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# SNOW SURVEYS and WATER SUPPLY OUTLOOK for ALASKA



U.S. GOVERNMENT PRINTING OFFICE  
1975 O 550 104  
OFFICIAL SERIAL RECORDS

MAR 17 1976

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U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE  
Collaborating with  
ALASKA SOIL CONSERVATION DISTRICT

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
MAR. 1, 1976

## 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: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE  
SCS PHOTO AZ-5460

### 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 111, 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	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, 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	4012 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 82601

### PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



FEDERAL - STATE - PRIVATE  
**SNOW SURVEYS**  
**AND**  
**WATER SUPPLY OUTLOOK**  
**FOR**  
**ALASKA**

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NEAR ARCTIC VILLAGE

ALASKA SUMMARY  
as of  
MARCH 1, 1976

Snowfall during February was generally below the average expected for the month. The total winter's snowpack, therefore, remains well below normal over most of Alaska.

Forecasts of this spring's snowmelt runoff indicate that Anchorage and Fairbanks area streams will yield from 15 to 24 percent less than normal.

The area by area summary is as follows:

KOYUKUK DRAINAGE

The headwaters of the Koyukuk drainage is typical of the whole Brooks Range. The overall area is 14 percent below normal, but this is higher percentagewise than all the rest of the interior Alaska.

M7-L-220206

## UPPER YUKON DRAINAGES

The snowpack north of the Yukon and Porcupine drainages averages 82 percent of normal while the area to the south averages only 68 percent. Snowmelt runoff for the Porcupine River is forecast at 76 percent of normal.

## KUSKOKWIM DRAINAGE

The two snow courses in the upper Kuskokwim indicate the area's snowpack between 35 and 40 percent below normal.

## TANANA-CHENA DRAINAGES

Conditions have improved slightly during the last month as snowfall was near average in many places. Snow courses in the upper Tanana now average 70 percent of normal. Streamflow in the Chena River is forecast to run 76 percent of average for the April through July period.

## COPPER DRAINAGE

Conditions here are pretty much unchanged from a month ago. The Copper River Basin is nearly 40 percent below normal. However, snow courses in the Thompson Pass area indicate the coast side of the Chugach Mountains is near average at median elevations and above average at higher elevations.

## MATANUSKA-SUSITNA DRAINAGES

This area also is about the same as a month ago, percentagewise. Snowpack in the upper Susitna is not quite two-thirds of the normal expected for March 1, while the Matanuska and lower Susitna valleys vary between 15 and 25 percent below normal. Two snow courses, Independence Mine and Sheep Mountain, indicate, however, that the "coastal" side of the Talkeetna Mountains may be much closer to normal at higher elevations.

## UPPER COOK INLET DRAINAGES

The Upper Cook Inlet area received less than the normal snowfall increment for February. All Ship Creek courses now report below normal snowpack water content. Runoff from the Chugach Mountains through Anchorage is forecast to flow 85 percent of normal in Ship Creek and 78 percent in the South Fork of Campbell Creek.

## KENAI PENINSULA

Snow courses along the Seward and Sterling highways received near normal snowfall during February and remain near normal for the winter.

## SOUTHEASTERN DRAINAGES

Southeast weather has produced a very complex snowcover. Mild temperatures have reduced the snowpack generally below the short term average, but total fallen moisture is well above average.

# STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year <sup>2/</sup>	Average <sup>†</sup>
YUKON RIVER at Eagle	28,500	83%	April-July	45,000	34,295
PORCUPINE RIVER near Ft. Yukon	5,500	76%	April-July	7,500	7,200*
SALCHA RIVER near Salchaket	580	76%	April-July	610	767
CHENA RIVER at Fairbanks	425	76%	April-July	500	560
LITTLE CHENA RIVER near Fairbanks	65	72%	April-July	76	93*
YUKON RIVER at Ruby	55,000	82%	April-July	80,000	67,012
SHIP CREEK near Anchorage <sup>1/</sup>	50	85%	April-July	72	59
SOUTH FORK CAMPBELL CREEK at Canyon Mouth near Anchorage	11.7	78%	April-July	19.0	15.0

<sup>1/</sup> Measured flow adjusted for diversion.  
<sup>2/</sup> Provisional data, subject to revision.  
 \* Estimated

# SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		
NAME	Number	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		Years of Previous Record
						Last Year	Average <sup>†</sup>	
AS OF FEB. 15, 1976								
<u>KOYUKUK DRAINAGE:</u>								
Cold Foot Camp	107	1000	2/13	32	4.7	3.8	---	2
Dietrich Camp	106	1520	2/13	24	3.6	2.5	---	2
Glacier Creek	113	2000	NO SURVEY			3.8	---	1
Jim River	115	1900	2/15	31	5.4	N/S	---	---
Kupuk Creek	112	2300	2/14	25	4.1	2.8	---	1
Prospect Creek	108	980	2/15	28	5.3	3.9	---	2
Snowden Mountain	111	1900	2/14	24	3.9	2.6	---	1
Table Mountain	110	2200	2/14	25	3.8	2.6e	---	1
West Buttons	114	1600	2/14	23	3.9	3.7e	---	1
<u>YUKON DRAINAGE:</u>								
Five Mile Camp	109	400	2/15	22	3.2	6.0	---	2
Thirty Mile	116	1300	NO SURVEY			7.0	---	1
<u>TANANA-CHENA:</u>								
Caribou Mine	28	1115	2/13	19a	3.0e	4.8e	4.9	7
Cleary Summit	18	2230	2/13	25a	4.7e	6.7e	6.3	7
Little Chena	19	2200	2/13	22a	3.7e	5.2e	5.4	7
Mt. Ryan	20	2950	2/13	28a	4.4e	7.2e	6.7	7
Munson Ridge	23	3100	2/13	36a	8.6e	12.4e	10.4	7
Upper Chena	75	3000	2/13	24a	4.2e	6.5e	7.5	7
Wolf Creek	76	3850	2/13	10a	2.0e	2.3e	4.0	7
AS OF MARCH 1, 1976								
<u>KOYUKUK DRAINAGE:</u>								
Anaktuvuk Pass	1	2100	2/24	18	2.7	2.5	2.8	8
Bettles Field	2	640	2/23	28	5.1	3.9	6.7	9
Cold Foot Camp	107	1000	3/1	32	4.7	4.0	7.0	5
Dietrich Camp	106	1520	3/1	24	3.6	2.8	3.8	5
a - aerial marker reading			e - estimated			N/S - No Survey		

<sup>†</sup> 1958-1972 period.



# SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		Years of Previous Record
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		
NAME	Number	Elevation				Last Year	Average †	
<u>KOYUKUK DRAINAGE Continued:</u>								
Glacier Creek	113	2000	N O	S U R V E Y		N/S	5.1	3
Jim River	115	1900	3/1	31	5.4	N/S	---	2
Kupuk Creek	112	2300	3/1	25	4.1	3.5e	4.3	4
Lake Todatonten	77	985	2/23	26a	4.5e	4.8e	5.1	8
Prospect Creek Camp	108	1100	3/1	28	5.3	4.9	5.8	4
Snowden Mountain	111	1900	3/1	24	3.9	3.4e	3.4	3
Table Mountain	110	2200	3/1	25	3.8	2.9e	3.5	4
West Buttons	114	1600	3/1	23	3.9	N/S	4.9	3
<u>YUKON DRAINAGE:</u>								
Arctic Village	6	2300	2/24	18	2.4	2.8	3.1	12
Black River	11	650	2/25	19	2.9	5.3	3.7	11
Boundary	15	3300	2/26	20a	3.2e	5.9e	4.5	9
Chandalar Lake	3	2040	2/24	18	2.9	2.7	3.2	10
Chicken Airstrip	16	1650	2/26	12	1.7	2.9	2.7	11
Circle City	12	600	2/26	18	2.7	6.5	3.9	11
Circle Hot Springs		960	2/26	15	1.9	N/S	---	--
Coleen River	8	1100	2/25	16a	2.2e	4.0e	2.8	11
Dempsey Creek	83	950	2/26	16a	2.3e	6.0e	4.3	7
Eagle Village	14	900	2/26	19	3.0	8.1	4.2	11
Five Mile	109	400	3/1	22	3.2	6.3	4.5	5
Fort Yukon	10	425	2/25	18	2.6	4.9	3.2	11
Koness Lake	7	1790	2/25	17	2.3	2.4	2.8	9
Log Cabin	69	2880	2/27	52	14.0	12.8	11.4	15
Mt. Fairplay	94	3100	2/26	17a	2.6e	5.1e	3.7	6
Nation River	95	3050	N O	S U R V E Y		7.4e	5.6	5
Squaw Lake	4	2150	2/24	16a	2.6e	2.4e	3.2	9
Thirty Mile	116	1300	N O	S U R V E Y		N/S	---	2
Venetie	5	610	2/24	19a	2.6e	2.6	2.6	11
Vundik Lake	9	950	2/25	19a	2.6e	2.5e	2.6	8
<u>KUSKOKWIM DRAINAGE:</u>								
Farewell Lake	43	1090	2/23	14	2.3	N/S	3.2	8
Lake Minchumina	42	730	2/23	15	2.2	4.8	4.1	9
<u>TANANA-CHENA:</u>								
Big Delta	29	975	2/25	11	2.0	3.5	3.0	15
Bonanza Creek	82	1150	3/2	14	2.1	5.3	4.6	8
Caribou Creek	103	1440	3/2	22	4.4	4.9	4.2	5
Caribou Mine	28	1115	2/24	19	3.2	5.4	5.2	10
Cleary Summit	18	2230	2/24	25	5.1	7.0	5.9	15
Colorado Creek	27	750	2/24	16	2.6	5.2	4.9	10
Donnelly Dome	80	2200	N O	S U R V E Y		4.5	5.1	9
Fielding Lake	33	3000	2/26	30	6.7	12.5	8.6	13
Fort Greely	78	1420	2/26	13	2.2	3.3	3.3	9
French Creek	24	2010	2/25	17	2.9	6.0	6.2	13
Granite Creek	81	1240	2/25	14	2.2	3.0	3.1	8
Haystack Mountain	102	1950	3/2	28	5.7	5.6	5.9	5
Little Chena	19	2200	2/24	23	4.4	5.4	5.4	11
Little Salcha	25	1500	2/25	15	2.6	5.6	5.4	13
Meadows Road	79	1570	N O	S U R V E Y		2.7	2.8	9
Mentasta Pass	31	2430	2/26	16	3.0	5.2	5.0	13
Monument Creek	127	1900	2/24	21	3.7	6.1	4.8	3
Mt. Ryan	20	2950	2/24	27	4.9	7.4	6.5	11
Munson Ridge	23	3100	2/24	37	8.5	12.7	10.6	12
Poker Creek (Crrel)	104	1025	3/2	20	3.6	4.0	4.1	5

a - aerial marker reading

e - estimated

N/S - No Survey

† 1958-1972 period.

**SNOW**

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		Years of Previous Record
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		
NAME	Number	Elevation				Last Year	Average †	
<u>TANANA-CHENA Continued:</u>								
Teuchet Creek	126	1640	2/24	16	2.5	6.0	4.1	3
Tok Junction	30	1650	2/26	14	2.3	3.0	3.1	15
Upper Chena	75	3000	N O	S U R V E Y		6.6	7.6	8
Wien Lake	74	1020	2/23	17	2.6	5.3	3.9	8
Wolf Creek	76	3850	N O	S U R V E Y		N/S	3.5	6
Yak Pasture	17	540	2/24	15	2.2	5.3	4.3	14
<u>COPPER RIVER:</u>								
Haggard Creek	34	2540	2/26	14	2.4	5.6	4.7	11
Little Nelchina	40	4160	2/29	19a	3.2e	6.0e	4.5	8
Mankomen Lake	32	3050	DELAYED REPORT			7.7	6.0	9
St. Anne's Lake	54	1985	2/29	17	3.4	6.1	4.4	11
Sanford River	37	2280	2/29	19a	3.4e	6.2e	4.7	9
Tsaina River	119	1550	2/26	43	11.5	16.7	12.3	3
Worthington Glacier	55	2400	2/26	56	18.5	25.9	15.1	9
<u>MATANUSKA-SUSITNA:</u>								
Alexander Lake	49	200	2/28	26	6.6	12.2e	9.6	12
Bald Mountain Lake	47	2150	2/28	14	3.6	7.2e	6.0	11
Chelatna Lake	44	1650	2/28	40a	8.0e	10.0e	8.6	12
Clearwater Lake	36	3100	2/28	16e	2.7e	6.3	4.9	10
Fog Lakes #2	96	2250	2/28	18	2.8	6.1	5.6	6
Independence Mine	51	3300	3/1	48	14.0	18.7	14.8	9
Lake Louise	41	2400	2/29	14	2.1	4.3	3.5	10
Monahan Flat	35	2710	2/28	25	4.4	9.0	6.3	11
Oshetna Lake	39	2950	2/29	13	2.2	4.5	3.3	12
Peters Hills	45	2010	2/28	49a	10.8e	14.3e	12.2	8
Sheep Mountain #2	120	2900	2/26	18	3.8	4.9	4.3	3
Skwentna	48	158	2/28	27	6.6	10.0	8.4	9
Talkeetna	46	350	2/28	25	5.8	10.4	7.0	9
Willow Airstrip	50	150	2/29	19	4.0	7.9	6.1	12
<u>UPPER COOK INLET:</u>								
Arctic Ski Bowl	65	3000	3/2	26	7.4	11.9	10.5	12
Arctic Valley #1	61	500	3/2	9	1.6	7.0	3.1	12
Arctic Valley #2	62	1000	3/2	12	1.8	6.3	3.2	12
Arctic Valley #3	63	2030	3/2	21	4.1	8.5	5.3	12
Arctic Valley #4	64	2330	3/2	23	4.8	8.5	5.8	12
Bird Creek	66	2350	2/27	39	12.2	20.4	13.8	9
Indian Pass	68	2350	2/27	50	15.3	17.4	16.5	9
McArthur	52	120	N O	S U R V E Y		23.1e	17.4	11
Mt. Alyeska	128	1200	3/1	81	29.0	37.5	26.3	3
Ship Creek	67	1750	2/27	31	8.2	11.6	9.0	9
South Campbell Creek	129	1200	2/27	17	3.2	9.2	6.8	3
<u>PRINCE WILLIAM SOUND:</u>								
Lowe River	118	550	2/26	50	13.5	16.8	---	2
Valdez	117	50	2/26	50	15.7	16.5	---	2

a - aerial marker reading

e - estimated

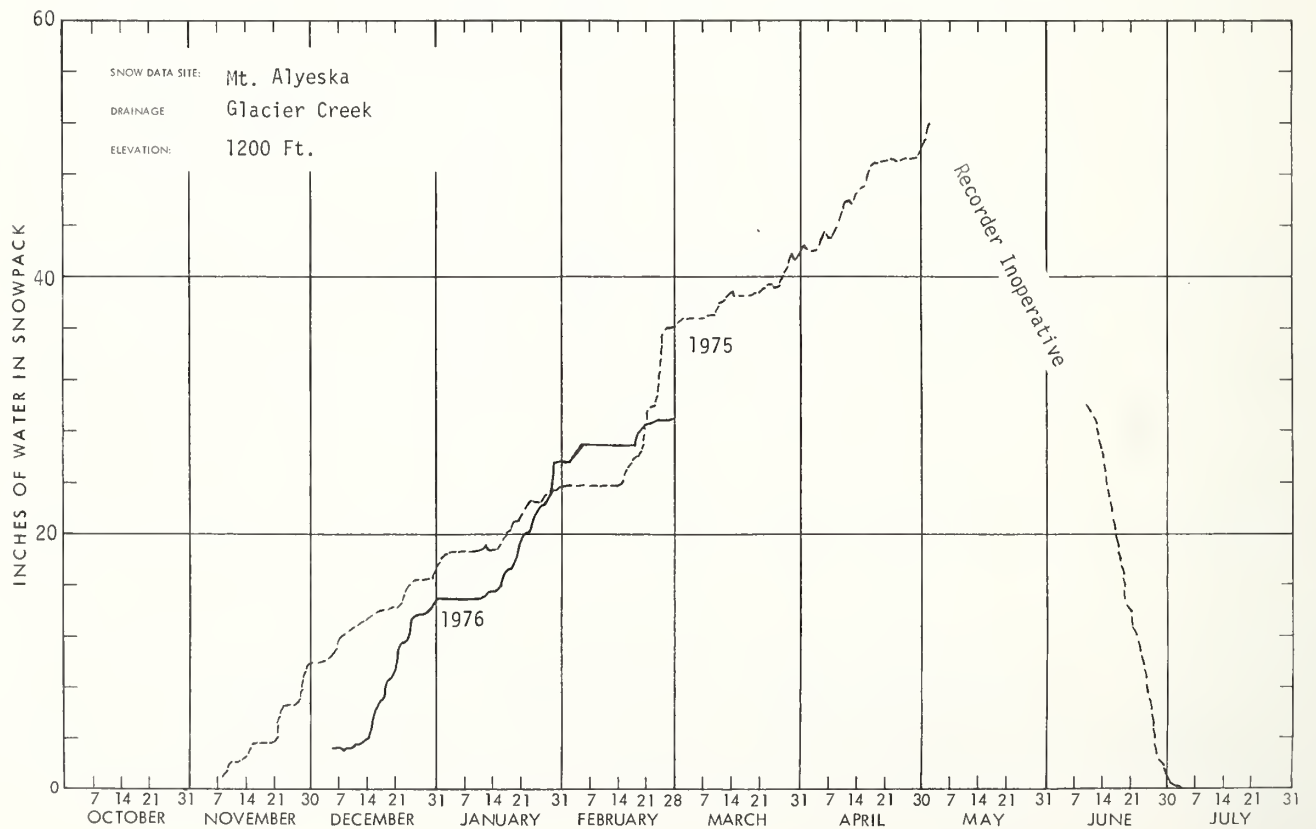
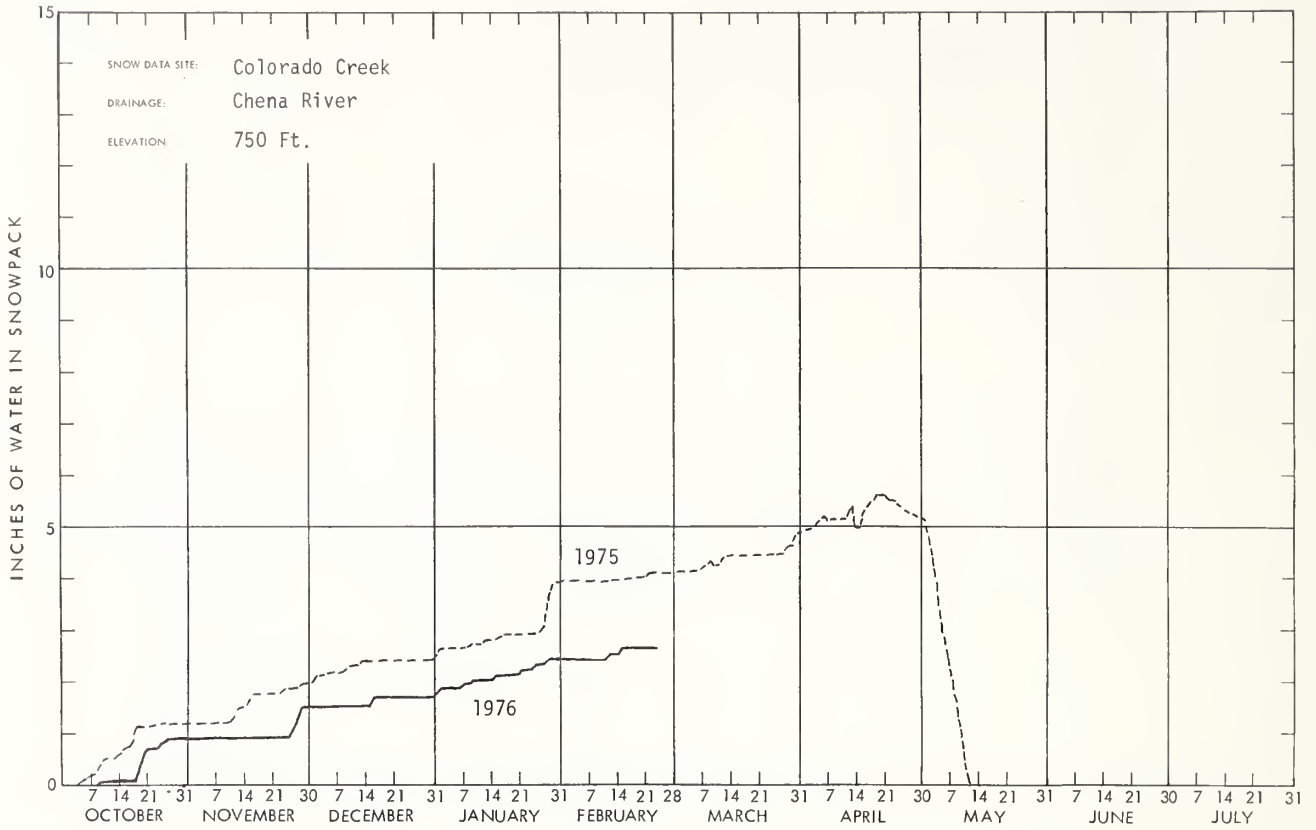
N/S - No Survey

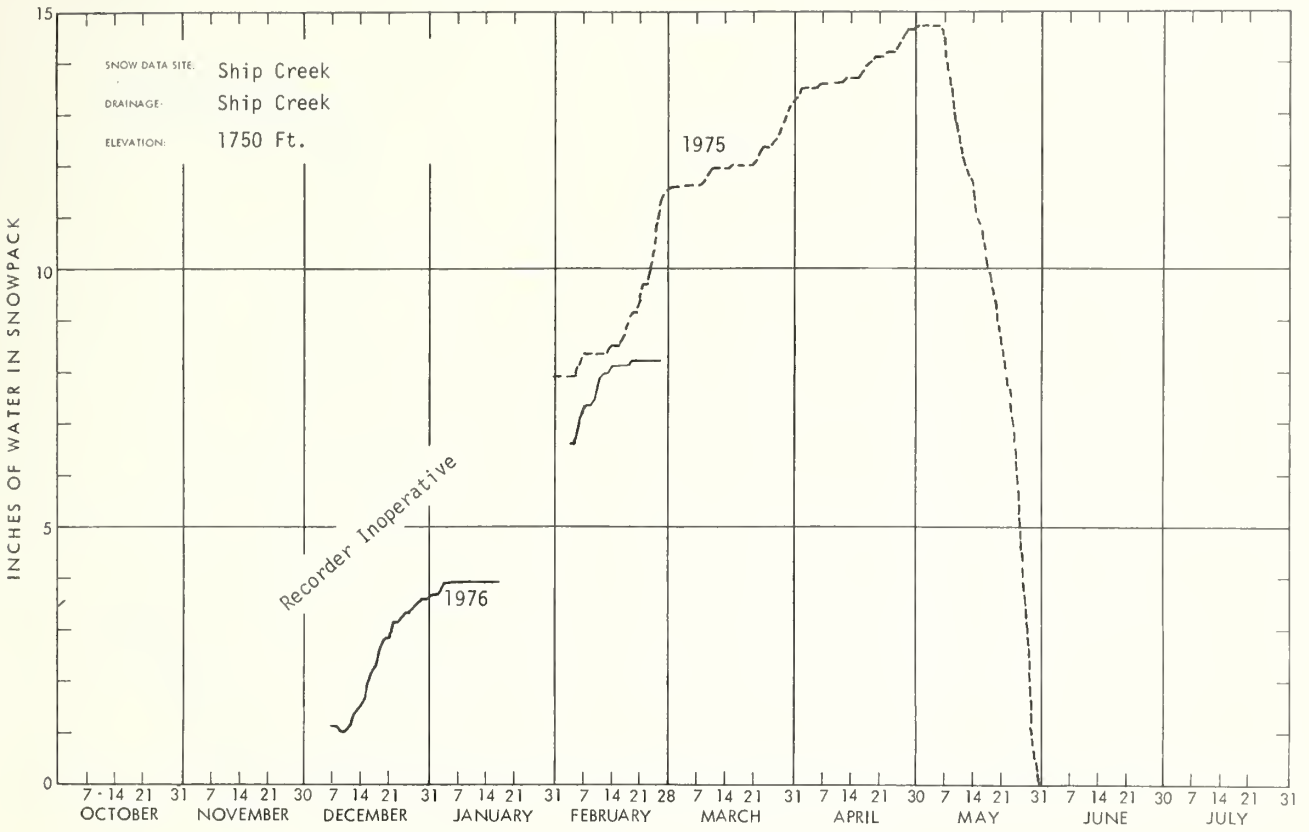
† 1958-1972 period.

# SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		Years of Previous Record
NAME	Number	Elevation				Last Year	Average †	
<u>KENAI PENINSULA:</u>								
Bertha Creek	98	850	2/26	48	12.6	13.3	11.2	6
Bridge Creek, Lower	122	1100	2/25	33	9.0	14.6	10.6	4
Bridge Creek, Upper	121	1300	2/25	33	9.6	13.9	10.5	4
Jean Lake	101	620	2/26	14	3.0	4.8	3.1	6
Kenai Summit	99	1390	2/26	34	8.7	9.8	9.4	6
Moose Pass	100	700	2/26	22	5.9	7.0	4.8	6
<u>SOUTHEAST ALASKA:</u>								
Crater Lake	73	1750	N O	S U R V E Y		74.0	57.0	11
Douglas Ski Bowl	84	1640	N O	S U R V E Y		N/S	34.8	8
Harriet Top	123	2000	3/1	134	51.0	58.0	53.7	3
Hunt Saddle	124	1500	3/1	96	33.8	40.2	43.2	3
Lake Shore	125	660	3/1	69	19.4	27.0	31.1	3
Long Lake	71	1075	N O	S U R V E Y		48.5	40.3	11
Speel River	72	275	D E L A Y E D R E P O R T			35.8	34.5	11
Upper Long Lake	70	1000	N O	S U R V E Y		45.0	35.8	11
a - aerial marker reading			e - estimated			N/S - No Survey		

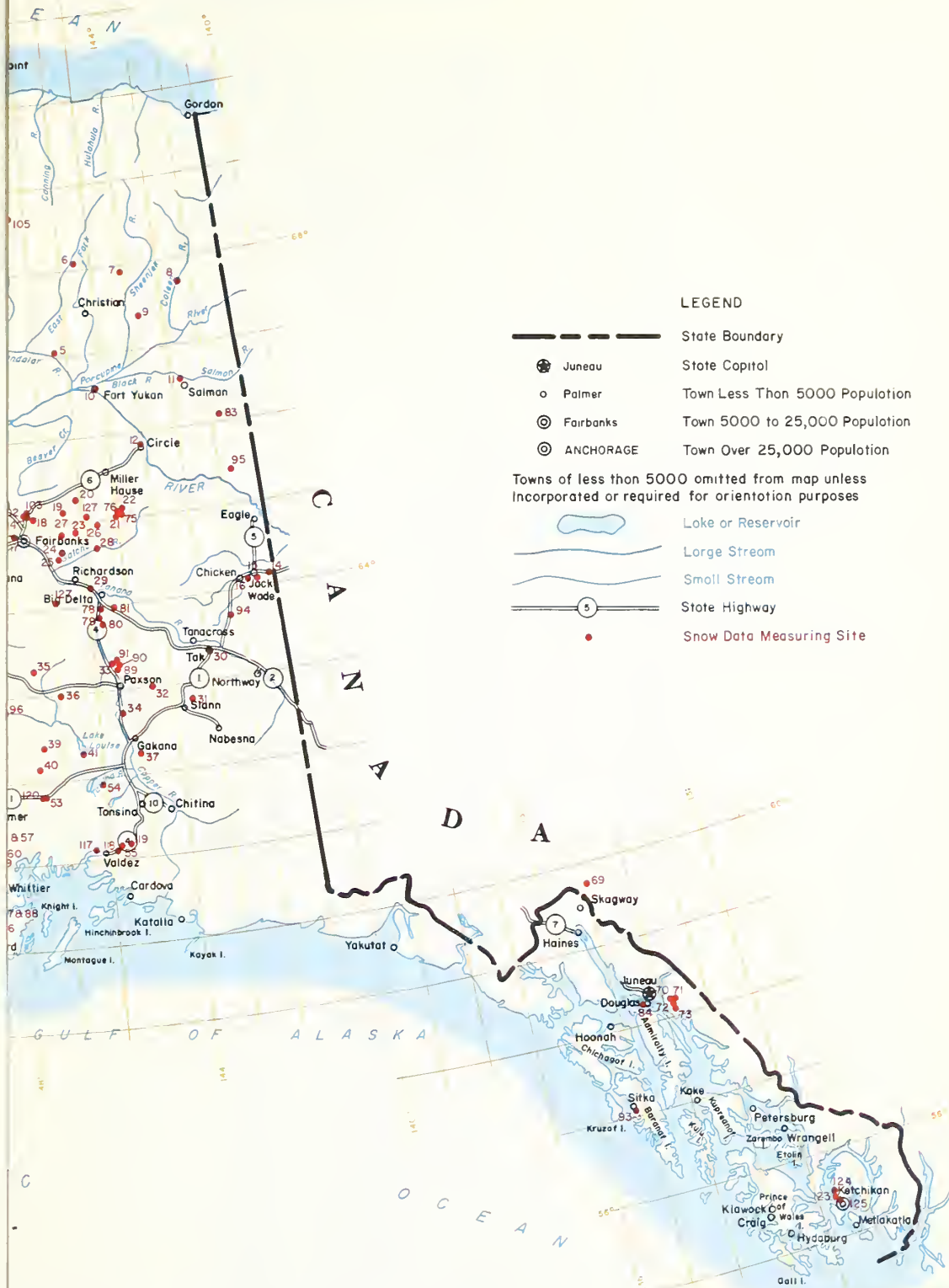
- 1958-1972 period.





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**LEGEND**

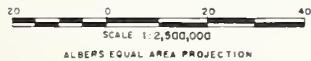
- State Boundary
- ⊙ Juneau State Capital
- Palmer Town Less Than 5000 Population
- ⊙ Fairbanks Town 5000 to 25,000 Population
- ⊙ ANCHORAGE Town Over 25,000 Population

Towns of less than 5000 omitted from map unless Incorporated or required for orientation purposes

- Lake or Reservoir
- Large Stream
- Small Stream
- Ⓢ State Highway
- Snow Data Measuring Site

**NOW COURSES AND RELATED DATA MEASURING SITES ALASKA**

1976



M7-EN-22020  
USDA-SCS-PORTLAND, OREG. 9735



LEGEND

- State Boundary
  - Juneau State Capital
  - Palmer Town Less Than 5000 Population
  - Fairbanks Town 5000 to 25,000 Population
  - ANCHORAGE Town Over 25,000 Population
  - Lake or Reservoir
  - Large Stream
  - Small Stream
  - State Highway
  - Snow Data Measuring Site
- Towns of less than 5000 omitted from map unless incorporated or required for orientation purposes

SNOW COURSES AND RELATED  
DATA MEASURING SITES  
**ALASKA**

1976

20 0 20 40  
SCALE 1:2,500,000  
ALBERS EQUAL AREA PROJECTION





MAP NO.	COURSE NAME	C	LONG.	MEAS. DATES *	MEAS. BY *
1	Anaktuvuk Pass	51°N	145°50'W	1,2,3,4,5,7	a
2	Bettles Field	51°N	145°43'W	1,2,3,4,5,7	a
3	Chandalar Lake	48°N	145°24'W	1,2,3,4,5,7	a
4	Squaw Lake	48°N	148°20'W	2,3,4,5	b
5	Venetie	46°N	141°48'W	3,4	a
6	Arctic Village	45°N	134°27'W	3,4,5	b
7	Koness Lake	44°N	148°54'W	1,2,4,5,6,7	g
8	Coleen River	42°N	148°55'W	2,3,4,5,6,7	g
9	Vundik Lake	43°N	148°55'W	1,2,4,6,7	g
10	Fort Yukon	45°N	145°29'W	2,3,4,5,6,7	g
11	Black River	42°N	145°26'W	2,3,4,5,6,7	g
12	Circle City	44°N	145°29'W	5,6,7	g
14	Eagle Village	41°N	135°10'W	3,4,5	b
15	Boundary	41°N	142°17'W	3,4,5	a
16	Chicken Airstrip	41°N	141°40'W	3,4	a
17	Yak Pasture	47°N	148°29'W	2,3,4,5	a,c
18	Cleary Summit	47°N	149°51'W	2,3,4,5	a
19	Little Chena	46°N	149°28'W	2,3,4,5	a
20	Mt. Ryan	46°N	149°30'W	2,3,4,5	a
21	Chena Hot Springs	45°N	150°11'W	2,3,4,5	a
22	Big Windy	44°N	147°38'W	2,3,4,5	d
23	Munson Ridge	46°N	147°35'W	2,3,4,5	d
24	French Creek	46°N	147°32'W	2,3,4,5,7	d
25	Little Salcha	46°N	147°30'W	3,4,5	f
27	Colorado Creek	46°N	149°45'W	2,3,4,5	f
28	Caribou Mine	45°N	150°10'W	1,2,3,4	f
29	Big Delta	45°N	150°45'W	2,3,4,5	f
30	Tok Junction	43°N	149°48'W	2,3,4,5	f
31	Mentasta Pass	43°N	149°45'W	2,3,4,5	f
32	Mankomen Lake	44°N	149°41'W	2,3,4,5	f
33	Fielding Lake	45°N	150°08'W	2,3,4,5	f
34	Haggard Creek	45°N	149°31'W	2,3,4,5	f
35	Monahan Flat	47°N	149°34'W	2,3,4,5	f
36	Clearwater Lake	46°N	149°50'W	2,3,4,5	f
37	Sanford River	45°N	150°15'W	2,3,4,5	f
38	Fog Lakes	46°N	146°20'W	2,3,4,5	a
39	Oshetna Lake	47°N	145°50'W	3,4,5	a
40	Little Nelchina	47°N	145°30'W	3,4,5	a
41	Lake Louise	46°N	147°30'W	3,4,5	a
42	Lake Minchumina	52°N	151°28'W	3,4,5	a
43	Farewell Lake	53°N	151°32'W	3,4,5	a
44	Chelatna Lake	51°N	131°37'W	3,4,5	b
45	Peters Hills	50°N	131°37'W	3,4,5	b
46	Talkeetna	50°N	131°36'W	3,4,5	b
47	Bald Mt. Lake	45°N	145°31'W	2,3,4,5	a
48	Skwentna	51°N	145°55'W	2,3,4,5	a
49	Alexander Lake	50°N	149°05'W	2,3,4,5	b,a
50	Willow Airstrip	50°N	149°42'W	2,3,4,5	a
51	Independence Mine	45			
52	McArthur	52			
53	Sheep Mountain	47			
54	St. Anne's Lake	46			
55	Worthington Glacier	45			
56	Moraine	45			
57	Ptarmigan	45			
59	Goat	45			
60	Grizzly	45			
61	Arctic Valley #1	45	to January 1,		
62	Arctic Valley #2	45	July 1, June 1,		
63	Arctic Valley #3	45			
64	Arctic Valley #4	45			
65	Arctic Ski Bowl	45	measures the snow		
66	Bird Creek	45			
67	Ship Creek	45			
68	Indian Pass	45			
69	Log Cabin (B.C.)	34			
70	Upper Long Lake	34	Arch & Eng. Lab		
71	Long Lake	34			
72	Speel River	34			
73	Crater Lake	34			
74	Wien Lake	51			
75	Upper Chena	45	see no. refer to:		
76	Wolf Creek	45	marker		
77	Lake Todatonten	51			
78	Ft. Greely	45			

# AGENCIES AND ORGANIZATIONS COOPERATING IN ALASKA SNOW SURVEYS

## FEDERAL

Atomic Energy Commission

Department of Agriculture  
Forest Service

Institute of Northern Forestry  
North Tongass National Forest  
South Tongass National Forest  
Chugach National Forest

Department of Commerce  
National Oceanic and Atmospheric Administration  
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

## STATE

Alaska Department of Highways

Alaska Soil Conservation District  
Fairbanks Soil Conservation Sub-district  
Homer Soil Conservation Sub-district  
Kenai-Kasilof Soil Conservation Sub-district  
Kenny Lake Soil Conservation Sub-district  
Kodiak Soil Conservation Sub-district  
Montana Soil Conservation Sub-district  
Ninilchik Soil Conservation Sub-district  
Palmer Soil Conservation Sub-district  
Salcha-Big Delta Soil Conservation Sub-district  
Wasilla Soil Conservation Sub-district  
University of Alaska

## BOROUGH

Greater Anchorage Area Borough

## MUNICIPALITIES

City of Anchorage

## PRIVATE

Mt. Alyeska Resort, Inc.

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