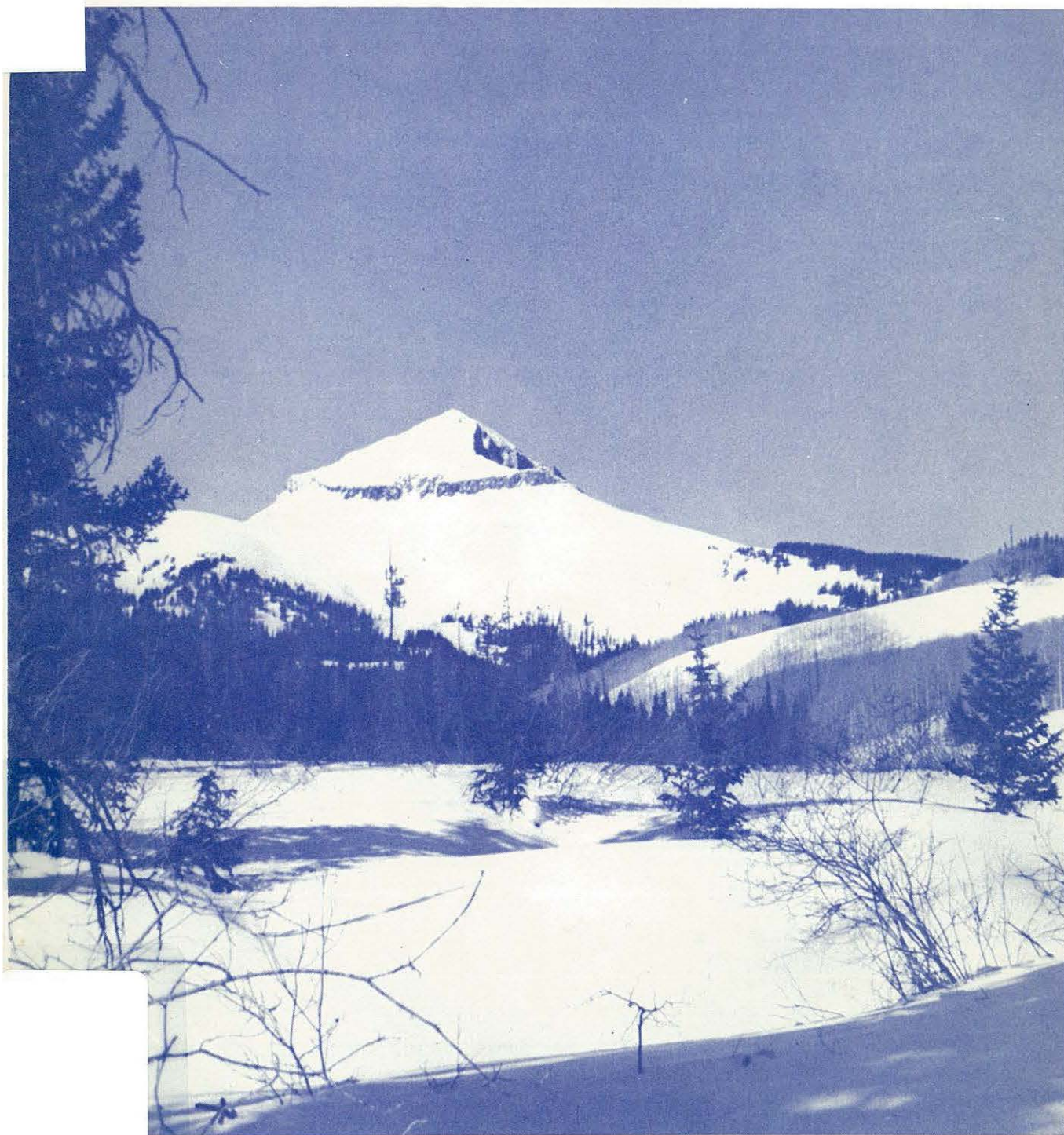


SNOW SURVEYS and WATER SUPPLY OUTLOOK for **ALASKA**



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE
Cooperating with
ALASKA SOIL CONSERVATION DISTRICT

AS OF
FEB. 1, 1982

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: LONE CONE, NEAR NORWOOD, COLORADO, BLANKETED BY ITS WINTER MANTLE OF SNOW.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



FEDERAL - STATE - PRIVATE

SNOW SURVEYS

AND

WATER SUPPLY OUTLOOK

FOR

ALASKA

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WIND DATA IS RADIO TELEMETERED FROM MAX'S MTN. AT GIRDWOOD FOR AVALANCHE CONTROL WORK

ALASKA SUMMARY

AS OF

February 1, 1982

The southern half of Alaska began the winter with the most early season snowfall in recent years. By early December, most of southcentral had a far above average snowpack--but then the weather patterns changed. Very little new moisture fell during December and January except in the southeast. The Juneau area received a record amount of new snowfall for the month of January.

Alaska's snowpack now ranges from twice normal to half normal. The east side of the Talkeetna Range is the maximum for the 18 year period of record. Portions of the North Slope, Brooks Range, central interior and lower Susitna Valley are as much as 50 percent below average. In spite of this, all regions of the State report significantly more snow than last year. Also, well above average percentage wise, are the Kenai Peninsula and portions of the Chugach Range. The Upper Tanana Valley and the Copper River Basin are slightly above average and the Yukon River headwaters in Canada are about average. Southeast, although receiving a great amount of new snow in January, is still below average for February 1st.

The regional summaries are as follows:

Koyukuk Drainage

Snow courses along the Dalton Highway indicate a snowpack that is only half the average near Atigun Pass--then gradually increases percentagewise, traveling south. The Prospect Creek area is slightly below average, while the Thirty Mile course (thirty miles north of the Yukon crossing) is well above average.

Yukon Drainage

Most of the Canadian Yukon snowcover is about average as reported by the Yukon's Department of Indian and Northern Affairs.

Tanana Drainage

The Upper Tanana Valley has an average or better snowcover. The lower Tanana, by contrast, is well below average. The Fairbanks area and Chena Basin are about 30 to 40 percent below normal for February 1st. The break appears to be just north of Delta Junction. The entire Tanana Basin, however, has nearly twice as much snow as this time a year ago.

Copper Drainage

A record breaking snowpack was found along the east side of the Talkeetna Mountains. The areas drained by the Oshetna (which actually drains north into the Susitna River) and Little Nelchina Rivers have the heaviest snowcover in the last 18 years, better than double the normal amount for February 1st, and far ahead of 1972, the next heaviest year. However, such a heavy snowcover seemed to have a limited extent. The Copper Basin floor was found to be about 10 to 15 percent above average, while snow courses along the Richardson and Glenn Highways in the Alaska Range were 15 to 20 percent below average.

Susitna Drainage

The upper Susitna Basin is generally 15 to 25 percent below average (except for the Talkeetna Range - see Copper Drainage above). The Susitna Glacier region is one of the very few locations in the State reporting less snow than a year ago.

The lower Susitna Valley has one of the leanest snowpacks in the State, varying from 15 to 50 percent below normal. The one to two feet of snow is unusually dense, however, as no new snow had been deposited since the Thanksgiving storm which was warm and heavy.

Another notable aspect of the snowpack throughout the Basin was the effect of an unusual amount of northerly wind. Large drifts, scalloped snow and bare ridgetops were much more evident than usual. Airplane landings were not possible at numerous sites as a result.

Upper Cook Inlet

Snow courses in the Ship Creek Drainage indicate a snow cover slightly below average (5-10 percent), but considerably more than last year.

A new network of courses has been established on the west side of Cook Inlet. Known as the Beluga Network, they are located on the Plateau Region between Trading Bay and Beluga Lake, and are drained by the Chuitna River. They are called Trading Bay, Congahbuna Lake, Cole Creek, Chuitna Plateau and Capps Plateau. A Wyoming precipitation gage, known as Botts Creek is also in place. They indicate a very lean and heavily wind blown snowcover.

Kenai Peninsula

A fairly heavy snowpack covered the Kenai Peninsula below 2000 feet on February 1st. Courses along the Seward and Sterling Highways measured 20 to 50 percent above average for their 12 year record period. The pack, below 2000 feet, is also far ahead of last year's measurements. The deepest reportable snow for the State was measured at Bradley Cirque. The measurement was more than 14 feet. The Peninsula also is sporting a few new courses for 1982. Upper Russian Lake, Cooper Lake and Snug Harbor Road are to support the sockeye salmon fishery of the Russian River, Grant Creek and Grant Lake (to be read later) support a hydroelectric power study for Grant Lake, Ski Lake and Turnagain Pass help support the Seward Highway avalanche control work.

Kodiak Island

The Terror Lake Hydroelectric Project, scheduled for start-up of construction this summer, has some new courses too. The Falls Creek site, at 2000 feet, measured nearly 8 feet of depth (probably a modest amount for February 1st for the site.)

Southeast

Juneau received 72 inches of new snow in January, a record for the month. The total winters snowcover for February 1st is far from setting records, however. The snow courses on Douglas Island, opposite Juneau, indicate the low elevation snowpack is well above average--but tapers off percentagewise rapidly with increasing elevation. The Cropley Lake course at 1600 feet elevation is about 20 percent below an average of the last 14 years based on a correlation with the discontinued Douglas Ski Bowl course, whose record began in 1968.

NEW COURSES FOR 1982
(Measured February 1st)

REGION	COURSE	ELEV.	LATITUDE	LONGITUDE
TANANA	Fairbanks	450	64°51'N	147°48'W
COPPER RIVER	Paxson	2650	63°01'N	145°30'W
MATANUSKA/SUSITNA	Little Susitna	1700	61°46'N	149°12'W
	Risley's	930	61°42'N	149°13'W
COOK INLET	Anchorage Hillside	2080	61°06'N	149°41'W
	Botts Creek (Wyo. G.)	1500	61°10'N	151°38'W
	Chuitna Plateau	1540	61°13'N	151°38'W
	Cole Creek	1160	61°09'N	151°32'W
	Congahbuna	500	61°04'N	151°26'W
	Trading Bay	250	61°01'N	151°27'W
KENAI PENINSULA	Cooper Lake	1200	60°23'N	149°41'W
	Grant Creek	700	60°29'N	149°20'W
	Rocky River	250	59°21'N	151°26'W
	Ski Lake	700	60°16'N	149°21'W
	Snug Harbor Road	500	60°24'N	149°41'W
	Turnagain Pass	1050	60°46'N	149°13'W
	Upper Russian Lake	700	60°20'N	149°53'W
KODIAK ISLAND	Falls Creek	1980	57°39'N	152°58'W
	Terror Lake	1450	57°36'N	153°02'W

A few courses have been renamed to represent an important named geographic feature at their location: A feature whose name was not known when the course was established. In a few cases, the name change represents a previous naming error or naming conflict.

<u>REGION</u>	<u>OLD NAME</u>	<u>NEW NAME</u>
KOYUKUK	Bananza Creek	Bonanza Forks
SUSITNA	Chunilna River	Chunilna Creek
TANANA	Delta Junction (Wyo. G.)	Rhoads Creek
KOYUKUK	Dietrich Camp	Disaster Creek
YUKON	Koness Lake	Big Fish Lake
KENAI PENINSULA	Lagoon Creek	Tutka Lagoon
COPPER/SUSITNA	Little Nelchina	Horsepasture Pass
KENAI PENINSULA	Moose Pens	Kenai Moose Pens
YUKON	Nation River	Kandik River
SUSITNA	Oshetna Lake	Square Lake
SUSITNA	Peters Hills	Nugget Bench
KOYUKUK	Prospect Creek Camp	Prospect Airstrip

SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			LAST YEAR		HISTORICAL AVERAGE ⁺		
			Date of Survey	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Years of Previous Record
NAME	Number	Elevation								
AS OF DECEMBER 15, 1981										
<u>KOYUKUK:</u>										
Bonanza Forks	4A09	900	12/11	21	3.9	14	2.1	--	--	1
Coldfoot	4A04	1040	12/11	18	2.9	16	2.8	--	--	1
Prospect Airstrip	4A06	1050	12/11	23	4.0	16	2.4	--	--	1
Table Mountain	4A07	2200	12/10	11	1.6	--	--	--	--	--
<u>YUKON:</u>										
Five Mile	3B16	600	12/11	23	4.5	14	2.1	--	--	1
Thirty Mile	3B16	1350	12/11	32	7.4	20	3.7	--	--	1
<u>KENAI:</u>										
Cooper Lake	New	1200	12/19	39	10.5	--	--	--	--	--
AS OF JANUARY 1, 1982										
<u>KENAI:</u>										
Bertha Creek	2A04	950	1/6	49	13.9	--	--	--	--	--
Fox Creek	2A13	1500	12/27	30	7.5	13	1.7	--	--	4
Kenai Summit	2A06	1390	1/6	40	10.0	--	--	--	--	--
Moose Pass	2A07	700	1/6	19	4.5	--	--	--	--	--
Pass Creek	2A12	1200	12/28	26	6.5	13	2.0	--	--	4
*Resurrection Pass	2A15	2250	12/27	30	8.2	12	1.7	--	--	4
Ski Lake	New	700	1/6	35	10.0	--	--	--	--	--
Turnagain Pass	New	1300	1/6	57	16.7	--	--	--	--	--
<u>SOUTHEAST:</u>										
Cropley Lake	1A03	1650	1/1	29	7.8	32	12.0	--	--	2
Eagle Crest	1A04	1000	1/1	22	5.4	24	7.4	--	--	2
Fish Creek	1A05	500	1/1	9	2.3	20	4.9	--	--	2
Petersburg Reservoir	1A06	550	12/15	6	1.5	--	--	--	--	--
Petersburg Ridge N.	1A07	1600	12/21	24	5.8	--	--	--	--	--
Petersburg Ridge S.	1A08	1650	12/21	27	5.9	--	--	--	--	--
<u>COOK INLET:</u>										
Mt. Alyeska	2B11	1540	1/4	58	21.5	--	--	--	--	1
<u>TANANA:</u>										
Bonanza Creek	3A14	1150	1/5	16	2.1	--	--	--	--	3
Caribou Creek	3A19	1250	1/4	16	2.3	--	--	--	--	3
Caribou Creek S. P.	3A20	900	1/4	15	2.0	--	--	--	--	3
Haystack Mountain	3A18	1950	1/4	22	3.8	--	--	--	--	3
<u>MATANUSKA/SUSITNA:</u>										
Devils Canyon	2C16	1350	1/7	22	4.5	13	2.1	--	--	1
*Jatu Pass	2C37	4500	1/6	40	12.0	NO SURVEY		--	--	1
*Mt. Hayes	2C42	4200	1/6	26	6.5	28	7.8	--	--	1
Tyone River	2C38	2500	1/4	17	3.5	13	1.3	--	--	1
*West Fork Glacier	2C41	5050	1/6	57	17.5	61	19.5	--	--	1
*Effected to some degree by wind										

+ FOR PERIOD OF RECORD

SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			LAST YEAR		HISTORICAL AVERAGE +		
			Date of Survey	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Years of Previous Record
NAME	Number	Elevation								
AS OF FEBRUARY 1, 1982										
<u>KOYUKUK:</u>										
Bonanza Forks	4A09	900	1/28	18	4.0	21	4.0	--	--	1
Coldfoot	4A04	1040	1/27	18	3.5	28	5.2	30	5.7	11
Disaster Creek	4A05	1550	1/27	14	2.0	23	3.9	21	3.3	11
Prospect Airstrip	4A06	1050	1/28	23	4.7	25	4.4	25	4.5	11
Table Mountain	4A07	2200	1/27	12	1.9	25	4.1	22	3.8	10
<u>YUKON:</u>										
Five Mile	3B16	600	1/28	24	5.4	18	2.9	22	4.0	11
Hess Creek	3B21	1000	1/28	21	4.0	17	2.9	--	--	2
Thirty Mile	3B17	1350	1/28	37	9.4	27	5.6	--	--	5
<u>TANANA:</u>										
Big Delta	3A01	980	1/29	10	1.2	8	1.4	14	2.3	22
Bonanza Creek	3A14	1150	1/29	15	2.0	9	2.0	20	3.5	14
Caribou Creek	3A19	1250	1/28	15	2.6	13	2.0	21	3.7	12
Caribou Mine	3A10	1150	NO	SURVEY		11	1.7	25	4.2	16
Caribou Snow Pillow	3A20	900	1/28	14	2.3	13	2.0	20	3.5	12
Cleary Summit	3A02	2230	1/28	18	3.7	15	2.2	24	5.0	22
Colorado Creek	3A11	700	1/28	14	2.8	8	1.2	21	3.7	16
Fairbanks	3A33	450	1/29	13	2.5	--	--	--	--	--
Fielding Lake	3A03	3000	1/28	31	7.4	26	4.6	32	7.4	19
Fort Greely	3A15	1500	1/29	16	3.1	7	1.1	15	2.5	15
French Creek	3A07	1800	1/29	13	2.7	5	0.9	25	4.8	20
Granite Creek	3A12	1240	1/29	18	3.3	7	1.2	15	2.5	14
Haystack Mountain	3A18	1950	1/28	21	3.7	18	3.0	28	5.4	12
Little Chena Bottom	3A27	1460	NO	SURVEY		NO	SURVEY	--	--	1
Little Chena Ridge	3A08	2000	1/27	18	3.3	12	2.2	24	4.7	20
Little Chena Slope	3A26	1100	NO	SURVEY		NO	SURVEY	--	--	1
Little Salcha	3A09	1700	1/29	12	1.8	5	1.0	23	4.2	20
Lower Chena	3A25	2000	1/27	15a	3.0e	NO	SURVEY	--	--	3
Monument Creek	3A21	1850	1/27	17	3.6	8	1.3	19	3.4	8
Mt. Ryan	3A06	2800	1/27	18	3.6	16	2.4	28	5.8	20
Munson Ridge	3A05	3050	1/27	29	6.8	17	3.2	37	9.5	20
Teuchet Creek	3A22	1640	1/27	13	2.2	8	1.0	--	--	3
Tok Junction	3A04	1650	1/28	15	2.6	10	1.2	17	2.8	22
Totchaket	3A31	350	1/20	20	3.8	12	1.5	--	--	2
Upper Chena	3A13	3000	NO	SURVEY		16	3.1	27	6.4	15
Yak Pasture	3A17	600	1/28	15	2.8	13	1.3	20	3.2	22

*Effected to some degree by wind

a - aerial marker reading

e - estimated

+ FOR PERIOD OF RECORD

SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			LAST YEAR		HISTORICAL AVERAGE +		
			Date of Survey	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Years of Previous Record
NAME	Number	Elevation								
COPPER RIVER:										
Haggard Creek	2D03	2540	1/28	16	3.0	15	2.3	24	4.4	17
Mankomen Lake	2D05	3050		DELATED DATA		8	.7	25	4.6	14
Mentasta Pass	2D02	2430	1/28	19	4.1	8	1.4	22	4.4	20
Paxson	New	2650	1/28	25	5.0	--	--	--	--	--
Sanford River	2D06	2280	1/26	22	4.0	14a	2.3e	21	3.7	15
*St. Anne Lake	2D04	1990	1/27	17	4.0	18a	3.1e	20	3.7	18
MATANUSKA/SUSITNA:										
Alexander Lake	2C02	140	1/26	24a	6.0e	18	4.0	34	7.6	18
*Bald Mountain Lake	2C03	2150	1/26	11a	3.0e	18a	3.6e	23	4.5	18
*Chelatna Lake	2C04	1650	1/26	20a	4.8e	20a	4.4e	31	6.8	18
Chunilna Creek	2C24	1750	1/26	21a	4.6e	20a	3.8e	--	--	1
Devils Canyon	2C16	1350	2/6	21	4.2	17a	3.1e	--	--	3
*Dutch Hills	2C28	3100	1/26	53a	16.5e	59a	16.5e	--	--	1
Fog Lakes	2C14	2120	1/27	15a	3.2e	11a	2.0e	24	4.3	12
*Horsepasture Pass	2C15	4300	1/27	33a	8.2e	28a	4.5e	22	3.9	14
*Independence Mine	2B06	3300	1/28	41	12.0	25	5.1	--	--	2
*Jatu Pass	2C37	4500	2/5	43	14.1	NO SURVEY	--	--	--	--
Lake Louise	2C06	2400	1/26	16	3.4	NO SURVEY	--	18	2.8	18
Little Susitna	New	1700	1/28	25	6.0	--	--	--	--	--
*Monahan Flat	2C07	2710	1/27	20a	4.4	24	4.0	27	5.1	18
*Mt. Hayes	2C42	4200	2/5	27	7.3	40	10.2	--	--	1
*Nugget Bench	2C10	2010	1/26	22a	6.0e	39a	8.6e	46	10.2	14
*Ramsdyke Creek	2C29	2220	1/26	28a	7.0e	NO SURVEY	--	--	--	1
Risley's	New	930	1/28	18	4.0	--	--	--	--	--
Skwentna	2C11	160	1/26	18	3.6	21	4.2	33	7.0	15
Square Lake	2C13	2950	1/27	28	5.8	16	2.7	16	2.7	18
Talkeetna	2C12	350	1/26	12	2.7	17	3.7	26	5.6	15
*Tokositna Valley	2C30	850	1/26	25a	6.0e	NO SURVEY	--	--	--	2
Tyone River	2C38	2500	2/3	19	4.1	18	3.0	--	--	1
*W. Fork Glacier	2C41	5050	2/5	62	19.2	94	31.4	--	--	1
Willow Airstrip	2C09	200	2/3	20	4.2	11	1.8	26	5.0	18
COOK INLET:										
Anchorage Hillside	New	2080	1/27	24	5.3	--	--	--	--	--
*Arctic Ski Bowl	2B05	3000	1/29	21	6.1	18	4.4	29	8.5	18
Arctic Valley #1	2B01	500	1/29	12	2.8	2	.4	12	2.4	18
Arctic Valley #2	2B02	1000	NO SURVEY			2	.3	14	2.6	18
Arctic Valley #3	2B03	1450	1/29	21	4.6	16	3.0	22	4.5	18
Arctic Valley #4	2B04	2030	1/29	21	4.9	18	4.0	23	5.1	18
*Bird Creek	2B08	2250	1/25	33	10.1	32	8.1	39	11.2	15
*Chuitna Plateau	New	1540	1/25	24	7.6	--	--	--	--	--
*Cole Creek	New	1160	1/25	13	3.3	--	--	--	--	--
Congahbuna Lake	New	500	1/25	20	5.5	--	--	--	--	--
*Indian Pass	2B10	2350	1/25	44	13.8	52	11.6	51	14.6	15
McArthur	2B07	120	NO SURVEY			19a	4.6e	47	11.6	18
Mt. Alyeska	2B11	1540	1/29	67	22.4	79	22.7	83	24.8	9
*N. Fork Ship Creek	2B16	3600	NO SURVEY			NO SURVEY	--	--	--	--
Point MacKenzie	2B17	200	2/3	12	3.2	0	0.0	--	--	1
Ship Creek	2B09	1750	1/25	22	6.5	16	4.1	30	7.1	15
S. Campbell Creek	2B12	1200	1/27	11	2.1	8	2.1	22	4.4	9
*Trading Bay	New	250	1/25	21	5.8	--	--	--	--	--
*Effected to some degree by wind										
a - aerial marker reading										
e - estimated										

+ FOR PERIOD

SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			LAST YEAR		HISTORICAL AVERAGE +		
			Date of Survey	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Snow Depth (inches)	Water Content (inches)	Years of Previous Record
NAME	Number	Elevation								
<u>KENAI PENINSULA:</u>										
Anchor River Divide	2A18	1600	1/26	29a	7.5e	38	9.1	--	--	1
Bertha Creek	2A04	950	1/28	50	14.2	23	6.1	40	10.3	12
*Bradley Cirque	2A14	3350	1/26	171a	60.0e	120a	42.0e	--	--	2
Bridge Creek, Lower	2A09	1100	1/26	33	8.8	23	6.4	33	8.1	10
Bridge Creek, Upper	2A08	1300	1/26	34	8.6	29	7.3	33	8.2	10
Cooper Lake	New	1200	1/28	40	12.4	--	--	--	--	--
Cytex Creek	2A20	1250	1/26	21a	5.7e	No	Survey	--	--	--
Deep Creek	2A21	600	1/26	26a	6.2e	No	Survey	--	--	--
Demonstration Forest	2A10	780	1/26	24	4.9	11	3.6	23	6.0	6
Eagle Lake	2A19	1400	1/26	25a	6.5e	36a	7.8e	--	--	1
Fox Creek	2A13	1500	1/28	28	7.0	20	4.7	--	--	3
Grant Creek	New	700	1/29	27	7.7	--	--	--	--	--
Jean Lake	2A05	620	1/28	18	4.4	0	0.0	14	2.7	12
Kenai Moose Pens	2A16	300	1/27	12	2.8	0	0.0	--	--	2
Kenai Summit	2A06	1390	1/28	38	10.7	33	8.3	38	9.0	12
Moose Pass	2A06	700	1/28	18	4.8	0	0.0	16	3.6	12
*Nuka River	2A24	1300	1/26	29a	9.5e	45a	13.5e	--	--	1
Pass Creek	2A12	1200	1/27	26	6.6	14	3.8	--	--	3
Portage Valley	2A25	50	1/27	25	6.7	0	0.0	--	--	1
*Ptarmigan Hills	2A11	1200	1/26	33a	8.9e	10a	2.0e	--	--	2
*Resurrection Pass	2A15	2250	1/28	29	8.8	NO	SURVEY	--	--	3
Rocky River	New	250	1/26	9a	2.3e	--	--	--	--	--
Ski Lake	New	700	2/2	42	13.9	--	--	--	--	--
Snug Harbor Road	New	500	1/28	22	6.7	--	--	--	--	--
Trophy Lake	2A26	2000	1/26	39a	10.9e	NO	SURVEY	--	--	1
Turnagain Pass	New	1050	2/2	58	16.7	--	--	--	--	--
*Tutka Bay	2A23	1300	1/26	57a	16.0e	NO	SURVEY	--	--	1
Tutka Lagoon	2A27	650	1/26	36a	10.8	8a	2.0e	--	--	1
Upper Russian Lake	2A31	700	NO	SURVEY	--	--	--	--	--	--
Windy River	2A17	980	1/26	42a	12.5e	4a	1.0e	--	--	2
<u>SOUTHEAST:</u>										
Cropley Lake	1A03	1650	2/1	62	15.5	3	1.0	--	--	3
Eaglecrest	1A04	1000	1/31	57	12.0	0	0.0	--	--	3
Fish Creek	1A05	500	1/31	41	8.2	0	0.0	--	--	3
Petersburg Reservoir	1A06	550	1/18	26	4.9	NO	SURVEY	--	--	2
Petersburg Ridge, N.	1A07	1600	1/29	59	13.3	NO	SURVEY	--	--	3
Petersburg Ridge, S.	1A08	1650	1/29	61	13.9	NO	SURVEY	--	--	3
<u>KODIAK:</u>										
*Falls Creek	New	1980	1/19	94	38.5	--	--	--	--	--
*Terror Lake	New	1450	1/19	39	16.0	--	--	--	--	--
*Effected to some degree by wind a - aerial marker reading e - estimated										

+ FOR PERIOD OF RECORD

PRECIPITATION

DRAINAGE BASIN and/or SITE			Date	Increment Since Last Reading	Accumulative Total	REMARKS	Years of Previous Record
NAME	Number	Elevation					
WYOMING PRECIPITATION GAGES							
<u>NORTH SLOPE:</u>							
Atigun Camp	4B08	3400		DELAYED	DATA		4
Barrow	4B01	25	10/1	INITIAL	READING		6
			10/15	0.4	0.4		
			11/2	0.0	0.4		
			11/16	0.2	0.6		
			12/1	0.2	0.8		
			12/15	0.1	0.9		
			1/5	0.2	1.1		
			1/18	0.0	1.1		
Barter Island	4B09	30		INACTIVE			--
Jago River	4B03	550		INACTIVE			--
Kavik River	4B04	200		INACTIVE			--
Meade River	4B02	50	10/1	INITIAL	READING		6
			12/6	2.5	2.5		
			1/2	0.1	2.6		
Prudhoe Bay	4B05	30	10/4	INITIAL	READING	Some Rime	5
			11/3	1.5	1.5		
			12/8	2.8	4.3		
			1/7	1.1	5.4		
			2/3	0.4	5.8		
<u>KOTZEBUE/NORTON SOUND:</u>							
Candle	4C01	100		INACTIVE			--
Nome Twenty Mile	4C02	250	10/1	INITIAL	READING		1
			11/11	0.8	0.8		
			12/24	2.9	3.7		
<u>YUKON:</u>							
Atigun Pass	3B19	4800		DELAYED	DATA		5
Chandalar Shelf	3B18	3300		DELAYED	DATA		5
<u>TANANA:</u>							
Rhoads Creek	3A32	1225	9/28	INITIAL	READING		1
			11/2	2.1	2.1		
			12/2	0.8	2.9		
			1/28	1.2	4.1		
<u>COOK INLET:</u>							
Botts Creek	2B25	1500	11/1	INITIAL	READING		--
			11/5	3.0	3.0		
			1/25	4.7	7.7		

Following is a list of active course locations and elevations. A complete map will be available pending completion of cartographic services.

AREA 1

Southeast and Kodiak

Active Data Collection Sites

MAP NO.	SITE NAME	COURSE NO.	ELEV.	LATITUDE	LONGITUDE	MEAS. DATES	MEAS. BY
1A	SOUTHEAST						
1A01	Log Cabin (B.C.)	34KK1	2880	59°45'N	134°58'W	3,4,5	a
1A02	Speel River	33JJ3	280	58°09'N	133°43'W	3,4,5,6	e
1A03	Cropley Lake	34JJ2	1650	58°16'N	134°31'W	1,2,3,4,5	a
1A04	Eagle Crest	34JJ3	1000	58°17'N	134°32'W	1,2,3,4,5	a
1A05	Fish Creek	34JJ4	500	58°19'N	134°33'W	1,2,3,4,5	a
1A06	Petersburg Reservoir	32HH1	550	56°47'N	132°56'W	1,2,3,4,7	b
1A07	Petersburg Ridge N	32HH2	1600	56°46'N	132°56'W	1,2,3,4,7	b
1A08	Petersburg Ridge S	32HH3	1650	56°46'N	132°56'W	1,2,3,4,7	b
1B	KODIAK						
1B01	Falls Creek	New	1980	57°38'N	152°58'W	2,3,4,5,6	a
1B02	Terror Lake	New	1450	57°36'N	153°02'W	2,3,4,5,6	a

LEGEND

★ Numerals refer to specific dates:

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★ ★ Letters refer to Agency that secures the snow survey:

- a. Soil Conservation Service
- b. Forest Service
- c. U.S. Army Corps of Engineers
- d. Alaska Power Administration
- e. Bureau of Land Management
- f. U.S. Geological Survey
- g. U.S. Fish and Wildlife Service
- h. R & M Consultants
- i. Alaska Dept. of Transportation
- j. Alaska Dept. of Natural Resources

★ ★ ★ Letters following the snow course number refer to:

- A. Snow Course and Aerial Stadia Marker
- a. Aerial Stadia Marker only
- P. Precipitation Storage Gage
- S. Snow Pillow
- T. Radio Telemetered

AREA 2

South Central

Active Data Collection Sites

MAP NO.	SITE NAME	COURSE NO.	ELEV.	LATITUDE	LONGITUDE	MEAS. DATES	MEAS. BY
2A	KENAI PENINSULA						
2A04	Bertha Creek	49LL2	950	60°45'N	149°14'W	1,2,3,4,5	a,i
2A05	Jean Lake	50LL1	620	60°31'N	150°11'W	2,3,4,5	a
2A06	Kenai Summit	49LL3	1390	60°40'N	149°29'W	1,2,3,4,5	a,i
2A07	Moose Pass	49LL4	700	60°31'N	149°30'W	1,2,3,4,5	a,i
2A08	Bridge Creek (Upper)	51KK1	1300	59°44'N	151°28'W	2,3,4,5	a
2A09	Bridge Creek (Lower)	51KK2	1100	59°41'N	151°33'W	1,2,3,4,5	a
2A10	Demonstration Forest	51KK3	780	59°40'N	151°39'W	2,3,4,5	a
2A11	Ptarmigan Hills	50KK1aPST	1200	59°43'N	150°42'W	2,3,4,5	a
2A12	Pass Creek	49LL5	1200	60°46'N	149°41'W	1,2,3,4	b
2A13	Fox Creek	49LL6	1500	60°44'N	149°43'W	1,2,3,4	b
2A14	Bradley Cirque	50KK2A	3350	59°43'N	150°41'W	2,3,4,5	a
2A15	Resurrection Pass	49LL7	2250	60°41'N	149°45'W	1,2,3,4	b
2A16	Kenai Moose Pens	50LL2S	300	60°44'N	150°28'W	2,3,4,5	a
2A17	Windy River	51KK4A	980	59°25'N	151°28'W	2,3,4,5	a
2A18	Anchor River Divide	51KK5aS	1600	59°52'N	151°19'W	2,3,4,5	a
2A19	Eagle Lake	51KK6	1400	59°50'N	151°08'W	2,3,4,5	a
2A20	Cytex Creek	51KK7a	1250	59°56'N	151°14'W	2,3,4,5	a
2A21	Deep Creek	51KK8a	600	59°58'N	151°28'W	2,3,4,5	a
2A22	Grandview	49LL9	1100	60°36'N	149°04'W	3,4	a
2A23	Tutka Bay	51KK9	1300	59°23'N	151°19'W	2,3,4,5	a
2A24	Nuka River	50KK3A	1300	59°40'N	150°41'W	2,3,4,5	a
2A25	Portage Valley	48LL4	50	60°47'N	148°52'W	1,2,3,4	b
2A26	Trophy Lake	51LL1	2000	60°03'N	151°05'W	2,3,4,5	a
2A27	Tutka Lagoon	51KK10	650	59°25'N	151°22'W	2,3,4,5	a
2A29	Cooper Lake	New	1200	60°23'N	149°41'W	2,3,4,5	a
2A30	Snug Harbor Road	New	500	60°24'N	149°41'W	2,3,4,5	a
2A31	Upper Russian Lake	New	700	60°20'N	149°53'W	2,3,4,5	a,g
2A32	Turnagain Pass	New	1050	60°46'N	149°13'W	1,2,3,4,5	i
2A33	Ski Lake	New	700	60°16'N	149°21'W	1,2,3,4,5	i
2A34	Rocky River	New	250	59°21'N	151°26'W	2,3,4,5	a
2A35	Grant Lake	New	1690	60°27'N	149°10'W	2,3,4,5	h
2A36	Grant Creek	New	700	60°29'N	149°20'W	4	h
2B	COOK INLET						
2B01	Arctic Valley #1	49MM1	500	61°14'N	149°38'W	2,3,4,5	c
2B02	Arctic Valley #2	49MM2	1000	61°14'N	149°37'W	2,3,4,5	c
2B03	Arctic Valley #3	49MM3	1450	61°14'N	149°35'W	2,3,4,5	c
2B04	Arctic Valley #4	49MM4	2030	61°14'N	149°33'W	2,3,4,5	c
2B05	Arctic Ski Bowl	49MM5	3000	61°15'N	149°31'W	2,3,4,5	c
2B06	Independence Mine	49MM10	3300	61°47'N	149°16'W	2,3,4,5	a
2B07	McArthur	52LL1A	120	61°00'N	152°00'W	2,3,4,5	a,h
2B08	Bird Creek	49MM6	2250	61°06'N	149°20'W	2,3,4,5,6	a
2B09	Ship Creek	49MM7PS	1750	61°08'N	149°27'W	2,3,4,5,6	a
2B10	Indian Pass	49MMAPST	2350	61°04'N	149°29'W	2,3,4,5,6	a
2B11	Mt. Alyeska	49LL1PS	1540	61°58'N	149°05'W	1,2,3,4,5,6,7	a
2B12	South Campbell Creek	49MM11	1200	61°09'N	149°42'W	2,3,4,5	a
2B13	Eagles Nest	49MM18	4050	61°08'N	149°01'W	2,3,4,5,6	a
2B14	Gravel Bar	49MM19	3200	61°08'N	149°02'W	2,3,4,5,6	a
2B15	Raven Ridge	49MM20	1200	61°08'N	149°07'W	2,3,4,5,6	a
2B16	N. Fork Ship Creek	49MM21	3600	61°06'N	149°14'W	2,3,4,5	a
2B17	Point MacKenzie	50MM3aS	200	61°23'N	150°04'W	2,3,4,5	a
2B18	Max's Mountain	49LL8WT	3300	60°57'N	149°05'W	7	a
2B19	Trading Bay	51MM2A	250	61°01'N	151°27'W	2,3,4,5	a,h,j
2B20	Congahbuna Lake	51MM3A	500	61°04'N	151°26'W	2,3,4,5	a,h,j
2B21	Cole Creek	51MM4A	1160	61°09'N	151°32'W	2,3,4,5	a,h,j
2B22	Chuitna Plateau	51MM5A	1540	61°13'N	151°38'W	2,3,4,5	a,h,j
2B23	Capps Plateau	51MM6A	2750	61°15'N	151°48'W	2,3,4,5	a,h,j
2B24	Anchorage Hillside	49MM22	2080	61°06'N	149°41'W	2,3,4,5	a
2B25	Botts Creek	51MM7AP	1500	61°10'N	151°38'W	2,3,4,5	a,h,j
2C	MATANUSKA/SUSITNA						
2C01	Sheep Mountain	47MM1	2900	61°48'N	147°29'W	3,4,5	a
2C02	Alexander Lake	50MM1A	140	61°45'N	150°53'W	2,3,4,5	a,h
2C03	Bald Mountain Lake	49NN1A	2150	62°15'N	149°42'W	2,3,4,5	a,h
2C04	Chelatna Lake	51NN1a	1650	62°30'N	151°25'W	2,3,4,5	a,h
2C06	Lake Louise	46NN2A	2400	62°16'N	146°31'W	2,3,4,5	a,h
2C07	Monahan Flat	47OO1APST	2710	63°18'N	147°39'W	2,3,4,5	a,h
2C09	Willow Airstrip	50MM2	200	61°45'N	150°03'W	2,3,4,5	a,h
2C10	Nugget Bench	50NN1A	2010	63°31'N	150°56'W	2,3,4,5	a,h
2C11	Skwentna	51MM1A	160	61°58'N	151°12'W	2,3,4,5	a,h

2C12	Talkeetna	50NN2	350	62°19'N	150°05'W	2,3,4,5	a,h
2C13	Square Lake	47NN1A	2950	62°24'N	147°28'W	2,3,4,5	a,h
2C14	Fog Lake	48NN2A	2120	62°47'N	148°28'W	2,3,4,5	a,h
2C15	Horsepasture Pass	47NN2a	4300	62°08'N	147°38'W	2,3,4,5	a,h
2C16	Devils Canyon	49NN1a	1350	62°49'N	149°18'W	2,3,4,5	a,h
2C17	Deception Creek	49MM14a	700	61°42'N	149°50'W	2,3,4,5	a,h
2C19	Sheep River	49NN4a	4100	62°08'N	149°07'W	4,5	a,h
2C20	Kashwitna River Cirque	49MM13a	3900	61°57'N	149°22'W	4,5	a,h
2C21	Little Willow Creek	49MM12a	2100	61°59'N	149°42'W	4,5	a,h
2C22	Talkeetna River Pass	48NN3a	5100	62°12'N	148°24'W	4,5	a,h
2C24	Chuniina Creek	49NN6a	1750	62°32'N	149°46'W	2,3,4,5	a,h
2C27	Upper Kashwitna River	48MM9a	4300	61°57'N	148°59'W	4,5	a,h
2C28	Dutch Hills	50NN3A	3100	62°36'N	150°51'W	2,3,4,5	a,h
2C29	Ramsdyke Creek	50NN4AS	2220	62°37'N	150°48'W	2,3,4,5	a,h
2C30	Tokositna Valley	50NN5A	850	62°38'N	150°46'W	2,3,4,5	a,h
2C31	Moose	47OO3A	2750	63°04'N	147°40'W	2,3,4,5	h
2C32	Butte Creek	47OO4A	2900	63°01'N	147°53'W	2,3,4,5	h
2C33	Caribou	47OO5A	4100	63°25'N	147°04'W	2,3,4,5	h
2C34	Malemute	47OO6A	2600	63°23'N	147°12'W	2,3,4,5	h
2C35	East Fork	46OO3A	2900	63°24'N	146°51'W	2,3,4,5	h
2C36	Pyramid	46OO2A	4850	63°25'N	146°56'W	2,3,4,5	h
2C37	Jatu Pass	46OO4A	4500	63°26'N	146°47'W	2,3,4,5	h
2C38	Tyone River	47NN3	2500	62°40'N	147°08'W	2,3,4,5	h
2C39	Cirque	47OO8A	4700	63°28'N	147°27'W	2,3,4,5	h
2C40	Ice Cave	47OO9A	4000	63°30'N	147°25'W	2,3,4,5	h
2C41	West Fork Glacier	47OO10A	5050	63°33'N	147°10'W	2,3,4,5	h
2C42	Mt. Hayes	46OO6A	4200	63°31'N	146°54'W	2,3,4,5	h
2C43	Kosina Creek	47NN4	2600	62°41'N	147°58'W	2,3,4,5	h
2C44	Denali	47OO11	2650	63°05'N	147°28'W	2,3,4,5	h
2C45	Watana Camp	49NN6P	2200	62°50'N	148°24'W	2,3,4,5	h
2C46	Risley	New	930	61°42'N	149°13'W	2,3,4,5	a
2C47	Little Susitna	New	1700	61°46'N	149°12'W	2,3,4,5	a
2C48	Fern Mine Road	New	2200	61°47'N	149°13'W	2,3,4,5	a
2C49	Fishhook	New	2600	61°46'N	149°15'W	2,3,4,5	a
2C50	Valdez Creek	New	4400	63°13'N	147°08'W	2,3,4,5	h
2C51	Boulder Creek	New	4000	63°13'N	147°08'W	2,3,4,5	h
2D	COPPER/PRINCE WILLIAM SOUND						
2D01	Worthington Glacier	45MM2	2100	61°11'N	145°41'W	3,4,5	a
2D02	Mentasta Pass	43NN1	2430	62°54'N	143°40'W	2,3,4,5	a
2D03	Haggard Creek	45NN1A	2540	62°42'N	145°27'W	2,3,4,5	a
2D04	St. Anne Lake	46MM1A	1990	61°54'N	146°03'W	2,3,4,5	a,h
2D05	Mankomen Lake	44OO1	3050	63°00'N	144°32'W	2,3,4,5	a
2D06	Sanford River	45NN2A	2280	62°13'N	145°04'W	2,3,4,5	a,h
2D07	Gulkana Glacier A	45OO6	4590	63°15'N	145°29'W	7	f
2D08	Gulkana Glacier B	45OO7	5460	63°17'N	145°26'W	7	f
2D09	Gulkana Glacier D	45OO9	6037	63°17'N	145°21'W	7	f
2D10	Wolverine Glacier A	48LL1	1950	60°23'N	148°54'W	7	f
2D11	Wolverine Glacier B	48LL2	3500	60°24'N	148°55'W	7	f
2D12	Wolverine Glacier C	48LL3	4250	60°25'N	148°55'W	7	f
2D13	Lowe River	45MM3	600	61°06'N	145°49'W	3,4,5	a
2D14	Tsaina River	45MM4	1650	61°12'N	145°30'W	3,4,5	a
2D15	Valdez	46MM2	50	61°06'N	146°13'W	3,4,5	a
2D16	Kenny Lake School	44MM1	1300	61°44'N	145°00'W	3,4,5	a
2D17	Paxson	New	2650	63°01'N	145°30'W	3,4,5	a

LEGEND

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 A. Snow Course and Aerial Stadia Marker
 a. Aerial Stadia Marker only
 P. Precipitation Storage Gage
 S. Snow Pillow
 T. Radio Telemetered

AREA 3

Upper Yukon

Active Data Collection Sites

MAP NO.	SITE NAME	COURSE NO.	ELEV.	LATITUDE	LONGITUDE	MEAS. DATES	MEAS. BY
3A	TANANA						
3A01	Big Delta	45PP1	980	64°12'N	145°56'W	2,3,4,5	a
3A02	Cleary Summit	47QQ1A	2230	65°02'N	147°26'W	2,3,4,5	a
3A03	Fielding Lake	45OO1A	3000	63°12'N	145°38'W	2,3,4,5	a
3A04	Tok Junction	43OO1	1650	63°18'N	143°00'W	2,3,4,5	a
3A05	Munson Ridge	46PP1PST	3050	64°51'N	146°12'W	2,3,4,5	a
3A06	Mt. Ryan	46QQ1PST	2800	65°15'N	146°09'W	2,3,4,5	a
3A07	French Creek	46PP2	1800	64°35'N	146°45'W	2,3,4,5	a
3A08	Little China Ridge	46QQ2PST	2000	65°07'N	146°44'W	2,3,4,5	a
3A09	Little Salcha	46PP3	1700	64°34'N	146°45'W	2,3,4,5	a
3A10	Caribou Mine	45OO2A	1150	64°41'N	145°43'W	3,4,5	a
3A11	Colorado Creek	46PP4S	700	64°54'N	146°37'W	2,3,4,5	a
3A12	Granite Creek	45OO4S	1240	63°57'N	145°24'W	1,2,3,4,5,6,7	a
3A13	Upper Chena	44QQ1AP	3000	65°07'N	144°55'W	3,4,5	a
3A14	Bonanza Creek	48PP1	1150	64°45'N	148°18'W	2,3,4,5	b
3A15	Fort Greely	45OO5	1500	63°56'N	145°46'W	2,3,4,5	a
3A17	Yak Pasture	47PP1	600	64°52'N	147°51'W	2,3,4,5	a
3A18	Haystack Mountain	47QQ2	1950	65°08'N	147°37'W	2,3,4,5	b
3A19	Caribou Creek	47QQ3	1250	65°09'N	147°36'W	2,3,4,5	b
3A20	Caribou Snow Pillow	47QQ4S	900	65°09'N	147°33'W	1,2,3,4,5,7	b
3A21	Monument Creek	45QQ2PST	1850	65°04'N	145°52'W	2,3,4,5	a
3A22	Teuchet Creek	45PP3PST	1640	64°57'N	145°31'W	2,3,4,5	a
3A25	Lower Chena	44QQA	2000	65°04'N	144°58'W	2,3,4,5	a
3A26	Little Chena Slope	46QQ4	1100	65°06'N	146°44'W	3,4,5	a
3A27	Little Chena Bottom	46QQ5	1460	65°07'N	146°42'W	3,4,5	a
3A28	Jack River	48OO1	2450	63°24'N	148°00'W	3,4,5	a,h
3A30	Upper Chena Pillow	44QQ7APST	3400	65°06'N	144°56'W	2,3,4,5	a
3A31	Totchaket	49PP1PS	350	64°46'N	149°25'W	2,4,6	a
3A32	Rhoads Creek	45OO10P	1225	63°56'N	145°22'W	7	a
3A33	Fairbanks	47PP3	450	64°51'N	147°48'W	2,3,4,5	a
3B	YUKON						
3B01	Arctic Village	45TT1A	2050	68°06'N	145°36'W	3,4	a
3B02	Black River	42RR1A	620	66°36'N	142°45'W	3,4	a
3B03	Chandalar Lake	48SS1A	2040	67°30'N	148°30'W	3,4	a
3B04	Eagle Village	41PP1A	900	64°47'N	141°08'W	3,4	e
3B05	Circle City	44QQ3A	600	65°50'N	144°04'W	3,4	a
3B06	Coleen River	42SS1A	1100	68°44'N	142°30'W	3,4	a
3B07	Chicken Airstrip	41PP2A	1650	64°04'N	141°57'W	3,4	e
3B08	Fort Yukon	45RR1	430	66°35'N	145°12'W	3,4	a
3B10	Boundary	41PP3a	3500	64°08'N	141°20'W	3,4	e
3B11	Big Fish Lake	44SS1A	1790	67°56'N	144°05'W	3,4	a
3B12	Squaw Lake	48SS2A	2150	67°38'N	148°12'W	3,4	a
3B14	Mt. Fairplay	42OO1a	3100	63°42'N	142°16'W	3,4	e
3B15	Kandik River	41QQ1A	2850	65°27'N	141°33'W	3,4	e
3B16	Five Mile	49QQ1	600	65°56'N	149°52'W	2,3,4,5	e
3B17	Thirty Mile	50RR2	1350	66°13'N	150°15'W	2,3,4,5	e
3B18	Chandalar Shelf	49TT2P	3300	68°05'N	149°35'W	2,3,4,5	e
3B19	Atigun Pass	49TT3P	4800	68°08'N	149°28'W	2,3,4,5	e
3B20	Atigun Cirque	49TT5S	4750	68°08'N	149°29'W	2,3,4,5	e
3B21	Hess Creek	49QQ2	1000	65°46'N	149°23'W	2,3,4,5	e
3B22	Circle Hot Springs	44QQ5	860	65°29'N	144°38'W	3,4	a

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b. Forest Service

c. U.S. Army Corps of Engineers

d. Alaska Power Administration

e. Bureau of Land Management

f. U.S. Geological Survey

g. U.S. Fish and Wildlife Service

h. R & M Consultants

i. Alaska Dept. of Transportation

j. Alaska Dept. of Natural Resources

★★★ Letters following the snow course number refer to:

A. Snow Course and Aerial Stadia, Marker

a. Aerial Stadia Marker only

P. Precipitation Storage Gage

S. Snow Pillow

T. Radio Telemetered

AREA 4

North Slope and Western Alaska Active Data Collection Sites

MAP NO.	SITE NAME	COURSE NO.	ELEV.	LATITUDE	LONGITUDE	MEAS. DATES	MEAS. BY
4A	KOYUKUK						
4A02	Bettles Field	51RR1PST	640	66°55'N	151°32'W	3,4	e
4A03	Lake Todatonten	52RR1A	550	66°10'N	152°56'W	3,4	e
4A04	Coldfoot	50SS1	1040	67°16'N	150°12'W	2,3,4,5	e
4A05	Disaster Creek	49SS1A	1550	67°42'N	149°44'W	2,3,4,5	e
4A06	Prospect Airstrip	50RR1	1050	66°49'N	150°38'W	2,3,4,5	e
4A07	Table Mountain	49SS3a	2200	67°58'N	149°46'W	2,3,4,5	e
4A09	Bonanza Forks	50RR3	900	66°40'N	150°39'W	2,3,4,5	e
4B	NORTH SLOPE						
4B01	Barrow	56WW1P	25	71°20'N	156°37'W	7	a
4B02	Meade River	57VV1P	50	70°28'N	157°22'W	7	a
4B03	Jago River	43UU1P	550	69°42'N	143°36'W	7	a
4B04	Kavik River	47UU1P	200	69°30'N	147°00'W	7	a
4B05	Prudhoe Bay	48VV1P	30	70°16'N	148°34'W	7	a,e
4B06	Sagwon	48UU1P	1000	69°26'N	148°41'W	2,3,4,5	e
4B07	Toolik River	49TT1P	3050	69°38'N	149°18'W	2,3,4,5	e
4B08	Atigun Camp	49TT4P	3400	68°10'N	149°26'W	2,3,4,5	e
4B09	Barter Island	43VV1P	30	70°07'N	143°39'W	7	a
4C	KOTZEBUE/NORTON SOUND						
4C01	Candle	61QQ1P	100	65°54'N	161°56'W	7	a
4C02	Nome 20-Mile	65PP1P	250	64°44'N	165°14'W	7	a
4C03	Cottonwood Camp	New	100	65°07'N	164°43'W	7	a
4C04	Lower Chirokey	New	650	63°45'N	160°05'W	2,3,4,5	e
4C05	Unalakleet River	New	900	64°11'N	159°20'W	2,3,4,5	e
4C06	Lower Unalakleet	New	75	63°56'N	160°05'W	2,3,4,5	e
4C07	Anvik River	New	1150	63°35'N	160°08'W	2,3,4,5	e
4C08	Yellow River	New	1100	63°20'N	160°11'W	2,3,4,5	e
4C09	North River	New	600	64°20'N	160°01'W	2,3,4,5	e
4C10	Tenmile	New	1100	63°54'N	159°36'W	2,3,4,5	e
4C11	Old Woman River	New	750	63°44'N	159°46'W	2,3,4,5	e
4C12	Chirokey River	New	1150	63°29'N	160°42'W	2,3,4,5	e
4C13	Headwaters	New	1600	64°20'N	159°25'W	2,3,4,5	e
4C14	Lower Anvik	New	450	63°14'N	160°42'W	2,3,4,5	e
4D	IDITAROD						
4D01	Melozi Hot Springs	New	1000	65°08'N	154°42'W	3,4	e
4D02	Tozikaket	New	600	65°31'N	152°12'W	3,4	e
4E	KUSKOKWIM						
4E01	Farewell Lake	53NN1A	1090	62°33'N	153°37'W	2,3,4,5	e
4E02	Lake Minchumina	52OO1A	730	63°54'N	152°18'W	2,3,4,5	e
4E03	Big River	54MM1	1600	61°52'N	154°33'W	2,3,4,5	e
4E04	McGrath	55NN1	340	62°57'N	155°36'W	2,3,4,5	e
4E05	Tatalina Field	55NN2	800	62°54'N	155°58'W	2,3,4,5	e
4E06	Moore Creek	57NN1	950	62°36'N	157°09'W	2,3,4,5	e
4E08	Purkeypile Mine	52NN1A	2025	62°57'N	152°16'W	2,3,4,5	e
4E09	Slow Fork	52OO2A	1300	63°04'N	152°51'W	2,3,4,5	e
4E10	Katlitna River	55NN3A	600	62°37'N	155°11'W	2,3,4,5	e
4E11	Towahmina Lake	53OO1	600	63°19'N	153°40'W	2,3,4,5	e

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 e. Bureau of Land Management
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 h. R & M Consultants
 i. Alaska Dept. of Transportation
 j. Alaska Dept. of Natural Resources

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- A. Snow Course and Aerial Stadia Marker
 a. Aerial Stadia Marker only
 P. Precipitation Storage Gage
 S. Snow Pillow
 T. Radio Telemetered

AGENCIES AND ORGANIZATIONS COOPERATING IN ALASKA SNOW SURVEYS

CANADA

Department of Indian and Northern Affairs, Yukon Territory
Ministry of the Environment, British Columbia

FEDERAL

Department of Agriculture
Forest Service
Institute of Northern Forestry
Tongass National Forest
Chugach National Forest
Soil Conservation Service

Department of Commerce
NOAA National Weather Service

Department of Defense
U. S. Army Corps of Engineers
U.S. Army Cold Regions Research and Engineering Laboratory

Department of Interior
Bureau of Land Management
Geological Survey
Alaska Power Administration
Fish and Wildlife Service

STATE

Alaska Department of Military Affairs, Division of Emergency Services
Alaska Department of Fish and Game
Alaska Department of Transportation
Alaska Department of Natural Resources, Division of Parks
Alaska Association of Soil Conservation Sub-districts
Alaska Soil Conservation District
University of Alaska
Alaska Experiment Station
Geophysical Institute
Alaska Department of Natural Resources, Division of Forest Land and
Water Management
Alaska Department of Natural Resources, Division of Geological and
Geophysical Surveys
Alaska Power Authority

MUNICIPALITIES

Municipality of Anchorage

PRIVATE

Mt. Alyeska Resort, Inc.
NANA Regional Corporation
R&M Consultants
Kodiak Electric Association, Inc.

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