

FEDERAL - STATE - PRIVATE

# COOPERATIVE SNOW SURVEYS for ALASKA

U. S. DEPARTMENT of AGRICULTURE , SOIL CONSERVATION SERVICE
and
ALASKA SOIL CONSERVATION DISTRICT

Data included in this report were obtained by the agencies named above in cooperation with the U.S. Army Corps of Engineers, Alaska Power Administration, U.S. Geological Survey, Alaska Highway Dept., Alaska Department of Fish and Game, University of Alaska, Greater Anchorage Area Borough and others.

AS OF
APR. 1, 1972

## 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 of 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 NUMBER ORC 221-3*

## 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, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, 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 | P. O. Box "F", Palmer, Alaska 99645 |
| 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 970, Bozeman, Montana 59715 |
| Nevada | P. O. Box 4850, Reno Nevada 89505 |
| Oregon | 1218 S. W. Washington St., Portland, Oregon 97205 |
| Utah | 4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111 |
| 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

USDA-SCS-PORTLAND, OREG 1970

# SNOW SURVEYS *for* ALASKA

*Issued by*

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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
P.O. BOX F, PALMER, ALASKA

APRIL 1972

Snowfall during March was near average in most areas of Alaska where snow surveys are conducted. As a result the snowpack in many watersheds remains quite heavy, and is at least normal in all areas.

The water content of the snowpack as measured about April 1 on the Susitna and Copper River watersheds is the highest recorded since the program began in 1964. The southeast Alaska snowpack also continues to stand at record depth.

Interior Alaska drainage received about normal snowfall during the month and snowpack conditions remain well above average. The area by area outlook is as follows:

KOYUKUK Drainage

The new snow courses along the proposed pipeline route continue to read below last year's level except at Bettles which is the same as one year ago and 116 percent of the five year average.

YUKON above RAMPART

Above normal snowfall during March has increased the snowpack and most snow courses now are above average.

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KUSKOKWIM Drainage

Snow courses in the upper reaches of the Kuskokwim continue at levels slightly above normal but well below last year's heavy accumulation.

TANANA-CHENA Drainage

The snowpack remains well above normal with upper reaches of the Tanana receiving slightly above average snowfall during the past month. The Chena and Salcha watersheds received about normal snowfall and the streamflow forecasts remain unchanged from last month. The volume of runoff during May and June is expected to be 164 percent of average in the Chena river and 145 percent of normal in the Salcha which compares to last year's flow from both rivers of 150 percent of average.

MATANUSKA-SUSITNA-COPPER Drainage

Most snow courses in this area remain at record levels and above average snowfall was received on the upper reaches of the Matanuska and Copper rivers during March. Snowmelt runoff in these areas will be above normal.

COOK INLET

Near normal additions to the snowpack were received during March in most areas and the snowpack remains above normal. Snowmelt runoff will be above average from most streams draining into upper Cook Inlet.

SOUTHEASTERN ALASKA

Snow courses in the Snettisham area continue to measure at much above average levels. All April 1 measurements are the heaviest recorded since these courses were established in 1955. Three new snow courses were established near Ketchikan. At 2000 feet elevation a snow depth of 147 inches with 65.0 inches water content was measured which is presumed to be above normal for the April 1 period.

## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT | THIS YEAR FORECAST Thousand Acre Feet | THIS YEAR FORECAST Percent of Average | FORECAST PERIOD | PAST RECORD THOUSAND ACRE FEET Last Year | PAST RECORD THOUSAND ACRE FEET Average + |
|---|---|---|---|---|---|
| Chena River at Fairbanks | 725 | 164 | May-June | 658 | 442 |
| Salcha River at Salchaket | 850 | 145 | May-June | 878 | 586 |

## SNOW

| DRAINAGE BASIN and/or SNOW COURSE NAME | Number | Elevation | THIS YEAR Date of Survey | Snow Depth (Inches) | Water Content (Inches) | PAST RECORD Water Content (inches) Last Year | Average + | Years of Previous Record |
|---|---|---|---|---|---|---|---|---|
| NORTHSLOPE: | | | | | | | | |
| Elusive Lake | 105 | 1800 | 3/31 | 60A | 13.5E | 12.7 | - | 1 |
| KOYUKUK DRAINAGE: | | | | | | | | |
| Anaktuvuk Pass | 1 | 2100 | No Survey | | | 9.5 | 5.4 | 3 |
| Bettles Field | 2 | 640 | 4/4 | 42 | 9.1 | 9.2 | 7.8 | 5 |
| Cold Foot | 107 | 1000 | 3/31 | 36 | 7.0 | 10.6 | | 1 |
| Dietrich Camp | 106 | 1550 | 3/31 | 23 | 3.6 | 6.9 | | 1 |
| Glacier Creek | 113 | 2000 | 3/31 | 21A | 3.4E | New Course | | |
| Jim River | 115 | 1900 | 3/31 | 48A | 11.0E | New Course | | |
| Kupuk Creek | 112 | 2300 | 3/31 | 21A | 3.2E | New Course | | |
| Lake Todatonten | 77 | 985 | 4/4 | 31A | 6.5E | 7.5E | 5.7 | 4 |
| Prospect Creek | 108 | 980 | 3/31 | 41 | 7.0 | 8.1 | | 1 |
| Snowden Mountain | 111 | 1900 | 3/31 | 18A | 2.7E | New Course | | |
| Table Mountain | 110 | 2200 | 3/31 | 21A | 3.3E | New Course | | |
| West Buttons | 114 | 1600 | 3/31 | 26A | 4.8E | New Course | | |
| YUKON DRAINAGE: | | | | | | | | |
| Arctic Village | 6 | 2300 | 4/6 | 23 | 3.7 | 5.8 | 3.6 | 8 |
| Black River | 11 | 650 | 4/6 | 30 | 6.0 | 5.5E | 4.1 | 6 |
| Boundary | 15 | 3300 | 4/7 | 27A | 5.7E | 6.4E | 4.9 | 5 |
| Bull Lake | 13 | 810 | 4/7 | 30A | 6.5E | 7.0E | 4.8 | 5 |
| Chandalar Lake | 3 | 2040 | 4/5 | 22 | 3.7 | 6.0 | 4.1 | 6 |
| Chicken Airstrip | 16 | 1650 | 4/7 | 20 | 3.8 | 4.3 | 3.1 | 6 |
| Circle City | 12 | 600 | 4/5 | 27 | 5.5 | 7.1 | 4.3 | 6 |
| Coleen River | 8 | 1100 | 4/6 | 21A | 2.8E | 4.0E | 2.9 | 6 |
| Dempsey Creek | 83 | 950 | 4/7 | 29A | 5.7E | 6.8E | 4.3 | 3 |

A - Aerial Marker reading

E - Estimated

+ 1953-1967 period

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# 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) Last Year | Water Content (inches) Average + | Years of Previous Record |
| YUKON DRAINAGE: (Continued) | | | | | | | | |
| Eagle Village | 14 | 900 | 4/7 | 20 | 4.1 | 6.9 | 4.7 | 6 |
| Five Mile | 109 | 400 | 3/31 | 28 | 4.7 | 6.0 | - | 1 |
| Fort Yukon | 10 | 425 | 4/6 | 25 | 4.7 | 5.4 | 3.6 | 6 |
| Koness Lake | 7 | 1790 | 4/6 | 24 | 3.9 | 4.5 | 3.1 | 5 |
| Log Cabin | 69 | 2880 | 3/31 | 47 | 12.8 | 12.1 | 13.0 | 12 |
| Mt. Fairplay | 94 | 3100 | 4/7 | 30A | 6.5E | 5.0E | 3.6 | 2 |
| Nation River | 95 | 3050 | 4/7 | 38A | 8.7E | 9.9E | 6.4 | 2 |
| Squaw Lake | 4 | 2150 | 4/5 | 18A | 3.2E | 6.6E | 4.4 | 5 |
| Thirty Mile | 116 | 1300 | 3/31 | 41A | 9.0E | New | Course | |
| Venetie | 5 | 610 | 4/5 | 19 | 3.3 | 3.5 | 2.8 | 6 |
| Vundik Lake | 9 | 950 | 4/6 | 20A | 2.7E | 3.6E | 2.7 | 5 |
| TANANA-CHENA: | | | | | | | | |
| Big Delta | 29 | 975 | 3/27 | 21 | 4.3 | 6.0 | 2.7 | 12 |
| Big Windy | 22 | 3850 | 3/15 | 27A | 6.8E | 4.2E | 3.5 | 9 |
| | | | 3/30 | 13 | 5.8 | 4.2E | 3.5 | 8 |
| Bonanza Creek | 82 | 1150 | 3/31 | 30 | 5.4 | 9.2 | 5.4 | 4 |
| Caribou Creek | 103 | 1440 | 4/4 | 35 | 7.7 | 9.9 | 5.7 | 2 |
| Caribou Mine | 28 | 1115 | 3/15 | 37A | 9.0E | 10.5E | 5.6 | 5 |
| | | | 3/30 | 42 | 9.5 | 10.8 | 6.1 | 6 |
| Chena Hot Springs | 21 | 1250 | 3/15 | 25A | 5.5E | 9.8E | 4.8 | 4 |
| | | | 3/30 | 28 | 5.7E | 9.5 | 4.8 | 7 |
| Cleary Summit | 18 | 2230 | 3/15 | 33A | 10.0E | 12.2E | 5.1 | 8 |
| | | | 3/27 | 40 | 10.4 | 12.1 | 6.6 | 12 |
| Colorado Creek | 27 | 750 | 3/30 | 33 | 7.2 | 10.3 | 5.6 | 6 |
| Donnelly Dome | 80 | 2200 | 3/28 | 31 | 6.9 | 9.6 | 6.9 | 5 |
| Fielding Lake | 33 | 3000 | 3/28 | 62 | 16.8 | 17.7 | 11.3 | 11 |
| Fort Greely | 78 | 1420 | 3/28 | 24 | 4.8 | 6.3 | 3.9 | 5 |
| French Creek | 24 | 2010 | 3/30 | 40 | 10.2 | 12.2 | 7.2 | 10 |
| Granite Creek | 81 | 1235 | 3/27 | 22 | 4.7 | 7.0 | 3.5 | 4 |
| Haystack Mtn. | 102 | 1950 | 4/4 | 46 | 9.0 | 13.8 | 8.4 | 2 |
| Little Chena | 19 | 2200 | 3/15 | 35A | 8.7E | 10.3E | 5.3 | 9 |
| | | | 3/30 | 38 | 9.0 | 10.0 | 5.5 | 10 |
| Little Salcha | 25 | 1500 | 3/30 | 36 | 9.0 | 10.5 | 6.1 | 10 |
| Meadows Road | 79 | 1570 | No | Survey | | 5.2 | 2.1 | 5 |
| Mentasta Pass | 31 | 2430 | 3/28 | 41 | 10.3 | 6.3 | 5.6 | 10 |
| Mt. Ryan | 20 | 2950 | 3/15 | 42A | 11.6E | 15.0E | 6.0 | 9 |
| | | | 3/30 | 47 | 12.6 | 14.6 | 7.5 | 10 |
| Munson Ridge | 23 | 3100 | 3/15 | 66A | 21.4E | 18.9E | 9.6 | 9 |
| | | | 3/30 | 74 | 23.0 | 19.3 | 13.4 | 10 |
| Poker Creek | 104 | 1025 | 4/4 | 31 | 8.2 | 9.6 | 5.4 | 2 |
| Tok Junction | 30 | 1650 | 3/28 | 24 | 5.0 | 4.1 | 3.4 | 12 |
| Upper Chena | 75 | 3000 | 3/15 | 45A | 11.4E | 20.2E | 8.6 | 4 |
| | | | 3/30 | 49 | 12.6 | 20.2E | 9.3 | 3 |
| Wien Lake | 74 | 1020 | 4/4 | 27 | 4.8 | 7.6 | 4.3 | 4 |
| Wolf Creek | 76 | 3850 | No | Survey | | 10.6E | 5.0 | 4 |
| | | | 3/30 | 28A | 6.5E | 10.6E | 5.7 | 3 |

A - Aerial Marker reading

E - 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) Last Year | Water Content (inches) Average + | Years of Previous Record |
| TANANA-CHENA: (Continued) | | | | | | | | |
| Yak Pasture | 17 | 540 | 3/27 | 26 | 5.6 | 9.8 | 4.3 | 12 |
| COPPER RIVER: | | | | | | | | |
| Haggard Creek | 34 | 2540 | 3/28 | 45 | 10.4 | 6.1 | 4.9 | 8 |
| Little Nelchina | 40 | 4160 | 3/31 | 28A | 6.0E | 5.2E | 4.3 | 4 |
| Mankomen Lake | 32 | 3050 | 3/31 | 55 | 12.2 | 6.4 | 5.7 | 5 |
| St. Anne's Lake | 54 | 1985 | 3/31 | 31 | 7.0 | 4.3 | 4.7 | 8 |
| Sanford River | 37 | 2280 | 3/31 | 42A | 8.2E | 4.6E | 4.1 | 5 |
| Tsina River | 119 | 1550 | 3/28 | 54 | 14.5 | New | Course | |
| KUSKOKWIM DRAINAGE: | | | | | | | | |
| Farewell Lake | 43 | 1090 | 4/4 | 22 | 4.1 | 5.8 | 3.7 | 5 |
| Lake Minchumina | 42 | 730 | 4/4 | 26 | 5.2 | 7.6 | 4.9 | 5 |
| MATANUSKA-SUSITNA: | | | | | | | | |
| Alexander Lake | 49 | 200 | 3/30 | 49 | 13.7 | 11.1 | 10.0 | 8 |
| Bald Mtn. Lake | 47 | 2150 | 3/30 | 42A | 10.5E | 11.5E | 6.6 | 8 |
| Chelatna Lake | 44 | 1650 | 3/30 | 48A | 12.0E | 9.7E | 9.6 | 6 |
| Clearwater Lake | 36 | 3100 | 3/30 | 38 | 9.0 | 6.2 | 4.6 | 7 |
| Fog Lakes #1 | 38 | 2270 | 3/30 | 40A | 8.0E | 6.6 | 3.4 | 8 |
| Fog Lakes #2 | 96 | 2250 | 3/30 | 34 | 7.5 | 8.4 | 6.4 | 2 |
| Independence Mine | 51 | 3300 | 3/30 | 88 | 27.5 | 26.4 | 18.5 | 5 |
| Lake Louise | 41 | 2400 | 3/31 | 33 | 7.0 | 3.6 | 3.7 | 8 |
| Monahan Flat | 35 | 2710 | 3/30 | 38 | 9.0 | 10.1E | 5.8 | 8 |
| Oshetna Lake | 39 | 2950 | 3/31 | 23 | 5.7 | 3.7 | 3.3 | 8 |
| Peters Hills | 45 | 2010 | 3/30 | 73A | 19.0E | 16.5E | 14.6 | 3 |
| Sheep Mtn. | 53 | 2700 | Destroyed | | | 3.4 | 4.6 | 14 |
| Sheep Mtn. #2 | 120 | 2900 | 3/28 | 27 | 5.5 | New | Course | |
| Skwentna | 48 | 158 | 3/30 | 51 | 13.0 | 9.5 | 9.9 | 5 |
| Talkeetna | 46 | 350 | 3/30 | 52 | 12.2 | 10.0 | 6.9 | 5 |
| Willow Airstrip | 50 | 150 | 3/31 | 42 | 9.8 | 9.3 | 5.3 | 7 |
| COASTAL DRAINAGE: | | | | | | | | |
| Arctic Ski Bowl | 65 | 3000 | 3/31 | 56 | 19.6 | 13.5 | 11.7 | 8 |
| Arctic Valley #1 | 61 | 500 | 3/31 | 23 | 5.3 | 2.4 | 1.7 | 8 |
| Arctic Valley #2 | 62 | 1000 | 3/31 | 21 | 4.3 | 2.5 | 2.2 | 8 |
| Arctic Valley #3 | 63 | 2030 | 3/31 | 32 | 7.6 | 4.4 | 5.2 | 8 |
| Arctic Valley #4 | 64 | 2330 | 3/31 | 35 | 9.0 | 5.4 | 5.7 | 8 |
| Bird Creek | 66 | 2350 | 3/29 | 62 | 19.0 | 15.6 | 15.1 | 5 |
| Goat | 59 | 3200 | 3/30 | 39 | 10.2 | 11.0 | 13.4 | 5 |
| Indian Pass | 68 | 2350 | 3/29 | 73 | 21.7 | 20.5 | 18.7 | 5 |

A - Aerial Marker Reading  E - Estimated

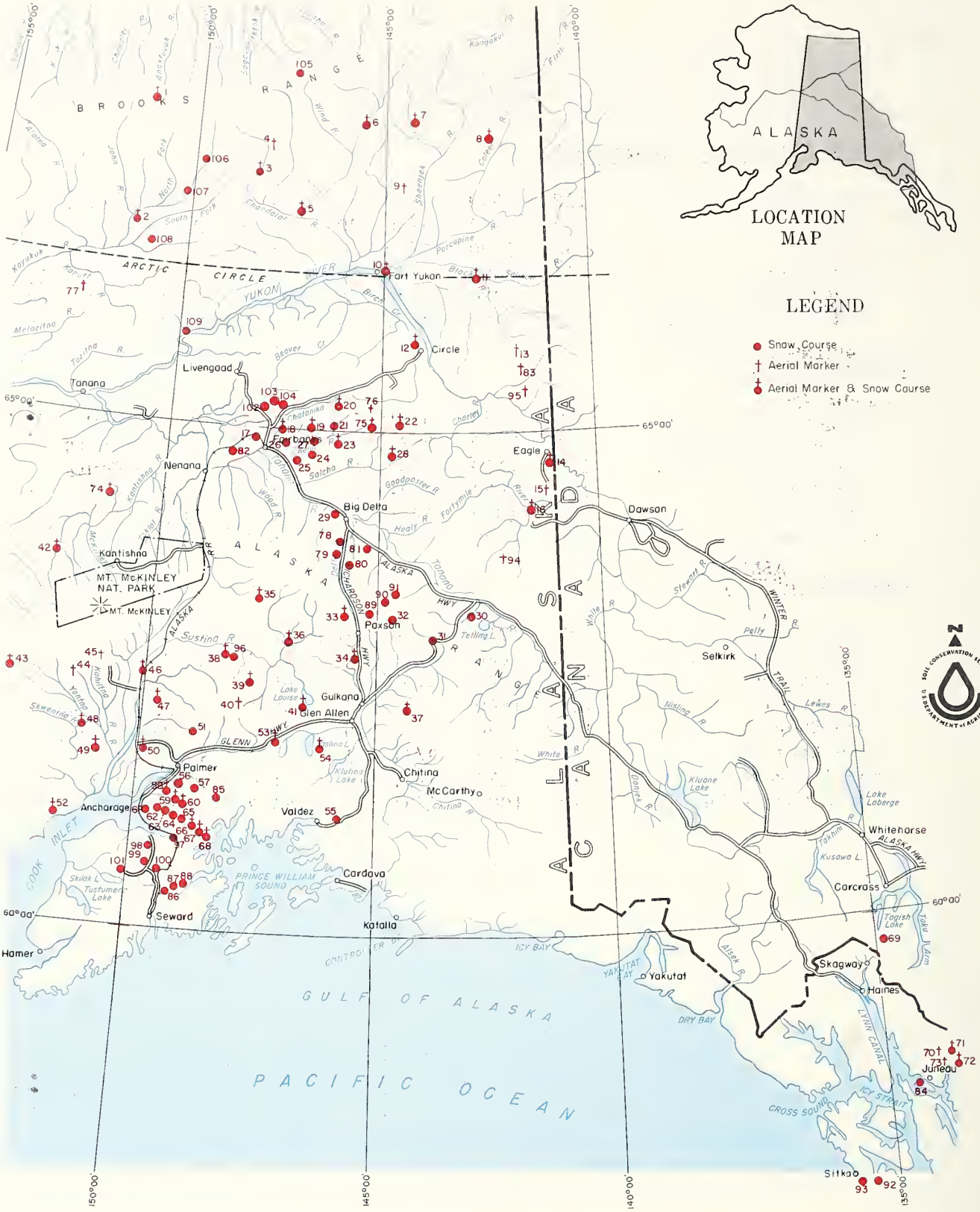
USDA-SCS-PORTLAND, OREG. 1969

| 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) Last Year | Water Content (inches) Average + | Years of Previous Record |
| COASTAL DRAINAGE: (Continued) | | | | | | | | |
| Lowe River | 118 | 550 | 3/28 | 60 | 16.5 | New Course | | |
| McArthur | 52 | 120 | 3/30 | 80A | 22.5E | 21.1E | 20.0 | 8 |
| Moraine | 56 | 2100 | 3/30 | 40 | 9.0 | 5.6 | 8.9 | 15 |
| Ptarmigan | 57 | 3000 | 3/30 | 40 | 10.6 | 7.0 | 9.7 | 15 |
| Ship Creek | 67 | 1750 | 3/29 | 50 | 11.9 | 11.1 | 10.1 | 5 |
| Worthington Glacier | 55 | 2400 | 3/29 | 56 | 18.4 | 13.8 | 20.5 | 14 |
| KENAI PENINSULA: | | | | | | | | |
| Bertha Creek | 98 | 850 | 3/31 | 51 | 12.2E | 9.2 | 10.0 | 2 |
| Bridge Creek, Upper | 121 | 1300 | 3/30 | 49 | 14.4 | New Course | | |
| Bridge Creek, Lower | 122 | 1100 | 3/30 | 46 | 12.9 | New Course | | |
| Jean Lake | 101 | 620 | 3/31 | 24 | 4.9 | 5.1 | 2.5 | 2 |
| Kenai Summit | 99 | 1390 | 3/31 | 42 | 11.2 | 10.2 | 11.6 | 2 |
| Moose Pass | 100 | 700 | 3/31 | 28 | 6.6 | 7.9 | 3.9 | 2 |
| SOUTHEAST ALASKA: | | | | | | | | |
| Crater Lake | 73 | 1750 | No | Survey | | 70.5 | 62.1 | 7 |
| Douglas Ski Bowl | 84 | 1640 | 4/1 | 112 | 45.1 | 39.0 | 34.1 | 4 |
| Harriet Top | 123 | 2000 | 4/3 | 147 | 65.0 | New Course | | |
| Hunt Saddle | 124 | 1500 | 4/3 | 124 | 55.6 | New Course | | |
| Lake Shore | 125 | 660 | 4/3 | 79 | 34.4 | New Course | | |
| Long Lake | 71 | 1075 | 3/31 | 141 | 55.7 | 52.0 | 42.7 | 7 |
| Speel River | 72 | 275 | 3/31 | 116 | 41.6 | 40.0 | 30.2 | 7 |
| Upper Long Lake | 70 | 1000 | 3/31 | 126 | 53.3 | 51.0 | 39.8 | 7 |

A - Aerial Marker reading

E - Estimated

+ 1953-1967 period




# SNOW COURSES for ALASKA

50 0 50 100 150
SCALE IN MILES

# INDEX OF ALASKA SNOW COURSES

| Map No. | Course Name | Course No. | Elev. | Map No. | Course Name | Course No. | Elev. |
|---|---|---|---|---|---|---|---|
| 1 | Anaktuvuk Pass | 51TT1A | 2100 | 55 | Worthington Glacier | 45MM2 | 2400 |
| 2 | Bettles Field | 51RR1A | 640 | 56 | Moraine | 48MM1 | 2100 |
| 3 | Chandalar Lake | 48SS1A | 2040 | 57 | Ptarmigan | 48MM2 | 3000 |
| 4 | Squaw Lake | 48SS2a | 2150 | 59 | Goat | 48MM7A | 3200 |
| 5 | Venetie | 46SS1A | 610 | 61 | Arctic Valley #1 | 49MM1 | 500 |
| 6 | Arctic Village | 45TT1A | 2300 | 62 | Arctic Valley #2 | 49MM2 | 1000 |
| 7 | Koness Lake | 44SS1A | 1790 | 63 | Arctic Valley #3 | 49MM3 | 2030 |
| 8 | Coleen River | 42SS1A | 1100 | 64 | Arctic Valley #4 | 49MM4 | 2330 |
| 9 | Vundik Lake | 43SS1a | 950 | 65 | Arctic Ski Bowl | 49MM5 | 3000 |
| 10 | Fort Yukon | 45RR1AM | 425 | 66 | Bird Creek | 49MM6A | 2350 |
| 11 | Black River | 42RR1A | 650 | 67 | Ship Creek | 49MM7AM | 1750 |
| 12 | Circle City | 44QQ3A | 600 | 68 | Indian Pass | 49MM8A | 2350 |
| 13 | Bull Lake | 41RR1a | 810 | 69 | Log Cabin (B.C.) | 34KK1 | 2880 |
| 14 | Eagle Village | 41PP1A | 900 | 70 | Upper Long Lake | 33JJ2a | 1000 |
| 15 | Boundary | 41PP3A | 3300 | 71 | Long Lake | 33JJ1A | 1075 |
| 16 | Chicken Airstrip | 41PP2A | 1650 | 72 | Speel River | 33JJ3A | 275 |
| 17 | Yak Pasture | 47PP1 | 540 | 73 | Crater Lake | 33JJ4a | 1750 |
| 18 | Cleary Summit | 47QQ1A | 2230 | 74 | Wien Lake | 51PP1A | 1020 |
| 19 | Little Chena | 46QQ2AP | 2200 | 75 | Upper Chena | 44QQ1AP | 3000 |
| 20 | Mt. Ryan | 46QQ1AP | 2950 | 76 | Wolf Creek | 44QQ4a | 3850 |
| 21 | Chena Hot Springs | 45QQ1 | 1250 | 77 | Lake Todatonten | 52RR1a | 985 |
| 22 | Big Windy | 44QQ2AP | 3850 | 78 | Ft. Greely | 45005 | 1420 |
| 23 | Munson Ridge | 46PP1AP | 3100 | 79 | Meadows Road | 45002 | 1570 |
| 24 | French Creek | 46PP2MP | 2010 | 80 | Donnelly Dome | 45003 | 2200 |
| 25 | Little Salcha | 46PP3 | 1500 | 81 | Granite Creek | 45004 | 1235 |
| 27 | Colorado Creek | 46PP4 | 750 | 82 | Bonanza Creek | 48PP1 | 1150 |
| 28 | Caribou Mine | 45PP2A | 1115 | 83 | Dempsey Creek | 41RR2a | 950 |
| 29 | Big Delta | 45PP1 | 975 | 84 | Douglas Ski Bowl | 34JJ1 | 1640 |
| 30 | Tok Junction | 43001 | 1650 | 85 | Eagle Glacier | 49MM9 | 4790 |
| 31 | Mentasta Pass | 43NN1 | 2430 | 86 | Wolverine Glacier#1 | 48LL1 | 2130 |
| 32 | Mankomen Lake | 44NN1 | 3050 | 87 | Wolverine Glacier#2 | 48LL2 | 3610 |
| 33 | Fielding Lake | 45001A | 3000 | 88 | Wolverine Glacier#3 | 48LL3 | 4430 |
| 34 | Haggard Creek | 45NN1A | 2540 | 89 | Gulkana Glacier#1 | 45006 | 4590 |
| 35 | Monahan Flat | 47001A | 2710 | 90 | Gulkana Glacier#2 | 45007 | 5478 |
| 36 | Clearwater Lake | 46NN1A | 3100 | 91 | Gulkana Glacier#3 | 45008 | 6363 |
| 37 | Sanford River | 45NN2A | 2280 | 92 | Mt. Bassie | 35II1 | 1200 |
| 38 | Fog Lakes | 48NN1A | 2270 | 93 | Blue Lake | 35II2 | 950 |
| 39 | Oshetna Lake | 47NN1A | 2950 | 94 | Mt. Fairplay | 42001a | 3100 |
| 40 | Little Nelchina | 47NN2a | 4160 | 95 | Nation River | 41QQ1a | 3050 |
| 41 | Lake Louise | 46NN2A | 2400 | 96 | Fog Lakes#2 | 48NN2 | 2250 |
| 42 | Lake Minchumina | 52001A | 730 | 97 | Mt. Alyeska | 49LL1 | 1300 |
| 43 | Farewell Lake | 53NN1A | 1090 | 98 | Bertha Creek | 49LL2 | 850 |
| 44 | Chelatna Lake | 51NN1a | 1650 | 99 | Kenai Summit | 49LL3 | 1390 |
| 45 | Peters Hills | 50NN1a | 2010 | 100 | Moose Pass | 49LL4 | 700 |
| 46 | Talkeetna | 50NN2 | 350 | 101 | Jean Lake | 50LL1 | 620 |
| 47 | Bald Mt. Lake | 49NN1A | 2150 | 102 | Haystack Mtn. | 47QQ2 | 1950 |
| 48 | Skwentna | 51MM1A | 158 | 103 | Caribou Creek | 47QQ3 | 1440 |
| 49 | Alexander Lake | 50MM1A | 200 | 104 | Poker Creek | 47QQ4 | 1000 |
| 50 | Willow Airstrip | 50MM2 | 150 | 105 | Elusive Lake | 47TT1 | 1800 |
| 51 | Independence Mine | 49MM10 | 3300 | 106 | Dietrich Camp | 49SS1 | 1550 |
| 52 | McArthur | 52LL1A | 120 | 107 | Cold Foot Camp | 50SS1 | 1000 |
| 53 | Sheep Mountain | 47MM1 | 2700 | 108 | Prospect Creek | 50RR1 | 980 |
| 54 | St. Anne's Lake | 46MM1A | 1985 | 109 | 5 Mile Camp | 49QQ1 | 400 |

*Legend*

| | |
|---|---|
| *45TT1* | *Snow Course Only* |
| *45TT1M* | *Snow Course & Soil Moisture* |
| *45TT1A* | *Snow Course & Aerial Marker* |
| *45TT1a* | *Aerial Marker Only* |
| *45TT1P* | *Snow Course & Precipitation Gage* |

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# COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

*"The Conservation of Water begins with the Snow Survey"*



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