 140 24 JUN 72 |
| 24 JUN 72 2000 | 55,500. | 12,100. | 3,290. | 200 24 JUN 72 |
| 25 JUN 72 200 | 53,200. | 11,600. | 3,280. | 20 25 JUN 72 |
| 25 JUN 72 800 | 50,800. | 10,800. | 3,250. | 80 25 JUN 72 |
| 25 JUN 72 1400 | 48,400. | 10,100. | 3,200. | 140 25 JUN 72 |
| 25 JUN 72 2000 | 46,100. | 9,850. | 3,150. | 200 25 JUN 72 |
| 26 JUN 72 200 | 44,200. | 9,620. | 3,090. | 20 26 JUN 72 |
| 26 JUN 72 800 | 42,300. | 9,290. | 3,020. | 80 26 JUN 72 |
| 26 JUN 72 1400 | 40,700. | 9,040. | 2,950. | 140 26 JUN 72 |
| 26 JUN 72 2000 | 39,300. | 8,890. | 2,870. | 200 26 JUN 72 |
| 27 JUN 72 200 | 38,100. | 8,720. | 2,800. | 20 27 JUN 72 |
| 27 JUN 72 800 | 36,900. | 8,420. | 2,730. | 80 27 JUN 72 |
| 27 JUN 72 1400 | 35,800. | 8,200. | 2,660. | 140 27 JUN 72 |
| 27 JUN 72 2000 | 34,900. | 8,060. | 2,590. | 200 27 JUN 72 |
| 28 JUN 72 200 | 34,000. | 7,970. | 2,530. | 20 28 JUN 72 |
| 28 JUN 72 800 | 33,200. | 7,890. | 2,470. | 80 28 JUN 72 |
| 28 JUN 72 1400 | 32,400. | 7,810. | 2,420. | 140 28 JUN 72 |
| 28 JUN 72 2000 | 31,800. | 7,730. | 2,370. | 200 28 JUN 72 |
| 29 JUN 72 200 | 31,200. | 7,600. | 2,320. | 20 29 JUN 72 |
| 29 JUN 72 800 | 30,600. | 7,350. | 2,280. | 80 29 JUN 72 |
| 29 JUN 72 1400 | 30,000. | 7,150. | 2,240. | 140 29 JUN 72 |
| 29 JUN 72 2000 | 29,400. | 7,040. | 2,200. | 200 29 JUN 72 |
| 30 JUN 72 200 | 28,800. | 6,910. | 2,170. | 20 30 JUN 72 |
| 30 JUN 72 800 | 28,100. | 6,680. | 2,130. | 80 30 JUN 72 |
| 30 JUN 72 1400 | 27,500. | 6,500. | 2,100. | 140 30 JUN 72 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | |
| 1 MAY 72 1400 | | 80. | | 110. | | | 110. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | | 79. | | 109. | | | 110. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | | 78. | | 104. | | | 110. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | | 75. | | 97. | | | 109. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | | 73. | | 92. | | | 108. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | | 72. | | 88. | | | 106. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | | 72. | | 85. | | | 102. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | | 72. | | 84. | | | 97. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | | 73. | | 83. | | | 93. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | | 73. | | 82. | | | 89. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | | 74. | | 82. | | | 87. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | | 75. | | 82. | | | 85. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | | 76. | | 83. | | | 83. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | | 78. | | 84. | | | 83. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | | 79. | | 85. | | | 83. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | | 81. | | 86. | | | 83. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | | 83. | | 87. | | | 83. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | | 84. | | 89. | | | 84. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | | 86. | | 90. | | | 85. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | | 88. | | 92. | | | 86. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | | 89. | | 93. | | | 87. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | | 91. | | 95. | | | 89. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | | 93. | | 96. | | | 90. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | | 94. | | 98. | | | 92. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | | 96. | | 99. | | | 93. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | | 97. | | 101. | | | 95. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | | 99. | | 102. | | | 96. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | | 100. | | 104. | | | 98. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | | 102. | | 105. | | | 99. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | | 103. | | 106. | | | 101. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | | 104. | | 107. | | | 102. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | | 105. | | 108. | | | 104. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | | 105. | | 109. | | | 105. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | | 106. | | 109. | | | 106. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | | 107. | | 110. | | | 107. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | | 108. | | 111. | | | 108. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | | 108. | | 111. | | | 109. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | | 109. | | 112. | | | 109. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | | 109. | | 112. | | | 110. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | | 110. | | 113. | | | 111. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | | 110. | | 113. | | | 111. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | | 110. | | 114. | | | 112. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | | 111. | | 114. | | | 112. | | | 20 12 MAY 72 |



FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 | | | STATION 23.0 | | | STATION 25.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN NON-GLACIER ABV USGS GAGE | | | MACLAREN RIVER NEAR PAXSON CALCULATED | | | 230-300 ROUT MACLAREN GAGE TO SUSMAC CONFL | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | | 111. | | | 114. | | | 113. | | 80 12 MAY 72 |
| 12 MAY 72 1400 | | 111. | | | 114. | | | 113. | | 140 12 MAY 72 |
| 12 MAY 72 2000 | | 112. | | | 115. | | | 114. | | 200 12 MAY 72 |
| 13 MAY 72 200 | | 112. | | | 115. | | | 114. | | 20 13 MAY 72 |
| 13 MAY 72 800 | | 112. | | | 115. | | | 114. | | 80 13 MAY 72 |
| 13 MAY 72 1400 | | 112. | | | 115. | | | 114. | | 140 13 MAY 72 |
| 13 MAY 72 2000 | | 112. | | | 115. | | | 115. | | 200 13 MAY 72 |
| 14 MAY 72 200 | | 112. | | | 115. | | | 115. | | 20 14 MAY 72 |
| 14 MAY 72 800 | | 112. | | | 116. | | | 115. | | 80 14 MAY 72 |
| 14 MAY 72 1400 | | 112. | | | 116. | | | 115. | | 140 14 MAY 72 |
| 14 MAY 72 2000 | | 113. | | | 116. | | | 115. | | 200 14 MAY 72 |
| 15 MAY 72 200 | | 113. | | | 116. | | | 115. | | 20 15 MAY 72 |
| 15 MAY 72 800 | | 113. | | | 116. | | | 116. | | 80 15 MAY 72 |
| 15 MAY 72 1400 | | 113. | | | 116. | | | 116. | | 140 15 MAY 72 |
| 15 MAY 72 2000 | | 113. | | | 116. | | | 116. | | 200 15 MAY 72 |
| 16 MAY 72 200 | | 113. | | | 116. | | | 116. | | 20 16 MAY 72 |
| 16 MAY 72 800 | | 113. | | | 116. | | | 116. | | 80 16 MAY 72 |
| 16 MAY 72 1400 | | 113. | | | 116. | | | 116. | | 140 16 MAY 72 |
| 16 MAY 72 2000 | | 113. | | | 116. | | | 116. | | 200 16 MAY 72 |
| 17 MAY 72 200 | | 113. | | | 116. | | | 116. | | 20 17 MAY 72 |
| 17 MAY 72 800 | | 113 | | | 116. | | | 116. | | 80 17 MAY 72 |
| 17 MAY 72 1400 | | 113. | | | 116. | | | 116. | | 140 17 MAY 72 |
| 17 MAY 72 2000 | | 113. | | | 116. | | | 116. | | 200 17 MAY 72 |
| 18 MAY 72 200 | | 113. | | | 116. | | | 116. | | 20 18 MAY 72 |
| 18 MAY 72 800 | | 113. | | | 116. | | | 116. | | 80 18 MAY 72 |
| 18 MAY 72 1400 | | 113. | | | 116. | | | 116. | | 140 18 MAY 72 |
| 18 MAY 72 2000 | | 113. | | | 116. | | | 116. | | 200 18 MAY 72 |
| 19 MAY 72 200 | | 113. | | | 117. | | | 116. | | 20 19 MAY 72 |
| 19 MAY 72 800 | | 113. | | | 117. | | | 116. | | 80 19 MAY 72 |
| 19 MAY 72 1400 | | 113. | | | 117. | | | 116. | | 140 19 MAY 72 |
| 19 MAY 72 2000 | | 114. | | | 117. | | | 117. | | 200 19 MAY 72 |
| 20 MAY 72 200 | | 114. | | | 117. | | | 117. | | 20 20 MAY 72 |
| 20 MAY 72 800 | | 114. | | | 117. | | | 117. | | 80 20 MAY 72 |
| 20 MAY 72 1400 | | 114. | | | 117. | | | 117. | | 140 20 MAY 72 |
| 20 MAY 72 2000 | | 114. | | | 117. | | | 117. | | 200 20 MAY 72 |
| 21 MAY 72 200 | | 114. | | | 117. | | | 117. | | 20 21 MAY 72 |
| 21 MAY 72 800 | | 114. | | | 117. | | | 117. | | 80 21 MAY 72 |
| 21 MAY 72 1400 | | 114. | | | 117. | | | 117. | | 140 21 MAY 72 |
| 21 MAY 72 2000 | | 114. | | | 118. | | | 117. | | 200 21 MAY 72 |
| 22 MAY 72 200 | | 114. | | | 118. | | | 117. | | 20 22 MAY 72 |
| 22 MAY 72 800 | | 115. | | | 118. | | | 117. | | 80 22 MAY 72 |
| 22 MAY 72 1400 | | 115. | | | 118. | | | 117. | | 140 22 MAY 72 |
| 22 MAY 72 2000 | | 115. | | | 118. | | | 116. | | 200 22 MAY 72 |



FORM 1411-J
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 | | | STATION 23.0 | | | STATION 25.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN NON-GLACIER ABV USGS GAGE | | | MACLAREN RIVER NEAR PAXSON CALCULATED | | | 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | | 115. | | | 118. | | | 118. | | 20 23 MAY 72 |
| 23 MAY 72 800 | | 115. | | | 118. | | | 118. | | 80 23 MAY 72 |
| 23 MAY 72 1400 | | 115. | | | 119. | | | 118. | | 140 23 MAY 72 |
| 23 MAY 72 2000 | | 115. | | | 119. | | | 118. | | 200 23 MAY 72 |
| 24 MAY 72 200 | | 116. | | | 119. | | | 118. | | 20 24 MAY 72 |
| 24 MAY 72 800 | | 116. | | | 119. | | | 118. | | 80 24 MAY 72 |
| 24 MAY 72 1400 | | 116. | | | 119. | | | 119. | | 140 24 MAY 72 |
| 24 MAY 72 2000 | | 116. | | | 119. | | | 119. | | 200 24 MAY 72 |
| 25 MAY 72 200 | | 116. | | | 120. | | | 119. | | 20 25 MAY 72 |
| 25 MAY 72 800 | | 117. | | | 120. | | | 119. | | 80 25 MAY 72 |
| 25 MAY 72 1400 | | 117. | | | 120. | | | 119. | | 140 25 MAY 72 |
| 25 MAY 72 2000 | | 117. | | | 120. | | | 119. | | 200 25 MAY 72 |
| 26 MAY 72 200 | | 117. | | | 120. | | | 120. | | 20 26 MAY 72 |
| 26 MAY 72 800 | | 117. | | | 121. | | | 120. | | 80 26 MAY 72 |
| 26 MAY 72 1400 | | 118. | | | 121. | | | 120. | | 140 26 MAY 72 |
| 26 MAY 72 2000 | | 118. | | | 121. | | | 120. | | 200 26 MAY 72 |
| 27 MAY 72 200 | | 118. | | | 121. | | | 120. | | 20 27 MAY 72 |
| 27 MAY 72 800 | | 118. | | | 121. | | | 121. | | 80 27 MAY 72 |
| 27 MAY 72 1400 | | 118. | | | 122. | | | 121. | | 140 27 MAY 72 |
| 27 MAY 72 2000 | | 119. | | | 122. | | | 121. | | 200 27 MAY 72 |
| 28 MAY 72 200 | | 119. | | | 122. | | | 121. | | 20 28 MAY 72 |
| 28 MAY 72 800 | | 119. | | | 122. | | | 121. | | 80 28 MAY 72 |
| 28 MAY 72 1400 | | 119. | | | 122. | | | 122. | | 140 28 MAY 72 |
| 28 MAY 72 2000 | | 119. | | | 123. | | | 122. | | 200 28 MAY 72 |
| 29 MAY 72 200 | | 120. | | | 123. | | | 122. | | 20 29 MAY 72 |
| 29 MAY 72 800 | | 120. | | | 123. | | | 122. | | 80 29 MAY 72 |
| 29 MAY 72 1400 | | 120. | | | 123. | | | 122. | | 140 29 MAY 72 |
| 29 MAY 72 2000 | | 120. | | | 123. | | | 123. | | 200 29 MAY 72 |
| 30 MAY 72 200 | | 121. | | | 124. | | | 123. | | 20 30 MAY 72 |
| 30 MAY 72 800 | | 121. | | | 124. | | | 123. | | 80 30 MAY 72 |
| 30 MAY 72 1400 | | 121. | | | 124. | | | 123. | | 140 30 MAY 72 |
| 30 MAY 72 2000 | | 121. | | | 124. | | | 124. | | 200 30 MAY 72 |
| 31 MAY 72 200 | | 121. | | | 125. | | | 124. | | 20 31 MAY 72 |
| 31 MAY 72 800 | | 122. | | | 125. | | | 124. | | 80 31 MAY 72 |
| 31 MAY 72 1400 | | 122. | | | 125. | | | 124. | | 140 31 MAY 72 |
| 31 MAY 72 2000 | | 122. | | | 125. | | | 124. | | 200 31 MAY 72 |

FORM 1417-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 122. | | | 125. | | | 125. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 122. | | | 126. | | | 125. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 123. | | | 126. | | | 125. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 123. | | | 126. | | | 125. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 123. | | | 126. | | | 125. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 123. | | | 126. | | | 126. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 123. | | | 127. | | | 126. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 124. | | | 127. | | | 126. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 124. | | | 127. | | | 126. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 124. | | | 127. | | | 126. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 124. | | | 127. | | | 127. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 124. | | | 128. | | | 127. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 125. | | | 128. | | | 127. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 127. | | | 130. | | | 127. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 130. | | | 134. | | | 128. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 138. | | | 143. | | | 128. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 153. | | | 159. | | | 130. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 179. | | | 188. | | | 134. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 224. | | | 239. | | | 142. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 303. | | | 329. | | | 158. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 440. | | | 488. | | | 188. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 671. | | | 754. | | | 246. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 1,040. | | | 1,170. | | | 359. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 1,570. | | | 1,780. | | | 575. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 2,300. | | | 2,600. | | | 971. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 3,270. | | | 3,690. | | | 1,600. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 4,510. | | | 5,070. | | | 2,510. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 5,940. | | | 6,650. | | | 3,750. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 7,340. | | | 8,240. | | | 5,290. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 8,580. | | | 9,650. | | | 6,990. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 9,630. | | | 10,900. | | | 8,630. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 10,600. | | | 12,000. | | | 10,100. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 11,500. | | | 13,100. | | | 11,300. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 12,400. | | | 14,100. | | | 12,500. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 13,200. | | | 15,100. | | | 13,600. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 13,800. | | | 15,900. | | | 14,600. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 14,300. | | | 16,500. | | | 15,500. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 14,700. | | | 17,000. | | | 16,200. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 15,000. | | | 17,400. | | | 16,700. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 15,300. | | | 17,800. | | | 17,200. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 15,500. | | | 18,000. | | | 17,600. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 15,500. | | | 18,100. | | | 17,900. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 15,400. | | | 18,100. | | | 18,100. | | | 140 11 JUN 72 |

FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 15,400. | | | 18,200. | | | 18,100. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 15,700. | | | 18,400. | | | 18,200. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 15,700. | | | 18,600. | | | 18,300. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 15,300. | | | 18,200. | | | 18,400. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 14,800. | | | 17,700. | | | 18,300. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 14,500. | | | 17,500. | | | 17,900. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 14,400. | | | 17,300. | | | 17,600. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 14,000. | | | 17,000. | | | 17,400. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 13,800. | | | 16,700. | | | 17,100. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 14,000. | | | 16,900. | | | 16,900. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 14,100. | | | 17,100. | | | 16,900. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 13,800. | | | 16,800. | | | 17,000. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 13,500. | | | 16,500. | | | 16,900. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 13,800. | | | 16,800. | | | 16,700. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 14,300. | | | 17,300. | | | 16,800. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 14,500. | | | 17,600. | | | 17,100. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 14,800. | | | 17,900. | | | 17,500. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 15,900. | | | 19,100. | | | 17,900. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 16,900. | | | 20,200. | | | 18,700. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 16,600. | | | 20,000. | | | 19,600. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 15,000. | | | 18,600. | | | 19,900. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 13,600. | | | 17,100. | | | 19,000. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 12,800. | | | 16,400. | | | 17,800. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 12,500. | | | 16,000. | | | 16,800. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 12,100. | | | 15,500. | | | 16,200. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 11,400. | | | 14,800. | | | 15,700. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 10,800. | | | 14,000. | | | 15,100. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 10,100. | | | 13,300. | | | 14,400. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 9,520. | | | 12,600. | | | 13,600. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 9,090. | | | 12,000. | | | 12,900. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 8,860. | | | 11,600. | | | 12,300. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 8,830. | | | 11,500. | | | 11,900. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 8,940. | | | 11,500. | | | 11,600. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 9,140. | | | 11,600. | | | 11,500. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 9,330. | | | 11,800. | | | 11,600. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 9,450. | | | 11,900. | | | 11,700. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 9,460. | | | 11,900. | | | 11,800. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 9,430. | | | 11,900. | | | 11,900. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 9,470. | | | 11,900. | | | 11,900. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 9,600. | | | 12,100. | | | 11,900. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 9,720. | | | 12,300. | | | 12,000. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 9,790. | | | 12,400. | | | 12,200. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 9,850. | | | 12,600. | | | 12,300. | | | 80 22 JUN 72 |

FORM 1413-S

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 22.0 MACLAREN NON-GLACIER ABV USGS GAGE | | | STATION 23.0 MACLAREN RIVER NEAR PAXSON CALCULATED | | | STATION 25.5 230-300 ROUT MACLAREN GAGE TO SUS&MAC CONFL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 9,930. | | | 12,700. | | | 12,500. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 9,980. | | | 12,800. | | | 12,600. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 9,970. | | | 12,900. | | | 12,800. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 9,900. | | | 12,900. | | | 12,900. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 9,790. | | | 12,900. | | | 12,900. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 9,660. | | | 12,800. | | | 12,900. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 9,510. | | | 12,700. | | | 12,900. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 9,220. | | | 12,500. | | | 12,800. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 8,830. | | | 12,100. | | | 12,600. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 8,450. | | | 11,700. | | | 12,300. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 8,150. | | | 11,400. | | | 11,900. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 7,860. | | | 11,100. | | | 11,600. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 7,560. | | | 10,800. | | | 11,300. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 7,290. | | | 10,400. | | | 11,000. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 7,070. | | | 10,200. | | | 10,600. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 6,880. | | | 9,890. | | | 10,300. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 6,690. | | | 9,630. | | | 10,000. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 6,510. | | | 9,380. | | | 9,790. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 6,350. | | | 9,150. | | | 9,530. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 6,180. | | | 8,910. | | | 9,290. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 6,010. | | | 8,670. | | | 9,050. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 5,850. | | | 8,440. | | | 8,820. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 5,710. | | | 8,240. | | | 8,590. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 5,590. | | | 8,060. | | | 8,370. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 5,480. | | | 7,900. | | | 8,180. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 5,380. | | | 7,750. | | | 8,010. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 5,290. | | | 7,610. | | | 7,850. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 5,190. | | | 7,470. | | | 7,710. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 5,080. | | | 7,320. | | | 7,560. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 4,970. | | | 7,180. | | | 7,420. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 4,880. | | | 7,050. | | | 7,270. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 4,790. | | | 6,920. | | | 7,140. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 4,690. | | | 6,790. | | | 7,010. | | | 140 30 JUN 72 |

FORM 1611-5
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 28.0 MACLAREN RIVER ABOVE SUSITNA CONFLUENCE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 30.0 CONFLUENCE OF MACLAREN RIVER WITH SUSITNA FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 32.5 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 MAY 72 1400 | 84. | | | 624. | | | 624. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 84. | | | 624. | | | 624. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 86. | | | 628. | | | 624. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 91. | | | 637. | | | 626. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 99. | | | 652. | | | 630. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 107. | | | 666. | | | 639. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 114. | | | 676. | | | 651. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 119. | | | 681. | | | 664. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 123. | | | 681. | | | 673. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 125. | | | 679. | | | 678. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 126. | | | 675. | | | 680. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 127. | | | 670. | | | 678. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 128. | | | 666. | | | 674. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 128. | | | 662. | | | 670. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 127. | | | 660. | | | 666. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 127. | | | 659. | | | 663. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 127. | | | 658. | | | 661. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 127. | | | 660. | | | 659. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 126. | | | 662. | | | 659. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 126. | | | 665. | | | 660. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 126. | | | 669. | | | 662. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 126. | | | 673. | | | 665. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 125. | | | 678. | | | 669. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 125. | | | 684. | | | 673. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 125. | | | 689. | | | 678. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 124. | | | 695. | | | 684. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 124. | | | 700. | | | 689. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 124. | | | 706. | | | 695. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 124. | | | 711. | | | 700. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 123. | | | 717. | | | 706. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 123. | | | 721. | | | 711. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 123. | | | 726. | | | 716. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 123. | | | 730. | | | 721. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 122. | | | 734. | | | 726. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 122. | | | 738. | | | 730. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 122. | | | 741. | | | 734. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 122. | | | 744. | | | 738. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 121. | | | 747. | | | 741. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 121. | | | 749. | | | 744. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 121. | | | 751. | | | 747. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 121. | | | 753. | | | 749. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 120. | | | 755. | | | 751. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 120. | | | 756. | | | 753. | | | 20 12 MAY 72 |

FORM 1413-S

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | |
|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | | | |
| | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | 120. | | | 757. | | | 755. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 120. | | | 758. | | | 756. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 119. | | | 759. | | | 757. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 119. | | | 759. | | | 758. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 119. | | | 760. | | | 759. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 119. | | | 760. | | | 759. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 118. | | | 760. | | | 760. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 118. | | | 760. | | | 760. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 118. | | | 760. | | | 760. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 118. | | | 760. | | | 760. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 118. | | | 759. | | | 760. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 117. | | | 759. | | | 760. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 117. | | | 758. | | | 759. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 117. | | | 758. | | | 759. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 117. | | | 757. | | | 758. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 117. | | | 756. | | | 758. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 116. | | | 756. | | | 757. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 116. | | | 755. | | | 756. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 116. | | | 754. | | | 756. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 116. | | | 753. | | | 755. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 116. | | | 752. | | | 754. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 115. | | | 752. | | | 753. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 115. | | | 751. | | | 752. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 115. | | | 750. | | | 752. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 115. | | | 749. | | | 751. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 115. | | | 748. | | | 750. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 114. | | | 747. | | | 749. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 114. | | | 746. | | | 748. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 114. | | | 745. | | | 747. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 114. | | | 744. | | | 746. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 114. | | | 743. | | | 745. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 113. | | | 742. | | | 744. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 113. | | | 741. | | | 743. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 113. | | | 741. | | | 742. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 113. | | | 740. | | | 741. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 112. | | | 739. | | | 741. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 112. | | | 738. | | | 740. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 112. | | | 737. | | | 739. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 112. | | | 736. | | | 738. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 112. | | | 735. | | | 737. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 111. | | | 734. | | | 736. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 111. | | | 734. | | | 735. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | 111. | | | 733. | | | 734. | | | 200 22 MAY 72 |

FORM 1411-A
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | 111. | | | 732. | | | 734. | | | 20 23 MAY 72 |
| 23 MAY 72 800 | 111. | | | 731. | | | 733. | | | 80 23 MAY 72 |
| 23 MAY 72 1400 | 110. | | | 730. | | | 732. | | | 140 23 MAY 72 |
| 23 MAY 72 2000 | 110. | | | 730. | | | 731. | | | 200 23 MAY 72 |
| 24 MAY 72 200 | 110. | | | 729. | | | 730. | | | 20 24 MAY 72 |
| 24 MAY 72 800 | 110. | | | 728. | | | 730. | | | 80 24 MAY 72 |
| 24 MAY 72 1400 | 110. | | | 727. | | | 729. | | | 140 24 MAY 72 |
| 24 MAY 72 2000 | 109. | | | 726. | | | 728. | | | 200 24 MAY 72 |
| 25 MAY 72 200 | 109. | | | 726. | | | 727. | | | 20 25 MAY 72 |
| 25 MAY 72 800 | 109. | | | 725. | | | 726. | | | 80 25 MAY 72 |
| 25 MAY 72 1400 | 109. | | | 724. | | | 726. | | | 140 25 MAY 72 |
| 25 MAY 72 2000 | 109. | | | 724. | | | 725. | | | 200 25 MAY 72 |
| 26 MAY 72 200 | 108. | | | 723. | | | 724. | | | 20 26 MAY 72 |
| 26 MAY 72 800 | 108. | | | 722. | | | 724. | | | 80 26 MAY 72 |
| 26 MAY 72 1400 | 108. | | | 722. | | | 723. | | | 140 26 MAY 72 |
| 26 MAY 72 2000 | 108. | | | 721. | | | 722. | | | 200 26 MAY 72 |
| 27 MAY 72 200 | 107. | | | 720. | | | 722. | | | 20 27 MAY 72 |
| 27 MAY 72 800 | 107. | | | 720. | | | 721. | | | 80 27 MAY 72 |
| 27 MAY 72 1400 | 107. | | | 719. | | | 720. | | | 140 27 MAY 72 |
| 27 MAY 72 2000 | 107. | | | 719. | | | 720. | | | 200 27 MAY 72 |
| 28 MAY 72 200 | 106. | | | 718. | | | 719. | | | 20 28 MAY 72 |
| 28 MAY 72 800 | 106. | | | 718. | | | 719. | | | 80 28 MAY 72 |
| 28 MAY 72 1400 | 106. | | | 717. | | | 718. | | | 140 28 MAY 72 |
| 28 MAY 72 2000 | 106. | | | 717. | | | 718. | | | 200 28 MAY 72 |
| 29 MAY 72 200 | 106. | | | 716. | | | 717. | | | 20 29 MAY 72 |
| 29 MAY 72 800 | 105. | | | 716. | | | 717. | | | 80 29 MAY 72 |
| 29 MAY 72 1400 | 105. | | | 715. | | | 716. | | | 140 29 MAY 72 |
| 29 MAY 72 2000 | 105. | | | 715. | | | 716. | | | 200 29 MAY 72 |
| 30 MAY 72 200 | 105. | | | 714. | | | 715. | | | 20 30 MAY 72 |
| 30 MAY 72 800 | 104. | | | 714. | | | 715. | | | 80 30 MAY 72 |
| 30 MAY 72 1400 | 104. | | | 713. | | | 714. | | | 140 30 MAY 72 |
| 30 MAY 72 2000 | 104. | | | 713. | | | 714. | | | 200 30 MAY 72 |
| 31 MAY 72 200 | 104. | | | 712. | | | 713. | | | 20 31 MAY 72 |
| 31 MAY 72 800 | 103. | | | 712. | | | 713. | | | 80 31 MAY 72 |
| 31 MAY 72 1400 | 103. | | | 711. | | | 712. | | | 140 31 MAY 72 |
| 31 MAY 72 2000 | 103. | | | 711. | | | 712. | | | 200 31 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 103. | | | 710. | | | 711. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 102. | | | 710. | | | 711. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 102. | | | 709. | | | 710. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 102. | | | 709. | | | 710. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 102. | | | 708. | | | 709. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 102. | | | 708. | | | 709. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 101. | | | 707. | | | 708. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 101. | | | 707. | | | 708. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 101. | | | 706. | | | 707. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 101. | | | 706. | | | 707. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 101. | | | 705. | | | 706. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 100. | | | 705. | | | 706. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 101. | | | 705. | | | 705. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 103. | | | 711. | | | 705. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 110. | | | 725. | | | 708. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 124. | | | 759. | | | 715. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 148. | | | 819. | | | 734. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 187. | | | 927. | | | 773. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 245. | | | 1,100. | | | 845. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 329. | | | 1,370. | | | 969. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 446. | | | 1,780. | | | 1,180. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 598. | | | 2,390. | | | 1,500. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 797. | | | 3,280. | | | 2,020. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 1,050. | | | 4,610. | | | 2,820. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 1,380. | | | 6,650. | | | 4,060. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 1,790. | | | 9,670. | | | 6,020. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 2,310. | | | 14,100. | | | 9,040. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 2,920. | | | 20,100. | | | 13,700. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 3,570. | | | 27,900. | | | 20,000. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 4,200. | | | 36,900. | | | 28,100. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 4,780. | | | 46,400. | | | 37,600. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 5,300. | | | 55,300. | | | 47,300. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 5,780. | | | 63,800. | | | 56,600. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 6,230. | | | 71,600. | | | 65,100. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 6,640. | | | 78,800. | | | 73,200. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 7,000. | | | 85,500. | | | 80,400. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 7,400. | | | 91,800. | | | 87,100. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 7,940. | | | 97,700. | | | 93,400. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 8,500. | | | 103,000. | | | 99,200. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 9,000. | | | 108,000. | | | 105,000. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 9,390. | | | 112,000. | | | 109,000. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 9,580. | | | 115,000. | | | 113,000. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 9,800. | | | 117,000. | | | 116,000. | | | 140 11 JUN 72 |



FORM 1411-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE 307 | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | | | | |
| | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | | | | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 10,600. | | | 119,000. | | | 118,000. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 11,900. | | | 122,000. | | | 120,000. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 11,700. | | | 123,000. | | | 122,000. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 11,200. | | | 122,000. | | | 122,000. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 11,800. | | | 122,000. | | | 122,000. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 13,200. | | | 123,000. | | | 122,000. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 12,900. | | | 121,000. | | | 122,000. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 12,600. | | | 118,000. | | | 120,000. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 14,100. | | | 119,000. | | | 119,000. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 16,800. | | | 124,000. | | | 121,000. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 16,000. | | | 123,000. | | | 123,000. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 14,700. | | | 121,000. | | | 123,000. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 15,900. | | | 124,000. | | | 123,000. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 19,100. | | | 132,000. | | | 127,000. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 19,100. | | | 135,000. | | | 133,000. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 18,400. | | | 136,000. | | | 135,000. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 21,000. | | | 145,000. | | | 140,000. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 26,700. | | | 163,000. | | | 152,000. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 25,200. | | | 167,000. | | | 164,000. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 19,200. | | | 157,000. | | | 163,000. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 15,000. | | | 147,000. | | | 153,000. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 14,000. | | | 141,000. | | | 145,000. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 15,000. | | | 139,000. | | | 141,000. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 14,000. | | | 132,000. | | | 136,000. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 12,500. | | | 123,000. | | | 129,000. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 11,400. | | | 116,000. | | | 121,000. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 10,200. | | | 108,000. | | | 113,000. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 9,340. | | | 102,000. | | | 106,000. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 8,800. | | | 95,800. | | | 100,000. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 8,610. | | | 91,000. | | | 94,500. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 9,020. | | | 88,600. | | | 90,600. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 9,730. | | | 88,300. | | | 88,800. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 10,500. | | | 89,500. | | | 88,800. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 11,300. | | | 91,900. | | | 90,300. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 11,700. | | | 94,500. | | | 92,700. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 11,800. | | | 96,300. | | | 94,900. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 11,500. | | | 97,500. | | | 96,600. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 11,500. | | | 99,000. | | | 98,000. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 11,800. | | | 102,000. | | | 99,900. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 11,900. | | | 104,000. | | | 102,000. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 11,700. | | | 105,000. | | | 104,000. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 11,400. | | | 105,000. | | | 105,000. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 11,400. | | | 106,000. | | | 106,000. | | | 80 22 JUN 72 |

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 28.0 | | | STATION 30.0 | | | STATION 32.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MACLAREN RIVER ABOVE SUSITNA CONFLUENCE | | | CONFLUENCE OF MACLAREN RIVER WITH SUSITNA | | | 300-350 ROUT SUS&MAC CONF-SVS&OSHET CONFLUE | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 11,400. | | | 107,000. | | | 106,000. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 11,200. | | | 107,000. | | | 107,000. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 11,000. | | | 106,000. | | | 107,000. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 10,600. | | | 105,000. | | | 106,000. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 10,300. | | | 103,000. | | | 104,000. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 10,000. | | | 102,000. | | | 103,000. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 9,570. | | | 99,600. | | | 101,000. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 8,600. | | | 95,200. | | | 98,000. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 7,880. | | | 90,800. | | | 93,900. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 7,540. | | | 87,400. | | | 89,900. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 7,250. | | | 84,000. | | | 86,500. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 6,750. | | | 79,900. | | | 82,800. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 6,380. | | | 76,200. | | | 79,000. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 6,190. | | | 73,100. | | | 75,500. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 6,040. | | | 70,400. | | | 72,500. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 5,830. | | | 67,800. | | | 69,800. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 5,670. | | | 65,500. | | | 67,300. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 5,560. | | | 63,500. | | | 65,100. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 5,440. | | | 61,800. | | | 63,200. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 5,260. | | | 59,900. | | | 61,300. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 5,110. | | | 58,200. | | | 59,600. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 5,020. | | | 56,800. | | | 57,900. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 4,940. | | | 55,500. | | | 56,500. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 4,880. | | | 54,300. | | | 55,300. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 4,810. | | | 53,200. | | | 54,100. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 4,750. | | | 52,300. | | | 53,100. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 4,660. | | | 51,300. | | | 52,100. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 4,510. | | | 50,200. | | | 51,100. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 4,390. | | | 49,100. | | | 50,000. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 4,310. | | | 48,100. | | | 49,000. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 4,220. | | | 47,200. | | | 48,000. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 4,080. | | | 46,000. | | | 47,000. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 3,970. | | | 44,900. | | | 45,900. | | | 140 30 JUN 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 | | | STATION 33.5 | | | STATION 34.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | TYONE RIVER BASIN 1047 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 18. | | | 18. | | | 140. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 886. | | | 18. | | | 140. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 882. | | | 24. | | | 142. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 878. | | | 57. | | | 145. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 875. | | | 143. | | | 148. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 873. | | | 284. | | | 152. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 869. | | | 450. | | | 156. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 865. | | | 600. | | | 160. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 861. | | | 712. | | | 166. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 855. | | | 782. | | | 173. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 849. | | | 820. | | | 181. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 844. | | | 839. | | | 190. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 839. | | | 846. | | | 200. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 839. | | | 846. | | | 210. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 839. | | | 845. | | | 219. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 839. | | | 843. | | | 229. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 838. | | | 841. | | | 238. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 837. | | | 840. | | | 247. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 836. | | | 839. | | | 256. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 834. | | | 838. | | | 264. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 832. | | | 837. | | | 272. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 830. | | | 836. | | | 280. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 827. | | | 834. | | | 289. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 824. | | | 832. | | | 297. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 820. | | | 830. | | | 307. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 815. | | | 827. | | | 317. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 810. | | | 824. | | | 327. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 805. | | | 820. | | | 339. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 800. | | | 816. | | | 352. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 796. | | | 812. | | | 366. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 799. | | | 807. | | | 382. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 802. | | | 804. | | | 399. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 805. | | | 802. | | | 417. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 808. | | | 802. | | | 438. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 810. | | | 803. | | | 460. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 812. | | | 805. | | | 484. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 814. | | | 807. | | | 510. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 815. | | | 809. | | | 537. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 815. | | | 811. | | | 567. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 814. | | | 812. | | | 599. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 813. | | | 813. | | | 633. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 812. | | | 814. | | | 668. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 810. | | | 814. | | | 706. | | | 20 12 MAY 72 |



FORM 1413-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | 809. | | | 813. | | | 746. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 807. | | | 812. | | | 787. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 805. | | | 811. | | | 830. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 802. | | | 809. | | | 875. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 800. | | | 807. | | | 921. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 796. | | | 805. | | | 969. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 793. | | | 803. | | | 1,020. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 788. | | | 800. | | | 1,070. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 783. | | | 797. | | | 1,120. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 777. | | | 793. | | | 1,170. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 775. | | | 789. | | | 1,230. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 773. | | | 785. | | | 1,280. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 771. | | | 781. | | | 1,340. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 769. | | | 778. | | | 1,390. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 767. | | | 775. | | | 1,450. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 765. | | | 773. | | | 1,510. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 764. | | | 770. | | | 1,570. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 763. | | | 768. | | | 1,620. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 762. | | | 767. | | | 1,680. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 760. | | | 765. | | | 1,740. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 757. | | | 764. | | | 1,800. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 755. | | | 762. | | | 1,850. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 752. | | | 760. | | | 1,910. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 750. | | | 758. | | | 1,970. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 747. | | | 756. | | | 2,030. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 744. | | | 753. | | | 2,080. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 741. | | | 751. | | | 2,140. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 737. | | | 748. | | | 2,190. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 733. | | | 745. | | | 2,250. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 728. | | | 742. | | | 2,300. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 723. | | | 738. | | | 2,350. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 718. | | | 734. | | | 2,400. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 711. | | | 730. | | | 2,450. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 704. | | | 725. | | | 2,500. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 697. | | | 720. | | | 2,550. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 689. | | | 714. | | | 2,600. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 682. | | | 707. | | | 2,650. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 674. | | | 700. | | | 2,690. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 666. | | | 693. | | | 2,740. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 657. | | | 686. | | | 2,780. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 648. | | | 678. | | | 2,830. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 639. | | | 670. | | | 2,870. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | 630. | | | 662. | | | 2,910. | | | 200 22 MAY 72 |

FORM 1911-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 | | | STATION 33.5 | | | STATION 34.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | TYONE RIVER BASIN 1047 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | 621. | | | 654. | | | 2,950. | | | 20 23 MAY 72 |
| 23 MAY 72 800 | 612. | | | 645. | | | 2,990. | | | 80 23 MAY 72 |
| 23 MAY 72 1400 | 603. | | | 637. | | | 3,030. | | | 140 23 MAY 72 |
| 23 MAY 72 2000 | 594. | | | 628. | | | 3,070. | | | 200 23 MAY 72 |
| 24 MAY 72 200 | 588. | | | 619. | | | 3,110. | | | 20 24 MAY 72 |
| 24 MAY 72 800 | 583. | | | 611. | | | 3,140. | | | 80 24 MAY 72 |
| 24 MAY 72 1400 | 579. | | | 603. | | | 3,180. | | | 140 24 MAY 72 |
| 24 MAY 72 2000 | 574. | | | 596. | | | 3,210. | | | 200 24 MAY 72 |
| 25 MAY 72 200 | 570. | | | 590. | | | 3,250. | | | 20 25 MAY 72 |
| 25 MAY 72 800 | 565. | | | 584. | | | 3,280. | | | 80 25 MAY 72 |
| 25 MAY 72 1400 | 561. | | | 579. | | | 3,310. | | | 140 25 MAY 72 |
| 25 MAY 72 2000 | 556. | | | 574. | | | 3,340. | | | 200 25 MAY 72 |
| 26 MAY 72 200 | 552. | | | 570. | | | 3,370. | | | 20 26 MAY 72 |
| 26 MAY 72 800 | 547. | | | 565. | | | 3,400. | | | 80 26 MAY 72 |
| 26 MAY 72 1400 | 543. | | | 560. | | | 3,430. | | | 140 26 MAY 72 |
| 26 MAY 72 2000 | 538. | | | 556. | | | 3,460. | | | 200 26 MAY 72 |
| 27 MAY 72 200 | 534. | | | 552. | | | 3,490. | | | 20 27 MAY 72 |
| 27 MAY 72 800 | 529. | | | 547. | | | 3,520. | | | 80 27 MAY 72 |
| 27 MAY 72 1400 | 525. | | | 543. | | | 3,550. | | | 140 27 MAY 72 |
| 27 MAY 72 2000 | 520. | | | 538. | | | 3,580. | | | 200 27 MAY 72 |
| 28 MAY 72 200 | 516. | | | 534. | | | 3,600. | | | 20 28 MAY 72 |
| 28 MAY 72 800 | 511. | | | 529. | | | 3,630. | | | 80 28 MAY 72 |
| 28 MAY 72 1400 | 507. | | | 525. | | | 3,660. | | | 140 28 MAY 72 |
| 28 MAY 72 2000 | 502. | | | 520. | | | 3,680. | | | 200 28 MAY 72 |
| 29 MAY 72 200 | 498. | | | 516. | | | 3,710. | | | 20 29 MAY 72 |
| 29 MAY 72 800 | 493. | | | 512. | | | 3,730. | | | 80 29 MAY 72 |
| 29 MAY 72 1400 | 489. | | | 507. | | | 3,760. | | | 140 29 MAY 72 |
| 29 MAY 72 2000 | 484. | | | 503. | | | 3,780. | | | 200 29 MAY 72 |
| 30 MAY 72 200 | 480. | | | 498. | | | 3,800. | | | 20 30 MAY 72 |
| 30 MAY 72 800 | 475. | | | 494. | | | 3,820. | | | 80 30 MAY 72 |
| 30 MAY 72 1400 | 471. | | | 489. | | | 3,850. | | | 140 30 MAY 72 |
| 30 MAY 72 2000 | 466. | | | 485. | | | 3,870. | | | 200 30 MAY 72 |
| 31 MAY 72 200 | 462. | | | 481. | | | 3,900. | | | 20 31 MAY 72 |
| 31 MAY 72 800 | 457. | | | 476. | | | 3,920. | | | 80 31 MAY 72 |
| 31 MAY 72 1400 | 453. | | | 472. | | | 3,940. | | | 140 31 MAY 72 |
| 31 MAY 72 2000 | 448. | | | 467. | | | 3,960. | | | 200 31 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 444. | | | 463. | | | 3,980. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 439. | | | 459. | | | 4,000. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 435. | | | 454. | | | 4,020. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 430. | | | 450. | | | 4,040. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 426. | | | 445. | | | 4,060. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 422. | | | 441. | | | 4,080. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 417. | | | 437. | | | 4,100. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 413. | | | 432. | | | 4,120. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 408. | | | 428. | | | 4,140. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 404. | | | 423. | | | 4,150. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 399. | | | 419. | | | 4,170. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 395. | | | 415. | | | 4,190. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 397. | | | 410. | | | 4,210. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 394. | | | 406. | | | 4,220. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 406. | | | 403. | | | 4,240. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 409. | | | 401. | | | 4,260. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 436. | | | 402. | | | 4,270. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 456. | | | 405. | | | 4,290. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 496. | | | 412. | | | 4,320. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 542. | | | 425. | | | 4,350. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 586. | | | 445. | | | ,390. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 646. | | | 472. | | | 4,450. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 705. | | | 508. | | | 4,560. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 765. | | | 552. | | | 4,710. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 828. | | | 603. | | | 4,970. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 883. | | | 661. | | | 5,350. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 933. | | | 723. | | | 5,930. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 967. | | | 785. | | | 6,770. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 991. | | | 843. | | | 7,940. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 1,010. | | | 895. | | | 9,510. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 1,010. | | | 936. | | | 11,500. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 1,000. | | | 966. | | | 14,000. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 1,000. | | | 986. | | | 16,800. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 973. | | | 995. | | | 19,900. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 941. | | | 994. | | | 23,200. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 911. | | | 983. | | | 26,500. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 934. | | | 967. | | | 29,600. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 911. | | | 950. | | | 32,500. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 891. | | | 937. | | | 34,900. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 877. | | | 924 | | | 36,900. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 843. | | | 910. | | | 38,500. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 830. | | | 893. | | | 39,600. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 84?. | | | 876. | | | 40,400. | | | 140 11 JUN 72 |

FORM 1413

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 985. | | | 866. | | | 40,800. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 824. | | | 870. | | | 40,900. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 832. | | | 876. | | | 40,900. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 863. | | | 873. | | | 40,700. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 1,050. | | | 870. | | | 40,300. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 871. | | | 884. | | | 40,000. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 681. | | | 902. | | | 39,600. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 926. | | | 908. | | | 39,100. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 1,180. | | | 916. | | | 38,600. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 944. | | | 944. | | | 38,100. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 971. | | | 977. | | | 37,600. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 1,040. | | | 992. | | | 37,000. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 1,350. | | | 1,010. | | | 36,500. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 1,140. | | | 1,060. | | | 35,900. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 1,190. | | | 1,120. | | | 35,500. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 1,320. | | | 1,160. | | | 35,100. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 1,830. | | | 1,220. | | | 34,900. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 1,610. | | | 1,330. | | | 34,800. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 1,470. | | | 1,470. | | | 34,800. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 1,490. | | | 1,530. | | | 35,000. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 1,510. | | | 1,530. | | | 35,400. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 1,660. | | | 1,520. | | | 36,100. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 1,420. | | | 1,530. | | | 36,800. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 1,320. | | | 1,530. | | | 37,600. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 1,230. | | | 1,470. | | | 38,300. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 1,030. | | | 1,390. | | | 38,600. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 923. | | | 1,280. | | | 38,600. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 804. | | | 1,170. | | | 38,200. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 685. | | | 1,050. | | | 37,500. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 573. | | | 937. | | | 36,400. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 472. | | | 831. | | | 35,000. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 384. | | | 731. | | | 33,500. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 309. | | | 639. | | | 31,800. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 248. | | | 555. | | | 30,000. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 198. | | | 481. | | | 28,400. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 158. | | | 415. | | | 26,800. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 127. | | | 358. | | | 25,400. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 102. | | | 309. | | | 24,200. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 82. | | | 267. | | | 23,300. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 67. | | | 231. | | | 22,500. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 55. | | | 201. | | | 22,000. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 46. | | | 175. | | | 21,600. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 39. | | | 153. | | | 21,400. | | | 80 22 JUN 72 |

FORM 1411-S

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 33.0 LAKE LOUISE AND SUSITNA LAKE 48 SQ MI | | STATION 33.5 330-350 ROUT LAKE LOUISE&SVS LAKE - SUS RIV | | | STATION 34.0 TYONE RIVER BASIN 1047 SQ MI | | | |
|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | | 33. | | | 134. | | | 21,200. | | 140 22 JUN 72 |
| 22 JUN 72 2000 | | 28. | | | 118. | | | 21,100. | | 200 22 JUN 72 |
| 23 JUN 72 200 | | 25. | | | 105. | | | 21,000. | | 20 23 JUN 72 |
| 23 JUN 72 800 | | 21. | | | 93. | | | 20,900. | | 80 23 JUN 72 |
| 23 JUN 72 1400 | | 19. | | | 83. | | | 20,900. | | 140 23 JUN 72 |
| 23 JUN 72 2000 | | 17. | | | 74. | | | 20,800. | | 200 23 JUN 72 |
| 24 JUN 72 200 | | 15. | | | 66. | | | 20,600. | | 20 24 JUN 72 |
| 24 JUN 72 800 | | 13. | | | 60. | | | 20,400. | | 80 24 JUN 72 |
| 24 JUN 72 1400 | | 11. | | | 54. | | | 20,200. | | 140 24 JUN 72 |
| 24 JUN 72 2000 | | 10. | | | 49. | | | 19,900. | | 200 24 JUN 72 |
| 25 JUN 72 200 | | 9. | | | 45. | | | 19,600. | | 20 25 JUN 72 |
| 25 JUN 72 800 | | 8. | | | 41. | | | 19,200. | | 80 25 JUN 72 |
| 25 JUN 72 1400 | | 7. | | | 37. | | | 18,800. | | 140 25 JUN 72 |
| 25 JUN 72 2000 | | 6. | | | 34. | | | 18,300. | | 200 25 JUN 72 |
| 26 JUN 72 200 | | 5. | | | 31. | | | 17,800. | | 20 26 JUN 72 |
| 26 JUN 72 800 | | 5. | | | 29. | | | 17,300. | | 80 26 JUN 72 |
| 26 JUN 72 1400 | | 4. | | | 27. | | | 16,700. | | 140 26 JUN 72 |
| 26 JUN 72 2000 | | 3. | | | 25. | | | 16,200. | | 200 26 JUN 72 |
| 27 JUN 72 200 | | 3. | | | 23. | | | 15,600. | | 20 27 JUN 72 |
| 27 JUN 72 800 | | 3. | | | 21. | | | 15,100. | | 80 27 JUN 72 |
| 27 JUN 72 1400 | | 2. | | | 20. | | | 14,600. | | 140 27 JUN 72 |
| 27 JUN 72 2000 | | 2. | | | 18. | | | 14,100. | | 200 27 JUN 72 |
| 28 JUN 72 200 | | 2. | | | 17. | | | 13,600. | | 20 28 JUN 72 |
| 28 JUN 72 800 | | 2. | | | 16. | | | 13,200. | | 80 28 JUN 72 |
| 28 JUN 72 1400 | | 1. | | | 15. | | | 12,800. | | 140 28 JUN 72 |
| 28 JUN 72 2000 | | 1. | | | 14. | | | 12,400. | | 200 28 JUN 72 |
| 29 JUN 72 200 | | 1. | | | 13. | | | 12,100. | | 20 29 JUN 72 |
| 29 JUN 72 800 | | 1. | | | 12. | | | 11,700. | | 80 29 JUN 72 |
| 29 JUN 72 1400 | | 1. | | | 11. | | | 11,400. | | 140 29 JUN 72 |
| 29 JUN 72 2000 | | 1. | | | 11. | | | 11,100. | | 200 29 JUN 72 |
| 30 JUN 72 200 | | 1. | | | 10. | | | 10,900. | | 20 30 JUN 72 |
| 30 JUN 72 800 | | 1. | | | 9. | | | 10,600. | | 80 30 JUN 72 |
| 30 JUN 72 1400 | | 1. | | | 9. | | | 10,300. | | 140 30 JUN 72 |

FORM 1613-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 782. | | | 782. | | | 158. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 783. | | | 782. | | | 169. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 791. | | | 787. | | | 206. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 828. | | | 808. | | | 269. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 921. | | | 871. | | | 352. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 1,070. | | | 992. | | | 438. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 1,260. | | | 1,160. | | | 515. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 1,420. | | | 1,330. | | | 576. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 1,550. | | | 1,480. | | | 621. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 1,630. | | | 1,590. | | | 654. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 1,680. | | | 1,660. | | | 677. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 1,710. | | | 1,690. | | | 693. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 1,720. | | | 1,710. | | | 705. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 1,730. | | | 1,720. | | | 715. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 1,730. | | | 1,730. | | | 724. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 1,730. | | | 1,730. | | | 732. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 1,740. | | | 1,740. | | | 740. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 1,750. | | | 1,740. | | | 748. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 1,750. | | | 1,750. | | | 757. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 1,760. | | | 1,760. | | | 766. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 1,770. | | | 1,770. | | | 775. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 1,780. | | | 1,780. | | | 784. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 1,790. | | | 1,790. | | | 794. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 1,800. | | | 1,800. | | | 804. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 1,810. | | | 1,810. | | | 814. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 1,830. | | | 1,820. | | | 825. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 1,840. | | | 1,830. | | | 836. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 1,850. | | | 1,850. | | | 847. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 1,870. | | | 1,860. | | | 859. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 1,880. | | | 1,880. | | | 871. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 1,900. | | | 1,890. | | | 882. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 1,920. | | | 1,910. | | | 894. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 1,940. | | | 1,930. | | | 906. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 1,970. | | | 1,950. | | | 918. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 1,990. | | | 1,980. | | | 930. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 2,020. | | | 2,010. | | | 943. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 2,050. | | | 2,040. | | | 955. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 2,090. | | | 2,070. | | | 967. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 2,120. | | | 2,100. | | | 979. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 2,160. | | | 2,140. | | | 990. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 2,200. | | | 2,180. | | | 1,000. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 2,230. | | | 2,210. | | | 1,010. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 2,270. | | | 2,250. | | | 1,030. | | | 20 12 MAY 72 |

FORM 1413-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(O) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | 2,310. | | | 2,290. | | | 1,040. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 2,360. | | | 2,330. | | | 1,050. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 2,400. | | | 2,380. | | | 1,060. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 2,440. | | | 2,420. | | | 1,070. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 2,490. | | | 2,460. | | | 1,080. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 2,530. | | | 2,510. | | | 1,090. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 2,580. | | | 2,560. | | | 1,100. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 2,630. | | | 2,600. | | | 1,110. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 2,680. | | | 2,650. | | | 1,120. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 2,730. | | | 2,700. | | | 1,130. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 2,780. | | | 2,750. | | | 1,140. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 2,830. | | | 2,800. | | | 1,150. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 2,880. | | | 2,850. | | | 1,160. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 2,930. | | | 2,900. | | | 1,160. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 2,980. | | | 2,960. | | | 1,170. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 3,040. | | | 3,010. | | | 1,180. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 3,090. | | | 3,070. | | | 1,190. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 3,150. | | | 3,120. | | | 1,190. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 3,200. | | | 3,180. | | | 1,200. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 3,260. | | | 3,230. | | | 1,210. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 3,320. | | | 3,290. | | | 1,210. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 3,370. | | | 3,340. | | | 1,220. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 3,420. | | | 3,400. | | | 1,230. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 3,480. | | | 3,450. | | | 1,230. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 3,530. | | | 3,500. | | | 1,240. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 3,580. | | | 3,560. | | | 1,240. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 3,640. | | | 3,610. | | | 1,250. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 3,690. | | | 3,660. | | | 1,250. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 3,740. | | | 3,710. | | | 1,260. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 3,790. | | | 3,760. | | | 1,260. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 3,830. | | | 3,810. | | | 1,270. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 3,880. | | | 3,860. | | | 1,270. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 3,930. | | | 3,900. | | | 1,270. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 3,970. | | | 3,950. | | | 1,280. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 4,010. | | | 3,990. | | | 1,280. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 4,050. | | | 4,030. | | | 1,290. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 4,090. | | | 4,070. | | | 1,290. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 4,130. | | | 4,110. | | | 1,290. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 4,170. | | | 4,150. | | | 1,290. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 4,210. | | | 4,190. | | | 1,300. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 4,240. | | | 4,220. | | | 1,300. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 4,280. | | | 4,260. | | | 1,300. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | 4,310. | | | 4,290. | | | 1,300. | | | 200 22 MAY 72 |



FORM 5113
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | STATION 37.5 | STATION 38.0 | |
|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | |
| DATE-HOUR | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | 4,340. | 4,320. | 1,310. | 20 23 MAY 72 |
| 23 MAY 72 800 | 4,370. | 4,350. | 1,310. | 80 23 MAY 72 |
| 23 MAY 72 1400 | 4,400. | 4,380. | 1,310. | 140 23 MAY 72 |
| 23 MAY 72 2000 | 4,430. | 4,410. | 1,310. | 200 23 MAY 72 |
| 24 MAY 72 200 | 4,450. | 4,440. | 1,310. | 20 24 MAY 72 |
| 24 MAY 72 800 | 4,480. | 4,470. | 1,320. | 80 24 MAY 72 |
| 24 MAY 72 1400 | 4,510. | 4,490. | 1,320. | 140 24 MAY 72 |
| 24 MAY 72 2000 | 4,540. | 4,520. | 1,320. | 200 24 MAY 72 |
| 25 MAY 72 200 | 4,560. | 4,550. | 1,320. | 20 25 MAY 72 |
| 25 MAY 72 800 | 4,590. | 4,580. | 1,320. | 80 25 MAY 72 |
| 25 MAY 72 1400 | 4,620. | 4,600. | 1,320. | 140 25 MAY 72 |
| 25 MAY 72 2000 | 4,640. | 4,630. | 1,320. | 200 25 MAY 72 |
| 26 MAY 72 200 | 4,670. | 4,650. | 1,320. | 20 26 MAY 72 |
| 26 MAY 72 800 | 4,690. | 4,680. | 1,320. | 80 26 MAY 72 |
| 26 MAY 72 1400 | 4,720. | 4,700. | 1,330. | 140 26 MAY 72 |
| 26 MAY 72 2000 | 4,740. | 4,730. | 1,330. | 200 26 MAY 72 |
| 27 MAY 72 200 | 4,770. | 4,750. | 1,330. | 20 27 MAY 72 |
| 27 MAY 72 800 | 4,790. | 4,780. | 1,330. | 80 27 MAY 72 |
| 27 MAY 72 1400 | 4,810. | 4,800. | 1,330. | 140 27 MAY 72 |
| 27 MAY 72 2000 | 4,830. | 4,820. | 1,330. | 200 27 MAY 72 |
| 28 MAY 72 200 | 4,860. | 4,850. | 1,330. | 20 28 MAY 72 |
| 28 MAY 72 800 | 4,880. | 4,870. | 1,330. | 80 28 MAY 72 |
| 28 MAY 72 1400 | 4,900. | 4,890. | 1,330. | 140 28 MAY 72 |
| 28 MAY 72 2000 | 4,920. | 4,910. | 1,330. | 200 28 MAY 72 |
| 29 MAY 72 200 | 4,940. | 4,930. | 1,330. | 20 29 MAY 72 |
| 29 MAY 72 800 | 4,960. | 4,950. | 1,330. | 80 29 MAY 72 |
| 29 MAY 72 1400 | 4,980. | 4,970. | 1,330. | 140 29 MAY 72 |
| 29 MAY 72 2000 | 5,000. | 4,990. | 1,330. | 200 29 MAY 72 |
| 30 MAY 72 200 | 5,020. | 5,010. | 1,330. | 20 30 MAY 72 |
| 30 MAY 72 800 | 5,040. | 5,030. | 1,330. | 80 30 MAY 72 |
| 30 MAY 72 1400 | 5,050. | 5,050. | 1,330. | 140 30 MAY 72 |
| 30 MAY 72 2000 | 5,070. | 5,060. | 1,330. | 200 30 MAY 72 |
| 31 MAY 72 200 | 5,090. | 5,080. | 1,330. | 20 31 MAY 72 |
| 31 MAY 72 800 | 5,110. | 5,100. | 1,330. | 80 31 MAY 72 |
| 31 MAY 72 1400 | 5,120. | 5,110. | 1,330. | 140 31 MAY 72 |
| 31 MAY 72 2000 | 5,140. | 5,130. | 1,330. | 200 31 MAY 72 |

FORM 1411-3
PRINTED IN USA

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 35.0 COLLECTION ONE MI ABV CONFL OF OSHET & SUS FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 37.5 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 72 200 | 5,160. | | | 5,150. | | | 1,330. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 5,170. | | | 5,160. | | | 1,330. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 5,190. | | | 5,180. | | | 1,320. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 5,200. | | | 5,190. | | | 1,320. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 5,220. | | | 5,210. | | | 1,320. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 5,230. | | | 5,220. | | | 1,320. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 5,240. | | | 5,240. | | | 1,320. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 5,260. | | | 5,250. | | | 1,320. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 5,270. | | | 5,260. | | | 1,320. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 5,280. | | | 5,280. | | | 1,320. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 5,300. | | | 5,290. | | | 1,320. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 5,310. | | | 5,300. | | | 1,320. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 5,320. | | | 5,320. | | | 1,320. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 5,330. | | | 5,330. | | | 1,340. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 5,350. | | | 5,340. | | | 1,390. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 5,370. | | | 5,360. | | | 1,490. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 5,410. | | | 5,390. | | | 1,660. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 5,470. | | | 5,440. | | | 1,930. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 5,570. | | | 5,520. | | | 2,330. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 5,740. | | | 5,660. | | | 2,920. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 6,010. | | | 5,880. | | | 3,700. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 6,430. | | | 6,220. | | | 4,650. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 7,080. | | | 6,760. | | | 5,830. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 8,090. | | | 7,590. | | | 7,240. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 9,630. | | | 8,860. | | | 8,930. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 12,000. | | | 10,800. | | | 10,900. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 15,700. | | | 13,800. | | | 13,300. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 21,200. | | | 18,400. | | | 15,600. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 28,800. | | | 25,000. | | | 17,700. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 38,600. | | | 33,700. | | | 19,500. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 50,000. | | | 44,300. | | | 21,100. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 62,200. | | | 56,100. | | | 22,500. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 74,300. | | | 68,300. | | | 23,700. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 86,100. | | | 80,200. | | | 24,900. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 97,400. | | | 91,700. | | | 25,900. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 108,000. | | | 103,000. | | | 26,700. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 118,000. | | | 113,000. | | | 27,800. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 127,000. | | | 122,000. | | | 29,100. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 135,000. | | | 131,000. | | | 30,400. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 142,000. | | | 139,000. | | | 31,600. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 149,000. | | | 146,000. | | | 32,400. | | | 20 11 JUN 72 |
| 14 JUN 72 800 | 153,000. | | | 151,000. | | | 32,900. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 157,000. | | | 155,000. | | | 33,900. | | | 140 11 JUN 72 |



FORM 1815-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 35.0 | | | STATION 37.5 | | | STATION 38.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | COLLECTION ONE MI ABV CONFL OF OSHET & SUS | | | 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) | | | OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 159,000. | | | 158,000. | | | 36,800. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 162,000. | | | 161,000. | | | 37,900. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 164,000. | | | 163,000. | | | 35,400. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 164,000. | | | 164,000. | | | 34,000. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 163,000. | | | 163,000. | | | 35,100. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 163,000. | | | 163,000. | | | 35,600. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 162,000. | | | 163,000. | | | 33,800. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 160,000. | | | 161,000. | | | 33,500. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 159,000. | | | 159,000. | | | 36,700. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 160,000. | | | 160,000. | | | 38,100. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 162,000. | | | 161,000. | | | 35,000. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 161,000. | | | 161,000. | | | 34,200. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 160,000. | | | 160,000. | | | 37,800. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 164,000. | | | 162,000. | | | 41,000. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 169,000. | | | 167,000. | | | 39,800. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 172,000. | | | 171,000. | | | 40,000. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 176,000. | | | 174,000. | | | 46,600. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 188,000. | | | 182,000. | | | 51,100. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 200,000. | | | 194,000. | | | 43,800. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 199,000. | | | 200,000. | | | 35,900. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 190,000. | | | 195,000. | | | 32,800. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 183,000. | | | 187,000. | | | 34,100. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 179,000. | | | 181,000. | | | 35,000. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 175,000. | | | 177,000. | | | 32,700. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 168,000. | | | 172,000. | | | 31,200. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 161,000. | | | 165,000. | | | 30,100. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 153,000. | | | 157,000. | | | 29,000. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 146,000. | | | 150,000. | | | 28,300. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 138,000. | | | 142,000. | | | 27,700. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 132,000. | | | 135,000. | | | 28,400. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 126,000. | | | 129,000. | | | 30,500. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 123,000. | | | 125,000. | | | 32,900. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 121,000. | | | 122,000. | | | 35,500. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 121,000. | | | 121,000. | | | 37,700. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 121,000. | | | 121,000. | | | 38,800. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 122,000. | | | 122,000. | | | 39,000. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 122,000. | | | 122,000. | | | 38,900. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 123,000. | | | 122,000. | | | 40,200. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 123,000. | | | 123,000. | | | 42,500. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 125,000. | | | 124,000. | | | 43,400. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 126,000. | | | 126,000. | | | 43,400. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 127,000. | | | 126,000. | | | 44,100. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 127,000. | | | 127,000. | | | 45,100. | | | 80 22 JUN 72 |

FORM 1115-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 35.0 COLLECTION ONE MI ABV CONFL OF OSHET & SUS FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 37.5 350-400 ROUT 1 MI ABV SUS&OSHET-SUS CANT(U) FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 38.0 OSHETNA AND GOOSE CREEK LOCAL 735 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 22 JUN 72 1400 | 128,000. | | | 127,000. | | | 45,300. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 128,000. | | | 128,000. | | | 45,100. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 128,000. | | | 128,000. | | | 44,400. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 127,000. | | | 127,000. | | | 43,400. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 125,000. | | | 126,000. | | | 42,700. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 124,000. | | | 124,000. | | | 42,000. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 122,000. | | | 123,000. | | | 39,100. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 119,000. | | | 120,000. | | | 35,000. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 114,000. | | | 116,000. | | | 33,000. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 110,000. | | | 112,000. | | | 32,200. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 106,000. | | | 108,000. | | | 30,500. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 102,000. | | | 104,000. | | | 28,400. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 97,800. | | | 99,900. | | | 27,300. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 93,800. | | | 95,800. | | | 26,800. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 90,300. | | | 92,100. | | | 26,000. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 87,100. | | | 88,700. | | | 25,100. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 84,000. | | | 85,600. | | | 24,500. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 81,300. | | | 82,600. | | | 24,100. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 78,800. | | | 80,000. | | | 23,500. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 76,400. | | | 77,600. | | | 22,600. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 74,100. | | | 75,300. | | | 22,200. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 72,000. | | | 73,100. | | | 21,900. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 70,200. | | | 71,100. | | | 21,700. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 68,500. | | | 69,300. | | | 21,500. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 66,900. | | | 67,700. | | | 21,300. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 65,500. | | | 66,200. | | | 21,200. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 64,200. | | | 64,900. | | | 20,700. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 62,800. | | | 63,500. | | | 20,100. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 61,400. | | | 62,100. | | | 19,800. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 60,100. | | | 60,800. | | | 19,600. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 58,900. | | | 59,500. | | | 19,200. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 57,600. | | | 58,200. | | | 18,600. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 56,200. | | | 56,900. | | | 18,300. | | | 140 30 JUN 72 |

FORM 1113
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGRS

| | STATION 40.0 | STATION 42.5 | STATION 48.0 | |
|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | |
| | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | |
| DATE-HOUR | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | FLOW CFS / GAGE HEIGHT FEET / STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 940. | 940. | 466. | 140 1 MAY 72 |
| 1 MAY 72 2000 | 952. | 943. | 467. | 200 1 MAY 72 |
| 2 MAY 72 200 | 993. | 959. | 473. | 20 2 MAY 72 |
| 2 MAY 72 800 | 1,080. | 1,000. | 487. | 80 2 MAY 72 |
| 2 MAY 72 1400 | 1,220. | 1,090. | 514. | 140 2 MAY 72 |
| 2 MAY 72 2000 | 1,430. | 1,250. | 551. | 200 2 MAY 72 |
| 3 MAY 72 200 | 1,670. | 1,450. | 595. | 20 3 MAY 72 |
| 3 MAY 72 800 | 1,910. | 1,680. | 645. | 80 3 MAY 72 |
| 3 MAY 72 1400 | 2,100. | 1,910. | 695. | 140 3 MAY 72 |
| 3 MAY 72 2000 | 2,240. | 2,100. | 744. | 200 3 MAY 72 |
| 4 MAY 72 200 | 2,330. | 2,240. | 789. | 20 4 MAY 72 |
| 4 MAY 72 800 | 2,390. | 2,330. | 830. | 80 4 MAY 72 |
| 4 MAY 72 1400 | 2,420. | 2,380. | 865. | 140 4 MAY 72 |
| 4 MAY 72 2000 | 2,440. | 2,420. | 896. | 200 4 MAY 72 |
| 5 MAY 72 200 | 2,450. | 2,440. | 921. | 20 5 MAY 72 |
| 5 MAY 72 800 | 2,460. | 2,450. | 942. | 80 5 MAY 72 |
| 5 MAY 72 1400 | 2,480. | 2,470. | 959. | 140 5 MAY 72 |
| 5 MAY 72 2000 | 2,490. | 2,480. | 972. | 200 5 MAY 72 |
| 6 MAY 72 200 | 2,510. | 2,490. | 982. | 20 6 MAY 72 |
| 6 MAY 72 800 | 2,520. | 2,510. | 989. | 80 6 MAY 72 |
| 6 MAY 72 1400 | 2,540. | 2,530. | 995. | 140 6 MAY 72 |
| 6 MAY 72 2000 | 2,560. | 2,540. | 999. | 200 6 MAY 72 |
| 7 MAY 72 200 | 2,580. | 2,560. | 1,000. | 20 7 MAY 72 |
| 7 MAY 72 800 | 2,600. | 2,580. | 1,000. | 80 7 MAY 72 |
| 7 MAY 72 1400 | 2,620. | 2,600. | 1,000. | 140 7 MAY 72 |
| 7 MAY 72 2000 | 2,650. | 2,630. | 1,000. | 200 7 MAY 72 |
| 8 MAY 72 200 | 2,670. | 2,650. | 1,000. | 20 8 MAY 72 |
| 8 MAY 72 800 | 2,690. | 2,670. | 1,000. | 80 8 MAY 72 |
| 8 MAY 72 1400 | 2,720. | 2,700. | 1,000. | 140 8 MAY 72 |
| 8 MAY 72 2000 | 2,750. | 2,720. | 1,000. | 200 8 MAY 72 |
| 9 MAY 72 200 | 2,770. | 2,750. | 999. | 20 9 MAY 72 |
| 9 MAY 72 800 | 2,800. | 2,780. | 998. | 80 9 MAY 72 |
| 9 MAY 72 1400 | 2,840. | 2,810. | 996. | 140 9 MAY 72 |
| 9 MAY 72 2000 | 2,870. | 2,840. | 995. | 200 9 MAY 72 |
| 10 MAY 72 200 | 2,910. | 2,880. | 993. | 20 10 MAY 72 |
| 10 MAY 72 800 | 2,950. | 2,910. | 991. | 80 10 MAY 72 |
| 10 MAY 72 1400 | 2,990. | 2,960. | 990. | 140 10 MAY 72 |
| 10 MAY 72 2000 | 3,040. | 3,000. | 988. | 200 10 MAY 72 |
| 11 MAY 72 200 | 3,080. | 3,040. | 986. | 20 11 MAY 72 |
| 11 MAY 72 800 | 3,130. | 3,090. | 985. | 80 11 MAY 72 |
| 11 MAY 72 1400 | 3,180. | 3,140. | 983. | 140 11 MAY 72 |
| 11 MAY 72 2000 | 3,250. | 3,180. | 981. | 200 11 MAY 72 |
| 12 MAY 72 200 | 3,280. | 3,230. | 980. | 20 12 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | 3,330. | | | 3,280. | | | 976. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 3,380. | | | 3,340. | | | 977. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 3,430. | | | 3,390. | | | 975. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 3,490. | | | 3,440. | | | 974. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 3,540. | | | 3,500. | | | 973. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 3,600. | | | 3,550. | | | 971. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 3,660. | | | 3,610. | | | 970. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 3,710. | | | 3,670. | | | 969. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 3,770. | | | 3,720. | | | 967. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 3,830. | | | 3,780. | | | 966. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 3,890. | | | 3,840. | | | 965. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 3,950. | | | 3,900. | | | 964. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 4,010. | | | 3,960. | | | 963. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 4,070. | | | 4,020. | | | 962. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 4,130. | | | 4,080. | | | 961. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 4,190. | | | 4,140. | | | 960. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 4,250. | | | 4,200. | | | 959. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 4,310. | | | 4,260. | | | 958. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 4,380. | | | 4,320. | | | 957. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 4,440. | | | 4,390. | | | 957. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 4,500. | | | 4,450. | | | 956. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 4,560. | | | 4,510. | | | 955. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 4,620. | | | 4,570. | | | 955. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 4,680. | | | 4,630. | | | 954. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 4,740. | | | 4,690. | | | 953. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 4,800. | | | 4,750. | | | 953. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 4,860. | | | 4,810. | | | 952. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 4,910. | | | 4,870. | | | 952. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 4,970. | | | 4,920. | | | 951. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 5,020. | | | 4,980. | | | 951. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 5,080. | | | 5,030. | | | 950. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 5,130. | | | 5,090. | | | 950. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 5,180. | | | 5,140. | | | 950. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 5,230. | | | 5,190. | | | 949. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 5,270. | | | 5,230. | | | 949. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 5,320. | | | 5,280. | | | 949. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 5,360. | | | 5,330. | | | 948. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 5,400. | | | 5,370. | | | 948. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 5,450. | | | 5,410. | | | 948. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 5,490. | | | 5,450. | | | 948. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 5,520. | | | 5,490. | | | 947. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 5,560. | | | 5,530. | | | 947. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | 5,600. | | | 5,570. | | | 947. | | | 200 22 MAY 72 |

FORM 1411-J
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 23 MAY 72 200 | 5,630. | | | 5,600. | | | 947. | | | 20 23 MAY 72 |
| 23 MAY 72 800 | 5,660. | | | 5,640. | | | 947. | | | 80 23 MAY 72 |
| 23 MAY 72 1400 | 5,690. | | | 5,670. | | | 947. | | | 140 23 MAY 72 |
| 23 MAY 72 2000 | 5,730. | | | 5,700. | | | 946. | | | 200 23 MAY 72 |
| 24 MAY 72 200 | 5,750. | | | 5,730. | | | 946. | | | 20 24 MAY 72 |
| 24 MAY 72 800 | 5,780. | | | 5,760. | | | 946. | | | 80 24 MAY 72 |
| 24 MAY 72 1400 | 5,810. | | | 5,790. | | | 946. | | | 140 24 MAY 72 |
| 24 MAY 72 2000 | 5,840. | | | 5,820. | | | 946. | | | 200 24 MAY 72 |
| 25 MAY 72 200 | 5,870. | | | 5,850. | | | 946. | | | 20 25 MAY 72 |
| 25 MAY 72 800 | 5,900. | | | 5,870. | | | 946. | | | 80 25 MAY 72 |
| 25 MAY 72 1400 | 5,920. | | | 5,900. | | | 945. | | | 140 25 MAY 72 |
| 25 MAY 72 2000 | 5,950. | | | 5,930. | | | 945. | | | 200 25 MAY 72 |
| 26 MAY 72 200 | 5,980. | | | 5,960. | | | 945. | | | 20 26 MAY 72 |
| 26 MAY 72 800 | 6,000. | | | 5,980. | | | 945. | | | 80 26 MAY 72 |
| 26 MAY 72 1400 | 6,030. | | | 6,010. | | | 945. | | | 140 26 MAY 72 |
| 26 MAY 72 2000 | 6,050. | | | 6,030. | | | 945. | | | 200 26 MAY 72 |
| 27 MAY 72 200 | 6,080. | | | 6,060. | | | 944. | | | 20 27 MAY 72 |
| 27 MAY 72 800 | 6,100. | | | 6,080. | | | 944. | | | 80 27 MAY 72 |
| 27 MAY 72 1400 | 6,130. | | | 6,110. | | | 944. | | | 140 27 MAY 72 |
| 27 MAY 72 2000 | 6,150. | | | 6,130. | | | 944. | | | 200 27 MAY 72 |
| 28 MAY 72 200 | 6,170. | | | 6,150. | | | 944. | | | 20 28 MAY 72 |
| 28 MAY 72 800 | 6,190. | | | 6,180. | | | 943. | | | 80 28 MAY 72 |
| 28 MAY 72 1400 | 6,220. | | | 6,200. | | | 943. | | | 140 28 MAY 72 |
| 28 MAY 72 2000 | 6,240. | | | 6,220. | | | 943. | | | 200 28 MAY 72 |
| 29 MAY 72 200 | 6,260. | | | 6,240. | | | 943. | | | 20 29 MAY 72 |
| 29 MAY 72 800 | 6,280. | | | 6,260. | | | 942. | | | 80 29 MAY 72 |
| 29 MAY 72 1400 | 6,300. | | | 6,280. | | | 942. | | | 140 29 MAY 72 |
| 29 MAY 72 2000 | 6,320. | | | 6,300. | | | 942. | | | 200 29 MAY 72 |
| 30 MAY 72 200 | 6,340. | | | 6,320. | | | 941. | | | 20 30 MAY 72 |
| 30 MAY 72 800 | 6,350. | | | 6,340. | | | 941. | | | 80 30 MAY 72 |
| 30 MAY 72 1400 | 6,370. | | | 6,360. | | | 940. | | | 140 30 MAY 72 |
| 30 MAY 72 2000 | 6,390. | | | 6,380. | | | 940. | | | 200 30 MAY 72 |
| 31 MAY 72 200 | 6,410. | | | 6,390. | | | 940. | | | 20 31 MAY 72 |
| 31 MAY 72 800 | 6,420. | | | 6,410. | | | 939. | | | 80 31 MAY 72 |
| 31 MAY 72 1400 | 6,440. | | | 6,430. | | | 939. | | | 140 31 MAY 72 |
| 31 MAY 72 2000 | 6,460. | | | 6,440. | | | 938. | | | 200 31 MAY 72 |

FORM 1613-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

STATION 40.0 STATION 42.5 STATION 48.0
SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI
400-500 ROUT VEE DAMSITE TO WATANA DAMSITE

| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 JUN 72 200 | 6,470. | | | 6,460. | | | 938. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 6,490. | | | 6,480. | | | 937. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 6,500. | | | 6,490. | | | 937. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 6,520. | | | 6,510. | | | 936. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 6,540. | | | 6,520. | | | 935. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 6,550. | | | 6,530. | | | 935. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 6,560. | | | 6,550. | | | 934. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 6,570. | | | 6,560. | | | 933. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 6,580. | | | 6,570. | | | 932. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 6,600. | | | 6,590. | | | 932. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 6,610. | | | 6,600. | | | 931. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 6,620. | | | 6,610. | | | 930. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 6,640. | | | 6,620. | | | 930. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 6,670. | | | 6,650. | | | 931. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 6,740. | | | 6,690. | | | 938. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 6,850. | | | 6,770. | | | 956. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 7,050. | | | 6,900. | | | 993. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 7,370. | | | 7,130. | | | 1,060. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 7,850. | | | 7,490. | | | 1,180. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 8,580. | | | 8,040. | | | 1,360. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 9,570. | | | 8,830. | | | 1,650. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 10,900. | | | 9,900. | | | 2,060. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 12,600. | | | 11,300. | | | 2,630. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 14,800. | | | 13,200. | | | 3,390. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 17,800. | | | 15,700. | | | 4,360. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 21,800. | | | 19,000. | | | 5,620. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 27,100. | | | 23,500. | | | 7,240. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 34,100. | | | 29,400. | | | 9,270. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 42,600. | | | 37,000. | | | 11,700. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 53,100. | | | 46,400. | | | 14,500. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 65,400. | | | 57,600. | | | 17,400. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 78,600. | | | 70,400. | | | 20,400. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 92,000. | | | 83,700. | | | 23,500. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 105,000. | | | 97,100. | | | 26,500. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 118,000. | | | 110,000. | | | 29,500. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 129,000. | | | 122,000. | | | 32,400. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 141,000. | | | 134,000. | | | 35,200. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 151,000. | | | 145,000. | | | 38,100. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 161,000. | | | 156,000. | | | 41,100. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 170,000. | | | 165,000. | | | 44,200. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 178,000. | | | 174,000. | | | 47,200. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 184,000. | | | 180,000. | | | 49,900. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 189,000. | | | 186,000. | | | 52,100. | | | 140 11 JUN 72 |

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 40.0 SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 42.5 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 48.0 WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 JUN 72 2000 | 195,000. | | | 192,000. | | | 54,100. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 199,000. | | | 197,000. | | | 56,400. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 199,000. | | | 199,000. | | | 58,800. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 198,000. | | | 198,000. | | | 60,100. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 198,000. | | | 198,000. | | | 60,500. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 199,000. | | | 198,000. | | | 60,600. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 196,000. | | | 198,000. | | | 60,800. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 195,000. | | | 196,000. | | | 60,800. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 196,000. | | | 195,000. | | | 60,600. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 198,000. | | | 197,000. | | | 61,400. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 196,000. | | | 197,000. | | | 63,000. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 195,000. | | | 196,000. | | | 64,000. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 198,000. | | | 197,000. | | | 64,500. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 203,000. | | | 200,000. | | | 65,900. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 207,000. | | | 205,000. | | | 68,500. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 211,000. | | | 208,000. | | | 71,100. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 221,000. | | | 215,000. | | | 74,100. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 233,000. | | | 226,000. | | | 79,000. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 238,000. | | | 235,000. | | | 85,200. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 236,000. | | | 237,000. | | | 89,200. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 228,000. | | | 232,000. | | | 88,400. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 221,000. | | | 225,000. | | | 83,800. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 216,000. | | | 219,000. | | | 78,200. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 210,000. | | | 213,000. | | | 73,100. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 203,000. | | | 207,000. | | | 68,500. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 195,000. | | | 199,000. | | | 64,100. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 186,000. | | | 191,000. | | | 59,600. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 178,000. | | | 182,000. | | | 55,300. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 170,000. | | | 174,000. | | | 51,200. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 163,000. | | | 167,000. | | | 47,700. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 160,000. | | | 162,000. | | | 45,100. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 158,000. | | | 159,000. | | | 43,800. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 158,000. | | | 158,000. | | | 43,900. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 159,000. | | | 158,000. | | | 45,100. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 160,000. | | | 159,000. | | | 47,200. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 161,000. | | | 160,000. | | | 49,500. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 161,000. | | | 161,000. | | | 51,800. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 163,000. | | | 162,000. | | | 53,700. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 166,000. | | | 164,000. | | | 55,500. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 168,000. | | | 166,000. | | | 57,400. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 169,000. | | | 168,000. | | | 59,200. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 170,000. | | | 170,000. | | | 60,900. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 172,000. | | | 171,000. | | | 62,400. | | | 80 22 JUN 72 |

FORM 1413
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 40.0 | | | STATION 42.5 | | | STATION 48.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SUSITNA NR CANTWELL CAL(VEE DAMSITE) 41405M | | | 400-500 ROUT VEE DAMSITE TO WATANA DAMSITE | | | WATANA AND DEADMAN CREEK LOCAL 1045 SQ MI | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 173,000. | | | 172,000. | | | 63,700. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 173,000. | | | 173,000. | | | 64,700. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 172,000. | | | 173,000. | | | 65,400. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 171,000. | | | 171,000. | | | 65,500. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 169,000. | | | 170,000. | | | 65,100. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 167,000. | | | 168,000. | | | 64,200. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 162,000. | | | 164,000. | | | 62,800. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 155,000. | | | 159,000. | | | 60,900. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 149,000. | | | 153,000. | | | 58,100. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 144,000. | | | 147,000. | | | 54,900. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 139,000. | | | 142,000. | | | 51,700. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 132,000. | | | 136,000. | | | 48,500. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 127,000. | | | 130,000. | | | 45,500. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 123,000. | | | 125,000. | | | 42,800. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 118,000. | | | 121,000. | | | 40,500. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 114,000. | | | 116,000. | | | 38,500. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 110,000. | | | 112,000. | | | 36,900. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 107,000. | | | 109,000. | | | 35,500. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 103,000. | | | 105,000. | | | 34,400. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 100,000. | | | 102,000. | | | 33,500. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 97,500. | | | 99,200. | | | 32,600. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 95,000. | | | 96,500. | | | 31,800. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 92,800. | | | 94,100. | | | 31,100. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 90,800. | | | 92,000. | | | 30,500. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 89,100. | | | 90,100. | | | 30,000. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 87,400. | | | 88,400. | | | 29,600. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 85,600. | | | 86,700. | | | 29,200. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 83,600. | | | 84,800. | | | 28,800. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 81,900. | | | 83,000. | | | 28,300. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 80,400. | | | 81,300. | | | 27,800. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 78,600. | | | 79,700. | | | 27,300. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 76,800. | | | 77,900. | | | 26,800. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 75,200. | | | 76,200. | | | 26,200. | | | 140 30 JUN 72 |

FORM 1413-C

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA INFLOW | | STATION 50.1 WATANA OUTFLOW | | | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | |
|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 1,410. | | | 1,500. | 2,215.00 | 10,659,900. | 1,500. | | | 140 1 MAY 72 |
| | | | | 1,410.S | 2,215.00 | 10,659,900. | | | | |
| 1 MAY 72 2000 | 1,410. | | | 1,410. | 2,215.00 | 10,659,900. | 1,460. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 1,430. | | | 1,430. | 2,215.00 | 10,659,900. | 1,430. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 1,490. | | | 1,490. | 2,215.00 | 10,659,900. | 1,450. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 1,610. | | | 1,610. | 2,215.00 | 10,659,900. | 1,530. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 1,800. | | | 1,800. | 2,215.00 | 10,659,900. | 1,670. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 2,040. | | | 2,040. | 2,215.00 | 10,659,900. | 1,880. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 2,330. | | | 2,330. | 2,215.00 | 10,659,900. | 2,140. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 2,610. | | | 2,610. | 2,215.00 | 10,659,900. | 2,420. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 2,850. | | | 2,850. | 2,215.00 | 10,659,900. | 2,680. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 3,030. | | | 3,030. | 2,215.00 | 10,659,900. | 2,900. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 3,160. | | | 3,160. | 2,215.00 | 10,659,900. | 3,070. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 3,250. | | | 3,250. | 2,215.00 | 10,659,900. | 3,190. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 3,310. | | | 3,310. | 2,215.00 | 10,659,900. | 3,270. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 3,360. | | | 3,360. | 2,215.00 | 10,659,900. | 3,330. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 3,400. | | | 3,400. | 2,215.00 | 10,659,900. | 3,370. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 3,420. | | | 3,420. | 2,215.00 | 10,659,900. | 3,400. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 3,450. | | | 3,450. | 2,215.00 | 10,659,900. | 3,430. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 3,470. | | | 3,470. | 2,215.00 | 10,659,900. | 3,460. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 3,500. | | | 3,500. | 2,215.00 | 10,659,900. | 3,480. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 3,520. | | | 3,520. | 2,215.00 | 10,659,900. | 3,510. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 3,540. | | | 3,540. | 2,215.00 | 10,659,900. | 3,530. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 3,560. | | | 3,560. | 2,215.00 | 10,659,900. | 3,550. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 3,590. | | | 3,590. | 2,215.00 | 10,659,900. | 3,570. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 3,610. | | | 3,610. | 2,215.00 | 10,659,900. | 3,590. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 3,630. | | | 3,630. | 2,215.00 | 10,659,900. | 3,620. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 3,650. | | | 3,650. | 2,215.00 | 10,659,900. | 3,640. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 3,680. | | | 3,680. | 2,215.00 | 10,659,900. | 3,660. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 3,700. | | | 3,700. | 2,215.00 | 10,659,900. | 3,680. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 3,720. | | | 3,720. | 2,215.00 | 10,659,900. | 3,710. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 3,750. | | | 3,750. | 2,215.00 | 10,659,900. | 3,730. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 3,780. | | | 3,780. | 2,215.00 | 10,659,900. | 3,760. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 3,800. | | | 3,800. | 2,215.00 | 10,659,900. | 3,790. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 3,830. | | | 3,830. | 2,215.00 | 10,659,900. | 3,810. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 3,870. | | | 3,870. | 2,215.00 | 10,659,900. | 3,850. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 3,910. | | | 3,910. | 2,215.00 | 10,659,900. | 3,880. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 3,940. | | | 3,940. | 2,215.00 | 10,659,900. | 3,920. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 3,990. | | | 3,990. | 2,215.00 | 10,659,900. | 3,960. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 4,030. | | | 4,030. | 2,215.00 | 10,659,900. | 4,000. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 4,070. | | | 4,070. | 2,215.00 | 10,659,900. | 4,050. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 4,120. | | | 4,120. | 2,215.00 | 10,659,900. | 4,090. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 4,170. | | | 4,170. | 2,215.00 | 10,659,900. | 4,140. | | | 200 11 MAY 72 |

FORM 1417-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA INFLOW | | STATION 50.1 WATANA OUTFLOW | | | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | |
|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 200 | 4,210. | | | 4,210. | 2,215.00 | 10,659,900. | 4,180. | | | 20 12 MAY 72 |
| 12 MAY 72 800 | 4,260. | | | 4,260. | 2,215.00 | 10,659,900. | 4,230. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | 4,310. | | | 4,310. | 2,215.00 | 10,659,900. | 4,280. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | 4,360. | | | 4,360. | 2,215.00 | 10,659,900. | 4,330. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | 4,420. | | | 4,420. | 2,215.00 | 10,659,900. | 4,380. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | 4,470. | | | 4,470. | 2,215.00 | 10,659,900. | 4,440. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | 4,520. | | | 4,520. | 2,215.00 | 10,659,900. | 4,490. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | 4,580. | | | 4,580. | 2,215.00 | 10,659,900. | 4,540. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | 4,630. | | | 4,630. | 2,215.00 | 10,659,900. | 4,600. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | 4,690. | | | 4,690. | 2,215.00 | 10,659,900. | 4,650. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | 4,750. | | | 4,750. | 2,215.00 | 10,659,900. | 4,710. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | 4,800. | | | 4,800. | 2,215.00 | 10,659,900. | 4,770. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | 4,860. | | | 4,860. | 2,215.00 | 10,659,900. | 4,830. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | 4,920. | | | 4,920. | 2,215.00 | 10,659,900. | 4,880. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | 4,980. | | | 4,980. | 2,215.00 | 10,659,900. | 4,940. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | 5,040. | | | 5,040. | 2,215.00 | 10,659,900. | 5,000. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | 5,100. | | | 5,100. | 2,215.00 | 10,659,900. | 5,060. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | 5,160. | | | 5,160. | 2,215.00 | 10,659,900. | 5,120. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | 5,220. | | | 5,220. | 2,215.00 | 10,659,900. | 5,180. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | 5,280. | | | 5,280. | 2,215.00 | 10,659,900. | 5,240. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | 5,340. | | | 5,340. | 2,215.00 | 10,659,900. | 5,310. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | 5,400. | | | 5,400. | 2,215.00 | 10,659,900. | 5,370. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | 5,470. | | | 5,470. | 2,215.00 | 10,659,900. | 5,430. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | 5,530. | | | 5,530. | 2,215.00 | 10,659,900. | 5,490. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | 5,590. | | | 5,590. | 2,215.00 | 10,659,900. | 5,550. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | 5,650. | | | 5,650. | 2,215.00 | 10,659,900. | 5,610. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | 5,700. | | | 5,700. | 2,215.00 | 10,659,900. | 5,670. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | 5,760. | | | 5,760. | 2,215.00 | 10,659,900. | 5,730. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | 5,820. | | | 5,820. | 2,215.00 | 10,659,900. | 5,780. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | 5,870. | | | 5,870. | 2,215.00 | 10,659,900. | 5,840. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | 5,930. | | | 5,930. | 2,215.00 | 10,659,900. | 5,900. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | 5,980. | | | 5,980. | 2,215.00 | 10,659,900. | 5,950. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | 6,040. | | | 6,040. | 2,215.00 | 10,659,900. | 6,000. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | 6,090. | | | 6,090. | 2,215.00 | 10,659,900. | 6,050. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | 6,140. | | | 6,140. | 2,215.00 | 10,659,900. | 6,110. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | 6,180. | | | 6,180. | 2,215.00 | 10,659,900. | 6,150. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | 6,230. | | | 6,230. | 2,215.00 | 10,659,900. | 6,200. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | 6,270. | | | 6,270. | 2,215.00 | 10,659,900. | 6,250. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | 6,320. | | | 6,320. | 2,215.00 | 10,659,900. | 6,290. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | 6,360. | | | 6,360. | 2,215.00 | 10,659,900. | 6,330. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | 6,400. | | | 6,400. | 2,215.00 | 10,659,900. | 6,380. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | 6,440. | | | 6,440. | 2,215.00 | 10,659,900. | 6,420. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | 6,480. | | | 6,480. | 2,215.00 | 10,659,900. | 6,450. | | | 140 22 MAY 72 |

FORM 1611-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA INFLOW | | | STATION 50.1 WATANA OUTFLOW | | | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 MAY 72 2000 | 6,510. | | | 6,510. | 2,215.00 | 10,659,900. | 6,490. | | | 200 22 MAY 72 |
| 23 MAY 72 200 | 6,550. | | | 6,550. | 2,215.00 | 10,659,900. | 6,530. | | | 20 23 MAY 72 |
| 23 MAY 72 800 | 6,580. | | | 6,580. | 2,215.00 | 10,659,900. | 6,560. | | | 80 23 MAY 72 |
| 23 MAY 72 1400 | 6,610. | | | 6,610. | 2,215.00 | 10,659,900. | 6,590. | | | 140 23 MAY 72 |
| 23 MAY 72 2000 | 6,650. | | | 6,650. | 2,215.00 | 10,659,900. | 6,630. | | | 200 23 MAY 72 |
| 24 MAY 72 200 | 6,680. | | | 6,680. | 2,215.00 | 10,659,900. | 6,660. | | | 20 24 MAY 72 |
| 24 MAY 72 800 | 6,710. | | | 6,710. | 2,215.00 | 10,659,900. | 6,690. | | | 80 24 MAY 72 |
| 24 MAY 72 1400 | 6,730. | | | 6,730. | 2,215.00 | 10,659,900. | 6,720. | | | 140 24 MAY 72 |
| 24 MAY 72 2000 | 6,760. | | | 6,760. | 2,215.00 | 10,659,900. | 6,750. | | | 200 24 MAY 72 |
| 25 MAY 72 200 | 6,790. | | | 6,790. | 2,215.00 | 10,659,900. | 6,770. | | | 20 25 MAY 72 |
| 25 MAY 72 800 | 6,820. | | | 6,820. | 2,215.00 | 10,659,900. | 6,800. | | | 80 25 MAY 72 |
| 25 MAY 72 1400 | 6,850. | | | 6,850. | 2,215.00 | 10,659,900. | 6,830. | | | 140 25 MAY 72 |
| 25 MAY 72 2000 | 6,870. | | | 6,870. | 2,215.00 | 10,659,900. | 6,860. | | | 200 25 MAY 72 |
| 26 MAY 72 200 | 6,900. | | | 6,900. | 2,215.00 | 10,659,900. | 6,880. | | | 20 26 MAY 72 |
| 26 MAY 72 800 | 6,930. | | | 6,930. | 2,215.00 | 10,659,900. | 6,910. | | | 80 26 MAY 72 |
| 26 MAY 72 1400 | 6,950. | | | 6,950. | 2,215.00 | 10,659,900. | 6,940. | | | 140 26 MAY 72 |
| 26 MAY 72 2000 | 6,980. | | | 6,980. | 2,215.00 | 10,659,900. | 6,960. | | | 200 26 MAY 72 |
| 27 MAY 72 200 | 7,000. | | | 7,000. | 2,215.00 | 10,659,900. | 6,990. | | | 20 27 MAY 72 |
| 27 MAY 72 800 | 7,030. | | | 7,030. | 2,215.00 | 10,659,900. | 7,010. | | | 80 27 MAY 72 |
| 27 MAY 72 1400 | 7,050. | | | 7,050. | 2,215.00 | 10,659,900. | 7,040. | | | 140 27 MAY 72 |
| 27 MAY 72 2000 | 7,080. | | | 7,080. | 2,215.00 | 10,659,900. | 7,060. | | | 200 27 MAY 72 |
| 28 MAY 72 200 | 7,100. | | | 7,100. | 2,215.00 | 10,659,900. | 7,080. | | | 20 28 MAY 72 |
| 28 MAY 72 800 | 7,120. | | | 7,120. | 2,215.00 | 10,659,900. | 7,110. | | | 80 28 MAY 72 |
| 28 MAY 72 1400 | 7,140. | | | 7,140. | 2,215.00 | 10,659,900. | 7,130. | | | 140 28 MAY 72 |
| 28 MAY 72 2000 | 7,160. | | | 7,160. | 2,215.00 | 10,659,900. | 7,150. | | | 200 28 MAY 72 |
| 29 MAY 72 200 | 7,180. | | | 7,180. | 2,215.00 | 10,659,900. | 7,170. | | | 20 29 MAY 72 |
| 29 MAY 72 800 | 7,200. | | | 7,200. | 2,215.00 | 10,659,900. | 7,190. | | | 80 29 MAY 72 |
| 29 MAY 72 1400 | 7,220. | | | 7,220. | 2,215.00 | 10,659,900. | 7,210. | | | 140 29 MAY 72 |
| 29 MAY 72 2000 | 7,240. | | | 7,240. | 2,215.00 | 10,659,900. | 7,230. | | | 200 29 MAY 72 |
| 30 MAY 72 200 | 7,260. | | | 7,260. | 2,215.00 | 10,659,900. | 7,250. | | | 20 30 MAY 72 |
| 30 MAY 72 800 | 7,280. | | | 7,280. | 2,215.00 | 10,659,900. | 7,270. | | | 80 30 MAY 72 |
| 30 MAY 72 1400 | 7,300. | | | 7,300. | 2,215.00 | 10,659,900. | 7,290. | | | 140 30 MAY 72 |
| 30 MAY 72 2000 | 7,320. | | | 7,320. | 2,215.00 | 10,659,900. | 7,310. | | | 200 30 MAY 72 |
| 31 MAY 72 200 | 7,330. | | | 7,330. | 2,215.00 | 10,659,900. | 7,320. | | | 20 31 MAY 72 |
| 31 MAY 72 800 | 7,350. | | | 7,350. | 2,215.00 | 10,659,900. | 7,340. | | | 80 31 MAY 72 |
| 31 MAY 72 1400 | 7,370. | | | 7,370. | 2,215.00 | 10,659,900. | 7,360. | | | 140 31 MAY 72 |
| 31 MAY 72 2000 | 7,380. | | | 7,380. | 2,215.00 | 10,659,900. | 7,370. | | | 200 31 MAY 72 |

FORM 1111-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 WATANA INFLOW | | | STATION 50.1 WATANA OUTFLOW | | | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 7,400. | | | 7,400. | 2,215.00 | 10,659,900. | 7,390. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 7,410. | | | 7,410. | 2,215.00 | 10,659,900. | 7,400. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 7,430. | | | 7,430. | 2,215.00 | 10,659,900. | 7,420. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 7,440. | | | 7,440. | 2,215.00 | 10,659,900. | 7,430. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 7,460. | | | 7,460. | 2,215.00 | 10,659,900. | 7,450. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 7,470. | | | 7,470. | 2,215.00 | 10,659,900. | 7,460. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 7,480. | | | 7,480. | 2,215.00 | 10,659,900. | 7,470. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 7,490. | | | 7,490. | 2,215.00 | 10,659,900. | 7,490. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 7,510. | | | 7,510. | 2,215.00 | 10,659,900. | 7,500. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 7,520. | | | 7,520. | 2,215.00 | 10,659,900. | 7,510. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 7,530. | | | 7,530. | 2,215.00 | 10,659,900. | 7,520. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 7,540. | | | 7,540. | 2,215.00 | 10,659,900. | 7,530. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 7,550. | | | 7,550. | 2,215.00 | 10,659,900. | 7,550. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 7,580. | | | 7,580. | 2,215.00 | 10,659,900. | 7,560. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 7,630. | | | 7,630. | 2,215.00 | 10,659,900. | 7,600. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 7,720. | | | 7,720. | 2,215.00 | 10,659,900. | 7,670. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 7,900. | | | 7,900. | 2,215.00 | 10,659,900. | 7,800. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 8,190. | | | 8,190. | 2,215.00 | 10,659,900. | 8,020. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 8,530. | | | 8,670. | 2,215.00 | 10,659,900. | 8,390. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 9,400. | | | 9,400. | 2,215.00 | 10,659,900. | 8,980. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 10,500. | | | 10,500. | 2,215.00 | 10,659,900. | 9,860. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 12,000. | | | 12,000. | 2,215.00 | 10,659,900. | 11,100. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 14,000. | | | 14,000. | 2,215.00 | 10,659,900. | 12,800. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 16,600. | | | 16,600. | 2,215.00 | 10,659,900. | 15,100. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 20,000. | | | 20,000. | 2,215.00 | 10,659,900. | 18,100. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 24,600. | | | 24,600. | 2,215.00 | 10,659,900. | 22,100. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 30,700. | | | 30,700. | 2,215.00 | 10,659,900. | 27,400. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 38,700. | | | 38,700. | 2,215.00 | 10,659,900. | 34,500. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 48,700. | | | 48,700. | 2,215.00 | 10,659,900. | 43,500. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 60,800. | | | 60,800. | 2,215.00 | 10,659,900. | 54,600. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 75,100. | | | 75,100. | 2,215.00 | 10,659,900. | 67,900. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 90,800. | | | 90,800. | 2,215.00 | 10,659,900. | 82,400. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 107,000. | | | 107,000. | 2,215.00 | 10,659,900. | 98,500. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 124,000. | | | 110,000. | 2,215.07 | 10,663,319. | 108,000. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 140,000. | | | 110,000. | 2,215.29 | 10,673,999. | 110,000. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 155,000. | | | 111,000. | 2,215.67 | 10,692,116. | 111,000. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 169,000. | | | 112,000. | 2,216.20 | 10,717,151. | 112,000. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 183,000. | | | 113,000. | 2,216.85 | 10,748,644. | 113,000. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 197,000. | | | 116,000. | 2,217.63 | 10,786,040. | 114,000. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 209,000. | | | 118,000. | 2,218.53 | 10,828,673. | 117,000. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 221,000. | | | 122,000. | 2,219.31 | 10,875,744. | 120,000. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 230,000. | | | 126,000. | 2,219.96 | 10,926,119. | 124,000. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 238,000. | | | 131,000. | 2,221.90 | 10,978,644. | 128,000. | | | 140 11 JUN 72 |



FORM 1613-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 50.0 WATANA INFLOW FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 50.1 WATANA OUTFLOW FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | STATION 52.5 500-600 ROUT WATANA DAM-DEVILS CANYON DAMSI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 JUN 72 2000 | 246,000. | | | 135,000. | 2,223.66 | 11,032,722. | 133,000. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 253,000. | | | 140,000. | 2,225.07 | 11,088,137. | 137,000. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 257,000. | | | 144,000. | 2,226.37 | 11,144,149. | 142,000. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 258,000. | | | 257,000. | 2,227.03 | 11,172,587. | 199,000. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 259,000. | | | 257,000. | 2,227.05 | 11,173,522. | 256,000. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 259,000. | | | 257,000. | 2,227.08 | 11,174,603. | 257,000. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 258,000. | | | 257,000. | 2,227.10 | 11,175,558. | 257,000. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 256,000. | | | 257,000. | 2,227.10 | 11,175,830. | 257,000. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 256,000. | | | 257,000. | 2,227.10 | 11,175,512. | 257,000. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 258,000. | | | 257,000. | 2,227.10 | 11,175,631. | 257,000. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 260,000. | | | 257,000. | 2,227.12 | 11,176,679. | 257,000. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 260,000. | | | 257,000. | 2,227.16 | 11,178,085. | 257,000. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 261,000. | | | 257,000. | 2,227.20 | 11,179,789. | 257,000. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 266,000. | | | 257,000. | 2,227.27 | 11,182,993. | 257,000. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 273,000. | | | 258,000. | 2,227.41 | 11,188,929. | 258,000. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 280,000. | | | 259,000. | 2,227.61 | 11,197,850. | 258,000. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 289,000. | | | 260,000. | 2,227.90 | 11,210,365. | 259,000. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 305,000. | | | 261,000. | 2,228.32 | 11,228,657. | 260,000. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 321,000. | | | 263,000. | 2,228.90 | 11,253,814. | 262,000. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 326,000. | | | 266,000. | 2,229.57 | 11,282,983. | 264,000. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 320,000. | | | 268,000. | 2,230.18 | 11,310,975. | 267,000. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 308,000. | | | 269,000. | 2,230.64 | 11,333,674. | 269,000. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 297,000. | | | 271,000. | 2,230.96 | 11,348,858. | 270,000. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 286,000. | | | 271,000. | 2,231.16 | 11,360,070. | 271,000. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 275,000. | | | 272,000. | 2,231.25 | 11,364,642. | 271,000. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 263,000. | | | 272,000. | 2,231.23 | 11,363,413. | 272,000. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 250,000. | | | 271,000. | 2,231.08 | 11,356,097. | 272,000. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 238,000. | | | 270,000. | 2,230.82 | 11,342,773. | 271,000. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 226,000. | | | 269,000. | 2,230.44 | 11,323,869. | 270,000. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 215,000. | | | 267,000. | 2,229.96 | 11,300,062. | 268,000. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 207,000. | | | 265,000. | 2,229.33 | 11,272,670. | 266,000. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 203,000. | | | 263,000. | 2,228.66 | 11,243,428. | 264,000. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 202,000. | | | 260,000. | 2,227.98 | 11,213,993. | 261,000. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 203,000. | | | 258,000. | 2,227.33 | 11,185,845. | 259,000. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 206,000. | | | 231,000. | 2,226.88 | 11,166,277. | 244,000. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 210,000. | | | 205,000. | 2,226.77 | 11,161,413. | 218,000. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 213,000. | | | 212,000. | 2,226.80 | 11,162,672. | 209,000. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 216,000. | | | 214,000. | 2,226.81 | 11,163,127. | 213,000. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 219,000. | | | 218,000. | 2,226.83 | 11,163,825. | 216,000. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 224,000. | | | 222,000. | 2,226.85 | 11,164,636. | 220,000. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 227,000. | | | 226,000. | 2,226.86 | 11,165,407. | 224,000. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 230,000. | | | 229,000. | 2,226.88 | 11,166,040. | 228,000. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 233,000. | | | 232,000. | 2,226.89 | 11,166,614. | 231,000. | | | 80 22 JUN 72 |



FORM 1413
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 50.0 MATANA INFLOW | | STATION 50.1 MATANA OUTFLOW | | | STATION 52.5 500-600 ROUT MATANA DAM-DEVILS CANYON DAMSI | | |
|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 236,000. | | | 235,000. | 2,226.90 | 11,167,128. | 234,000. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 238,000. | | | 237,000. | 2,226.91 | 11,167,503. | 236,000. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 238,000. | | | 238,000. | 2,226.92 | 11,167,675. | 237,000. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 237,000. | | | 237,000. | 2,226.91 | 11,167,602. | 238,000. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 235,000. | | | 236,000. | 2,226.91 | 11,167,259. | 237,000. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 232,000. | | | 233,000. | 2,226.89 | 11,166,719. | 234,000. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 227,000. | | | 229,000. | 2,226.88 | 11,165,954. | 231,000. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 220,000. | | | 223,000. | 2,226.85 | 11,164,742. | 226,000. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 211,000. | | | 214,000. | 2,226.81 | 11,163,133. | 219,000. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 202,000. | | | 205,000. | 2,226.77 | 11,161,419. | 210,000. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 193,000. | | | 197,000. | 2,226.73 | 11,159,745. | 201,000. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 185,000. | | | 188,000. | 2,226.69 | 11,158,038. | 193,000. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 176,000. | | | 179,000. | 2,226.65 | 11,156,338. | 184,000. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 168,000. | | | 171,000. | 2,226.62 | 11,154,769. | 175,000. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 161,000. | | | 164,000. | 2,226.58 | 11,153,365. | 168,000. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 155,000. | | | 157,000. | 2,226.56 | 11,152,099. | 161,000. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 149,000. | | | 151,000. | 2,226.53 | 11,150,939. | 154,000. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 144,000. | | | 146,000. | 2,226.51 | 11,149,944. | 149,000. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 140,000. | | | 145,000. | 2,226.47 | 11,148,256. | 146,000. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 136,000. | | | 145,000. | 2,226.39 | 11,144,782. | 145,000. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 132,000. | | | 144,000. | 2,226.26 | 11,139,463. | 144,000. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 128,000. | | | 144,000. | 2,226.10 | 11,132,554. | 144,000. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 125,000. | | | 143,000. | 2,225.91 | 11,124,347. | 143,000. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 123,000. | | | 142,000. | 2,225.70 | 11,115,046. | 143,000. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 120,000. | | | 141,000. | 2,225.46 | 11,104,867. | 142,000. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 118,000. | | | 141,000. | 2,225.21 | 11,093,971. | 141,000. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 116,000. | | | 140,000. | 2,224.94 | 11,082,454. | 140,000. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 114,000. | | | 139,000. | 2,224.63 | 11,070,364. | 139,000. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 111,000. | | | 137,000. | 2,224.30 | 11,057,680. | 138,000. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 109,000. | | | 136,000. | 2,223.96 | 11,044,456. | 137,000. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 107,000. | | | 135,000. | 2,223.61 | 11,030,739. | 136,000. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 105,000. | | | 134,000. | 2,223.24 | 11,016,511. | 135,000. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 102,000. | | | 133,000. | 2,222.80 | 11,001,769. | 133,000. | | | 140 30 JUN 72 |

FORM 1413
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 60.0 DEVIL CANYON INFLOW FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 60.1 DEVIL CANYON OUTFLOW FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 MAY 72 1400 | 280. | | | 1,780. | | | 1,500. | 1,455.00 | 1,091,800. | 140 1 MAY 72 |
| | | | | | | | 1,780.S | 1,455.00 | 1,091,800. | |
| 1 MAY 72 2000 | 281. | | | 1,750. | | | 1,750. | 1,455.00 | 1,091,800. | 200 1 MAY 72 |
| 2 MAY 72 200 | 288. | | | 1,720. | | | 1,720. | 1,455.00 | 1,091,800. | 20 2 MAY 72 |
| 2 MAY 72 800 | 305. | | | 1,760. | | | 1,760. | 1,455.00 | 1,091,800. | 80 2 MAY 72 |
| 2 MAY 72 1400 | 335. | | | 1,870. | | | 1,870. | 1,455.00 | 1,091,800. | 140 2 MAY 72 |
| 2 MAY 72 2000 | 376. | | | 2,050. | | | 2,050. | 1,455.00 | 1,091,800. | 200 2 MAY 72 |
| 3 MAY 72 200 | 426. | | | 2,300. | | | 2,300. | 1,455.00 | 1,091,800. | 20 3 MAY 72 |
| 3 MAY 72 800 | 481. | | | 2,620. | | | 2,620. | 1,455.00 | 1,091,800. | 80 3 MAY 72 |
| 3 MAY 72 1400 | 537. | | | 2,950. | | | 2,950. | 1,455.00 | 1,091,800. | 140 3 MAY 72 |
| 3 MAY 72 2000 | 591. | | | 3,270. | | | 3,270. | 1,455.00 | 1,091,800. | 200 3 MAY 72 |
| 4 MAY 72 200 | 641. | | | 3,540. | | | 3,540. | 1,455.00 | 1,091,800. | 20 4 MAY 72 |
| 4 MAY 72 800 | 687. | | | 3,760. | | | 3,760. | 1,455.00 | 1,091,800. | 80 4 MAY 72 |
| 4 MAY 72 1400 | 727. | | | 3,910. | | | 3,910. | 1,455.00 | 1,091,800. | 140 4 MAY 72 |
| 4 MAY 72 2000 | 762. | | | 4,030. | | | 4,030. | 1,455.00 | 1,091,800. | 200 4 MAY 72 |
| 5 MAY 72 200 | 792. | | | 4,120. | | | 4,120. | 1,455.00 | 1,091,800. | 20 5 MAY 72 |
| 5 MAY 72 800 | 817. | | | 4,190. | | | 4,190. | 1,455.00 | 1,091,800. | 80 5 MAY 72 |
| 5 MAY 72 1400 | 837. | | | 4,240. | | | 4,240. | 1,455.00 | 1,091,800. | 140 5 MAY 72 |
| 5 MAY 72 2000 | 854. | | | 4,290. | | | 4,290. | 1,455.00 | 1,091,800. | 200 5 MAY 72 |
| 6 MAY 72 200 | 867. | | | 4,330. | | | 4,330. | 1,455.00 | 1,091,800. | 20 6 MAY 72 |
| 6 MAY 72 800 | 878. | | | 4,360. | | | 4,360. | 1,455.00 | 1,091,800. | 80 6 MAY 72 |
| 6 MAY 72 1400 | 887. | | | 4,390. | | | 4,390. | 1,455.00 | 1,091,800. | 140 6 MAY 72 |
| 6 MAY 72 2000 | 893. | | | 4,420. | | | 4,420. | 1,455.00 | 1,091,800. | 200 6 MAY 72 |
| 7 MAY 72 200 | 899. | | | 4,450. | | | 4,450. | 1,455.00 | 1,091,800. | 20 7 MAY 72 |
| 7 MAY 72 800 | 903. | | | 4,470. | | | 4,470. | 1,455.00 | 1,091,800. | 80 7 MAY 72 |
| 7 MAY 72 1400 | 906. | | | 4,500. | | | 4,500. | 1,455.00 | 1,091,800. | 140 7 MAY 72 |
| 7 MAY 72 2000 | 908. | | | 4,520. | | | 4,520. | 1,455.00 | 1,091,800. | 200 7 MAY 72 |
| 8 MAY 72 200 | 910. | | | 4,550. | | | 4,550. | 1,455.00 | 1,091,800. | 20 8 MAY 72 |
| 8 MAY 72 800 | 912. | | | 4,570. | | | 4,570. | 1,455.00 | 1,091,800. | 80 8 MAY 72 |
| 8 MAY 72 1400 | 913. | | | 4,600. | | | 4,600. | 1,455.00 | 1,091,800. | 140 8 MAY 72 |
| 8 MAY 72 2000 | 913. | | | 4,620. | | | 4,620. | 1,455.00 | 1,091,800. | 200 8 MAY 72 |
| 9 MAY 72 200 | 914. | | | 4,650. | | | 4,650. | 1,455.00 | 1,091,800. | 20 9 MAY 72 |
| 9 MAY 72 800 | 914. | | | 4,670. | | | 4,670. | 1,455.00 | 1,091,800. | 80 9 MAY 72 |
| 9 MAY 72 1400 | 915. | | | 4,700. | | | 4,700. | 1,455.00 | 1,091,800. | 140 9 MAY 72 |
| 9 MAY 72 2000 | 915. | | | 4,730. | | | 4,730. | 1,455.00 | 1,091,800. | 200 9 MAY 72 |
| 10 MAY 72 200 | 915. | | | 4,760. | | | 4,760. | 1,455.00 | 1,091,800. | 20 10 MAY 72 |
| 10 MAY 72 800 | 915. | | | 4,800. | | | 4,800. | 1,455.00 | 1,091,800. | 80 10 MAY 72 |
| 10 MAY 72 1400 | 915. | | | 4,830. | | | 4,830. | 1,455.00 | 1,091,800. | 140 10 MAY 72 |
| 10 MAY 72 2000 | 915. | | | 4,870. | | | 4,870. | 1,455.00 | 1,091,800. | 200 10 MAY 72 |
| 11 MAY 72 200 | 914. | | | 4,920. | | | 4,920. | 1,455.00 | 1,091,800. | 20 11 MAY 72 |
| 11 MAY 72 800 | 914. | | | 4,960. | | | 4,960. | 1,455.00 | 1,091,800. | 80 11 MAY 72 |
| 11 MAY 72 1400 | 914. | | | 5,000. | | | 5,000. | 1,455.00 | 1,091,800. | 140 11 MAY 72 |
| 11 MAY 72 2000 | 914. | | | 5,050. | | | 5,050. | 1,455.00 | 1,091,800. | 200 11 MAY 72 |



FORM 1411-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 58.0 | | | STATION 60.0 | | | STATION 60.1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | DEVIL CANYON INFLOW | | | DEVIL CANYON OUTFLOW | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 200 | | 914. | | 5,100. | | | 5,100. | 1,455.00 | 1,091,800. | 20 12 MAY 72 |
| 12 MAY 72 800 | | 914. | | 5,150. | | | 5,150. | 1,455.00 | 1,091,800. | 80 12 MAY 72 |
| 12 MAY 72 1400 | | 913. | | 5,190. | | | 5,190. | 1,455.00 | 1,091,800. | 140 12 MAY 72 |
| 12 MAY 72 2000 | | 913. | | 5,240. | | | 5,240. | 1,455.00 | 1,091,800. | 200 12 MAY 72 |
| 13 MAY 72 200 | | 913. | | 5,300. | | | 5,300. | 1,455.00 | 1,091,800. | 20 13 MAY 72 |
| 13 MAY 72 800 | | 913. | | 5,350. | | | 5,350. | 1,455.00 | 1,091,800. | 80 13 MAY 72 |
| 13 MAY 72 1400 | | 913. | | 5,400. | | | 5,400. | 1,455.00 | 1,091,800. | 140 13 MAY 72 |
| 13 MAY 72 2000 | | 913. | | 5,460. | | | 5,460. | 1,455.00 | 1,091,800. | 200 13 MAY 72 |
| 14 MAY 72 200 | | 913. | | 5,510. | | | 5,510. | 1,455.00 | 1,091,800. | 20 14 MAY 72 |
| 14 MAY 72 800 | | 913. | | 5,570. | | | 5,570. | 1,455.00 | 1,091,800. | 80 14 MAY 72 |
| 14 MAY 72 1400 | | 913. | | 5,620. | | | 5,620. | 1,455.00 | 1,091,800. | 140 14 MAY 72 |
| 14 MAY 72 2000 | | 914. | | 5,680. | | | 5,680. | 1,455.00 | 1,091,800. | 200 14 MAY 72 |
| 15 MAY 72 200 | | 914. | | 5,740. | | | 5,740. | 1,455.00 | 1,091,800. | 20 15 MAY 72 |
| 15 MAY 72 800 | | 914. | | 5,800. | | | 5,800. | 1,455.00 | 1,091,800. | 80 15 MAY 72 |
| 15 MAY 72 1400 | | 914. | | 5,860. | | | 5,860. | 1,455.00 | 1,091,800. | 140 15 MAY 72 |
| 15 MAY 72 2000 | | 915. | | 5,920. | | | 5,920. | 1,455.00 | 1,091,800. | 200 15 MAY 72 |
| 16 MAY 72 200 | | 915. | | 5,980. | | | 5,980. | 1,455.00 | 1,091,800. | 20 16 MAY 72 |
| 16 MAY 72 800 | | 915. | | 6,040. | | | 6,040. | 1,455.00 | 1,091,800. | 80 16 MAY 72 |
| 16 MAY 72 1400 | | 916. | | 6,100. | | | 6,100. | 1,455.00 | 1,091,800. | 140 16 MAY 72 |
| 16 MAY 72 2000 | | 916. | | 6,160. | | | 6,160. | 1,455.00 | 1,091,800. | 200 16 MAY 72 |
| 17 MAY 72 200 | | 917. | | 6,220. | | | 6,220. | 1,455.00 | 1,091,800. | 20 17 MAY 72 |
| 17 MAY 72 800 | | 917. | | 6,280. | | | 6,280. | 1,455.00 | 1,091,800. | 80 17 MAY 72 |
| 17 MAY 72 1400 | | 918. | | 6,350. | | | 6,350. | 1,455.00 | 1,091,800. | 140 17 MAY 72 |
| 17 MAY 72 2000 | | 919. | | 6,410. | | | 6,410. | 1,455.00 | 1,091,800. | 200 17 MAY 72 |
| 18 MAY 72 200 | | 919. | | 6,470. | | | 6,470. | 1,455.00 | 1,091,800. | 20 18 MAY 72 |
| 18 MAY 72 800 | | 920. | | 6,530. | | | 6,530. | 1,455.00 | 1,091,800. | 80 18 MAY 72 |
| 18 MAY 72 1400 | | 921. | | 6,590. | | | 6,590. | 1,455.00 | 1,091,800. | 140 18 MAY 72 |
| 18 MAY 72 2000 | | 922. | | 6,650. | | | 6,650. | 1,455.00 | 1,091,800. | 200 18 MAY 72 |
| 19 MAY 72 200 | | 922. | | 6,710. | | | 6,710. | 1,455.00 | 1,091,800. | 20 19 MAY 72 |
| 19 MAY 72 800 | | 923. | | 6,760. | | | 6,760. | 1,455.00 | 1,091,800. | 80 19 MAY 72 |
| 19 MAY 72 1400 | | 924. | | 6,820. | | | 6,820. | 1,455.00 | 1,091,800. | 140 19 MAY 72 |
| 19 MAY 72 2000 | | 925. | | 6,880. | | | 6,880. | 1,455.00 | 1,091,800. | 200 19 MAY 72 |
| 20 MAY 72 200 | | 926. | | 6,930. | | | 6,930. | 1,455.00 | 1,091,800. | 20 20 MAY 72 |
| 20 MAY 72 800 | | 927. | | 6,980. | | | 6,980. | 1,455.00 | 1,091,800. | 80 20 MAY 72 |
| 20 MAY 72 1400 | | 928. | | 7,030. | | | 7,030. | 1,455.00 | 1,091,800. | 140 20 MAY 72 |
| 20 MAY 72 2000 | | 929. | | 7,080. | | | 7,080. | 1,455.00 | 1,091,800. | 200 20 MAY 72 |
| 21 MAY 72 200 | | 931. | | 7,130. | | | 7,130. | 1,455.00 | 1,091,800. | 20 21 MAY 72 |
| 21 MAY 72 800 | | 932. | | 7,180. | | | 7,180. | 1,455.00 | 1,091,800. | 80 21 MAY 72 |
| 21 MAY 72 1400 | | 933. | | 7,220. | | | 7,220. | 1,455.00 | 1,091,800. | 140 21 MAY 72 |
| 21 MAY 72 2000 | | 934. | | 7,270. | | | 7,270. | 1,455.00 | 1,091,800. | 200 21 MAY 72 |
| 22 MAY 72 200 | | 935. | | 7,310. | | | 7,310. | 1,455.00 | 1,091,800. | 20 22 MAY 72 |
| 22 MAY 72 800 | | 936. | | 7,350. | | | 7,350. | 1,455.00 | 1,091,800. | 80 22 MAY 72 |
| 22 MAY 72 1400 | | 938. | | 7,390. | | | 7,390. | 1,455.00 | 1,091,800. | 140 22 MAY 72 |

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 58.0 | | | STATION 60.0 | | | STATION 60.1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | DEVIL CANYON INFLOW | | | DEVIL CANYON OUTFLOW | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | HOUR-DATE |
| 22 MAY 72 2000 | 939. | | | 7,430. | | | 7,430. | 1,455.00 | 1,091,800. | 200 22 MAY 72 |
| 23 MAY 72 200 | 940. | | | 7,470. | | | 7,470. | 1,455.00 | 1,091,800. | 20 23 MAY 72 |
| 23 MAY 72 800 | 942. | | | 7,500. | | | 7,500. | 1,455.00 | 1,091,800. | 80 23 MAY 72 |
| 23 MAY 72 1400 | 943. | | | 7,540. | | | 7,540. | 1,455.00 | 1,091,800. | 140 23 MAY 72 |
| 23 MAY 72 2000 | 944. | | | 7,570. | | | 7,570. | 1,455.00 | 1,091,800. | 200 23 MAY 72 |
| 24 MAY 72 200 | 945. | | | 7,600. | | | 7,600. | 1,455.00 | 1,091,800. | 20 24 MAY 72 |
| 24 MAY 72 800 | 947. | | | 7,630. | | | 7,630. | 1,455.00 | 1,091,800. | 80 24 MAY 72 |
| 24 MAY 72 1400 | 948. | | | 7,670. | | | 7,670. | 1,455.00 | 1,091,800. | 140 24 MAY 72 |
| 24 MAY 72 2000 | 949. | | | 7,700. | | | 7,700. | 1,455.00 | 1,091,800. | 200 24 MAY 72 |
| 25 MAY 72 200 | 951. | | | 7,720. | | | 7,720. | 1,455.00 | 1,091,800. | 20 25 MAY 72 |
| 25 MAY 72 800 | 952. | | | 7,750. | | | 7,750. | 1,455.00 | 1,091,800. | 80 25 MAY 72 |
| 25 MAY 72 1400 | 953. | | | 7,780. | | | 7,780. | 1,455.00 | 1,091,800. | 140 25 MAY 72 |
| 25 MAY 72 2000 | 955. | | | 7,810. | | | 7,810. | 1,455.00 | 1,091,800. | 200 25 MAY 72 |
| 26 MAY 72 200 | 956. | | | 7,840. | | | 7,840. | 1,455.00 | 1,091,800. | 20 26 MAY 72 |
| 26 MAY 72 800 | 957. | | | 7,870. | | | 7,870. | 1,455.00 | 1,091,800. | 80 26 MAY 72 |
| 26 MAY 72 1400 | 959. | | | 7,900. | | | 7,900. | 1,455.00 | 1,091,800. | 140 26 MAY 72 |
| 26 MAY 72 2000 | 960. | | | 7,920. | | | 7,920. | 1,455.00 | 1,091,800. | 200 26 MAY 72 |
| 27 MAY 72 200 | 961. | | | 7,950. | | | 7,950. | 1,455.00 | 1,091,800. | 20 27 MAY 72 |
| 27 MAY 72 800 | 963. | | | 7,980. | | | 7,980. | 1,455.00 | 1,091,800. | 80 27 MAY 72 |
| 27 MAY 72 1400 | 964. | | | 8,000. | | | 8,000. | 1,455.00 | 1,091,800. | 140 27 MAY 72 |
| 27 MAY 72 2000 | 965. | | | 8,030. | | | 8,030. | 1,455.00 | 1,091,800. | 200 27 MAY 72 |
| 28 MAY 72 200 | 966. | | | 8,050. | | | 8,050. | 1,455.00 | 1,091,800. | 20 28 MAY 72 |
| 28 MAY 72 800 | 968. | | | 8,070. | | | 8,070. | 1,455.00 | 1,091,800. | 80 28 MAY 72 |
| 28 MAY 72 1400 | 969. | | | 8,100. | | | 8,100. | 1,455.00 | 1,091,800. | 140 28 MAY 72 |
| 28 MAY 72 2000 | 970. | | | 8,120. | | | 8,120. | 1,455.00 | 1,091,800. | 200 28 MAY 72 |
| 29 MAY 72 200 | 971. | | | 8,140. | | | 8,140. | 1,455.00 | 1,091,800. | 20 29 MAY 72 |
| 29 MAY 72 800 | 972. | | | 8,160. | | | 8,160. | 1,455.00 | 1,091,800. | 80 29 MAY 72 |
| 29 MAY 72 1400 | 974. | | | 8,190. | | | 8,190. | 1,455.00 | 1,091,800. | 140 29 MAY 72 |
| 29 MAY 72 2000 | 975. | | | 8,210. | | | 8,210. | 1,455.00 | 1,091,800. | 200 29 MAY 72 |
| 30 MAY 72 200 | 976. | | | 8,230. | | | 8,230. | 1,455.00 | 1,091,800. | 20 30 MAY 72 |
| 30 MAY 72 800 | 977. | | | 8,250. | | | 8,250. | 1,455.00 | 1,091,800. | 80 30 MAY 72 |
| 30 MAY 72 1400 | 978. | | | 8,270. | | | 8,270. | 1,455.00 | 1,091,800. | 140 30 MAY 72 |
| 30 MAY 72 2000 | 979. | | | 8,280. | | | 8,280. | 1,455.00 | 1,091,800. | 200 30 MAY 72 |
| 31 MAY 72 200 | 980. | | | 8,300. | | | 8,300. | 1,455.00 | 1,091,800. | 20 31 MAY 72 |
| 31 MAY 72 800 | 981. | | | 8,320. | | | 8,320. | 1,455.00 | 1,091,800. | 80 31 MAY 72 |
| 31 MAY 72 1400 | 982. | | | 8,340. | | | 8,340. | 1,455.00 | 1,091,800. | 140 31 MAY 72 |
| 31 MAY 72 2000 | 983. | | | 8,360. | | | 8,360. | 1,455.00 | 1,091,800. | 200 31 MAY 72 |



PRINTED IN U.S.A.

RUN DATE PUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 58.0 | | STATION 60.0 | | STATION 60.1 | | | |
|---|---|---|---|---|---|---|---|---|
| | TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | DEVIL CANYON INFLOW | | DEVIL CANYON OUTFLOW | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 984. | | | 8,370. | | | 8,370. | 1,455.00 | 1,091,800. | 20 1 JUN 72 |
| 1 JUN 72 800 | 984. | | | 8,390. | | | 8,390. | 1,455.00 | 1,091,800. | 80 1 JUN 72 |
| 1 JUN 72 1400 | 985. | | | 8,400. | | | 8,400. | 1,455.00 | 1,091,800. | 140 1 JUN 72 |
| 1 JUN 72 2000 | 986. | | | 8,420. | | | 8,420. | 1,455.00 | 1,091,800. | 200 1 JUN 72 |
| 2 JUN 72 200 | 987. | | | 8,430. | | | 8,430. | 1,455.00 | 1,091,800. | 20 2 JUN 72 |
| 2 JUN 72 800 | 987. | | | 8,450. | | | 8,450. | 1,455.00 | 1,091,800. | 80 2 JUN 72 |
| 2 JUN 72 1400 | 988. | | | 8,460. | | | 8,460. | 1,455.00 | 1,091,800. | 140 2 JUN 72 |
| 2 JUN 72 2000 | 989. | | | 8,480. | | | 8,480. | 1,455.00 | 1,091,800. | 200 2 JUN 72 |
| 3 JUN 72 200 | 989. | | | 8,490. | | | 8,490. | 1,455.00 | 1,091,800. | 20 3 JUN 72 |
| 3 JUN 72 800 | 990. | | | 8,500. | | | 8,500. | 1,455.00 | 1,091,800. | 80 3 JUN 72 |
| 3 JUN 72 1400 | 990. | | | 8,510. | | | 8,510. | 1,455.00 | 1,091,800. | 140 3 JUN 72 |
| 3 JUN 72 2000 | 991. | | | 8,520. | | | 8,520. | 1,455.00 | 1,091,800. | 200 3 JUN 72 |
| 4 JUN 72 200 | 992. | | | 8,540. | | | 8,540. | 1,455.00 | 1,091,800. | 20 4 JUN 72 |
| 4 JUN 72 800 | 995. | | | 8,560. | | | 8,560. | 1,455.00 | 1,091,800. | 80 4 JUN 72 |
| 4 JUN 72 1400 | 1,000. | | | 8,600. | | | 8,600. | 1,455.00 | 1,091,800. | 140 4 JUN 72 |
| 4 JUN 72 2000 | 1,020. | | | 8,690. | | | 8,690. | 1,455.00 | 1,091,800. | 200 4 JUN 72 |
| 5 JUN 72 200 | 1,060. | | | 8,860. | | | 8,860. | 1,455.00 | 1,091,800. | 20 5 JUN 72 |
| 5 JUN 72 800 | 1,130. | | | 9,150. | | | 9,150. | 1,455.00 | 1,091,800. | 80 5 JUN 72 |
| 5 JUN 72 1400 | 1,240. | | | 9,630. | | | 9,630. | 1,455.00 | 1,091,800. | 140 5 JUN 72 |
| 5 JUN 72 2000 | 1,410. | | | 10,400. | | | 10,400. | 1,455.00 | 1,091,800. | 200 5 JUN 72 |
| 6 JUN 72 200 | 1,660. | | | 11,500. | | | 11,500. | 1,455.00 | 1,091,800. | 20 6 JUN 72 |
| 6 JUN 72 800 | 2,030. | | | 13,100. | | | 13,100. | 1,455.00 | 1,091,800. | 80 6 JUN 72 |
| 6 JUN 72 1400 | 2,520. | | | 15,300. | | | 15,300. | 1,455.00 | 1,091,800. | 140 6 JUN 72 |
| 6 JUN 72 2000 | 3,170. | | | 18,300. | | | 18,300. | 1,455.00 | 1,091,800. | 200 6 JUN 72 |
| 7 JUN 72 200 | 4,010. | | | 22,100. | | | 22,100. | 1,455.00 | 1,091,800. | 20 7 JUN 72 |
| 7 JUN 72 800 | 5,090. | | | 27,200. | | | 27,200. | 1,455.00 | 1,091,800. | 80 7 JUN 72 |
| 7 JUN 72 1400 | 6,470. | | | 33,900. | | | 33,900. | 1,455.00 | 1,091,800. | 140 7 JUN 72 |
| 7 JUN 72 2000 | 8,160. | | | 42,600. | | | 42,600. | 1,455.00 | 1,091,800. | 200 7 JUN 72 |
| 8 JUN 72 200 | 10,100. | | | 53,600. | | | 53,600. | 1,455.00 | 1,091,800. | 20 8 JUN 72 |
| 8 JUN 72 800 | 12,300. | | | 66,900. | | | 66,900. | 1,455.00 | 1,091,800. | 80 8 JUN 72 |
| 8 JUN 72 1400 | 14,500. | | | 82,400. | | | 82,400. | 1,455.00 | 1,091,800. | 140 8 JUN 72 |
| 8 JUN 72 2000 | 16,700. | | | 99,100. | | | 99,100. | 1,455.00 | 1,091,800. | 200 8 JUN 72 |
| 9 JUN 72 200 | 18,800. | | | 117,000. | | | 117,000. | 1,455.00 | 1,091,800. | 20 9 JUN 72 |
| 9 JUN 72 800 | 20,900. | | | 129,000. | | | 129,000. | 1,455.00 | 1,091,800. | 80 9 JUN 72 |
| 9 JUN 72 1400 | 22,900. | | | 133,000. | | | 133,000. | 1,455.00 | 1,091,800. | 140 9 JUN 72 |
| 9 JUN 72 2000 | 24,700. | | | 135,000. | | | 135,000. | 1,455.00 | 1,091,800. | 200 9 JUN 72 |
| 10 JUN 72 200 | 26,400. | | | 138,000. | | | 138,000. | 1,455.00 | 1,091,800. | 20 10 JUN 72 |
| 10 JUN 72 800 | 28,100. | | | 141,000. | | | 140,000. | 1,455.02 | 1,092,003. | 80 10 JUN 72 |
| 10 JUN 72 1400 | 29,900. | | | 144,000. | | | 141,000. | 1,455.16 | 1,093,166. | 140 10 JUN 72 |
| 10 JUN 72 2000 | 31,800. | | | 149,000. | | | 142,000. | 1,455.47 | 1,095,860. | 200 10 JUN 72 |
| 11 JUN 72 200 | 33,600. | | | 154,000. | | | 144,000. | 1,455.95 | 1,100,048. | 20 11 JUN 72 |
| 11 JUN 72 800 | 35,100. | | | 159,000. | | | 146,000. | 1,456.59 | 1,105,653. | 80 11 JUN 72 |
| 11 JUN 72 1400 | 36,300. | | | 165,000. | | | 150,000. | 1,457.38 | 1,112,524. | 140 11 JUN 72 |



FORM 1211-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 58.0 | | | STATION 60.0 | | | STATION 60.1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | | DEVIL CANYON INFLOW | | | DEVIL CANYON OUTFLOW | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 37,300. | | | 170,000. | | | 153,000. | 1,458.29 | 1,120,423. | 200 11 JUN 72 |
| 12 JUN 72 200 | 38,600. | | | 176,000. | | | 153,000. | 1,459.30 | 1,129,231. | 20 12 JUN 72 |
| 12 JUN 72 800 | 39,800. | | | 182,000. | | | 162,000. | 1,460.40 | 1,138,811. | 80 12 JUN 72 |
| 12 JUN 72 1400 | 40,500. | | | 240,000. | | | 173,000. | 1,462.88 | 1,160,454. | 140 12 JUN 72 |
| 12 JUN 72 2000 | 40,500. | | | 297,000. | | | 226,000. | 1,466.81 | 1,194,728. | 200 12 JUN 72 |
| 13 JUN 72 200 | 40,400. | | | 297,000. | | | 321,000. | 1,468.15 | 1,206,396. | 20 13 JUN 72 |
| 13 JUN 72 800 | 40,300. | | | 297,000. | | | 314,000. | 1,466.99 | 1,196,340. | 80 13 JUN 72 |
| 13 JUN 72 1400 | 40,000. | | | 297,000. | | | 291,000. | 1,466.69 | 1,193,770. | 140 13 JUN 72 |
| 13 JUN 72 2000 | 39,800. | | | 297,000. | | | 298,000. | 1,466.82 | 1,194,830. | 200 13 JUN 72 |
| 14 JUN 72 200 | 40,000. | | | 297,000. | | | 294,000. | 1,466.87 | 1,195,286. | 20 14 JUN 72 |
| 14 JUN 72 800 | 40,800. | | | 298,000. | | | 288,000. | 1,467.22 | 1,198,329. | 80 14 JUN 72 |
| 14 JUN 72 1400 | 41,200. | | | 298,000. | | | 315,000. | 1,467.00 | 1,196,373. | 140 14 JUN 72 |
| 14 JUN 72 2000 | 41,300. | | | 298,000. | | | 290,000. | 1,466.76 | 1,194,317. | 200 14 JUN 72 |
| 15 JUN 72 200 | 42,000. | | | 299,000. | | | 306,000. | 1,466.82 | 1,194,822. | 20 15 JUN 72 |
| 15 JUN 72 800 | 43,300. | | | 301,000. | | | 270,000. | 1,467.51 | 1,200,850. | 80 15 JUN 72 |
| 15 JUN 72 1400 | 44,800. | | | 303,000. | | | 320,000. | 1,467.92 | 1,204,376. | 140 15 JUN 72 |
| 15 JUN 72 2000 | 46,500. | | | 306,000. | | | 317,000. | 1,467.12 | 1,197,461. | 200 15 JUN 72 |
| 16 JUN 72 200 | 49,400. | | | 310,000. | | | 295,000. | 1,467.22 | 1,198,292. | 20 16 JUN 72 |
| 16 JUN 72 800 | 53,100. | | | 315,000. | | | 318,000. | 1,467.55 | 1,201,159. | 80 16 JUN 72 |
| 16 JUN 72 1400 | 55,500. | | | 320,000. | | | 318,000. | 1,467.52 | 1,200,882. | 140 16 JUN 72 |
| 16 JUN 72 2000 | 55,000. | | | 322,000. | | | 319,000. | 1,467.65 | 1,202,090. | 200 16 JUN 72 |
| 17 JUN 72 200 | 52,100. | | | 321,000. | | | 319,000. | 1,467.78 | 1,203,221. | 20 17 JUN 72 |
| 17 JUN 72 800 | 48,600. | | | 319,000. | | | 319,000. | 1,467.81 | 1,203,407. | 80 17 JUN 72 |
| 17 JUN 72 1400 | 45,400. | | | 316,000. | | | 319,000. | 1,467.70 | 1,202,514. | 140 17 JUN 72 |
| 17 JUN 72 2000 | 42,500. | | | 314,000. | | | 318,000. | 1,467.50 | 1,200,712. | 200 17 JUN 72 |
| 18 JUN 72 200 | 39,700. | | | 311,000. | | | 317,000. | 1,467.21 | 1,198,252. | 20 18 JUN 72 |
| 18 JUN 72 800 | 36,800. | | | 308,000. | | | 307,000. | 1,467.09 | 1,197,224. | 80 18 JUN 72 |
| 18 JUN 72 1400 | 34,000. | | | 305,000. | | | 307,000. | 1,467.07 | 1,197,000. | 140 18 JUN 72 |
| 18 JUN 72 2000 | 31,400. | | | 301,000. | | | 306,000. | 1,466.87 | 1,195,270. | 200 18 JUN 72 |
| 19 JUN 72 200 | 29,200. | | | 297,000. | | | 299,000. | 1,466.68 | 1,193,616. | 20 19 JUN 72 |
| 19 JUN 72 800 | 27,500. | | | 294,000. | | | 247,000. | 1,467.96 | 1,204,773. | 80 19 JUN 72 |
| 19 JUN 72 1400 | 26,500. | | | 290,000. | | | 322,000. | 1,468.40 | 1,208,564. | 140 19 JUN 72 |
| 19 JUN 72 2000 | 26,400. | | | 288,000. | | | 307,000. | 1,466.96 | 1,196,035. | 200 19 JUN 72 |
| 20 JUN 72 200 | 26,900. | | | 286,000. | | | 278,000. | 1,466.65 | 1,193,322. | 20 20 JUN 72 |
| 20 JUN 72 800 | 27,700. | | | 272,000. | | | 279,000. | 1,466.68 | 1,193,634. | 80 20 JUN 72 |
| 20 JUN 72 1400 | 28,700. | | | 247,000. | | | 272,000. | 1,465.78 | 1,185,689. | 140 20 JUN 72 |
| 20 JUN 72 2000 | 29,600. | | | 238,000. | | | 189,000. | 1,466.47 | 1,191,740. | 200 20 JUN 72 |
| 21 JUN 72 200 | 30,200. | | | 243,000. | | | 284,000. | 1,466.73 | 1,194,005. | 20 21 JUN 72 |
| 21 JUN 72 800 | 30,500. | | | 247,000. | | | 212,000. | 1,466.55 | 1,192,434. | 80 21 JUN 72 |
| 21 JUN 72 1400 | 30,900. | | | 251,000. | | | 279,000. | 1,466.71 | 1,193,900. | 140 21 JUN 72 |
| 21 JUN 72 2000 | 31,200. | | | 255,000. | | | 214,000. | 1,467.07 | 1,196,985. | 200 21 JUN 72 |
| 22 JUN 72 200 | 31,300. | | | 259,000. | | | 307,000. | 1,466.86 | 1,195,161. | 20 22 JUN 72 |
| 22 JUN 72 800 | 31,400. | | | 262,000. | | | 219,000. | 1,466.70 | 1,193,780. | 80 22 JUN 72 |

FORM 1113

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 58.0 TSUSENA AND DEVIL CREEK LOCAL 628 SQ MI | | STATION 60.0 DEVIL CANYON INFLOW | | STATION 60.1 DEVIL CANYON OUTFLOW | | | |
|---|---|---|---|---|---|---|---|---|
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | ELEVATION FEET-MSL | STORAGE ACRE-FEET | HOUR-DATE |
| 22 JUN 72 1400 | 31,400. | | | 265,000. | | | 299,000. | 1,466.95 | 1,195,925. | 140 22 JUN 72 |
| 22 JUN 72 2000 | 31,400. | | | 267,000. | | | 273,000. | 1,465.83 | 1,186,172. | 200 22 JUN 72 |
| 23 JUN 72 200 | 31,300. | | | 269,000. | | | 268,000. | 1,465.69 | 1,184,936. | 20 23 JUN 72 |
| 23 JUN 72 800 | 31,100. | | | 269,000. | | | 269,000. | 1,465.70 | 1,184,998. | 80 23 JUN 72 |
| 23 JUN 72 1400 | 30,700. | | | 267,000. | | | 268,000. | 1,465.68 | 1,184,847. | 140 23 JUN 72 |
| 23 JUN 72 2000 | 30,200. | | | 265,000. | | | 266,000. | 1,465.64 | 1,184,462. | 200 23 JUN 72 |
| 24 JUN 72 200 | 29,600. | | | 261,000. | | | 213,000. | 1,466.95 | 1,195,960. | 20 24 JUN 72 |
| 24 JUN 72 800 | 28,700. | | | 255,000. | | | 308,000. | 1,466.79 | 1,194,597. | 80 24 JUN 72 |
| 24 JUN 72 1400 | 27,500. | | | 246,000. | | | 201,000. | 1,466.58 | 1,192,699. | 140 24 JUN 72 |
| 24 JUN 72 2000 | 26,100. | | | 236,000. | | | 278,000. | 1,466.66 | 1,193,440. | 200 24 JUN 72 |
| 25 JUN 72 200 | 24,700. | | | 226,000. | | | 190,000. | 1,466.48 | 1,191,884. | 20 25 JUN 72 |
| 25 JUN 72 800 | 23,400. | | | 216,000. | | | 229,000. | 1,467.12 | 1,197,465. | 80 25 JUN 72 |
| 25 JUN 72 1400 | 22,100. | | | 206,000. | | | 205,000. | 1,466.77 | 1,194,390. | 140 25 JUN 72 |
| 25 JUN 72 2000 | 20,900. | | | 196,000. | | | 204,000. | 1,466.57 | 1,192,674. | 200 25 JUN 72 |
| 26 JUN 72 200 | 19,900. | | | 187,000. | | | 188,000. | 1,466.33 | 1,190,565. | 20 26 JUN 72 |
| 26 JUN 72 800 | 19,000. | | | 180,000. | | | 187,000. | 1,466.11 | 1,188,623. | 80 26 JUN 72 |
| 26 JUN 72 1400 | 18,200. | | | 173,000. | | | 185,000. | 1,465.57 | 1,183,866. | 140 26 JUN 72 |
| 26 JUN 72 2000 | 17,500. | | | 166,000. | | | 181,000. | 1,464.81 | 1,177,247. | 200 26 JUN 72 |
| 27 JUN 72 200 | 17,000. | | | 163,000. | | | 178,000. | 1,463.96 | 1,169,847. | 20 27 JUN 72 |
| 27 JUN 72 800 | 16,500. | | | 161,000. | | | 174,000. | 1,463.17 | 1,162,935. | 80 27 JUN 72 |
| 27 JUN 72 1400 | 16,000. | | | 160,000. | | | 171,000. | 1,462.50 | 1,157,089. | 140 27 JUN 72 |
| 27 JUN 72 2000 | 15,600. | | | 160,000. | | | 169,000. | 1,461.93 | 1,152,156. | 200 27 JUN 72 |
| 28 JUN 72 200 | 15,200. | | | 159,000. | | | 167,000. | 1,461.44 | 1,147,888. | 20 28 JUN 72 |
| 28 JUN 72 800 | 14,900. | | | 158,000. | | | 165,000. | 1,461.01 | 1,144,114. | 80 28 JUN 72 |
| 28 JUN 72 1400 | 14,600. | | | 157,000. | | | 163,000. | 1,460.62 | 1,140,714. | 140 28 JUN 72 |
| 28 JUN 72 2000 | 14,400. | | | 155,000. | | | 162,000. | 1,460.26 | 1,137,575. | 200 28 JUN 72 |
| 29 JUN 72 200 | 14,200. | | | 154,000. | | | 160,000. | 1,459.92 | 1,134,619. | 20 29 JUN 72 |
| 29 JUN 72 800 | 14,000. | | | 153,000. | | | 159,000. | 1,459.59 | 1,131,771. | 80 29 JUN 72 |
| 29 JUN 72 1400 | 13,700. | | | 152,000. | | | 157,000. | 1,459.27 | 1,128,945. | 140 29 JUN 72 |
| 29 JUN 72 2000 | 13,400. | | | 150,000. | | | 156,000. | 1,458.94 | 1,126,098. | 200 29 JUN 72 |
| 30 JUN 72 200 | 13,200. | | | 149,000. | | | 155,000. | 1,458.61 | 1,123,216. | 20 30 JUN 72 |
| 30 JUN 72 800 | 12,900. | | | 147,000. | | | 153,000. | 1,458.27 | 1,120,283. | 80 30 JUN 72 |
| 30 JUN 72 1400 | 12,600. | | | 146,000. | | | 152,000. | 1,457.93 | 1,117,290. | 140 30 JUN 72 |

FORM 1611-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 68.0 | | | STATION 62.5 | | | STATION 70.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 MAY 72 1400 | 154. | | | 1,500. | | | 1,650. | | | 140 1 MAY 72 |
| 1 MAY 72 2000 | 155. | | | 1,620. | | | 1,780. | | | 200 1 MAY 72 |
| 2 MAY 72 200 | 160. | | | 1,730. | | | 1,890. | | | 20 2 MAY 72 |
| 2 MAY 72 800 | 175. | | | 1,740. | | | 1,910. | | | 80 2 MAY 72 |
| 2 MAY 72 1400 | 200. | | | 1,810. | | | 2,010. | | | 140 2 MAY 72 |
| 2 MAY 72 2000 | 235. | | | 1,960. | | | 2,190. | | | 200 2 MAY 72 |
| 3 MAY 72 200 | 277. | | | 2,170. | | | 2,450. | | | 20 3 MAY 72 |
| 3 MAY 72 800 | 323. | | | 2,460. | | | 2,780. | | | 80 3 MAY 72 |
| 3 MAY 72 1400 | 371. | | | 2,780. | | | 3,160. | | | 140 3 MAY 72 |
| 3 MAY 72 2000 | 418. | | | 3,110. | | | 3,530. | | | 200 3 MAY 72 |
| 4 MAY 72 200 | 461. | | | 3,410. | | | 3,870. | | | 20 4 MAY 72 |
| 4 MAY 72 800 | 501. | | | 3,650. | | | 4,150. | | | 80 4 MAY 72 |
| 4 MAY 72 1400 | 537. | | | 3,830. | | | 4,370. | | | 140 4 MAY 72 |
| 4 MAY 72 2000 | 568. | | | 3,970. | | | 4,540. | | | 200 4 MAY 72 |
| 5 MAY 72 200 | 595. | | | 4,080. | | | 4,670. | | | 20 5 MAY 72 |
| 5 MAY 72 800 | 618. | | | 4,150. | | | 4,770. | | | 80 5 MAY 72 |
| 5 MAY 72 1400 | 637. | | | 4,210. | | | 4,850. | | | 140 5 MAY 72 |
| 5 MAY 72 2000 | 654. | | | 4,260. | | | 4,920. | | | 200 5 MAY 72 |
| 6 MAY 72 200 | 667. | | | 4,310. | | | 4,970. | | | 20 6 MAY 72 |
| 6 MAY 72 800 | 678. | | | 4,340. | | | 5,020. | | | 80 6 MAY 72 |
| 6 MAY 72 1400 | 688. | | | 4,380. | | | 5,060. | | | 140 6 MAY 72 |
| 6 MAY 72 2000 | 695. | | | 4,410. | | | 5,100. | | | 200 6 MAY 72 |
| 7 MAY 72 200 | 702. | | | 4,430. | | | 5,140. | | | 20 7 MAY 72 |
| 7 MAY 72 800 | 707. | | | 4,460. | | | 5,170. | | | 80 7 MAY 72 |
| 7 MAY 72 1400 | 711. | | | 4,490. | | | 5,200. | | | 140 7 MAY 72 |
| 7 MAY 72 2000 | 715. | | | 4,510. | | | 5,230. | | | 200 7 MAY 72 |
| 8 MAY 72 200 | 718. | | | 4,540. | | | 5,250. | | | 20 8 MAY 72 |
| 8 MAY 72 800 | 720. | | | 4,560. | | | 5,280. | | | 80 8 MAY 72 |
| 8 MAY 72 1400 | 722. | | | 4,580. | | | 5,310. | | | 140 8 MAY 72 |
| 8 MAY 72 2000 | 724. | | | 4,610. | | | 5,330. | | | 200 8 MAY 72 |
| 9 MAY 72 200 | 725. | | | 4,630. | | | 5,360. | | | 20 9 MAY 72 |
| 9 MAY 72 800 | 726. | | | 4,660. | | | 5,390. | | | 80 9 MAY 72 |
| 9 MAY 72 1400 | 727. | | | 4,690. | | | 5,410. | | | 140 9 MAY 72 |
| 9 MAY 72 2000 | 728. | | | 4,710. | | | 5,440. | | | 200 9 MAY 72 |
| 10 MAY 72 200 | 728. | | | 4,750. | | | 5,470. | | | 20 10 MAY 72 |
| 10 MAY 72 800 | 729. | | | 4,780. | | | 5,510. | | | 80 10 MAY 72 |
| 10 MAY 72 1400 | 729. | | | 4,820. | | | 5,540. | | | 140 10 MAY 72 |
| 10 MAY 72 2000 | 729. | | | 4,850. | | | 5,580. | | | 200 10 MAY 72 |
| 11 MAY 72 200 | 729. | | | 4,890. | | | 5,620. | | | 20 11 MAY 72 |
| 11 MAY 72 800 | 729. | | | 4,940. | | | 5,670. | | | 80 11 MAY 72 |
| 11 MAY 72 1400 | 729. | | | 4,980. | | | 5,710. | | | 140 11 MAY 72 |
| 11 MAY 72 2000 | 729. | | | 5,030. | | | 5,760. | | | 200 11 MAY 72 |
| 12 MAY 72 200 | 729. | | | 5,070. | | | 5,800. | | | 20 12 MAY 72 |

FORM 1411-3

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 68.0 | | | STATION 62.5 | | | STATION 70.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 12 MAY 72 800 | | 729. | | 5,120. | | | 5,850. | | | 80 12 MAY 72 |
| 12 MAY 72 1400 | | 729. | | 5,170. | | | 5,900. | | | 140 12 MAY 72 |
| 12 MAY 72 2000 | | 729. | | 5,220. | | | 5,950. | | | 200 12 MAY 72 |
| 13 MAY 72 200 | | 729. | | 5,270. | | | 6,000. | | | 20 13 MAY 72 |
| 13 MAY 72 800 | | 729. | | 5,320. | | | 6,050. | | | 80 13 MAY 72 |
| 13 MAY 72 1400 | | 730. | | 5,380. | | | 6,100. | | | 140 13 MAY 72 |
| 13 MAY 72 2000 | | 730. | | 5,430. | | | 6,160. | | | 200 13 MAY 72 |
| 14 MAY 72 200 | | 730. | | 5,480. | | | 6,210. | | | 20 14 MAY 72 |
| 14 MAY 72 800 | | 730. | | 5,540. | | | 6,270. | | | 80 14 MAY 72 |
| 14 MAY 72 1400 | | 730. | | 5,600. | | | 6,330. | | | 140 14 MAY 72 |
| 14 MAY 72 2000 | | 730. | | 5,650. | | | 6,380. | | | 200 14 MAY 72 |
| 15 MAY 72 200 | | 730. | | 5,710. | | | 6,440. | | | 20 15 MAY 72 |
| 15 MAY 72 800 | | 731. | | 5,770. | | | 6,500. | | | 80 15 MAY 72 |
| 15 MAY 72 1400 | | 731. | | 5,830. | | | 6,560. | | | 140 15 MAY 72 |
| 15 MAY 72 2000 | | 731. | | 5,890. | | | 6,620. | | | 200 15 MAY 72 |
| 16 MAY 72 200 | | 732. | | 5,950. | | | 6,680. | | | 20 16 MAY 72 |
| 16 MAY 72 800 | | 732. | | 6,010. | | | 6,740. | | | 80 16 MAY 72 |
| 16 MAY 72 1400 | | 732. | | 6,070. | | | 6,800. | | | 140 16 MAY 72 |
| 16 MAY 72 2000 | | 733. | | 6,130. | | | 6,860. | | | 200 16 MAY 72 |
| 17 MAY 72 200 | | 733. | | 6,190. | | | 6,920. | | | 20 17 MAY 72 |
| 17 MAY 72 800 | | 734. | | 6,250. | | | 6,990. | | | 80 17 MAY 72 |
| 17 MAY 72 1400 | | 734. | | 6,320. | | | 7,050. | | | 140 17 MAY 72 |
| 17 MAY 72 2000 | | 735. | | 6,380. | | | 7,110. | | | 200 17 MAY 72 |
| 18 MAY 72 200 | | 736. | | 6,440. | | | 7,170. | | | 20 18 MAY 72 |
| 18 MAY 72 800 | | 736. | | 6,500. | | | 7,240. | | | 80 18 MAY 72 |
| 18 MAY 72 1400 | | 737. | | 6,560. | | | 7,300. | | | 140 18 MAY 72 |
| 18 MAY 72 2000 | | 738. | | 6,620. | | | 7,360. | | | 200 18 MAY 72 |
| 19 MAY 72 200 | | 738. | | 6,680. | | | 7,420. | | | 20 19 MAY 72 |
| 19 MAY 72 800 | | 739. | | 6,740. | | | 7,470. | | | 80 19 MAY 72 |
| 19 MAY 72 1400 | | 740. | | 6,790. | | | 7,530. | | | 140 19 MAY 72 |
| 19 MAY 72 2000 | | 741. | | 6,850. | | | 7,590. | | | 200 19 MAY 72 |
| 20 MAY 72 200 | | 741. | | 6,900. | | | 7,640. | | | 20 20 MAY 72 |
| 20 MAY 72 800 | | 742. | | 6,960. | | | 7,700. | | | 80 20 MAY 72 |
| 20 MAY 72 1400 | | 743. | | 7,010. | | | 7,750. | | | 140 20 MAY 72 |
| 20 MAY 72 2000 | | 744. | | 7,060. | | | 7,800. | | | 200 20 MAY 72 |
| 21 MAY 72 200 | | 745. | | 7,110. | | | 7,850. | | | 20 21 MAY 72 |
| 21 MAY 72 800 | | 746. | | 7,160. | | | 7,900. | | | 80 21 MAY 72 |
| 21 MAY 72 1400 | | 747. | | 7,200. | | | 7,950. | | | 140 21 MAY 72 |
| 21 MAY 72 2000 | | 748. | | 7,250. | | | 7,990. | | | 200 21 MAY 72 |
| 22 MAY 72 200 | | 749. | | 7,290. | | | 8,040. | | | 20 22 MAY 72 |
| 22 MAY 72 800 | | 750. | | 7,330. | | | 8,080. | | | 80 22 MAY 72 |
| 22 MAY 72 1400 | | 751. | | 7,370. | | | 8,120. | | | 140 22 MAY 72 |
| 22 MAY 72 2000 | | 752. | | 7,410. | | | 8,160. | | | 200 22 MAY 72 |

FORM 1111-2

PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 23 MAY 72 200 | 753. | | | 7,450. | | | 8,200. | | | 20 23 MAY 72 |
| 23 MAY 72 800 | 754. | | | 7,490. | | | 8,240. | | | 80 23 MAY 72 |
| 23 MAY 72 1400 | 755. | | | 7,520. | | | 8,280. | | | 140 23 MAY 72 |
| 23 MAY 72 2000 | 756. | | | 7,550. | | | 8,310. | | | 200 23 MAY 72 |
| 24 MAY 72 200 | 757. | | | 7,590. | | | 8,340. | | | 20 24 MAY 72 |
| 24 MAY 72 800 | 758. | | | 7,620. | | | 8,380. | | | 80 24 MAY 72 |
| 24 MAY 72 1400 | 759. | | | 7,650. | | | 8,410. | | | 140 24 MAY 72 |
| 24 MAY 72 2000 | 760. | | | 7,680. | | | 8,440. | | | 200 24 MAY 72 |
| 25 MAY 72 200 | 761. | | | 7,710. | | | 8,470. | | | 20 25 MAY 72 |
| 25 MAY 72 800 | 762. | | | 7,740. | | | 8,500. | | | 80 25 MAY 72 |
| 25 MAY 72 1400 | 763. | | | 7,770. | | | 8,530. | | | 140 25 MAY 72 |
| 25 MAY 72 2000 | 765. | | | 7,800. | | | 8,560. | | | 200 25 MAY 72 |
| 26 MAY 72 200 | 766. | | | 7,830. | | | 8,590. | | | 20 26 MAY 72 |
| 26 MAY 72 800 | 767. | | | 7,850. | | | 8,620. | | | 80 26 MAY 72 |
| 26 MAY 72 1400 | 768. | | | 7,880. | | | 8,650. | | | 140 26 MAY 72 |
| 26 MAY 72 2000 | 769. | | | 7,910. | | | 8,680. | | | 200 26 MAY 72 |
| 27 MAY 72 200 | 770. | | | 7,940. | | | 8,710. | | | 20 27 MAY 72 |
| 27 MAY 72 800 | 771. | | | 7,960. | | | 8,730. | | | 80 27 MAY 72 |
| 27 MAY 72 1400 | 772. | | | 7,990. | | | 8,760. | | | 140 27 MAY 72 |
| 27 MAY 72 2000 | 773. | | | 8,010. | | | 8,790. | | | 200 27 MAY 72 |
| 28 MAY 72 200 | 774. | | | 8,040. | | | 8,810. | | | 20 28 MAY 72 |
| 28 MAY 72 800 | 774. | | | 8,060. | | | 8,840. | | | 80 28 MAY 72 |
| 28 MAY 72 1400 | 775. | | | 8,090. | | | 8,860. | | | 140 28 MAY 72 |
| 28 MAY 72 2000 | 776. | | | 8,110. | | | 8,890. | | | 200 28 MAY 72 |
| 29 MAY 72 200 | 777. | | | 8,130. | | | 8,910. | | | 20 29 MAY 72 |
| 29 MAY 72 800 | 778. | | | 8,150. | | | 8,930. | | | 80 29 MAY 72 |
| 29 MAY 72 1400 | 779. | | | 8,180. | | | 8,950. | | | 140 29 MAY 72 |
| 29 MAY 72 2000 | 780. | | | 8,200. | | | 8,980. | | | 200 29 MAY 72 |
| 30 MAY 72 200 | 780. | | | 8,220. | | | 9,000. | | | 20 30 MAY 72 |
| 30 MAY 72 800 | 781. | | | 8,240. | | | 9,020. | | | 80 30 MAY 72 |
| 30 MAY 72 1400 | 782. | | | 8,260. | | | 9,040. | | | 140 30 MAY 72 |
| 30 MAY 72 2000 | 783. | | | 8,280. | | | 9,060. | | | 200 30 MAY 72 |
| 31 MAY 72 200 | 783. | | | 8,290. | | | 9,080. | | | 20 31 MAY 72 |
| 31 MAY 72 800 | 784. | | | 8,310. | | | 9,100. | | | 80 31 MAY 72 |
| 31 MAY 72 1400 | 785. | | | 8,330. | | | 9,110. | | | 140 31 MAY 72 |
| 31 MAY 72 2000 | 785. | | | 8,350. | | | 9,130. | | | 200 31 MAY 72 |

FORM 1611-3
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 68.0 | | | STATION 62.5 | | | STATION 70.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | SUSITNA R AT GOLD CREEK CALCULATED 6160 SUM | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 1 JUN 72 200 | 786. | | | 8,360. | | | 9,150. | | | 20 1 JUN 72 |
| 1 JUN 72 800 | 786. | | | 8,380. | | | 9,170. | | | 80 1 JUN 72 |
| 1 JUN 72 1400 | 787. | | | 8,400. | | | 9,180. | | | 140 1 JUN 72 |
| 1 JUN 72 2000 | 787. | | | 8,410. | | | 9,200. | | | 200 1 JUN 72 |
| 2 JUN 72 200 | 788. | | | 8,430. | | | 9,210. | | | 20 2 JUN 72 |
| 2 JUN 72 800 | 788. | | | 8,440. | | | 9,230. | | | 80 2 JUN 72 |
| 2 JUN 72 1400 | 789. | | | 8,460. | | | 9,240. | | | 140 2 JUN 72 |
| 2 JUN 72 2000 | 789. | | | 8,470. | | | 9,260. | | | 200 2 JUN 72 |
| 3 JUN 72 200 | 789. | | | 8,480. | | | 9,270. | | | 20 3 JUN 72 |
| 3 JUN 72 800 | 790. | | | 8,490. | | | 9,280. | | | 80 3 JUN 72 |
| 3 JUN 72 1400 | 790. | | | 8,510. | | | 9,300. | | | 140 3 JUN 72 |
| 3 JUN 72 2000 | 790. | | | 8,520. | | | 9,310. | | | 200 3 JUN 72 |
| 4 JUN 72 200 | 791. | | | 8,530. | | | 9,320. | | | 20 4 JUN 72 |
| 4 JUN 72 800 | 793. | | | 8,550. | | | 9,340. | | | 80 4 JUN 72 |
| 4 JUN 72 1400 | 798. | | | 8,560. | | | 9,380. | | | 140 4 JUN 72 |
| 4 JUN 72 2000 | 810. | | | 8,650. | | | 9,460. | | | 200 4 JUN 72 |
| 5 JUN 72 200 | 834. | | | 8,770. | | | 9,610. | | | 20 5 JUN 72 |
| 5 JUN 72 800 | 876. | | | 9,000. | | | 9,880. | | | 80 5 JUN 72 |
| 5 JUN 72 1400 | 947. | | | 9,390. | | | 10,300. | | | 140 5 JUN 72 |
| 5 JUN 72 2000 | 1,060. | | | 10,000. | | | 11,100. | | | 200 5 JUN 72 |
| 6 JUN 72 200 | 1,230. | | | 11,000. | | | 12,200. | | | 20 6 JUN 72 |
| 6 JUN 72 800 | 1,470. | | | 12,300. | | | 13,800. | | | 80 6 JUN 72 |
| 6 JUN 72 1400 | 1,810. | | | 14,200. | | | 16,100. | | | 140 6 JUN 72 |
| 6 JUN 72 2000 | 2,260. | | | 16,800. | | | 19,100. | | | 200 6 JUN 72 |
| 7 JUN 72 200 | 2,840. | | | 20,200. | | | 23,000. | | | 20 7 JUN 72 |
| 7 JUN 72 800 | 3,580. | | | 24,700. | | | 28,300. | | | 80 7 JUN 72 |
| 7 JUN 72 1400 | 4,510. | | | 30,500. | | | 35,100. | | | 140 7 JUN 72 |
| 7 JUN 72 2000 | 5,640. | | | 38,300. | | | 43,900. | | | 200 7 JUN 72 |
| 8 JUN 72 200 | 6,930. | | | 48,100. | | | 55,100. | | | 20 8 JUN 72 |
| 8 JUN 72 800 | 8,300. | | | 60,300. | | | 68,600. | | | 80 8 JUN 72 |
| 8 JUN 72 1400 | 9,660. | | | 74,700. | | | 84,300. | | | 140 8 JUN 72 |
| 8 JUN 72 2000 | 11,000. | | | 90,800. | | | 102,000. | | | 200 8 JUN 72 |
| 9 JUN 72 200 | 12,200. | | | 108,000. | | | 120,000. | | | 20 9 JUN 72 |
| 9 JUN 72 800 | 13,300. | | | 123,000. | | | 137,000. | | | 80 9 JUN 72 |
| 9 JUN 72 1400 | 14,300. | | | 131,000. | | | 145,000. | | | 140 9 JUN 72 |
| 9 JUN 72 2000 | 15,200. | | | 134,000. | | | 149,000. | | | 200 9 JUN 72 |
| 10 JUN 72 200 | 16,100. | | | 137,000. | | | 153,000. | | | 20 10 JUN 72 |
| 10 JUN 72 800 | 17,000. | | | 139,000. | | | 156,000. | | | 80 10 JUN 72 |
| 10 JUN 72 1400 | 17,900. | | | 140,000. | | | 158,000. | | | 140 10 JUN 72 |
| 10 JUN 72 2000 | 18,800. | | | 141,000. | | | 160,000. | | | 200 10 JUN 72 |
| 11 JUN 72 200 | 19,700. | | | 143,000. | | | 162,000. | | | 20 11 JUN 72 |
| 11 JUN 72 800 | 20,300. | | | 145,000. | | | 165,000. | | | 80 11 JUN 72 |
| 11 JUN 72 1400 | 20,800. | | | 148,000. | | | 169,000. | | | 140 11 JUN 72 |

FORM 1413-2
PRINTED IN U.S.A.

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| | STATION 68.0 | | STATION 62.5 | | STATION 70.0 | | |
|---|---|---|---|---|---|---|---|
| | PORTAGE AND GOLD CREEK LOCAL 345 SQ MI | | | | SUSITNA R AT GOLD CREEK CALCULATED 6160 SUM | | |
| | | | 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD | | | | |
| DATE-HOUR | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
| 11 JUN 72 2000 | 21,200. | | | 151,000. | | | 173,000. | | | 200 11 JUN 72 |
| 12 JUN 72 200 | 21,600. | | | 155,000. | | | 177,000. | | | 20 12 JUN 72 |
| 12 JUN 72 800 | 22,100. | | | 160,000. | | | 182,000. | | | 80 12 JUN 72 |
| 12 JUN 72 1400 | 22,200. | | | 167,000. | | | 190,000. | | | 140 12 JUN 72 |
| 12 JUN 72 2000 | 22,000. | | | 199,000. | | | 221,000. | | | 200 12 JUN 72 |
| 13 JUN 72 200 | 21,800. | | | 273,000. | | | 295,000. | | | 20 13 JUN 72 |
| 13 JUN 72 800 | 21,600. | | | 317,000. | | | 339,000. | | | 80 13 JUN 72 |
| 13 JUN 72 1400 | 21,300. | | | 302,000. | | | 324,000. | | | 140 13 JUN 72 |
| 13 JUN 72 2000 | 21,000. | | | 294,000. | | | 315,000. | | | 200 13 JUN 72 |
| 14 JUN 72 200 | 21,000. | | | 296,000. | | | 317,000. | | | 20 14 JUN 72 |
| 14 JUN 72 800 | 21,300. | | | 291,000. | | | 312,000. | | | 80 14 JUN 72 |
| 14 JUN 72 1400 | 21,400. | | | 302,000. | | | 323,000. | | | 140 14 JUN 72 |
| 14 JUN 72 2000 | 21,400. | | | 302,000. | | | 324,000. | | | 200 14 JUN 72 |
| 15 JUN 72 200 | 21,700. | | | 298,000. | | | 320,000. | | | 20 15 JUN 72 |
| 15 JUN 72 800 | 22,400. | | | 288,000. | | | 310,000. | | | 80 15 JUN 72 |
| 15 JUN 72 1400 | 23,100. | | | 295,000. | | | 318,000. | | | 140 15 JUN 72 |
| 15 JUN 72 2000 | 23,900. | | | 318,000. | | | 342,000. | | | 200 15 JUN 72 |
| 16 JUN 72 200 | 25,300. | | | 306,000. | | | 331,000. | | | 20 16 JUN 72 |
| 16 JUN 72 800 | 27,100. | | | 307,000. | | | 334,000. | | | 80 16 JUN 72 |
| 16 JUN 72 1400 | 28,300. | | | 318,000. | | | 346,000. | | | 140 16 JUN 72 |
| 16 JUN 72 2000 | 28,000. | | | 318,000. | | | 346,000. | | | 200 16 JUN 72 |
| 17 JUN 72 200 | 26,600. | | | 319,000. | | | 345,000. | | | 20 17 JUN 72 |
| 17 JUN 72 800 | 24,800. | | | 319,000. | | | 344,000. | | | 80 17 JUN 72 |
| 17 JUN 72 1400 | 23,200. | | | 319,000. | | | 342,000. | | | 140 17 JUN 72 |
| 17 JUN 72 2000 | 21,800. | | | 319,000. | | | 341,000. | | | 200 17 JUN 72 |
| 18 JUN 72 200 | 20,400. | | | 318,000. | | | 338,000. | | | 20 18 JUN 72 |
| 18 JUN 72 800 | 19,000. | | | 312,000. | | | 331,000. | | | 80 18 JUN 72 |
| 18 JUN 72 1400 | 17,700. | | | 307,000. | | | 325,000. | | | 140 18 JUN 72 |
| 18 JUN 72 2000 | 16,400. | | | 307,000. | | | 323,000. | | | 200 18 JUN 72 |
| 19 JUN 72 200 | 15,200. | | | 303,000. | | | 318,000. | | | 20 19 JUN 72 |
| 19 JUN 72 800 | 14,300. | | | 273,000. | | | 287,000. | | | 80 19 JUN 72 |
| 19 JUN 72 1400 | 13,800. | | | 284,000. | | | 298,000. | | | 140 19 JUN 72 |
| 19 JUN 72 2000 | 13,700. | | | 314,000. | | | 328,000. | | | 200 19 JUN 72 |
| 20 JUN 72 200 | 13,900. | | | 292,000. | | | 306,000. | | | 20 20 JUN 72 |
| 20 JUN 72 800 | 14,300. | | | 278,000. | | | 293,000. | | | 80 20 JUN 72 |
| 20 JUN 72 1400 | 14,800. | | | 276,000. | | | 290,000. | | | 140 20 JUN 72 |
| 20 JUN 72 2000 | 15,200. | | | 230,000. | | | 246,000. | | | 200 20 JUN 72 |
| 21 JUN 72 200 | 15,400. | | | 236,000. | | | 252,000. | | | 20 21 JUN 72 |
| 21 JUN 72 800 | 15,600. | | | 248,000. | | | 264,000. | | | 80 21 JUN 72 |
| 21 JUN 72 1400 | 15,800. | | | 246,000. | | | 261,000. | | | 140 21 JUN 72 |
| 21 JUN 72 2000 | 15,900. | | | 247,000. | | | 263,000. | | | 200 21 JUN 72 |
| 22 JUN 72 200 | 16,100. | | | 261,000. | | | 277,000. | | | 20 22 JUN 72 |
| 22 JUN 72 800 | 16,200. | | | 263,000. | | | 280,000. | | | 80 22 JUN 72 |

FORM 1413

PRINTED IN U.S.A.

SUSITNA HEP SPRING PMF

RUN DATE RUN NO. INITIAL DATE, HOUR
0 1 MAY 72 1400

NORTH PACIFIC DIVISION, CORPS OF ENGR.

| DATE-HOUR | STATION 68.0 PORTAGE AND GOLD CREEK LOCAL 345 SQ MI FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 62.5 600-700 ROUT DEVILS CANYON DAM-SUS AT GOLD FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | STATION 70.0 SUSITNA R AT GOLD CREEK CALCULATED 6160 SQM FLOW CFS | GAGE HEIGHT FEET | STORAGE ACRE-FEET | HOUR-DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 22 JUN 72 1400 | 16,300. | | | 259,000. | | | 276,000. | | | 140 22 JUN 72 |
| 22 JUN 72 2000 | 16,400. | | | 286,000. | | | 302,000. | | | 200 22 JUN 72 |
| 23 JUN 72 200 | 16,400. | | | 271,000. | | | 287,000. | | | 20 23 JUN 72 |
| 23 JUN 72 800 | 16,300. | | | 269,000. | | | 285,000. | | | 80 23 JUN 72 |
| 23 JUN 72 1400 | 16,100. | | | 268,000. | | | 284,000. | | | 140 23 JUN 72 |
| 23 JUN 72 2000 | 15,900. | | | 267,000. | | | 283,000. | | | 200 23 JUN 72 |
| 24 JUN 72 200 | 15,600. | | | 240,000. | | | 255,000. | | | 20 24 JUN 72 |
| 24 JUN 72 800 | 15,100. | | | 260,000. | | | 276,000. | | | 80 24 JUN 72 |
| 24 JUN 72 1400 | 14,500. | | | 254,000. | | | 269,000. | | | 140 24 JUN 72 |
| 24 JUN 72 2000 | 13,800. | | | 240,000. | | | 253,000. | | | 200 24 JUN 72 |
| 25 JUN 72 200 | 13,000. | | | 234,000. | | | 247,000. | | | 20 25 JUN 72 |
| 25 JUN 72 800 | 12,500. | | | 210,000. | | | 222,000. | | | 80 25 JUN 72 |
| 25 JUN 72 1400 | 11,600. | | | 217,000. | | | 229,000. | | | 140 25 JUN 72 |
| 25 JUN 72 2000 | 11,000. | | | 204,000. | | | 215,000. | | | 200 25 JUN 72 |
| 26 JUN 72 200 | 10,500. | | | 196,000. | | | 207,000. | | | 20 26 JUN 72 |
| 26 JUN 72 800 | 9,980. | | | 187,000. | | | 197,000. | | | 80 26 JUN 72 |
| 26 JUN 72 1400 | 9,580. | | | 186,000. | | | 195,000. | | | 140 26 JUN 72 |
| 26 JUN 72 2000 | 9,230. | | | 183,000. | | | 192,000. | | | 200 26 JUN 72 |
| 27 JUN 72 200 | 8,940. | | | 179,000. | | | 188,000. | | | 20 27 JUN 72 |
| 27 JUN 72 800 | 8,680. | | | 176,000. | | | 185,000. | | | 80 27 JUN 72 |
| 27 JUN 72 1400 | 8,440. | | | 173,000. | | | 181,000. | | | 140 27 JUN 72 |
| 27 JUN 72 2000 | 8,210. | | | 170,000. | | | 178,000. | | | 200 27 JUN 72 |
| 28 JUN 72 200 | 8,010. | | | 168,000. | | | 176,000. | | | 20 28 JUN 72 |
| 28 JUN 72 800 | 7,840. | | | 166,000. | | | 174,000. | | | 80 28 JUN 72 |
| 28 JUN 72 1400 | 7,690. | | | 164,000. | | | 172,000. | | | 140 28 JUN 72 |
| 28 JUN 72 2000 | 7,560. | | | 162,000. | | | 170,000. | | | 200 28 JUN 72 |
| 29 JUN 72 200 | 7,440. | | | 161,000. | | | 168,000. | | | 20 29 JUN 72 |
| 29 JUN 72 800 | 7,320. | | | 159,000. | | | 167,000. | | | 80 29 JUN 72 |
| 29 JUN 72 1400 | 7,190. | | | 158,000. | | | 165,000. | | | 140 29 JUN 72 |
| 29 JUN 72 2000 | 7,050. | | | 157,000. | | | 164,000. | | | 200 29 JUN 72 |
| 30 JUN 72 200 | 6,900. | | | 155,000. | | | 162,000. | | | 20 30 JUN 72 |
| 30 JUN 72 800 | 6,760. | | | 154,000. | | | 161,000. | | | 80 30 JUN 72 |
| 30 JUN 72 1400 | 6,610. | | | 153,000. | | | 159,000. | | | 140 30 JUN 72 |

EOF..



FORM 1417-3
PRINTED IN U.S.A.