

Alaska Snow Survey Report



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Cover Photo: Snowy trees at the Copper Center Snow Course, in the Copper River Basin. Copper Center was measured with 3.3 inches of SWE and 20 inches of snow depth on February 1. This is a near normal measurement for this station. Photo by Daniel Fisher

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New for 2026

New SNOLITES

In July 2025, two SNOLITES were installed on the limited road system outside of Dillingham. SNOLITES are a stripped-down version of a SNOTEL that consist of a tower and a suite of meteorologic sensors. The Snake Lake SNOLITE is located at 230 feet above sea level near Lake Nunavaugaluk, which is locally referred to as Snake Lake. This station contains sensors to measure snow depth, air temperature, incoming solar radiation, wind speed and direction, and a tipping bucket precipitation gauge for measuring liquid precipitation. This site will be evaluated in the coming years and may be converted to a SNOTEL by adding a sensor to measure snow water equivalent, or an all-season precipitation gauge.



Snake Lake SNOLITE



Aleknagik SNOLITE

The Aleknagik SNOLITE is approximately 10 miles further inland on Aleknagik Natives Limited land at a similar elevation to Snake Lake. The station contains sensors to measure snow depth, air temperature, wind speed and direction and a tipping bucket precipitation gauge for measuring liquid precipitation. This site is experiencing telemetry issues at the moment and is not online. This should be remedied later this winter.

New for 2026

A different type of Snow Pillow at Little Chena Ridge



After 3 bear attacks on the snow pillow in the last 5 years, Alaska Snow Survey decided to try something different to measure snow water at this location in the Chena Basin. An Alpine Hydromet FSP5 fluidless snow pillow, which is a metal platform that weighs snow electronically, has now been installed at Little Chena Ridge, with the hope that this technology proves less appealing to bears.

The Snowbird SNOLITE didn't survive it's first winter

Late January 2025 came with historic snowfall and wind. The recently installed Snowbird SNOLITE went dark in the middle of the event. Looking for answers NRCS staff, assisted by the Hatcher Pass Avalanche Center, went for a site visit in the spring to find no evidence that a station ever existed. It wasn't until late August that the snow melted and the damaged tower presented itself. This site will be evaluated further to decide whether to rebuild or remove the station.



General Overview

Snowpack conditions across Alaska on February 1, 2026, are highly variable—an expected outcome in a state with vast geographic and climatic diversity. In many areas, snowpack varies significantly over short distances. The strongest departures above normal are observed in the eastern Interior, where monitoring stations in the Wrangell Mountains are reporting snow water equivalent (SWE) values approaching twice the seasonal median. Even within this region, however, below normal snowpack exists in adjacent basins. Normal February 1 SWE at May Creek, in the Wrangell Mountains, is 3.4 inches, so the current value of 6.2 inches is tremendous. At Worthington Glacier, near Thompson Pass, normal February 1 SWE is 17.1 inches. The 14.8 inches that was measured this month is 87% normal, even though its nearly three times the absolute value of May Creek.

NRCS Snow Survey defines “normal” as the 30-year median for SWE and precipitation, recalculated every decade. The current normal period spans 1991–2020, and this reference is used throughout the report.

Overall, the Tanana and Central Yukon are reporting above normal snowpack on February 1. Likewise, the Copper River Basin and the mountains of northern Southeast Alaska are near normal. Most of the rest of the state is reporting below normal snowpack. The Koyukuk Basin drew the short end of the snow stake this year. The snow situation in Alaska is not nearly as bleak as what is being reported from Data Collection Offices in the lower 48, but we are also not having a “fat” winter.

Water years in North America begin on October 1, allowing solid precipitation and subsequent snowmelt-driven streamflow to be measured within the same year. While this convention generally works well in Alaska, snow accumulation at higher elevations and northern latitudes can begin well before October 1.

October 2025 was a wet month statewide. At the Long Lake SNOTEL, south of Juneau, the 24 inches of October precipitation is slightly below its 30-year Median. At the Monument Creek SNOTEL, near Chena Hot Springs, the 3.5 inches of precipitation it received is a 44-year record high for the station. In Juneau, October rain is expected. However, at most of the Snow Survey monitoring network accumulating snowpack begins in October. So, in the mountains around Fairbanks, or Palmer, October rain is atypical and results in snow enthusiasts wishing for temps to be just a few degrees colder. At Independence Mine, outside the Palmer Snow Survey office, October precipitation was nearly double its Period-of-Record Average. With just slightly colder temperatures, this rain would have been a lot of snow and a great start to the snow season.

On December 1, additional snow data becomes available in the form of December Snow Surveys. These manual measurements are invaluable for a state as large as Alaska with the lack of infrastructure and monitoring stations. We are extremely grateful for the time and effort put forth by our partners to collect this data. On December 1, 2025, there was not much snow to measure. Snow courses along the road system to Hatcher Pass measured near-record lows at just 20–40% of normal. Elsewhere snow measurements were mostly below normal, with some notable exception on the Kenai Peninsula and higher elevations of the Tanana Basin.

In early December, a dramatic pattern shift occurred. Statewide temperatures plummeted, and they mostly stayed that way until well into January. During this time the Tok SNOTEL bottomed out at -63°F. Kanuti Lake SCAN hit -60°F over two consecutive days. The persistence of this cold was striking: Tok logged fifteen days with lows below -50°F, and Chena Lakes SNOTEL near Fairbanks recorded more than three weeks with low temperatures at or below -40°F during this stretch. This cold extended beyond the Interior, with Susitna

General Overview, Continued

Valley High SNOTEL, near Talkeetna, reaching -38°F and experiencing two weeks of daily average temperatures below 0°F over the cold snap. Even Southeast Alaska was affected; Flower Mountain SNOTEL near Haines recorded five days with temperatures of -10°F or colder.

As is often the case with very cold temperatures, much of the monitoring network was remarkably dry over this period. In Southcentral Alaska nearly every station on the Kenai Peninsula and in the Western Gulf recorded the driest December in their data records. Normal December precipitation at Turnagain Pass is 8.6 inches, but this December the station logged just 1.2 inches, 14% of normal and a forty-four year record low. In Palmer, the month of December was not the driest in its history, but it might have been its windiest. The Matanuska winds were on full display over four consecutive weekends, leaving this snow surveyor with frozen eyeballs on the morning walk to the outhouse and questioning all life decisions leading to this point.

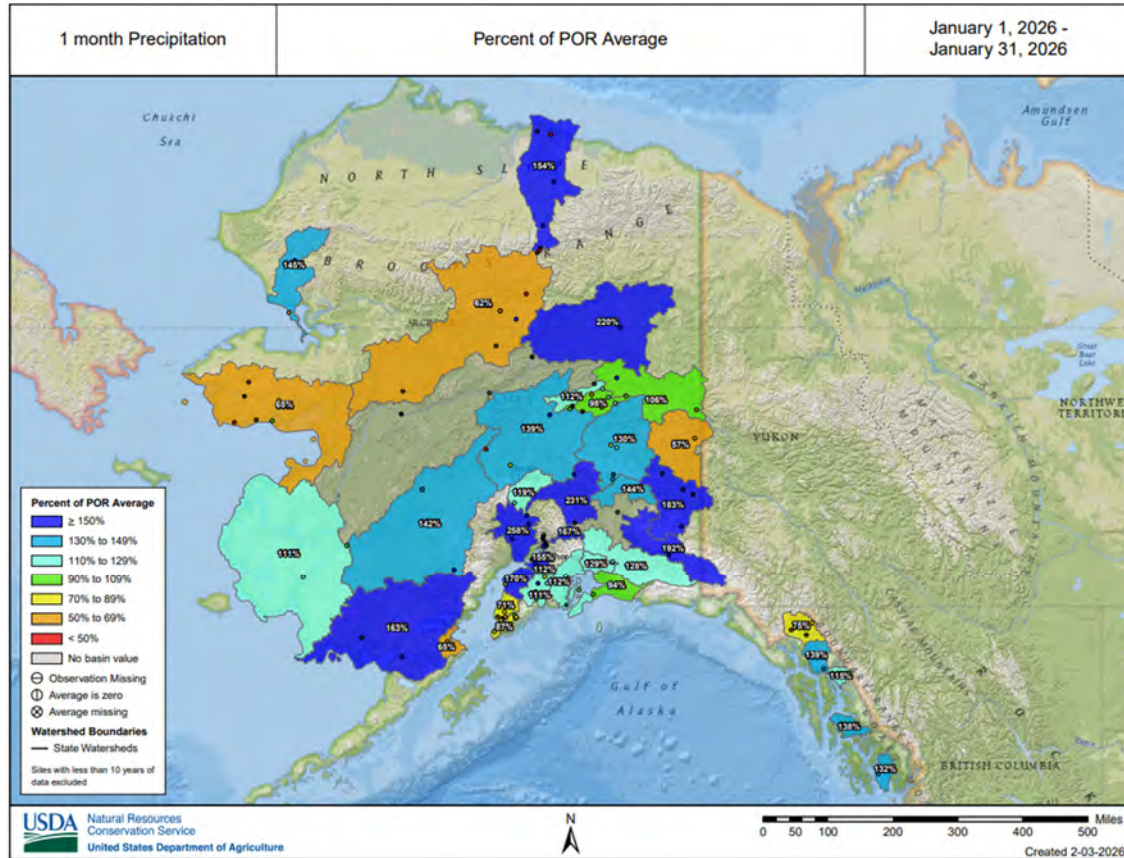
The Matanuska valley is a very efficient wind funnel for moving high pressure, and cold air, from the Interior, to lows in the Gulf of Alaska. In December, these low pressure systems targeted Southeast Alaska. It was not dry everywhere over the month, and with lots of cold air in place, snow to sea level was reported all over Southeast Alaska. The Juneau Airport reported its snowiest December in history and impressive daily snowfall totals were noted at the near sea level locations of Hoonah, Hyder, Petersburg and Ketchikan. On the opposite end of the state, Utqiagvik recorded the 3rd wettest December in its more than on hundred-year record.

In mid-January, another pattern shift occurred when the cold finally relented and a rapid warm up set in. Most stations in the NRCS Alaska network went from subzero temps for weeks on end to above freezing temperatures in a matter of days. At the Gulkana SNOTEL, temperatures went from -36°F to +33°F in less than 48 hours. This warm up came with copious precipitation. Most of the state recorded above normal January precipitation, with many locations logging more than double their typical monthly precipitation. The Anchorage Airport received nearly three inches of precipitation in January. This is four times its January normal and an all-time record. Kenai Moose Pens SNOTEL also logged the wettest January in its history. With warm temperatures in place, rain was observed at many stations in southern Alaska.

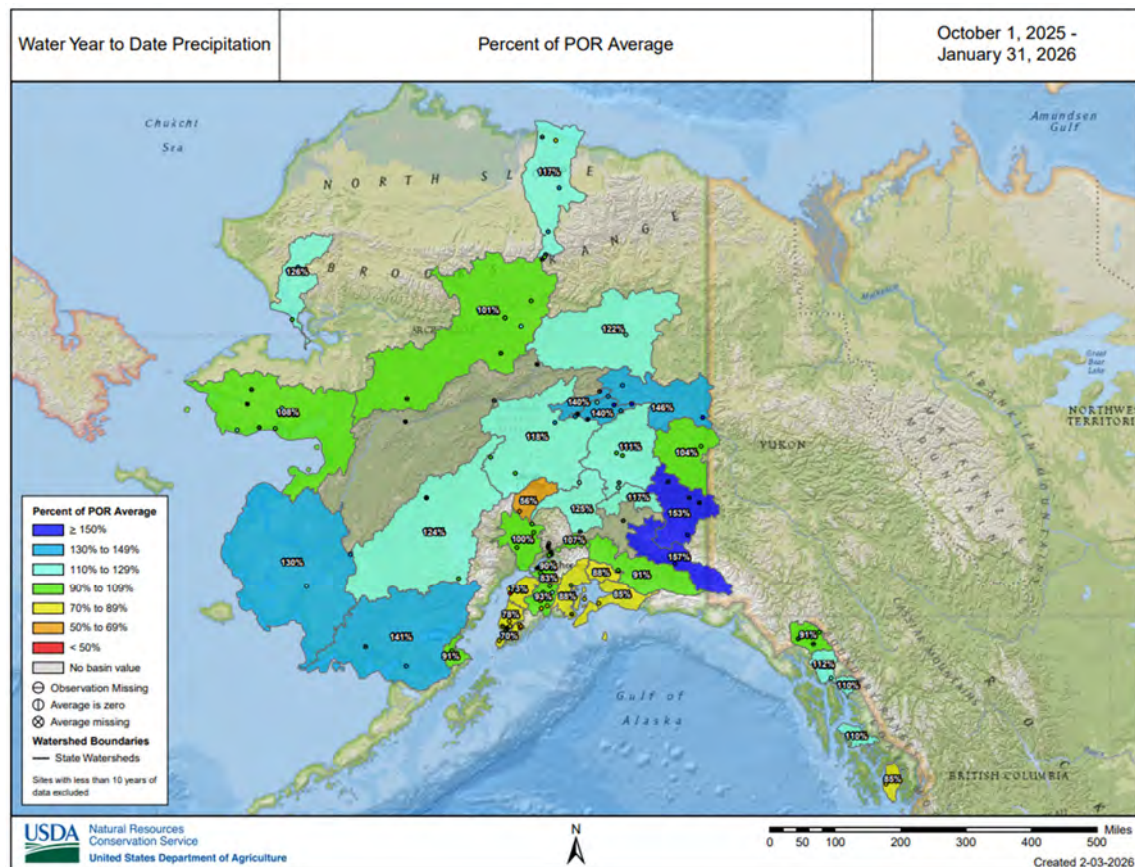
Alaska Statewide Snowpack	# of Sites	Basin Index	
		Current Percent of Median	Last Year Percent of Median
Central Yukon Basin	8	117	165
Tanana Basin	22	109	148
Koyukuk Basin	6	69	147
Kuskokwim Basin	0	-	-
Copper Basin	22	90	123
Matanuska-Susitna Basin	22	76	143
Northern Cook Inlet	6	88	83
Kenai Peninsula	20	72	82
Western Gulf of Alaska	8	79	102
Southeast Alaska	7	90	47

Alaska Statewide Precipitation Maps

Monthly Precipitation for January, 2026

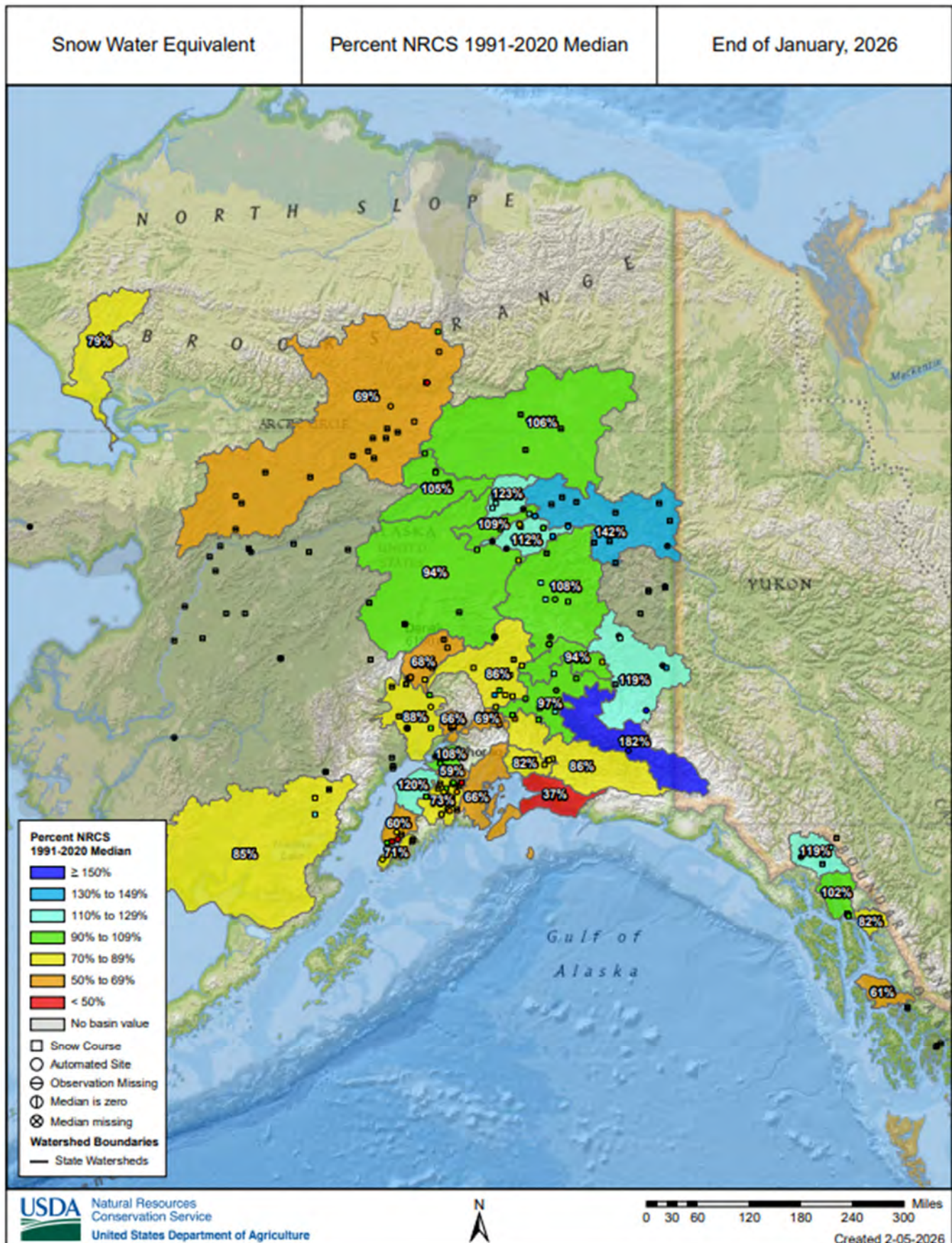


Water Year-to-Date Precipitation (Oct. 1, 2025-Jan. 31, 2026)

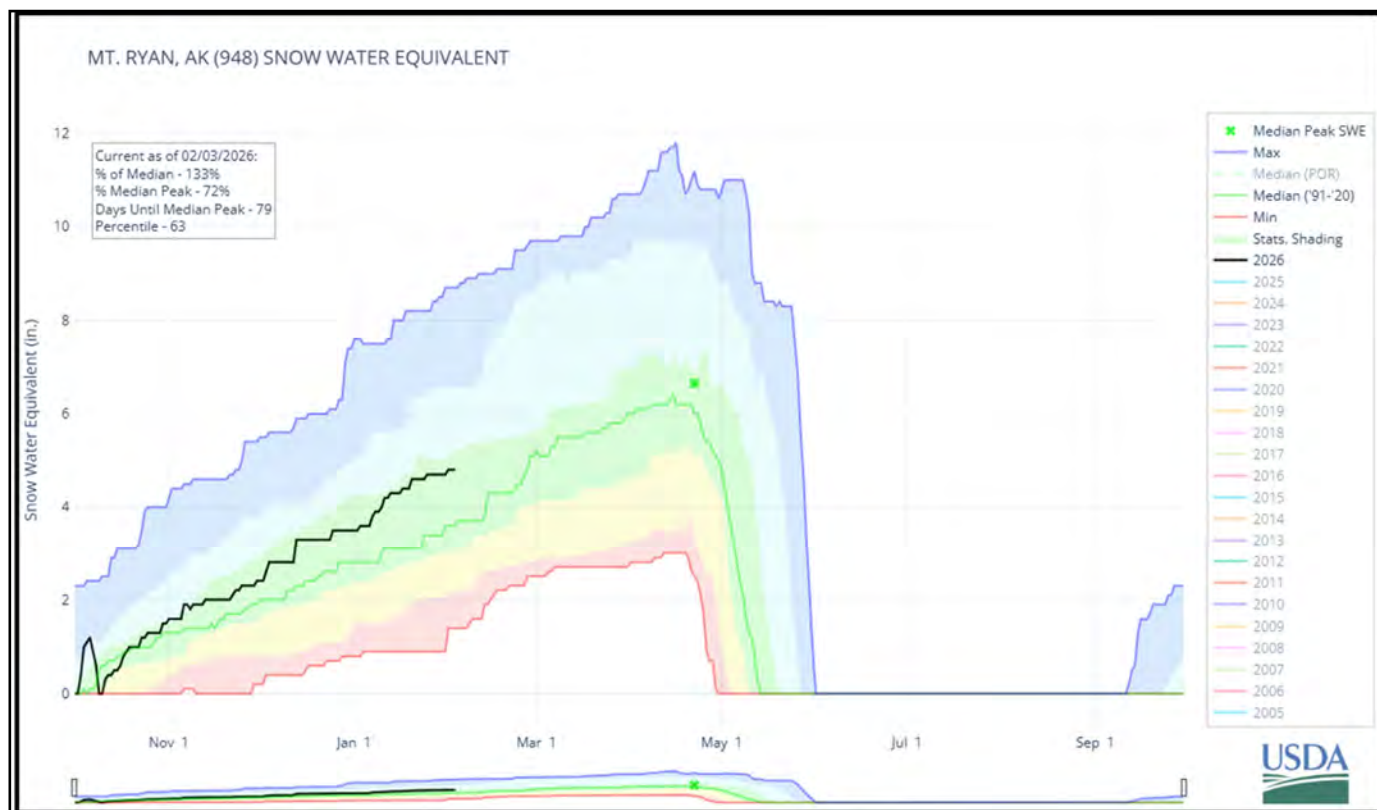


Alaska Statewide Snowpack Map

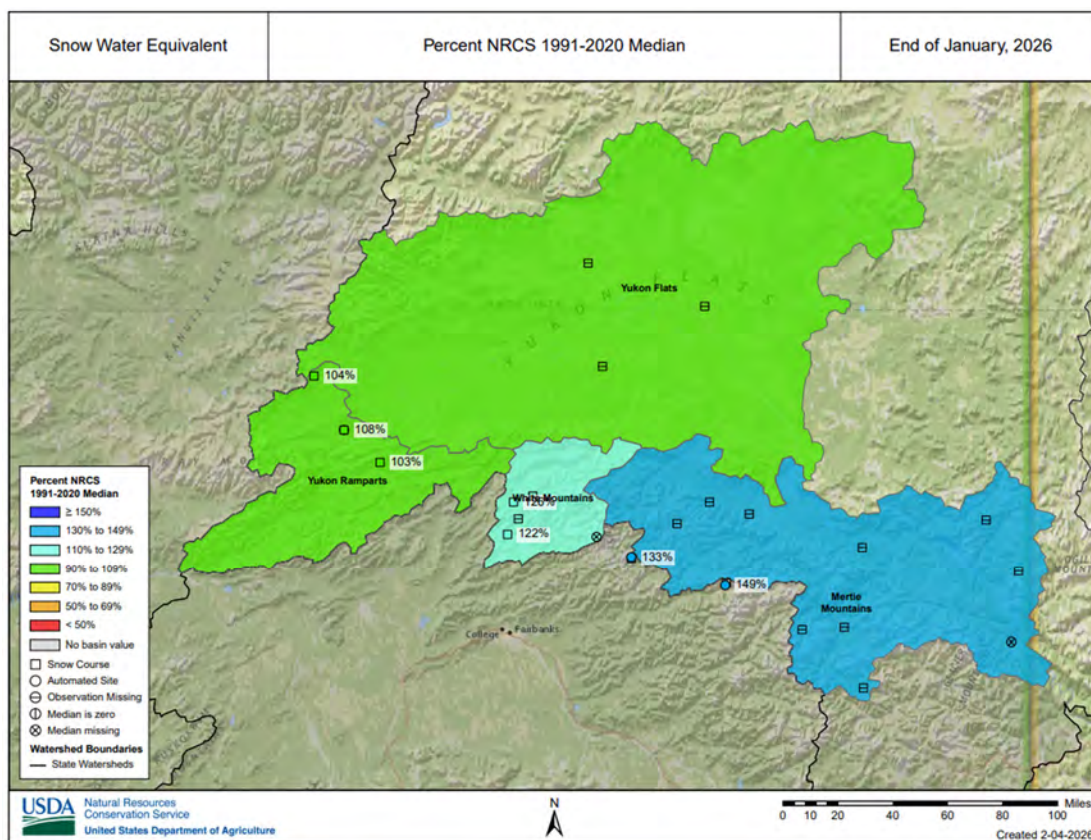
Based on February 1st, 2026 Snow Water Equivalent



Central Yukon Basin



Snowpack Map



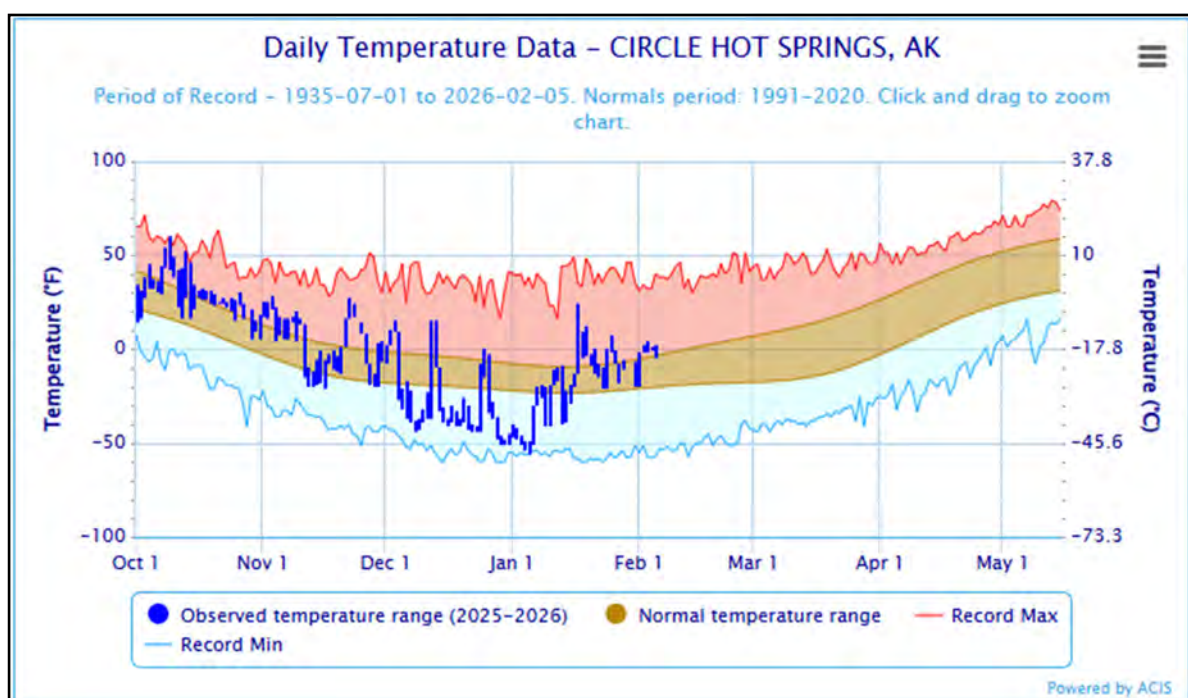
Central Yukon Basin

Snowpack

Snowpack in the Central Yukon is above normal on February 1. The two higher elevation measurements, Mount Ryan and Upper Chena SNOTELs, on the divide between the Tanana and Yukon, are reporting the most substantial snowpack. These stations received substantial snowfall in October that was measured as rain elsewhere in the basin. Steady gains were made at the stations through November, December and January. The stations near the Yukon Crossing on the Dalton highway are reporting near normal snowpack at this time.

Temperature Chart

Source: NOAA ACIS



Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
American Creek	1020	5.2	3.3	---	---
Atigun Pass	4780	3.7	6.5	3.8	97%
Eagle Summit	3630	5.1	3.6	3.6	142%
Fort Yukon	440	3.3	5.0	2.6	127%
Jack Wade Jct	3660	4.7	4.3	---	---
Monument Creek	1840	6.7	6.5	4.0	168%
Mt. Ryan	2750	6.0	7.5	3.5	171%
Seven Mile	660	4.5	5.5	---	---
Upper Chena	2790	7.9	---	4.6	172%

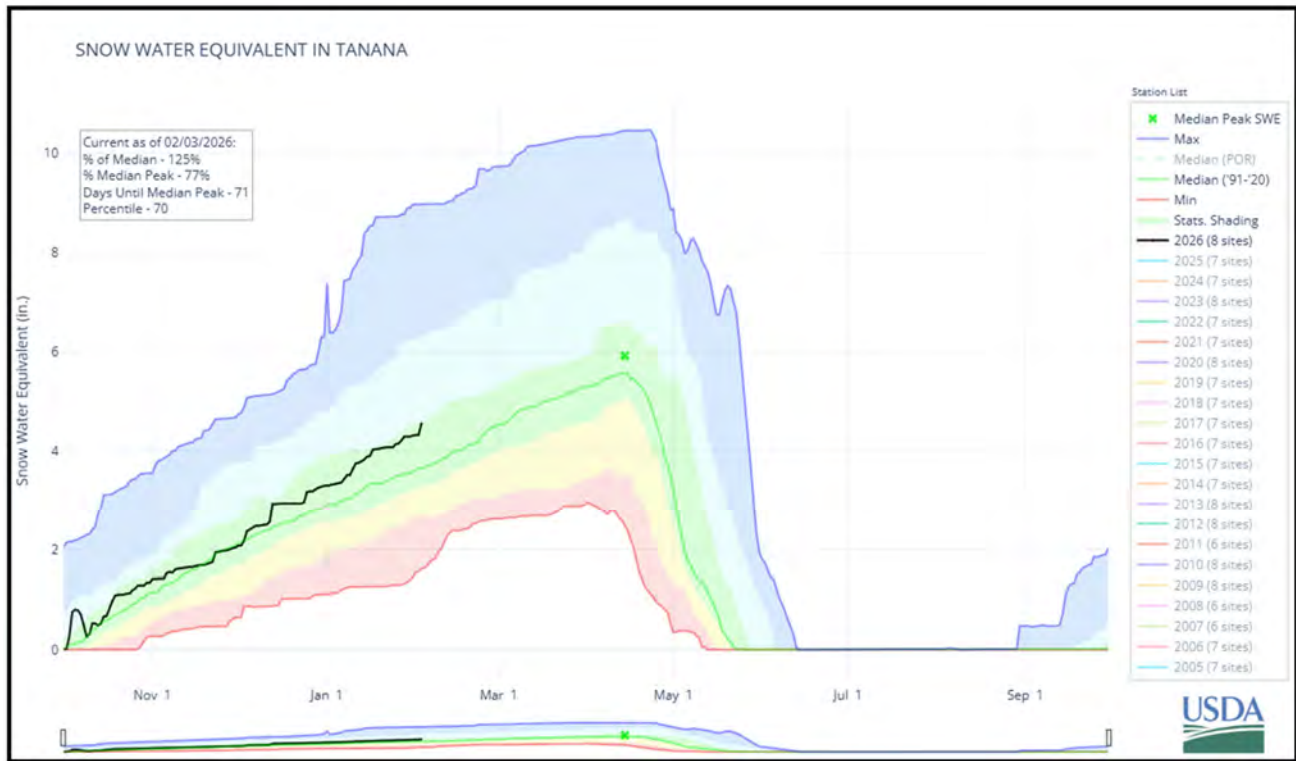
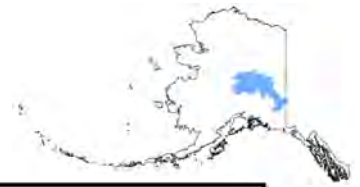
Snowpack Data

Central Yukon Basin

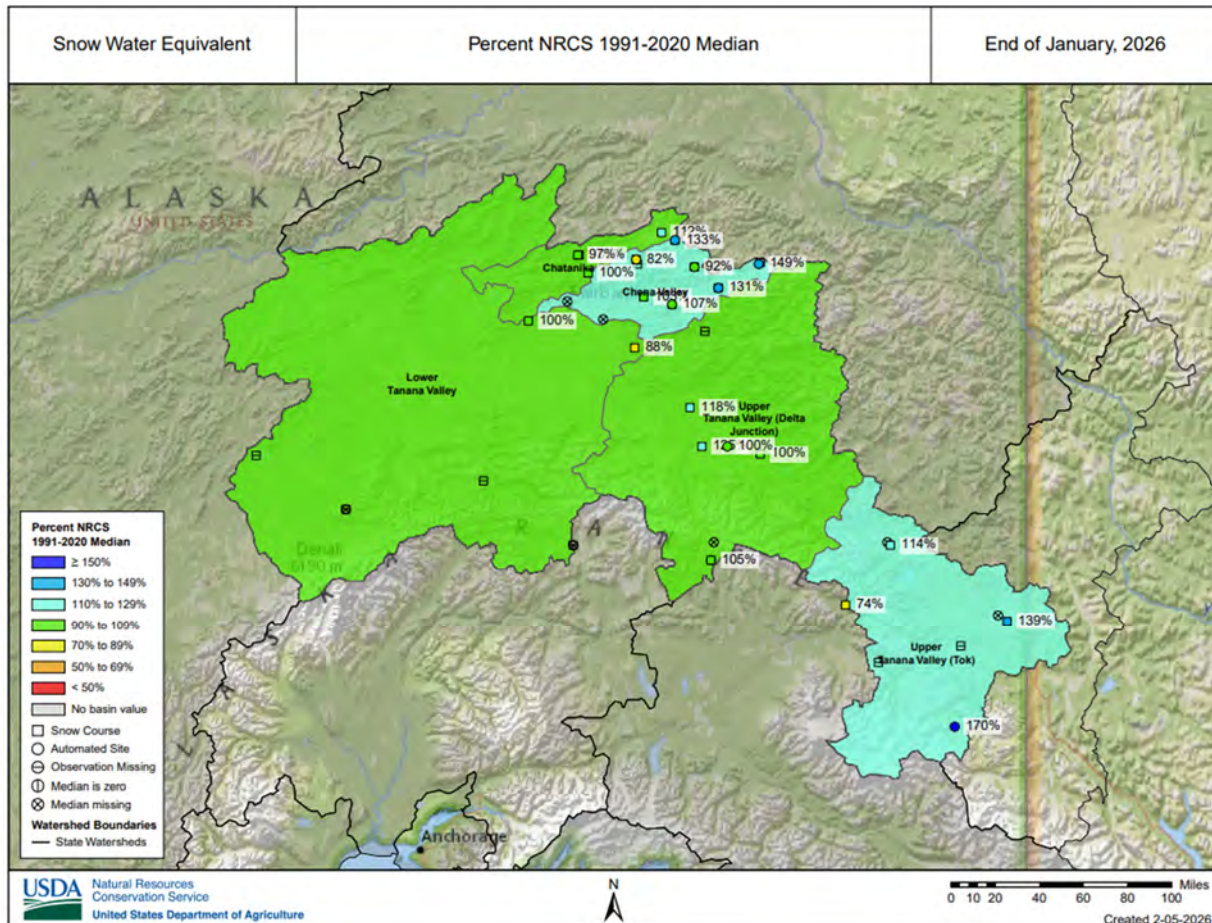
		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
American Creek SNOTEL	1020	11	8	---	1.2	---
Atigun Pass SNOTEL	4780	31	24	---	---	---
Eagle Summit SNOTEL	3630	23	20	---	---	---
Fort Yukon SNOTEL	440	5*	10	---	---	---
Hess Creek	1020	11	16	1.4	2.3	78%
Jack Wade Jct SNOTEL	3660	18*	10	3.4	2.0	---
Monument Creek SNOTEL	1840	6	20	1.4*	3.6	64%
Mt. Ryan SNOTEL	2750	13	26	2.4	5.5	120%
Seven Mile	570	13	17	1.8	2.3	95%
Seven Mile SNOTEL	660	9*	14	1.4*	2.0	---
Thirty Mile	1390	15	22	2.2	3.7	71%
Upper Chena SNOTEL	2790	15	25	3.6	5.2	144%
Upper Nome Creek SNOTEL	2500	8	29	1.8	5.7	---
January 1st						
American Creek SNOTEL	1020	14	14	---	2.5	---
Atigun Pass SNOTEL	4780	30	30	---	---	---
Eagle Summit SNOTEL	3630	27*	21	---	---	---
Fort Yukon SNOTEL	440	10	13	---	---	---
Jack Wade Jct SNOTEL	3660	---	21	4.1	3.5	---
Monument Creek SNOTEL	1840	14	22	2.7*	4.3	90%
Mt. Ryan SNOTEL	2750	20	25	3.5*	6.1	125%
Seven Mile SNOTEL	660	12*	19	2.0*	2.8	---
Upper Chena SNOTEL	2790	25	26	5.3	5.8	161%
Upper Nome Creek SNOTEL	2500	13*	25	2.4*	6.0	---
February 1st						
American Creek SNOTEL	1020	19	16	4.6	3.0	---
Atigun Pass SNOTEL	4780	32	43	---	---	---
Borealis	1360	21	---	3.9	---	122%
Eagle Summit SNOTEL	3630	27	43	---	---	---
Fort Yukon SNOTEL	440	15	24	---	---	---
Hess Creek	1020	23	32	3.8	5.6	103%
Jack Wade Jct SNOTEL	3660	---	22	4.9	4.2	---
Monument Creek SNOTEL	1840	17	24	3.5	5.6	92%
Mt. Ryan SNOTEL	2750	24*	42	4.8	8.5	133%
Seven Mile	570	24	34	3.9	5.7	108%
Seven Mile SNOTEL	660	19	30	3.2*	4.9	---
Thirty Mile	1390	28	42	5.6	7.8	104%
Upper Chena SNOTEL	2790	28	33	6.4	7.0	149%
Upper Nome Creek SNOTEL	2500	11	51	2.6*	9.0	---
Wolf	1200	22	---	3.9	---	126%
*Estimate						

*Estimate

Tanana Basin



Snowpack Map



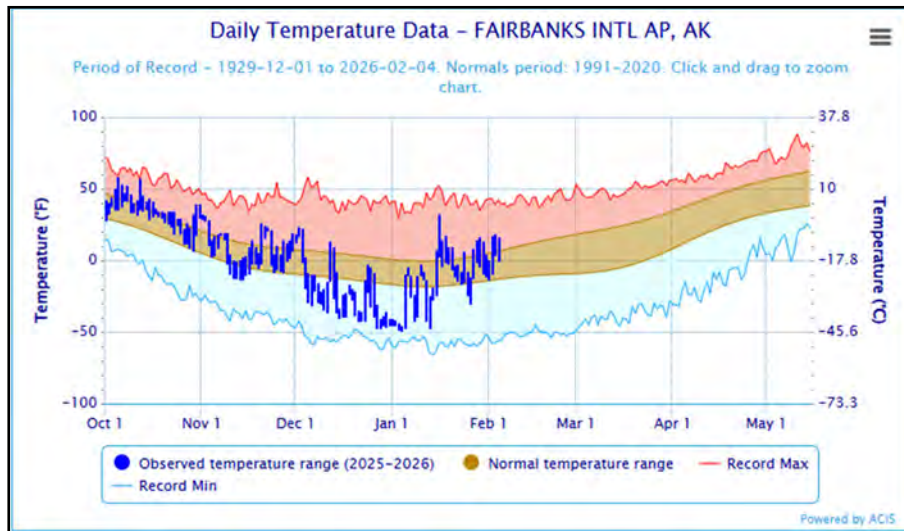
Tanana Basin

Snowpack

Snowpack in the Tanana is above normal on February 1. Generally, the eastern, higher elevation measurements are the most substantially above normal. Chisana, at an elevation of 3300 feet, received substantial October snowfall and is reporting SWE that is the second highest measurement in eighteen years of observation. The lower elevations along the Alaska Highway near Delta Junction and Fairbanks are reporting SWE near their 30-year median value.

Temperature Chart

Source: NOAA ACIS



Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Chena Lakes	500	4.1	4.7	---	---
Chisana	3320	4.6	2.7	2.6	177%
Creamers Field	440	4.4	5.4	---	---
Fielding Lake	3000	9.7	9.5	---	---
Granite Crk	1250	3.5	2.6	3.0	117%
Kantishna	1590	4.3	5.6	4.1	105%
Little Chena Ridge	2150	5.4	7.1	3.4	159%
Monahan Flat	2690	7.1	7.4	5.2	137%
Monument Creek	1840	6.7	6.5	4.0	168%
Mt. Ryan	2750	6.0	7.5	3.5	171%
Munson Ridge	3020	7.2	8.0	5.2	138%
Nenana	370	5.4	6.6	---	---
Paradise Hill	2010	3.6	2.7	---	---
Teuchet Creek	1560	5.1	3.8	3.1	165%
Upper Chena	2790	7.9	---	4.6	172%

Tanana Basin

Snowpack Data

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
Bonanza Creek	1120	8	16	1.1	3.2	92%
Caribou Creek	1230	7	20	1.0	4.2	63%
Caribou Snow Pillow	940	9	20	1.1	4.4	69%
Chena Lakes SNOTEL	500	5	11	0.9	2.7	---
Chisana SNOTEL	3320	9	9	1.8	2.0	120%
Cleary Summit	2250	15	29	2.0	6.4	71%
Colorado Creek	650	9	19	1.1	2.9	65%
Creamers Field SNOTEL	440	1	12	0.9*	2.7	---
Faith Creek	1710	11	21	1.4	3.9	117%
Fielding Lake SNOTEL	3000	17	13	3.3	2.6	---
Fort Greely	1470	10	15	1.3	2.1	100%
French Creek	1940	12	22	1.6	4.0	57%
Gerstle River	1180	9	14	1.3	1.9	81%
Granite Crk SNOTEL	1250	4	9	0.7	1.5	50%
Kantishna SNOTEL	1590	5	14	0.9*	2.4	---
Little Chena Ridge SNOTEL	2150	10	22	1.3	5.0	65%
Look Eyrie SNOTEL	5040	62	48	19.8	16.3	---
Monahan Flat SNOTEL	2690	8	16	1.0	2.9	---
Monument Creek SNOTEL	1840	6	20	1.4*	3.6	64%
Mt. Ryan SNOTEL	2750	13	26	2.4	5.5	120%
Munson Ridge SNOTEL	3020	18	28	3.8	6.2	106%
Nenana SNOTEL	370	8	---	---	---	---
Paradise Hill	2180	12	---	1.8	---	164%
Paradise Hill SNOTEL	2010	11*	10	1.8	2.2	---
Shaw Creek Flats	960	7	10	0.6	1.5	60%
Teuchet Creek SNOTEL	1560	6	13	1.6	---	84%
Tok SNOTEL	1640	11	11	1.8	2.5	---
Upper Chena SNOTEL	2790	15	25	3.6	5.2	144%
Upper Nome Creek SNOTEL	2500	8	29	1.8	5.7	---
January 1st						
Chena Lakes SNOTEL	500	10	16	2.0	3.7	---
Chisana SNOTEL	3320	19	9	3.0*	2.0	136%
Creamers Field SNOTEL	440	14*	16	2.2	3.7	---
Fielding Lake SNOTEL	3000	16	22	3.6	4.7	---
Granite Crk SNOTEL	1250	9	11	1.5*	2.1	68%
Kantishna SNOTEL	1590	14	19	2.6	3.5	---
Little Chena Ridge SNOTEL	2150	16	---	2.5	5.2	83%
Look Eyrie SNOTEL	5040	60	72	21.8*	23.3	---
Monahan Flat SNOTEL	2690	11*	19	1.7	3.8	---
*Estimate						

*Estimate

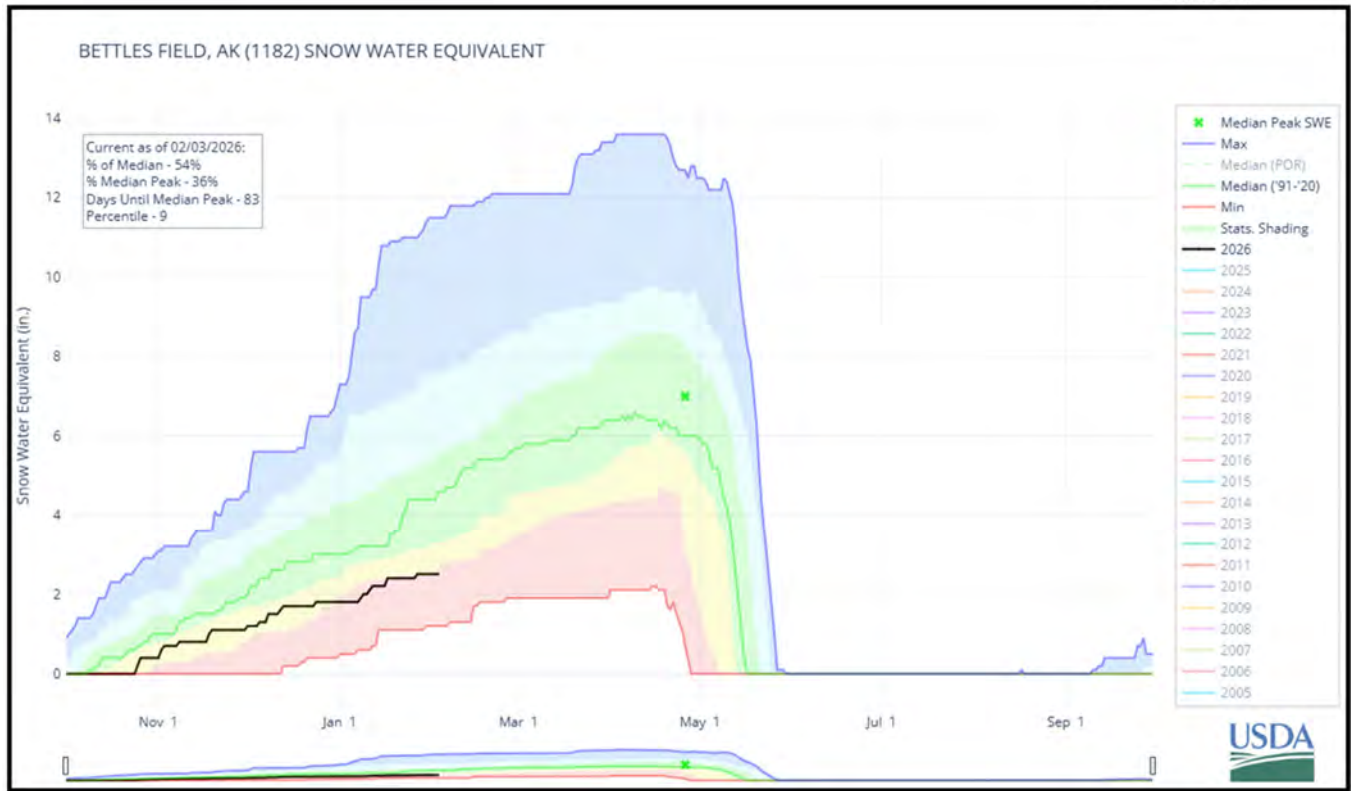
Tanana Basin

Snowpack Data (continued)

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 Normal
January 1st (continued)						
Monument Creek SNOTEL	1840	14	22	2.7*	4.3	90%
Mt. Ryan SNOTEL	2750	20	25	3.5*	6.1	125%
Munson Ridge SNOTEL	3020	24	31	4.9	7.3	114%
Nenana SNOTEL	370	16*	12	---	---	---
Paradise Hill SNOTEL	2010	15*	13	2.6	2.7	---
Teuchet Creek SNOTEL	1560	13	17	3.0	---	125%
Tok SNOTEL	1640	14	14	2.5	2.8	---
Upper Chena SNOTEL	2790	25	26	5.3	5.8	161%
Upper Nome Creek SNOTEL	2500	13*	25	2.4*	6.0	---
February 1st						
Bonanza Creek	1120	21	21	3.8	4.8	100%
Caribou Creek	1230	17	25	3.1	5.8	97%
Caribou Snow Pillow	940	19	25	3.4	5.7	103%
Chena Lakes SNOTEL	500	12	13	2.6	4.0	---
Chisana SNOTEL	3320	22	11	4.6	2.4	170%
Cleary Summit	2250	24	37	4.4	8.5	100%
Colorado Creek	650	19	19	3.0	4.0	103%
Creamers Field SNOTEL	440	13*	16	2.8	4.2	---
Faith Creek	1710	22	25	3.6	5.1	113%
Fielding Lake SNOTEL	3000	30	41	6.3	9.1	---
Fielding Lake	3010	38	---	6.6	---	105%
Fort Greely	1470	18	12	3.0	2.4	125%
French Creek	1940	20	25	3.6	6.0	88%
Gerstle River	1180	15	11	2.4	2.5	100%
Granite Crk SNOTEL	1250	12	11	2.8	2.6	100%
Kantishna SNOTEL	1590	13*	18	3.2*	3.8	---
Little Chena Ridge SNOTEL	2150	17	25	2.8*	6.1	82%
Look Eyrie SNOTEL	5040	74	126	25.2	39.8	---
Mentasta Pass	2470	18	22	2.8	4.2	74%
Monahan Flat SNOTEL	2690	23	36	4.4	7.1	---
Monument Creek SNOTEL	1840	17	24	3.5	5.6	92%
Mt. Ryan SNOTEL	2750	24*	42	4.8	8.5	133%
Munson Ridge SNOTEL	3020	27	39	5.9*	8.8	107%
Nenana SNOTEL	370	21	11	---	---	---
Paradise Hill	2180	18	19	3.2	3.2	139%
Paradise Hill SNOTEL	2010	16*	14	3.1	2.9	---
Shaw Creek Flats	960	15	11	2.6	2.4	118%
Teuchet Creek SNOTEL	1560	15	16	3.8	---	131%
Tok SNOTEL	1640	18	14	3.0	3.3	---
Tok Junction	1680	24	18	3.2	3.3	114%
Upper Chena SNOTEL	2790	28	33	6.4	7.0	149%
Upper Nome Creek SNOTEL	2500	11	51	2.6*	9.0	---
*Estimate						

*Estimate

Western Interior Basins



Snowpack

Koyukuk

Snowpack in the Koyukuk is low on February 1. The 1.7 inches of SWE measured at the Coldfoot SNOTEL is the second lowest in its thirty-year record. Bettles Field, Disaster Creek and Bonanza Forks were all measured at 57% of their 30-year median. The only near normal measurement was taken at Table Mountain, the highest measurement on the Dalton Highway heading towards Atigun Pass.

Kuskokwim

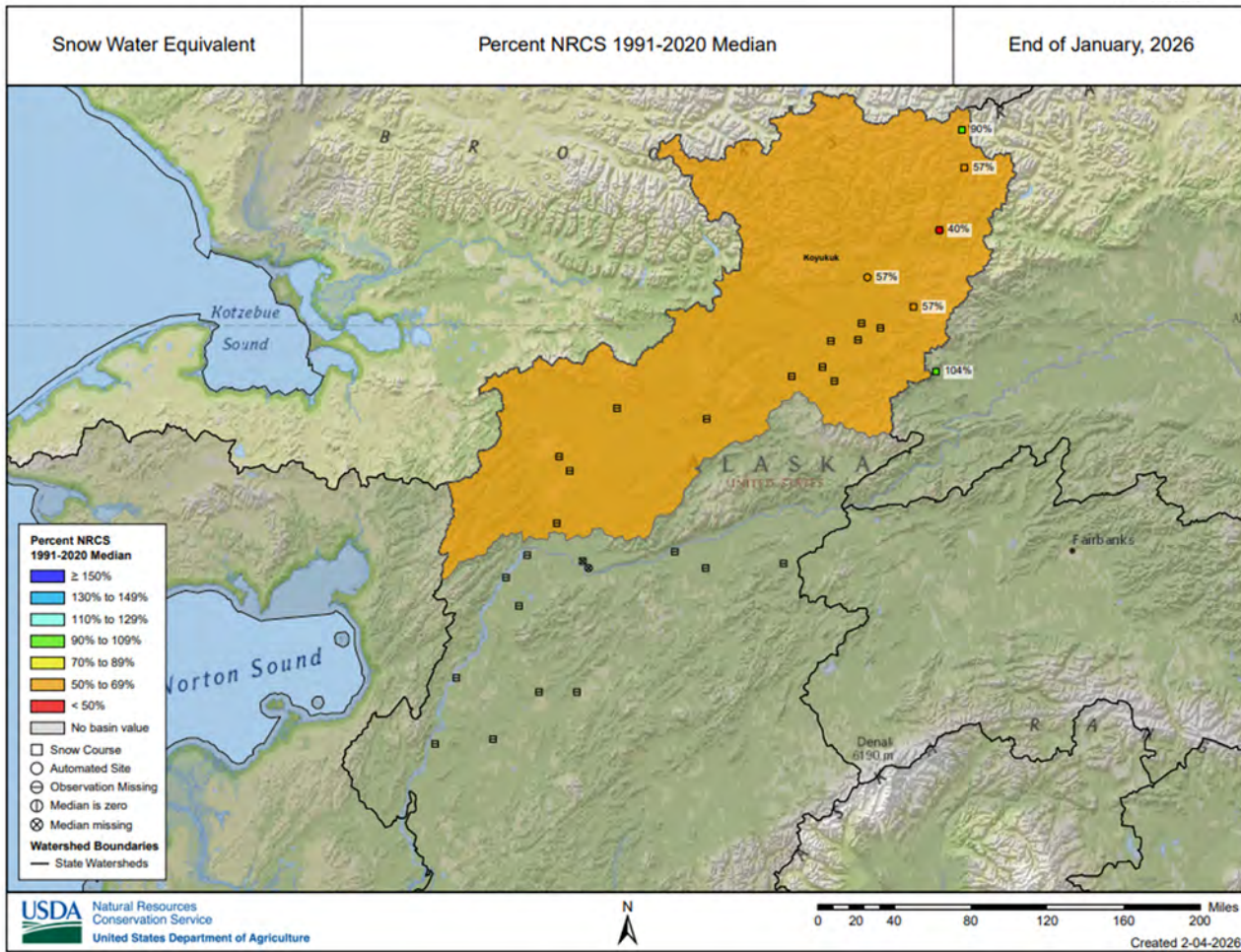
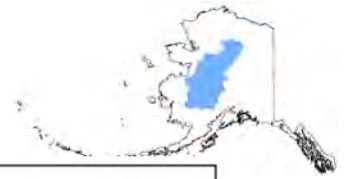
Making a statement about snowpack in the Kuskokwim on February 1 is difficult. At the McGrath SNOTEL the 3.2 inches of SWE is the lowest February 1 reading in the stations limited seven-year record. Comparing this to the no longer measured snow course in McGrath suggests a snowpack that is around 80 percent of its 30-year Median. The Telaquana Lake SNOTEL suggests a similar value. At Aniak, the snow depth readings suggest a normal snowpack for the date. And the snow depth readings at Bethel Airport suggests above normal.

Lower Yukon

There is not much snow data from the Lower Yukon on February 1. The Aerial Markers around Galena were not able to be flown this month. The only snow measurements are from Galena, where the Galena AK SNOTEL is reporting the lowest SWE in its period of record. The Galena Ecological Site has a slightly longer record and was measured with a SWE that was only lower in 2017.

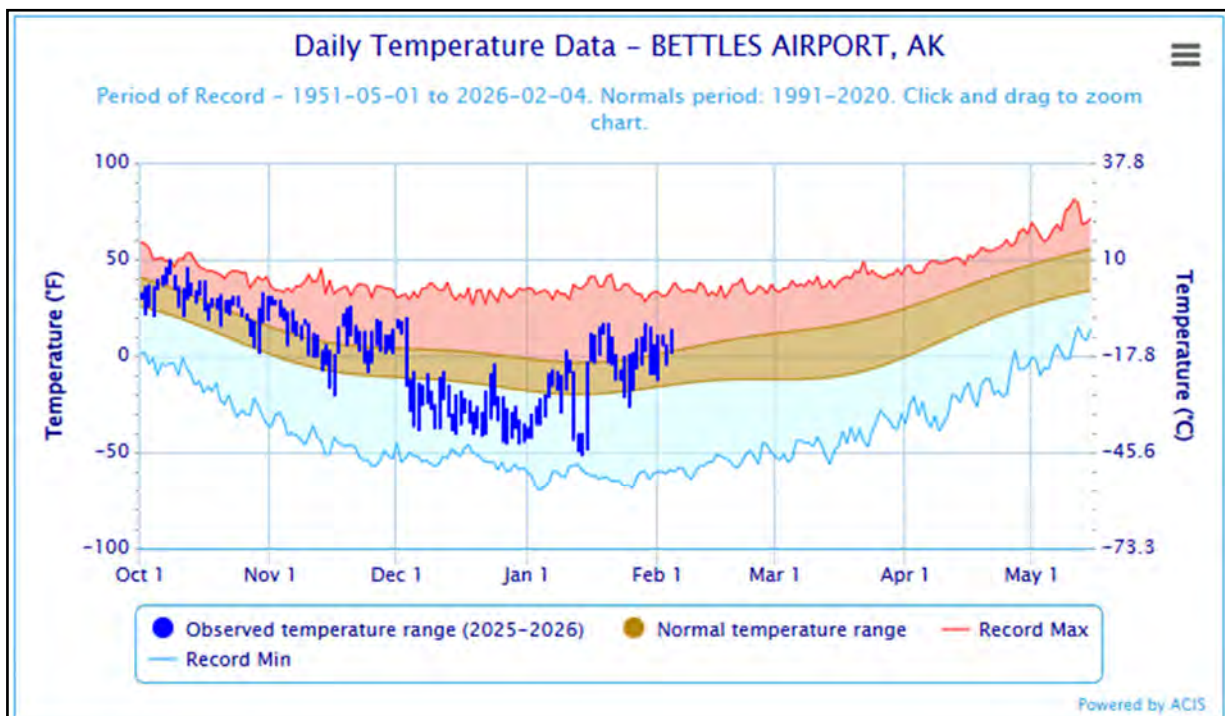
Western Interior Basins

Snowpack Map



Temperature Data

Source: NOAA ACIS



Western Interior Basins

Precipitation Data

		Inches Accumulated since October 1st			
Site Name	Elev.	This Year	Last Year	1991-2020 Normal	% of Normal
Koyokuk					
Bettles Field	640	4.8	7.3	4.9	98%
Coldfoot	1070	4.6	7.6	4	115%
Gobblers Knob	2040	6.0	6.2	4.5	133%
Kuskokwim					
Aniak	90	9.6	6.9	4.6	209%
McGrath	340	5.9	8.4	---	---
Telaquana Lake	1250	6.1	4.0	---	---
Lower Yukon					
Galena AK	340	5.0	5.3	---	---

Snowpack Data

Site Name	Elev.	Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020 % of Normal
Koyukuk						
December 1st						
Bettles Field SNOTEL	640	6	11	1.2	2.5	60%
Bonanza Forks	1050	12	16	1.0	1.7	53%
Coldfoot SNOTEL	1070	5	15	0.8	2.8	40%
Coldfoot	1060	8	17	0.9	2.7	---
Disaster Creek	1560	9	15	0.9	1.9	45%
Gobblers Knob SNOTEL	2040	1	10	---	---	---
Table Mountain	2210	13	13	2.0	1.8	100%
Thirty Mile	1390	15	22	2.2	3.7	71%
January 1st						
Bettles Field SNOTEL	640	5*	16	1.8*	3.4	60%
Coldfoot SNOTEL	1070	7*	18	1.2	3.5	40%
Gobblers Knob SNOTEL	2040	4	8	---	---	---
February 1st						
Bettles Field SNOTEL	640	11	38	2.5	7.6	57%
Bonanza Forks	1050	17	---	2.4	---	57%
Coldfoot SNOTEL	1070	11*	41	1.7	7.8	40%
Coldfoot	1060	15	43	2.0	8.1	---
Disaster Creek	1560	15	---	1.6	---	57%
Gobblers Knob SNOTEL	2040	1	22	---	---	---
Table Mountain	2210	18	---	2.8	---	90%
Thirty Mile	1390	28	42	5.6	7.8	104%
<i>*Estimate</i>						

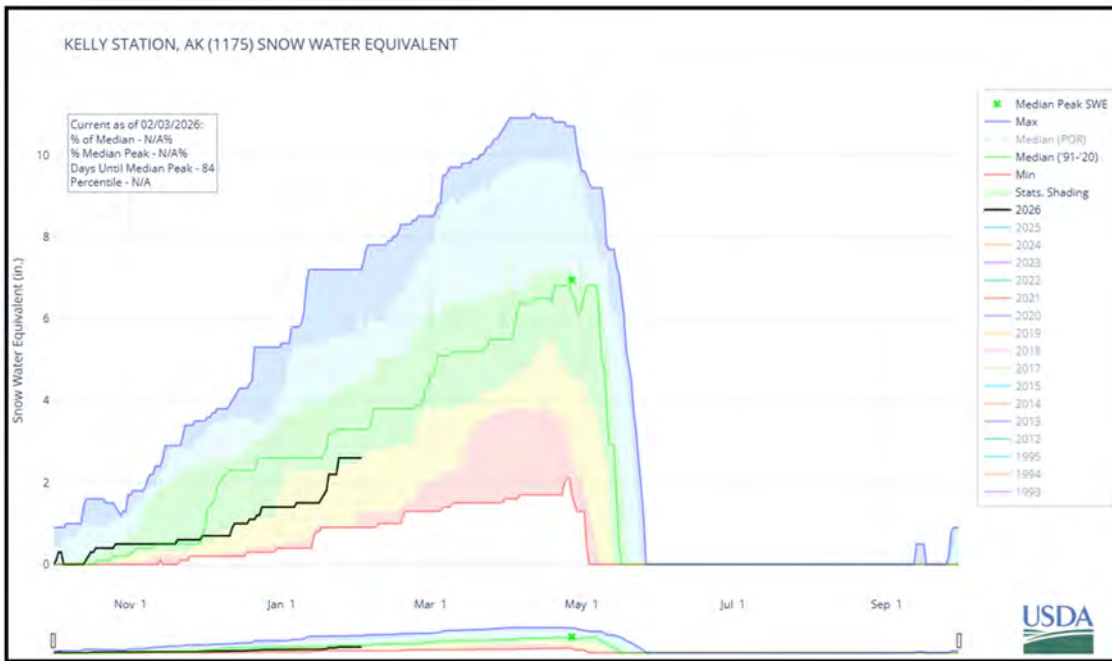
*Estimate

Western Interior Basins

Snowpack Data -continued

Site Name	Elev.	Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020 % of Normal
Kuskokwim						
December 1st						
Aniak SNOTEL	90	8	4	1.4	1.4	---
McGrath SNOTEL	340	7	11	1.1	2.1	---
Telaquana Lake SNOTEL	1250	5	10	1.1	1.6	---
January 1st						
Aniak SNOTEL	90	11	0	2.6*	0.0	---
McGrath SNOTEL	340	13	14	2.2	3.1	---
Telaquana Lake SNOTEL	1250	8	7	2.0*	1.2	---
February 1st						
Aniak SNOTEL	90	13	9	3.0	1.7	---
McGrath SNOTEL	340	18*	22	3.2	7.0	---
Telaquana Lake SNOTEL	1250	14	3	3.1	0.0	---
Lower Yukon						
December 1st						
Galena AK SNOTEL	340	9	7	1.6	1.6	---
Hozatka Lake SNOTEL	220	8	7	---	---	---
January 1st						
Galena AK SNOTEL	340	13*	13	2.8*	3.2	---
February 1st						
Galena AK SNOTEL	340	17	27	3.4	5.2	---
Galena Ecological Site	150	22	25	3.5*	3.6	---
Hozatka Lake SNOTEL	220	15	23	---	---	---
*Estimate						

Arctic and Kotzebue Sound



Snowpack

Arctic

On February 1, 2026, the stations along the Dalton Highway north of the Brooks Range are reporting above normal precipitation for the year. Sagwon has received 3.1 inches of precipitation since October 1, 155% of its 30-year Median and the 3rd wettest in its thirty-nine-year record. The 3.37 inches recorded at the Utqiagvik Airport is the third 3rd wettest in ninety-seven years of observation. Above normal precipitation since October 1st suggest above normal snowpack, although measuring snow in this environment is notoriously challenging.

Kotzebue

The Kotzebue region has few points that provide snow and precipitation data. Kelly Station SNOTEL is one of the few measurement sites in the area and is reporting below Normal snowpack as of February 1, 2026. The station's 2.6 inches of SWE is approximately three quarters of the normal snowpack for this date. This is bolstered by gains made since the middle of January. Southeast of Kelly Station, Dahl Creek is reporting the shallowest snowpack in its meager four-year record. The current SWE of 2.8 inches is half of the previous lowest measurement made at this station in February of 2024.

Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Atigun Pass	4780	3.7	6.5	3.8	97%
Dahl Creek	250	7.0	9.7	---	---
Imnaviat Creek	3060	3.0	3.1	2.1	143%
Kelly Station	300	6.1	3.4	3.9	156%
Prudhoe Bay	50	1.6	3.5	1.9	84%
Sagwon	1000	3.1	2.7	2	155%

Arctic and Kotzebue Sound

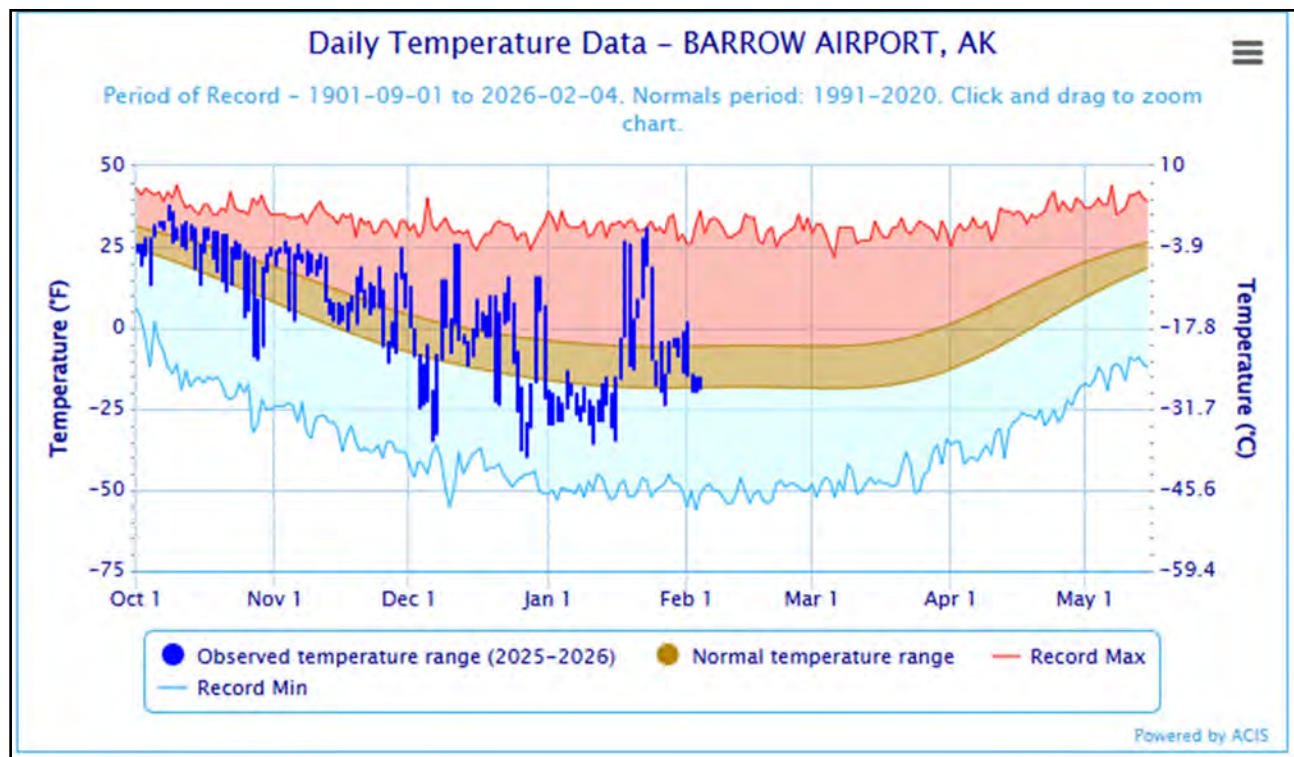
Snowpack Data

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 % of Normal
December 1st						
Atigun Pass SNOTEL	4780	31	24	---	---	---
Dahl Creek SNOTEL	250	8	18	1.3	3.7	---
Imnaviat Creek SNOTEL	3060	13	26	---	---	---
Kelly Station SNOTEL	300	4	6	0.7*	0.7	78%
Prudhoe Bay SNOTEL	50	6	8	---	---	---
Sagwon SNOTEL	1000	5	13	---	---	---
January 1st						
Atigun Pass SNOTEL	4780	30	30	---	---	---
Dahl Creek SNOTEL	250	12	24	2.1	4.9	---
Imnaviat Creek SNOTEL	3060	27	23	---	---	---
Kelly Station SNOTEL	300	9	7	1.4*	0.8	54%
Prudhoe Bay SNOTEL	50	9	8	---	---	---
Sagwon SNOTEL	1000	8	19	---	---	---
February 1st						
Atigun Pass SNOTEL	4780	32	43	---	---	---
Dahl Creek SNOTEL	250	15	46	2.8	9.8	---
Imnaviat Creek SNOTEL	3060	30	24	---	---	---
Kelly Station SNOTEL	300	16	13	2.6	2.1	79%
Prudhoe Bay SNOTEL	50	16	11	---	---	---
Sagwon SNOTEL	1000	15	10	---	---	---
*Estimate						

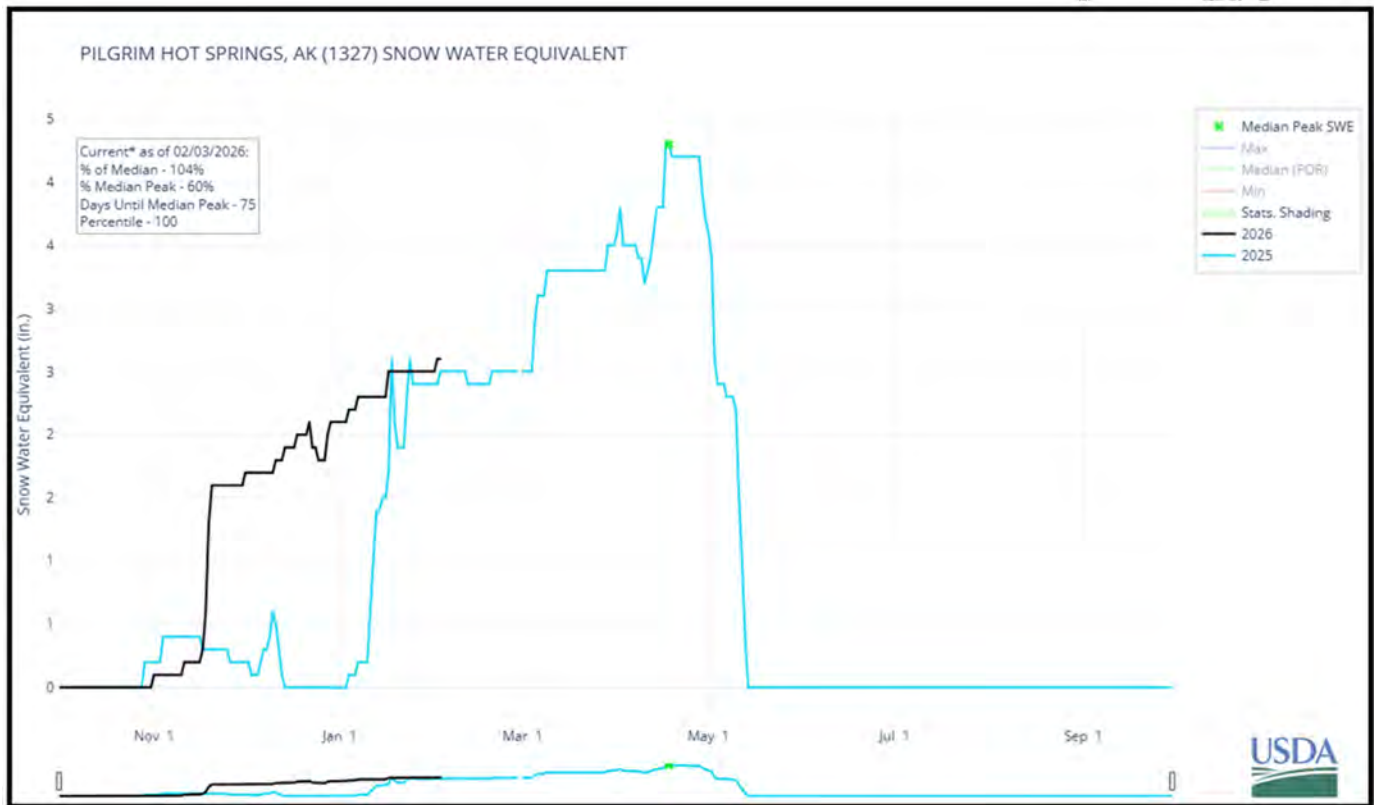
*Estimate

Temperature Data

Source: NOAA ACIS



Norton Sound/Y-K Delta/Bristol Bay

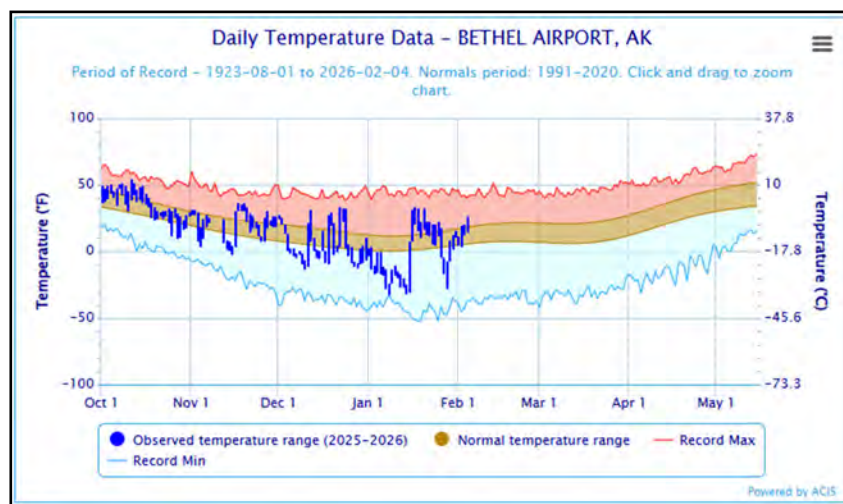


Snowpack

Making a definitive statement about the snowpack on the far western portion of coastal Alaska on February 1 is challenging. Precipitation measured at Nome Airport and Pargon Creek SNOTEL is above normal for the year. These numbers are bolstered by substantial rainfall in October. Pargon Creek reported the wettest October in its twenty-five year record. Below normal precipitation in the subsequent months, as well as the snow depth reported at Pargon Creek suggest below normal snowpack on the Seward Peninsula. On the north side of the Alaska Peninsula in the drainages that feed Bristol Bay there may be above normal snowpack. The Port Alsworth Snow Course was measured with slightly above 30-year Median SWE. There are 22 inches of snow depth at the recently installed Snake Lake SNOLITE, near Dillingham. In years to come this will be a tremendously helpful resource in this region.

Temperature Data

Source: NOAA ACIS



Norton Sound/Y-K Delta/Bristol Bay

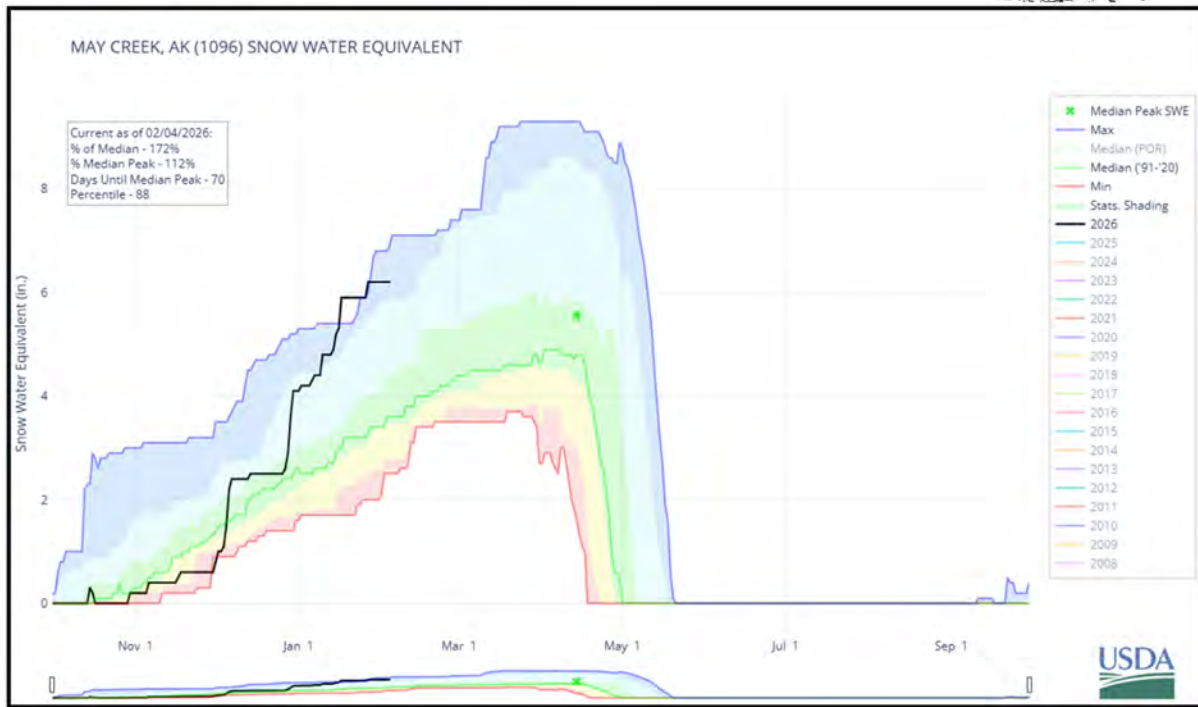
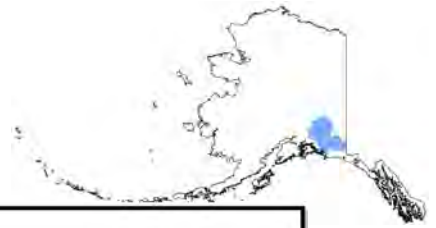
Snowpack Data

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 % of Normal
December 1st						
Aniak SNOTEL	90	8	4	1.4	1.4	---
Johnsons Camp SNOTEL	10	1	---	---	---	---
Pargon Creek SNOTEL	90	1	2	---	---	---
Pilgrim Hot Springs SNOTEL	20	7	2	1.7	0.2	---
Rocky Point SNOTEL	180	2	6	---	---	---
Snake Lake SNOLITE	230	7	---	---	---	---
January 1st						
Aniak SNOTEL	90	11	0	2.6*	0.0	---
Igiugig	75	9	---	1.2	---	---
Johnsons Camp SNOTEL	10	0	---	---	---	---
Pargon Creek SNOTEL	90	1*	1	---	---	---
Pilgrim Hot Springs SNOTEL	20	8	0	2.1	0.0	---
Rocky Point SNOTEL	180	14	1	---	---	---
Snake Lake SNOTEL	230	17	---	---	---	---
February 1st						
Aniak SNOTEL	90	13	9	3.0	1.7	---
Fishtrap Lake	1660	26	---	4.9*	---	74%
Igiugig	75	8	---	2.3	---	---
Johnsons Camp SNOTEL	10	1	---	---	---	---
Pargon Creek SNOTEL	90	6	9	---	---	---
Pilgrim Hot Springs SNOTEL	20	9	13	2.5	2.4	---
Port Alsworth	300	15	---	2.6*	---	118%
Rocky Point SNOTEL	180	22	21	---	---	---
Snake Lake SNOTEL	230	22	---	---	---	---
Upper Twin Lakes	2010	14	---	2.8*	---	---
*Estimate						

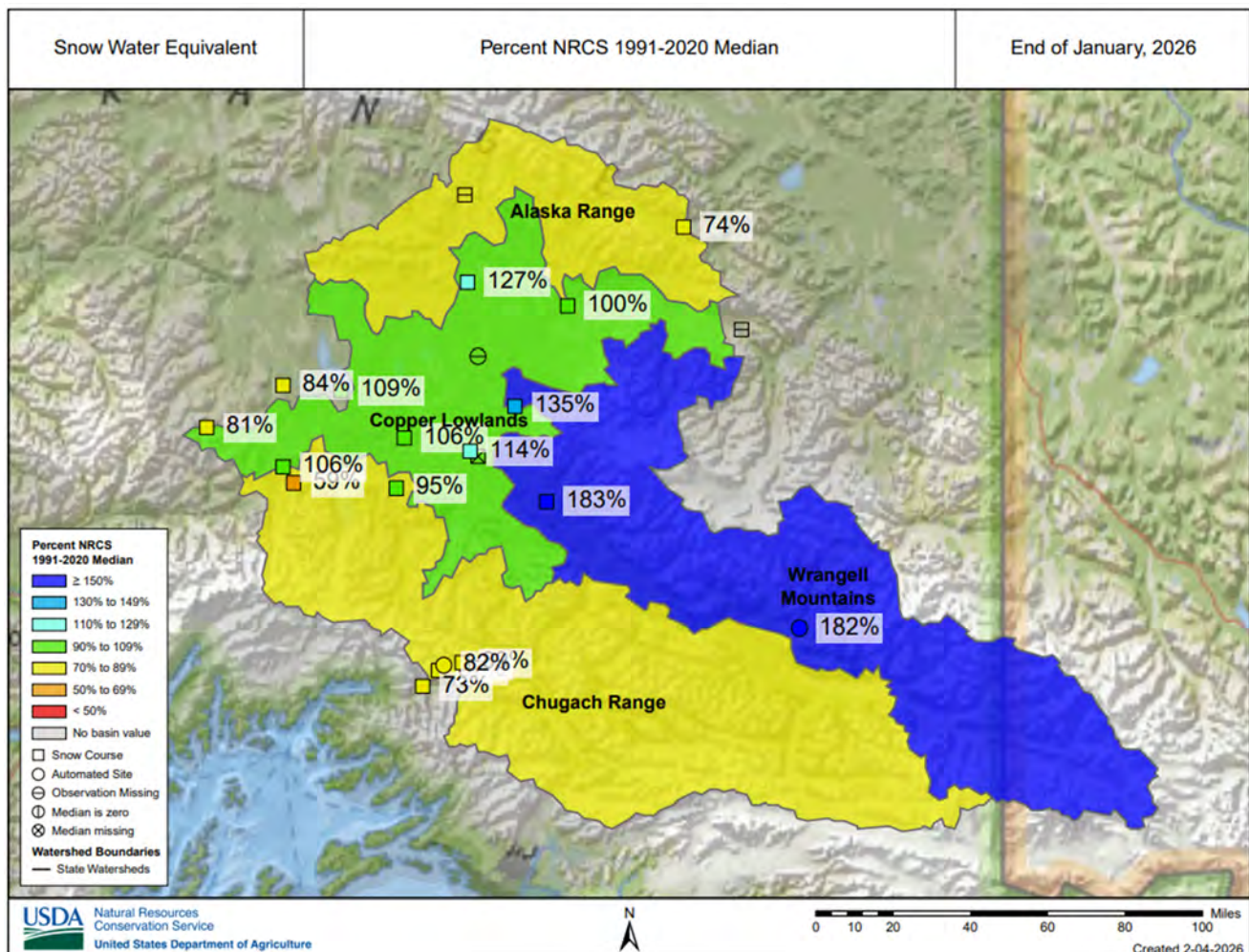
Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Aniak	90	9.6	6.9	4.6	209%
Pargon Creek	90	5.0	---	3.9	128%
Pilgrim Hot Springs	20	5.7	6.6	---	---
Rocky Point	180	3.8	3.9	4.2	90%

Copper Basin



Snowpack Map



Copper Basin

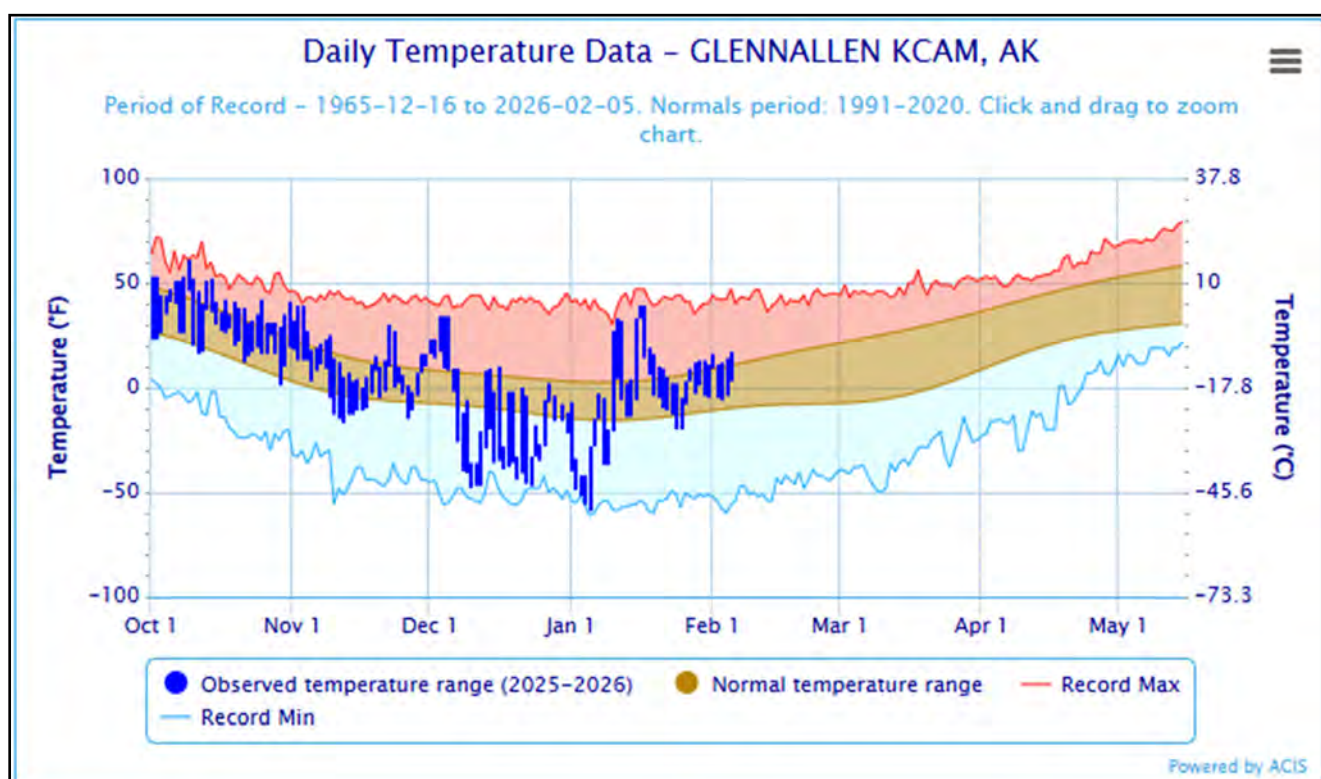
Snowpack

Snowpack in the Copper River basin is a mixed bag on February 1, 2026. Measurements taken in the Chugach Mountains are less than their 30-year median for the date. In the Copper Lowlands and the Eastern Alaska Range SWE is being reported as near normal. The Wrangell Mountains reporting stations are substantially above normal for the date.

The May Creek SNOTEL is reporting 6.2 inches of SWE, the third highest in eighteen years of observation, and only 0.6 inches off its period-of-record high for the date, which was taken in February of 2024. The majority of the SWE at this location came from copious snowfall in December and January. Some of the difference in snowpack between the Wrangells and the Copper Lowlands may be attributed to January rainfall. The Gulkana River SNOTEL, which had been logging subzero temperatures through most of December, warmed from -36 F to above the freezing mark in less than 48 hours in mid January, and recorded rainfall. The majority of this precipitation was snowfall at May Creek.

Temperature Chart

Source: NOAA ACIS



Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Fielding Lake	3000	9.7	9.5	---	---
May Creek	1550	8.8	3.9	4.8	183%
Upper Tsaina River	1730	17.9	20.4	18.8	95%

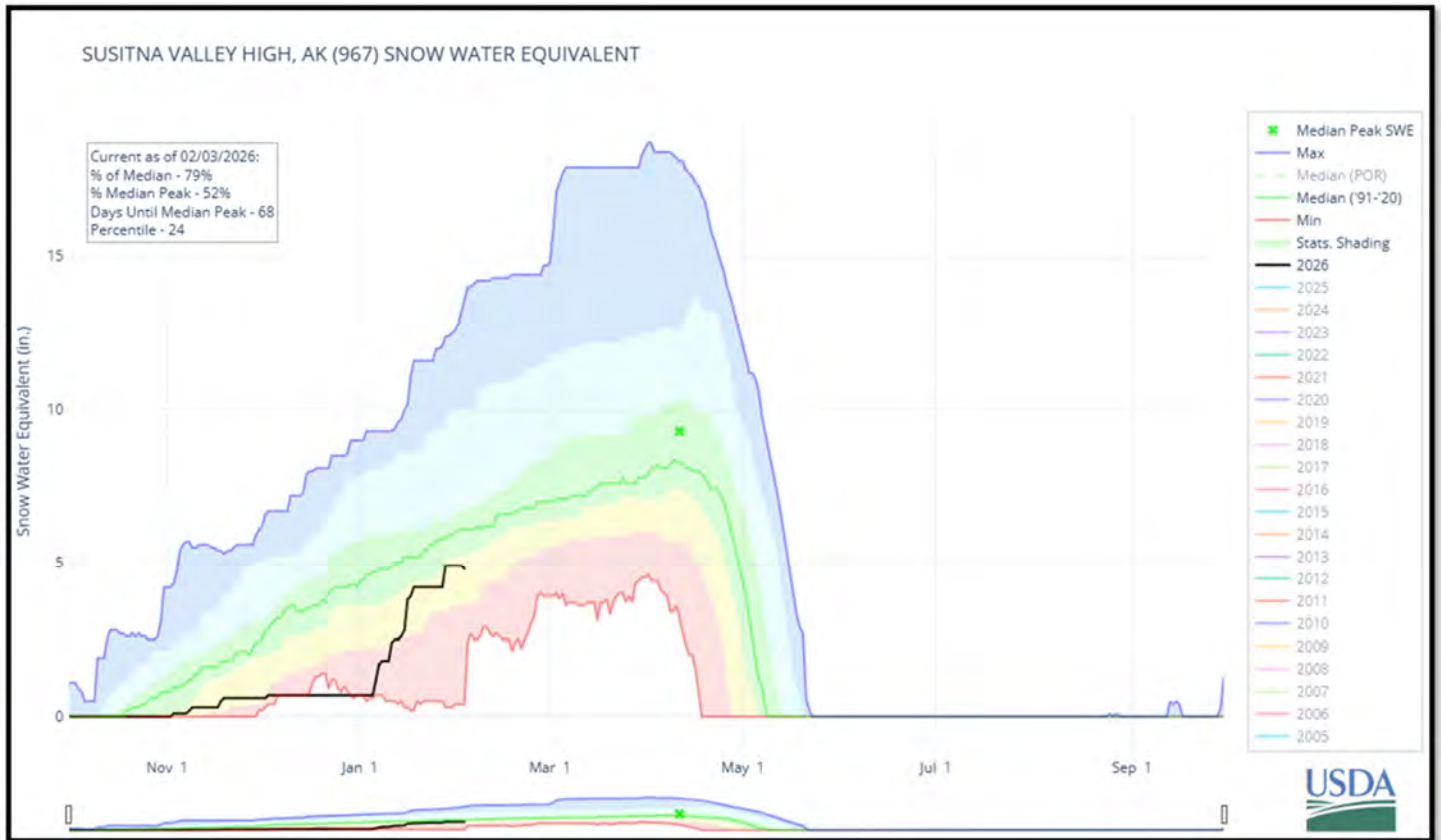
Snowpack Data

Copper Basin

Site NameElev.		Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020
						% of Normal
December 1st						
Copper Center	1300	13	13	1.7	1.9	---
Fielding Lake SNOTEL	3000	17	13	3.3	2.6	---
Gulkana River SNOTEL	1830	10	8	---	---	---
Horsepasture Pass SNOTEL	4220	7*	17	---	---	---
Kenny Lake School	1270	9	15	0.9	2.0	75%
Lake Louise	2410	13	17	1.7	2.8	113%
Little Nelchina	2660	10	---	1.7	---	113%
May Creek SNOTEL	1550	6	9	0.8	1.5	57%
Mt. Eyak SNOTEL	1450	6	10	2.6	3.0	65%
Nicks Valley SNOTEL	4230	52	22	---	---	---
Tazlina	1240	13	12	1.4	1.5	127%
Tolsona Creek	2060	12	12	1.5	1.9	94%
Upper Tsaina River SNOTEL	1730	32	25	4.7	6.0	89%
January 1st						
Fielding Lake SNOTEL	3000	16	22	3.6	4.7	---
Gulkana River SNOTEL	1830	14	13	---	---	---
Horsepasture Pass SNOTEL	4220	10	20	---	---	---
May Creek SNOTEL	1550	26	10	4.1	2.1	158%
Mt. Eyak SNOTEL	1450	15	8	2.5*	1.8	26%
Nicks Valley SNOTEL	4230	28	50	---	---	---
Upper Tsaina River SNOTEL	1730	30	37	6.5	8.4	68%
February 1st						
Chistochina	1940	19	12	2.6	2.1	100%
Copper Center	1300	20	16	3.3	4.1	---
Curtis Lake	2870	17	25	2.7*	4.6	84%
Dadina Lake	2160	40	34	8.4*	8.5	183%
Fielding Lake	3010	38	---	6.6	---	105%
Fielding Lake SNOTEL	3000	30	41	6.3	9.1	---
Gulkana River SNOTEL	1830	19	16	---	---	---
Haggard Creek	2450	32	---	5.2	---	127%
Horsepasture Pass	4220	21	26	3.8*	5.1	81%
Horsepasture Pass SNOTEL	4220	17	26	---	---	---
Kenny Lake School	1270	16	15	2.4	3.6	92%
Lake Louise	2410	19	22	3.5	4.7	109%
Little Nelchina	2660	20	27	3.8	6.2	106%
Lowe River	560	36	45	7.8	13.7	73%
May Creek SNOTEL	1550	30	15	6.2	3.5	182%
Mentasta Pass	2470	18	22	2.8	4.2	74%
Monsoon Lake	3060	21	28	3.8*	5.0	81%
Mt. Eyak SNOTEL	1450	15	32	5.5	11.0	37%
Nicks Valley SNOTEL	4230	69	150	---	---	---
Sanford River	2270	28	13	5.4*	3.4	135%
St. Anne Lake	1980	22	24	3.6*	6.2	95%
Tazlina	1240	20	11	3.2	2.7	114%
Tolsona Creek	2060	20	19	3.4	3.8	106%
Tsaina River	1590	42	54	9.6	14.2	89%
Twin Lakes	2370	6	28	2.6*	6.3	59%
Upper Tsaina River SNOTEL	1730	49	67	11.1*	17.0	82%
Worthington Glacier	2080	56	87	14.8	23.4	87%
*Estimate						

*Estimate

Matanuska—Susitna Basin



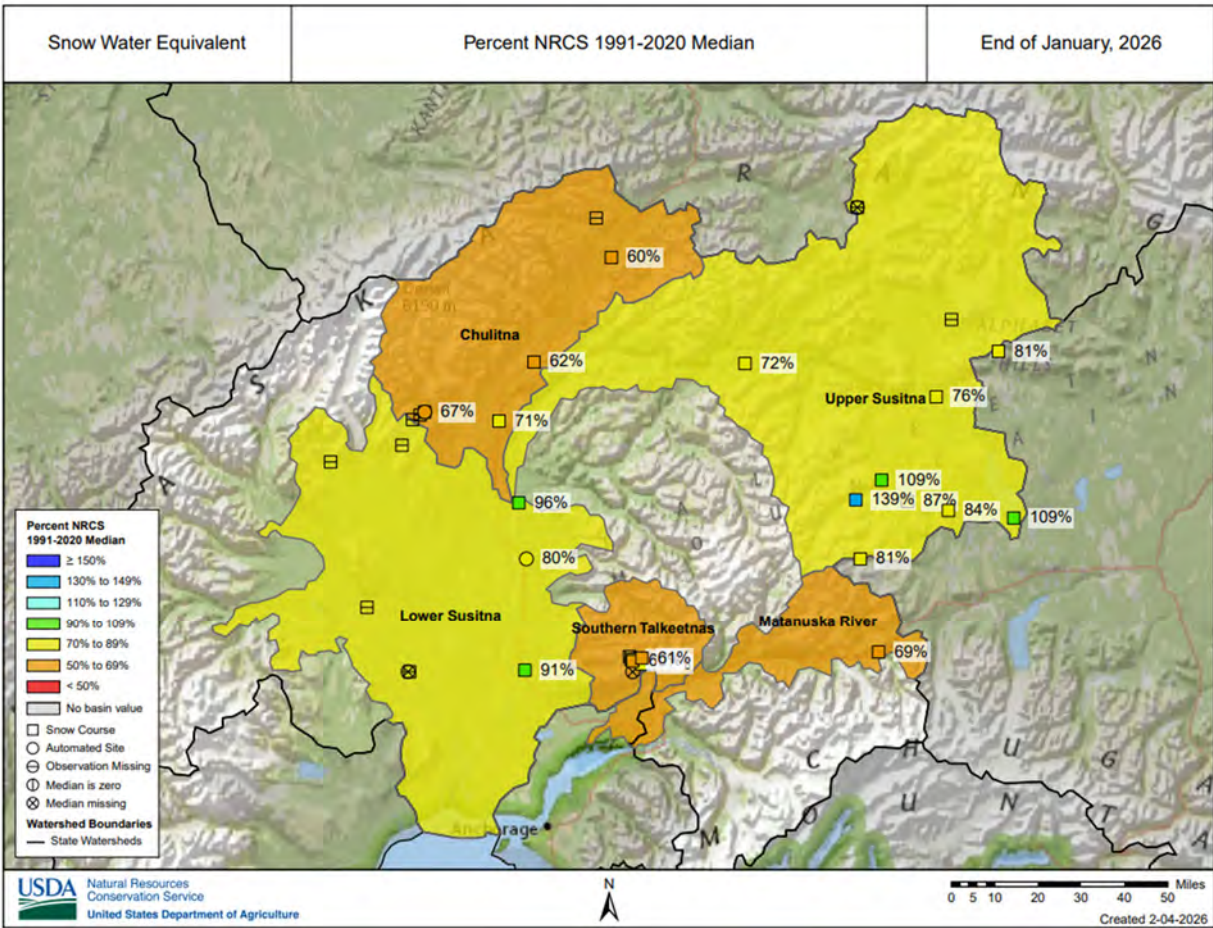
Snowpack

Snowpack in the Matanuska and Susitna basins is below Normal on February 1, 2026. Aside from two Aerial Markers in the higher elevations of the upper Susitna measured with above normal snowpack, and the Willow Airstrip and Talkeetna Snow Courses at near normal, every measurement in these basins is below their 30-year Median.

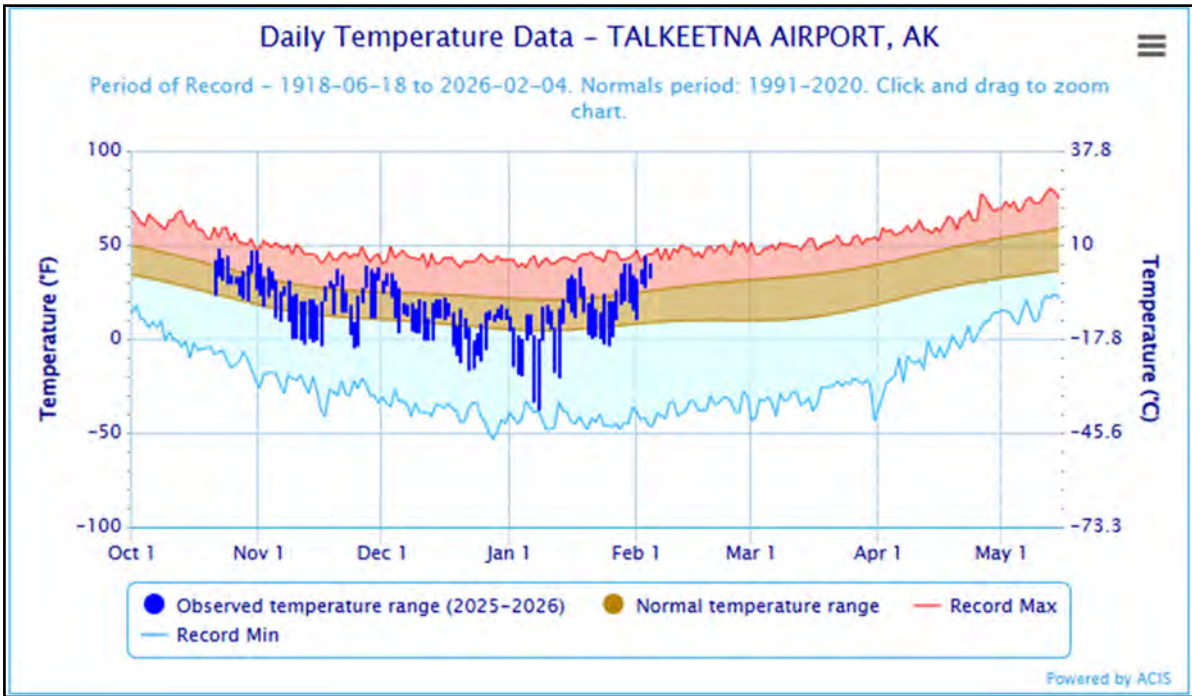
The Southern Talkeetna's, the Chulitna basin, and the Matanuska basin (as measured at the Sheep Mountain Snow Course, the sole measurement in the Matanuska basin), are reporting well below normal SWE for the date. Fishhook Basin snow course, near Hatcher Pass, was measured with 7.3 inches of SWE, 60% of the 30-year Median, and the seventh lowest in sixty-three years of observation.

Matanuska—Susitna Basin

Snowpack Map



Temperature Data



Matanuska—Susitna Basin

Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Alexander Lake	170	12.0	10.4	---	---
Frostbite Bottom	2690	11.3	15.7	---	---
Independence Mine	3450	13.8	15.8	11.2	123%
Monahan Flat	2690	7.1	7.4	5.2	137%
Spring Creek	590	5.0	5.0	---	---
Susitna Valley High	360	9.6	10.9	8.9	108%
Tokositna Valley	840	8.9	23	16.1	55%

Snowpack Data

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
Alexander Lake SNOTEL	170	7	9	1.3*	1.7	---
Archangel Road	2280	6	20	0.8	3.8	22%
Birthday Pass	4010	22	26	4.9	5.7	---
Blueberry Hill	1220	14	17	1.1	2.8	26%
Denali View	750	9	11	1.0	1.6	29%
E. Fork Chulitna	1750	12	17	1.4	3.6	36%
Fishhook Basin	3400	10	20	1.3	4.3	24%
Frostbite Bottom SNOTEL	2690	6	18	1.2	4.4	---
Horsepasture Pass SNOTEL	4220	7*	17	---	---	---
Independence Mine	3450	14	23	3.1	5.2	46%
Independence Mine SNOTEL	3450	12	21	2.2*	4.2	---
Lake Louise	2410	13	17	1.7	2.8	113%
Little Susitna	1730	5	18	0.6	2.9	20%
Monahan Flat SNOTEL	2690	8	16	1.0	2.9	---
Moraine SNOTEL	2010	8	8	2.3	1.4	164%
Sheep Mountain	2870	10	11	1.5	1.5	83%
Spring Creek SNOTEL	590	0*	0	---	---	---
Susitna Valley High SNOTEL	360	4	13	0.6*	1.9	24%
Talkeetna	360	5	12	0.5	1.6	25%
Tokositna Valley SNOTEL	840	15	13	1.6	1.6	46%
Willow Airstrip	210	11	19	0.5	3.0	23%
*Estimate						

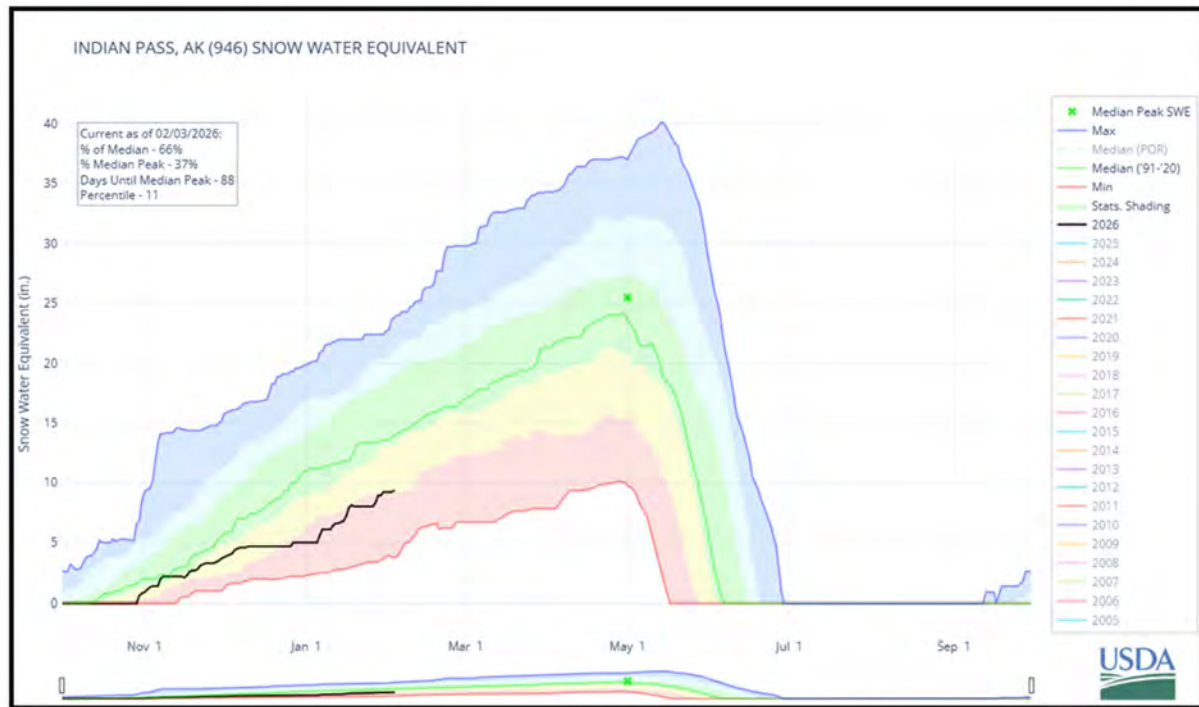
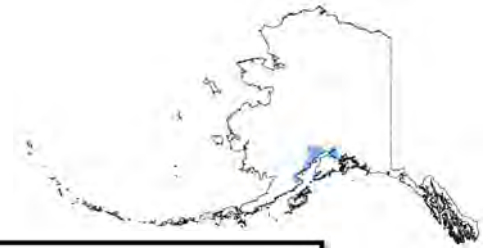
Matanuska—Susitna Basin

Snowpack Data—continued

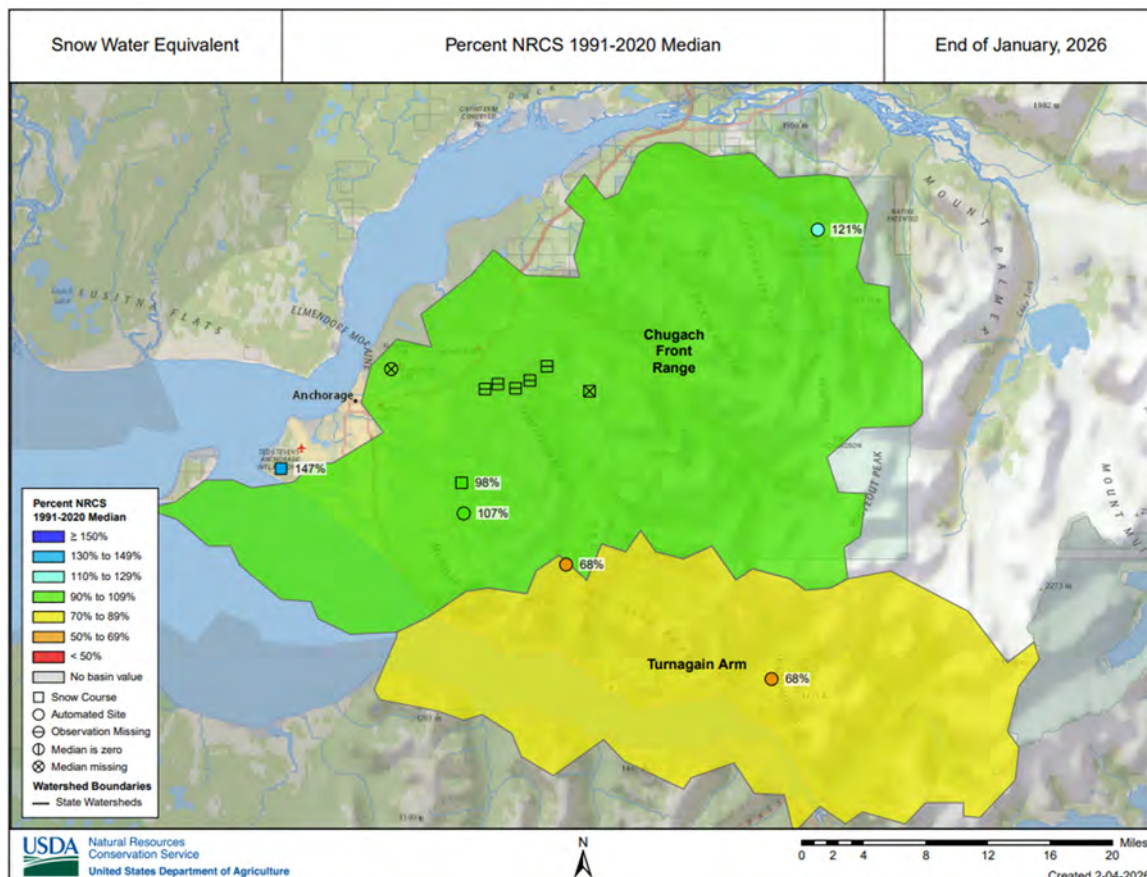
Site Name	Elev.	Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020 Normal
January 1st						
Alexander Lake SNOTEL	170	8	12	1.9	2.6	---
Frostbite Bottom SNOTEL	2690	7	20	1.8*	5.5	---
Horsepasture Pass SNOTEL	4220	10	20	---	---	---
Independence Mine SNOTEL	3450	14	26	2.8	6.1	---
Monahan Flat SNOTEL	2690	11*	19	1.7	3.8	---
Moraine SNOTEL	2010	10	2	2.5*	1.1	89%
Spring Creek SNOTEL	590	0*	0	---	---	---
Susitna Valley High SNOTEL	360	3	13	0.7*	3.1	16%
Tokositna Valley SNOTEL	840	12	16	2.2*	3.9	31%
February 1st						
Alexander Lake SNOTEL	170	33	13	7.7	4.0	---
Archangel Road	2280	23	46	5.1	12.2	61%
Birthday Pass	4010	38	96	10.2	26.6	---
Blueberry Hill	1220	34	92	6.1	15.8	62%
Curtis Lake	2870	17	25	2.7*	4.6	84%
Denali View	750	23	37	5.3	10.8	71%
E. Fork Chulitna	1750	32	50	5.6	12.7	60%
Fishhook Basin	3400	30	72	7.3	19.3	60%
Fog Lakes	2230	18	43	2.9*	10.5	73%
Frostbite Bottom SNOTEL	2690	24	54	5.3	14.0	---
Horsepasture Pass	4220	21	26	3.8*	5.1	81%
Horsepasture Pass SNOTEL	4220	17	26	---	---	---
Independence Mine	3450	39	84	10.3	23.0	70%
Independence Mine SNOTEL	3450	34	72	7.2	19.9	---
Lake Louise	2410	19	22	3.5	4.7	109%
Little Susitna	1730	24	37	5.2	8.7	73%
Monahan Flat SNOTEL	2690	23	36	4.4	7.1	---
Monsoon Lake	3060	21	28	3.8*	5.0	81%
Moraine SNOTEL	2010	20	15	4.7	3.6	121%
Sheep Mountain	2870	18	28	2.9	5.6	69%
Spring Creek SNOTEL	590	2	0	---	---	---
Square Lake	2920	21	28	3.7*	5.8	109%
Susitna Valley High SNOTEL	360	27	17	4.9*	5.6	80%
Talkeetna	360	25	23	4.3	7.4	96%
Tokositna Valley SNOTEL	840	36	49	6.3	15.2	67%
Tyone River	2400	16	22	2.9*	4.5	76%
Upper Oshetna River	3170	6	27	4.6*	5.4	139%
Upper Sanona Creek	3100	18	26	3.4*	5.1	87%
Willow Airstrip	210	28	12	4.3	3.3	91%
*Estimate						

*Estimate

Northern Cook Inlet



Snowpack Map



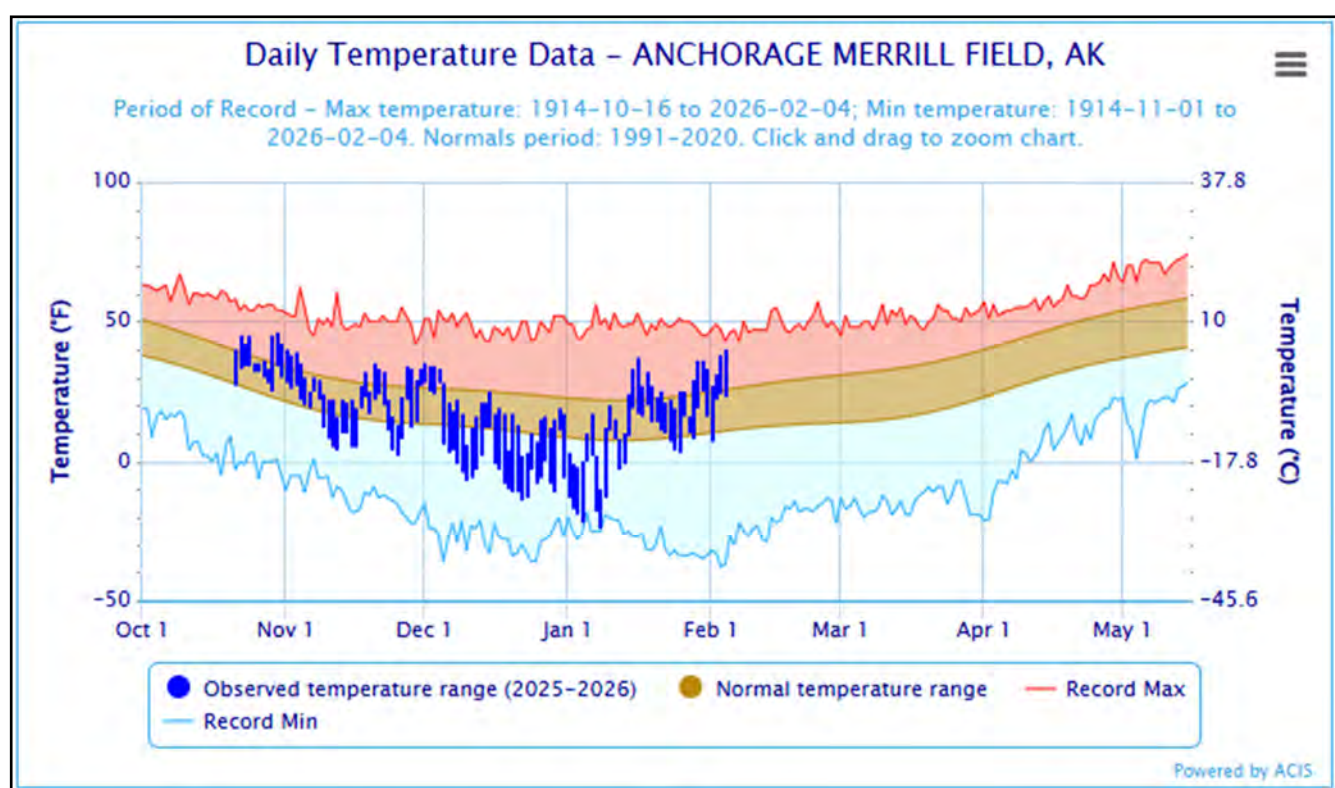
Northern Cook Inlet

Snowpack

Snowpack in the Northern Cook Inlet region is variable on February 1, 2026. Towards Turnagain Arm Indian Pass and Mt. Alyeska SNOTELS are both reporting well below their 30-year Median snowpack for the date. In the measurements around Anchorage, SWE's were well above normal at Kincaid Park and Moraine, and near normal at Anchorage Hillside and South Campbell Creek. The measurements are padded by copious precipitation in January.

Temperature Data

Source: NOAA ACIS



Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Anchorage Hillside	1910	9.6	11.1	9.9	97%
Elmendorf Field	170	7.8	4.2	---	---
Frostbite Bottom	2690	11.3	15.7	---	---
Indian Pass	2400	15.3	23.6	17.9	85%
Mcneil River SGS	110	32.1	41.6	---	---
Mt. Alyeska	1500	27.8	41.4	29.9	93%
Spring Creek	590	5.0	5.0	---	---

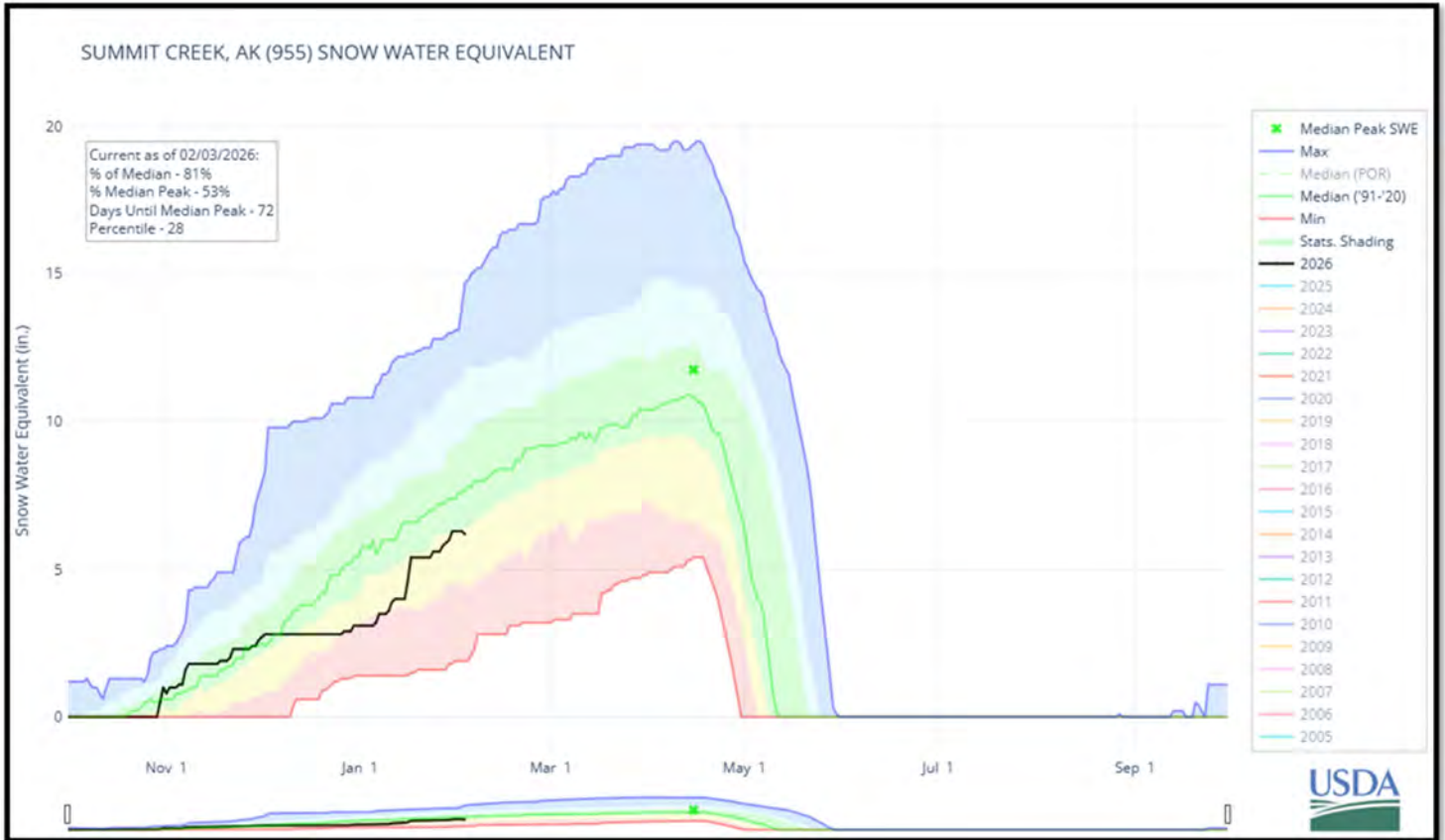
Northern Cook Inlet

Snowpack Data

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
Anchorage Hillside SNOTEL	1910	8	11	2.0	2.5	95%
Elmendorf Field SNOTEL	170	5	8	0.9	1.7	---
Frostbite Bottom SNOTEL	2690	6	18	1.2	4.4	---
Indian Pass SNOTEL	2400	21	27	3.8*	7.2	66%
Kincaid Park	280	6	9	0.8	2.0	100%
Little Susitna	1730	5	18	0.6	2.9	20%
Mcneil River SGS SNOTEL	110	13	10	---	---	---
Moraine SNOTEL	2010	8	8	2.3	1.4	164%
Mt. Alyeska SNOTEL	1500	16	20	4.8	4.9	80%
Portage Valley	90	3	3	1.0	0.6	43%
South Campbell Creek	1240	7	11	0.9	1.8	47%
South Fork Eagle River	2160	10	15	2.2	2.0	---
Spring Creek SNOTEL	590	0*	0	---	---	---
January 1st						
Anchorage Hillside SNOTEL	1910	8	6	2.4*	2.3	56%
Elmendorf Field SNOTEL	170	5	5	1.3	1.7	---
Frostbite Bottom SNOTEL	2690	7	20	1.8*	5.5	---
Indian Pass SNOTEL	2400	24	29	5.0*	9.2	45%
Mcneil River SGS SNOTEL	110	12	11	---	---	---
Moraine SNOTEL	2010	10	2	2.5*	1.1	89%
Mt. Alyeska SNOTEL	1500	22	12	5.2*	3.1	41%
South Fork Eagle River	2160	12	---	2.5	---	---
Spring Creek SNOTEL	590	0*	0	---	---	---
February 1st						
Anchorage Hillside SNOTEL	1910	23	25	5.9	7.4	107%
Elmendorf Field SNOTEL	170	17*	0	3.9*	0.0	---
Frostbite Bottom SNOTEL	2690	24	54	5.3	14.0	---
Indian Pass SNOTEL	2400	44	76	9.2	22.0	68%
Kincaid Park	280	22	0	4.4	0.0	147%
Little Susitna	1730	24	37	5.2	8.7	73%
Mcneil River SGS SNOTEL	110	40	6	---	---	---
Moraine SNOTEL	2010	20	15	4.7	3.6	121%
Mt. Alyeska SNOTEL	1500	40	58	11.4	13.4	68%
Portage Valley	90	9	2	2.4	0.4	27%
South Campbell Creek	1240	21	3	4.1	0.4	98%
South Fork Eagle River	2160	21	15	5.3	4.9	---
Spring Creek SNOTEL	590	2	0	---	---	---
*Estimate						

*Estimate

Kenai Peninsula

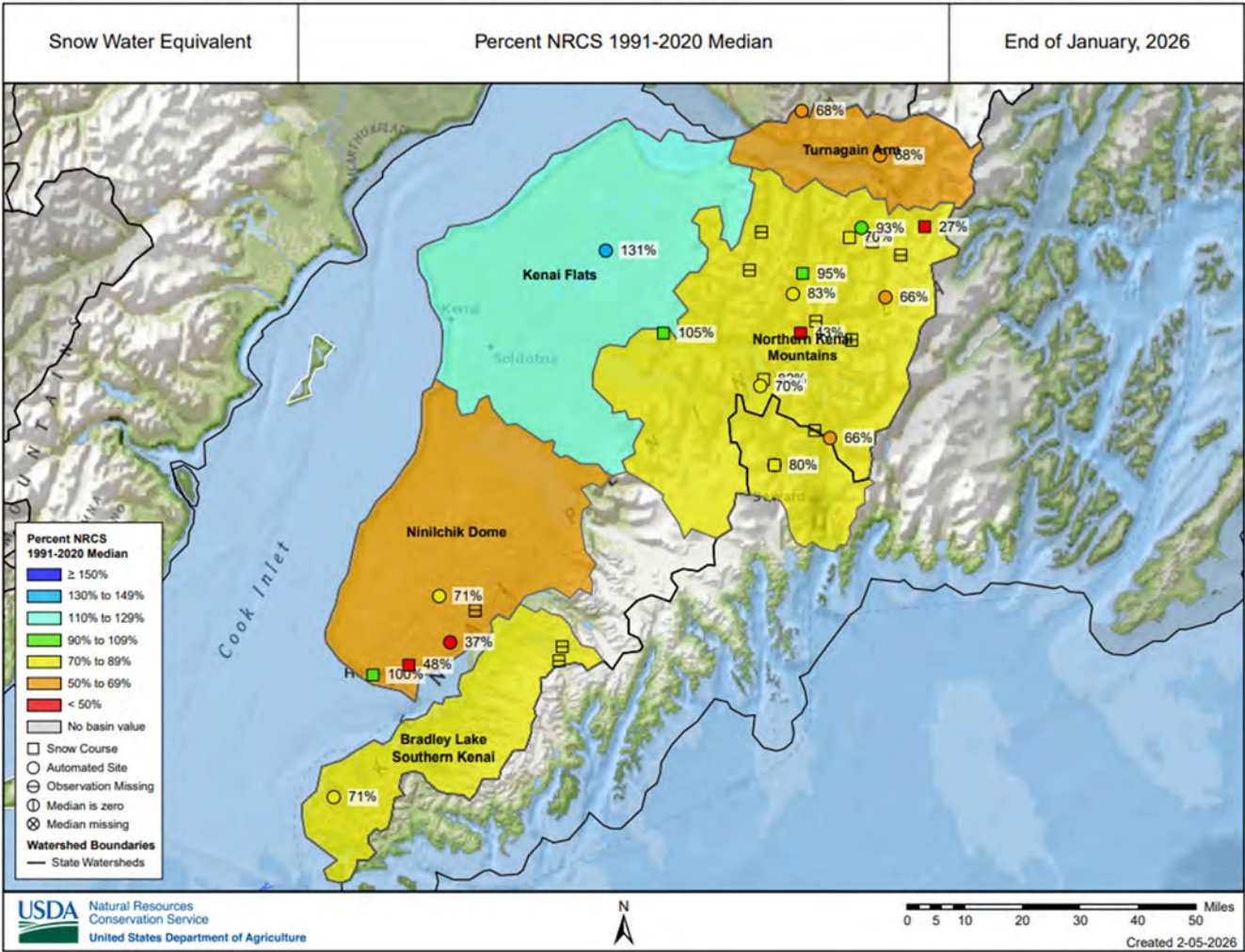


Snowpack

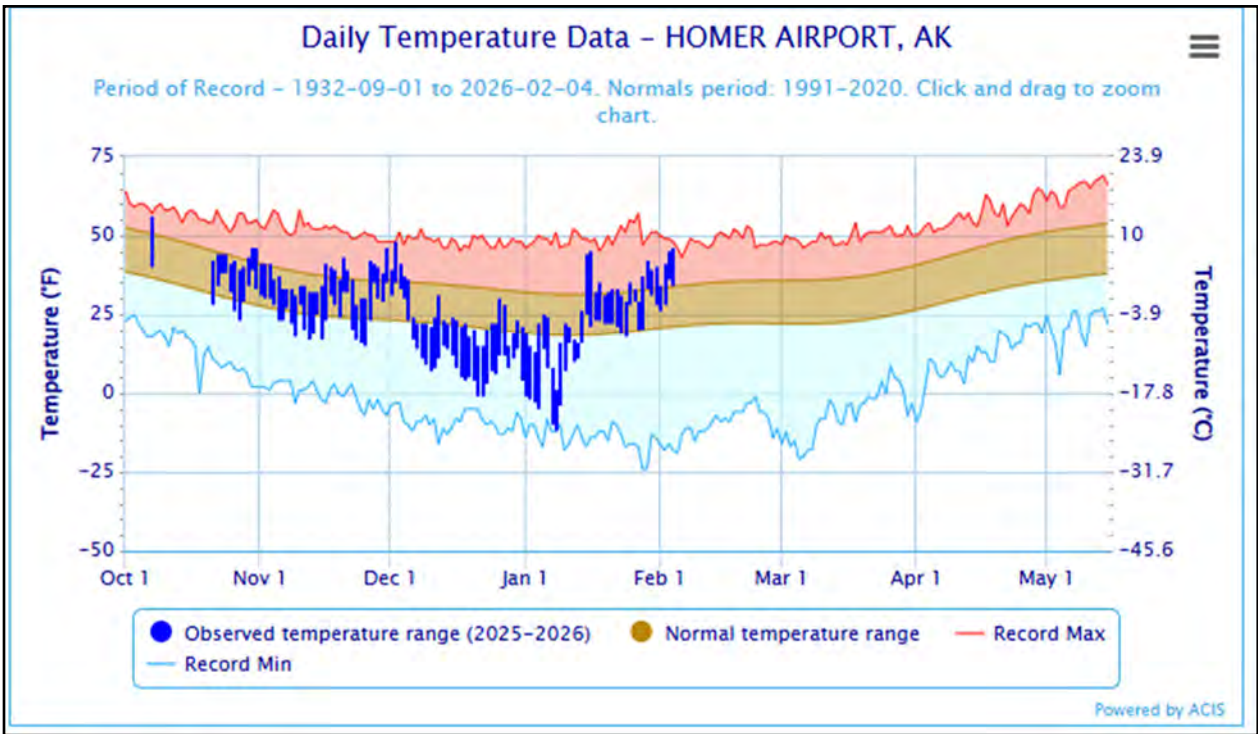
Snowpack on the Kenai Peninsula is variable but mostly below the 1991-2020 Median on February 1, 2026. The only above normal measurement was taken at Kenai Moose Pens, where the 4.2 inches of SWE is 131% of the usual number for the date. This is bolstered by a January storm track that benefited stations proximal to Cook Inlet. The 3.0 inches of precipitation received at this station is three times the normal January total and a forty-three-year record. Pockets of near-normal snowpack exist in measurements in the central Kenai Mountains. The rain-soaked lower elevation stations Portage and Grouse Creek Divide are reporting well less than half what is usual for the date. The remainder of the measurements are somewhere between 60-80 per cent of the 30-year Median for the date.

Snowpack Map

Kenai Peninsula



Temperature Chart



Kenai Peninsula

Snowpack Data

		Snow Depth (in)		Water Content (in)		
Site Name	Elev.	Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
Anchor River Divide SNOTEL	1650	14*	15	4.4	4.2	183%
Bertha Creek	880	13	13	3.6	3.5	164%
Bridge Creek	1330	6	11	1.0	1.5	67%
Cooper Lake SNOTEL	1150	10	15	2.6	4.2	87%
Demonstration Forest	670	6	10	1.2	1.9	109%
Exit Glacier	360	12	10	3.7	1.8	176%
Exit Glacier SNOTEL	360	11	11	2.8	2.3	---
Grandview SNOTEL	1070	22*	21	6.6	5.5	147%
Grouse Creek Divide SNOTEL	720	5	6	2.7	2.4	123%
Indian Pass SNOTEL	2400	21	27	3.8*	7.2	66%
Jean Lake	680	4	10	1.1	2.0	110%
Kenai Moose Pens SNOTEL	290	5	14	1.4	3.2	156%
Kenai Summit	1280	20	20	4.5	4.7	141%
Lower Kachemak	1950	24	---	6.2	---	---
Mcneil Canyon SNOTEL	1350	2	9	1.2*	3.0	75%
Moose Pass	680	0	7	0.0	1.2	0%
Mt. Alyeska SNOTEL	1500	16	20	4.8	4.9	80%
Nuka Glacier SNOTEL	1230	8	11	---	---	---
Nuka Glacier	1230	10	9	1.8	3.2	60%
Port Graham SNOTEL	270	---	2	0.7	0.2	100%
Portage Valley	90	3	3	1.0	0.6	43%
Primrose SNOTEL	2030	47	24	---	---	---
Snug Harbor Road	410	3	4	0.8	0.9	80%
Summit Creek SNOTEL	1340	12	15	2.7*	3.6	108%
Tincan SNOTEL	3370	69	54	---	---	---
Turnagain Pass SNOTEL	1860	44*	32	10.8	8.8	171%
January 1st						
Anchor River Divide SNOTEL	1650	18	17	4.8*	5.4	80%
Cooper Lake SNOTEL	1150	13	7	3.0*	3.1	45%
Exit Glacier SNOTEL	360	15	5	3.3*	2.3	---
Grandview SNOTEL	1070	33	15	6.8*	4.0	55%
Grouse Creek Divide SNOTEL	720	6	1	2.6*	0.6	33%
Indian Pass SNOTEL	2400	24	29	5.0*	9.2	45%
Kenai Moose Pens SNOTEL	290	7	10	1.8*	3.1	82%
Mcneil Canyon SNOTEL	1350	4	10	1.2*	4.0	27%
Mt. Alyeska SNOTEL	1500	22	12	5.2*	3.1	41%
Nuka Glacier SNOTEL	1230	1	12	---	---	---
Port Graham SNOTEL	270	---	0	0.7	0.0	25%
Primrose SNOTEL	2030	41	31	---	---	---
Summit Creek SNOTEL	1340	14	10	3.1*	4.0	55%
Tincan SNOTEL	3370	70	69	---	---	---
Turnagain Pass SNOTEL	1860	50	35	11.6	11.1	81%

Snowpack Data – continued

Kenai Peninsula

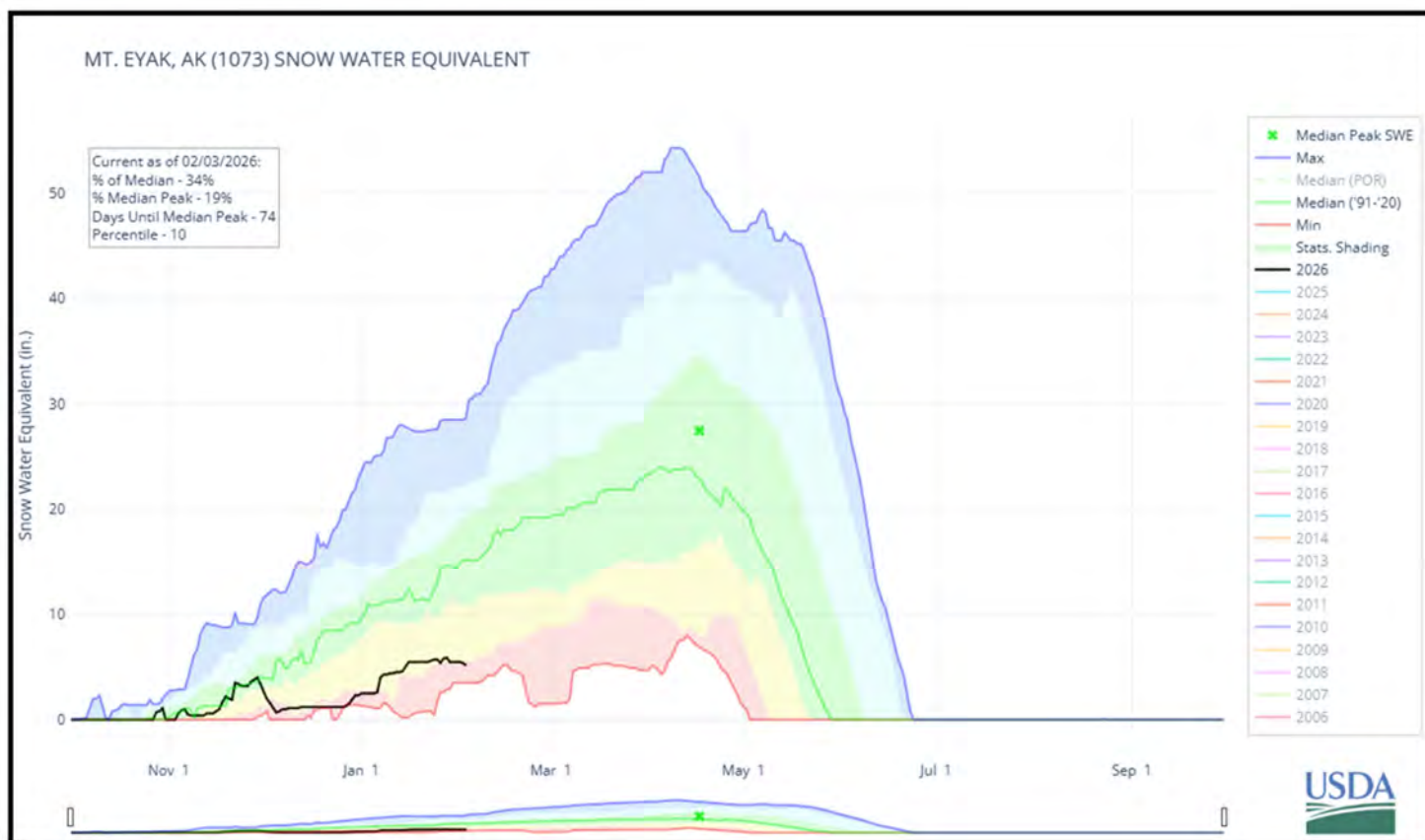
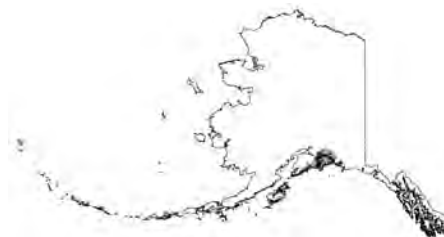
Site Name	Elev.	Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020 Normal
February 1						
Anchor River Divide SNOTEL	1650	27	30	6.2	9.8	71%
Bertha Creek	880	27	28	7.6	7.2	70%
Bridge Creek	1330	12	12	3.2	4.2	48%
Cooper Lake SNOTEL	1150	26	24	6.6	7.3	70%
Demonstration Forest	670	11	3	3.2	0.4	100%
Exit Glacier	360	35	14	8.0	4.9	80%
Exit Glacier SNOTEL	360	32	14	7.9	5.8	---
Grandview SNOTEL	1070	38	40	10.9	11.7	66%
Grouse Creek Divide SNOTEL	720	22	12	7.8*	4.8	66%
Indian Pass SNOTEL	2400	44	76	9.2	22.0	68%
Jean Lake	680	9	1	2.3	0.2	105%
Kenai Moose Pens SNOTEL	290	20	6	4.2*	2.4	131%
Kenai Summit	1280	34	48	8.7	13.1	95%
Lower Kachemak Creek SNOTEL	1960	38	48	---	---	---
Mcneil Canyon SNOTEL	1350	7	11	2.3*	3.4	37%
Middle Fork Bradley SNOTEL	2330	34	38	---	---	---
Moose Pass	680	7	2	2.0	0.2	43%
Mt. Alyeska SNOTEL	1500	40	58	11.4	13.4	68%
Nuka Glacier SNOTEL	1230	18	32	---	---	---
Port Graham SNOTEL	270	---	---	3.0	0.5	71%
Portage Valley	90	9	2	2.4	0.4	27%
Primrose SNOTEL	2030	74	94	---	---	---
Snug Harbor Road	410	10	0	2.3	0.0	82%
Summit Creek SNOTEL	1340	25	38	6.3	11.6	83%
Tincan SNOTEL	3370	88	96	---	---	---
Turnagain Pass SNOTEL	1860	70	90	17.4	25.0	93%
*Estimate						

*Estimate

Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Anchor River Divide	1650	10.3	19.2	14.2	73%
Cooper Lake	1150	17.1	22.4	20.4	84%
Exit Glacier	360	29.2	47.8	---	---
Grandview	1070	34.7	45.1	30.6	113%
Grouse Creek Divide	720	24.9	38.0	28.2	88%
Indian Pass	2400	15.3	23.6	17.9	85%
Kenai Moose Pens	290	6.9	6.5	6.4	108%
Lower Kachemak Creek	1960	19.0	42.9	---	---
Mcneil Canyon	1350	10.3	17.0	12.6	82%
Middle Fork Bradley	2330	18.1	37.6	24.6	74%
Mt. Alyeska	1500	27.8	41.4	29.9	93%
Nuka Glacier	1230	26.6	57.7	37.7	71%
Port Graham	270	28.6	45.5	35.3	81%
Summit Creek	1340	13.0	18.1	12.8	102%
Turnagain Pass	1860	29.3	38.3	27.0	109%

Western Gulf – Prince William Sound

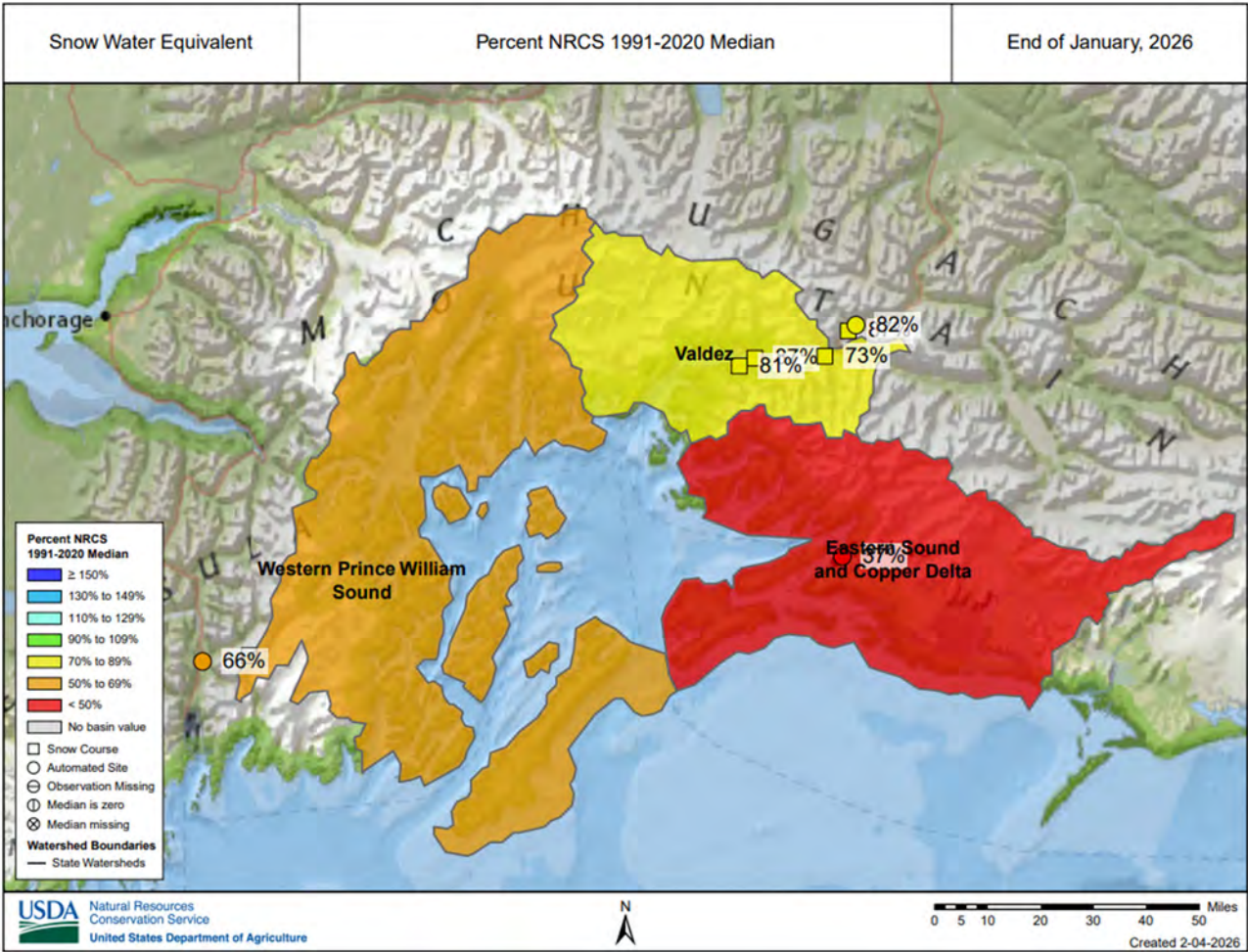


Snowpack

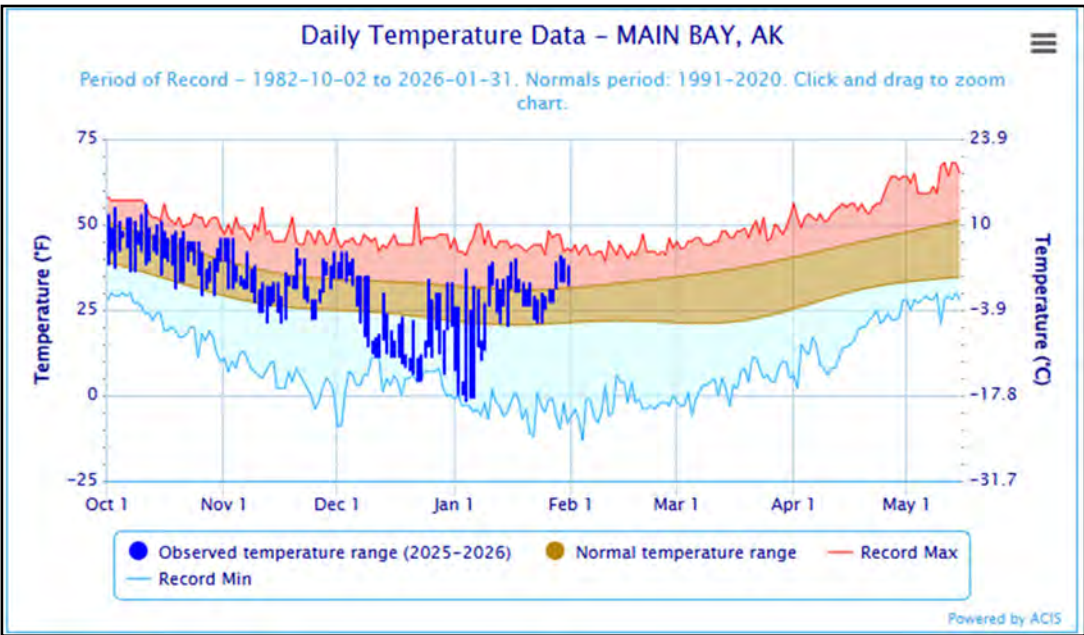
The Western Gulf region ranges from slightly below the 1991-2020 Median near Valdez and Seward to much below near Cordova and Western Prince William Sound. Water Year-to-date precipitation has been below normal in this region. The month of December went down as having the lowest December precipitation for every monitoring station in this region. Much of the precipitation, particularly the precipitation in January, came in warm with low elevation rain.

Western Gulf – Prince William Sound

Snowpack Map



Temperature Chart



Western Gulf — Prince William Sound

Snowpack Data

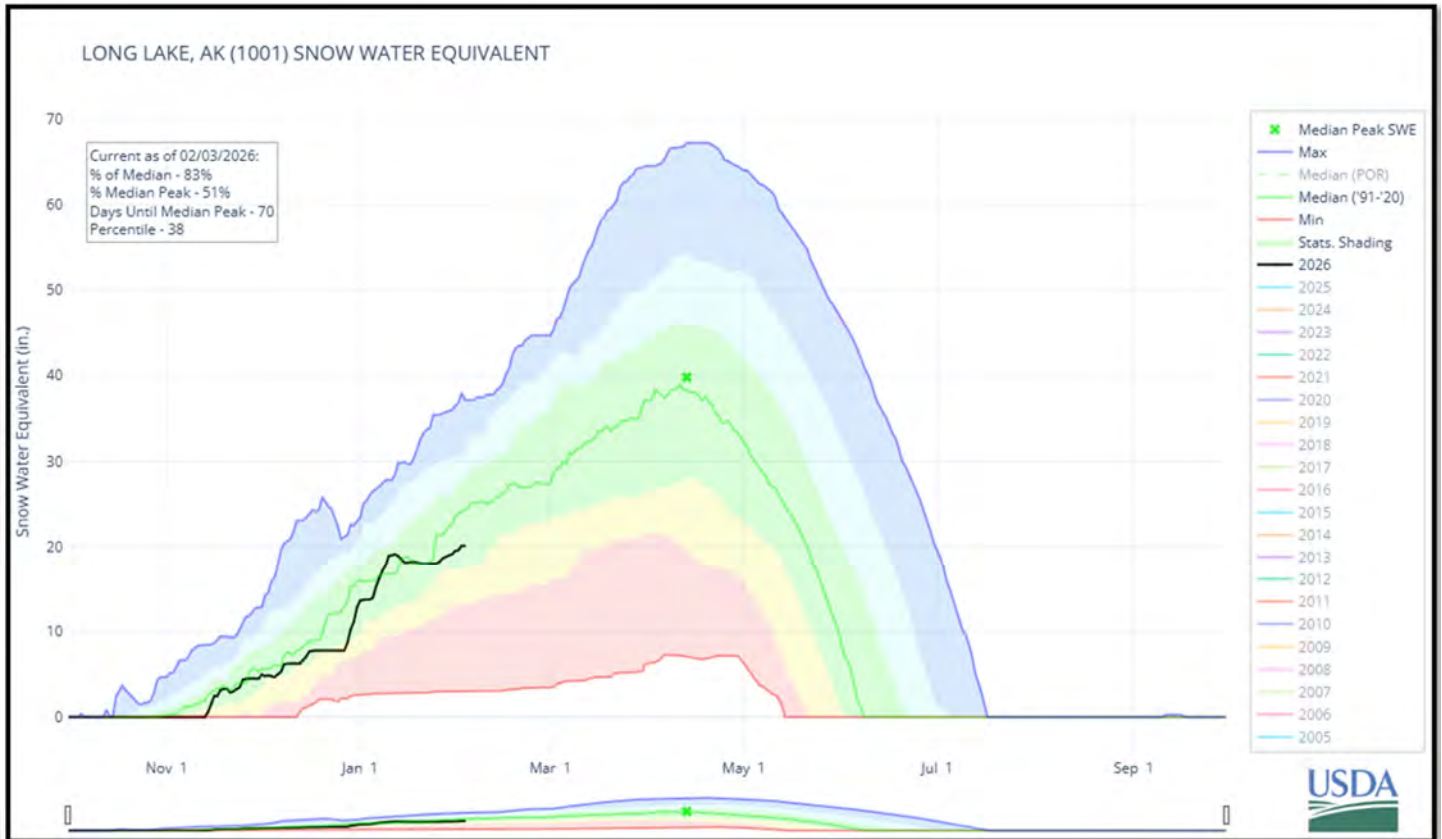
Site Name	Elev.	Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
Esther Island SNOTEL	50	0	2	---	---	---
Exit Glacier	360	12	10	3.7	1.8	176%
Exit Glacier SNOTEL	360	11	11	2.8	2.3	---
Grouse Creek Divide SNOTEL	720	5	6	2.7	2.4	123%
Nicks Valley SNOTEL	4230	52	22	---	---	---
Nuka Glacier SNOTEL	1230	8	11	---	---	---
Nuka Glacier	1230	10	9	1.8	3.2	60%
Sugarloaf Mtn SNOTEL	530	12	15	---	---	---
January 1						
Esther Island SNOTEL	50	6	1	---	---	---
Exit Glacier SNOTEL	360	15	5	3.3*	2.3	---
Grouse Creek Divide SNOTEL	720	6	1	2.6*	0.6	33%
Nicks Valley SNOTEL	4230	28	50	---	---	---
Nuka Glacier SNOTEL	1230	1	12	---	---	---
Sugarloaf Mtn SNOTEL	530	11*	22	---	---	---
February 1						
Cooper Lake SNOTEL	1150	26	24	6.6	7.3	70%
Esther Island SNOTEL	50	10	5	---	---	---
Exit Glacier	360	35	14	8.0	4.9	80%
Exit Glacier SNOTEL	360	32	14	7.9	5.8	---
Grouse Creek Divide SNOTEL	720	22	12	7.8*	4.8	66%
Lowe River	560	36	45	7.8	13.7	73%
Nicks Valley SNOTEL	4230	69	150	---	---	---
Nuka Glacier SNOTEL	1230	18	32	---	---	---
Sugarloaf Mountain	520	59	60	13.0	16.6	81%
Sugarloaf Mtn SNOTEL	530	52	56	---	---	---
Tsaina River	1590	42	54	9.6	14.2	89%
Upper Tsaina River SNOTEL	1730	49	67	11.1*	17.0	82%
Valdez	40	39	38	9.0	13.3	87%
Worthington Glacier	2080	56	87	14.8	23.4	87%
*Estimate						

*Estimate

Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Esther Island	50	60.6	88.6	66.2	92%
Exit Glacier	360	29.2	47.8	---	---
Grouse Creek Divide	720	24.9	38.0	28.2	88%
Nuka Glacier	1230	26.6	57.7	37.7	71%
Sugarloaf Mtn	530	28.2	34.8	33.8	83%

Southeast

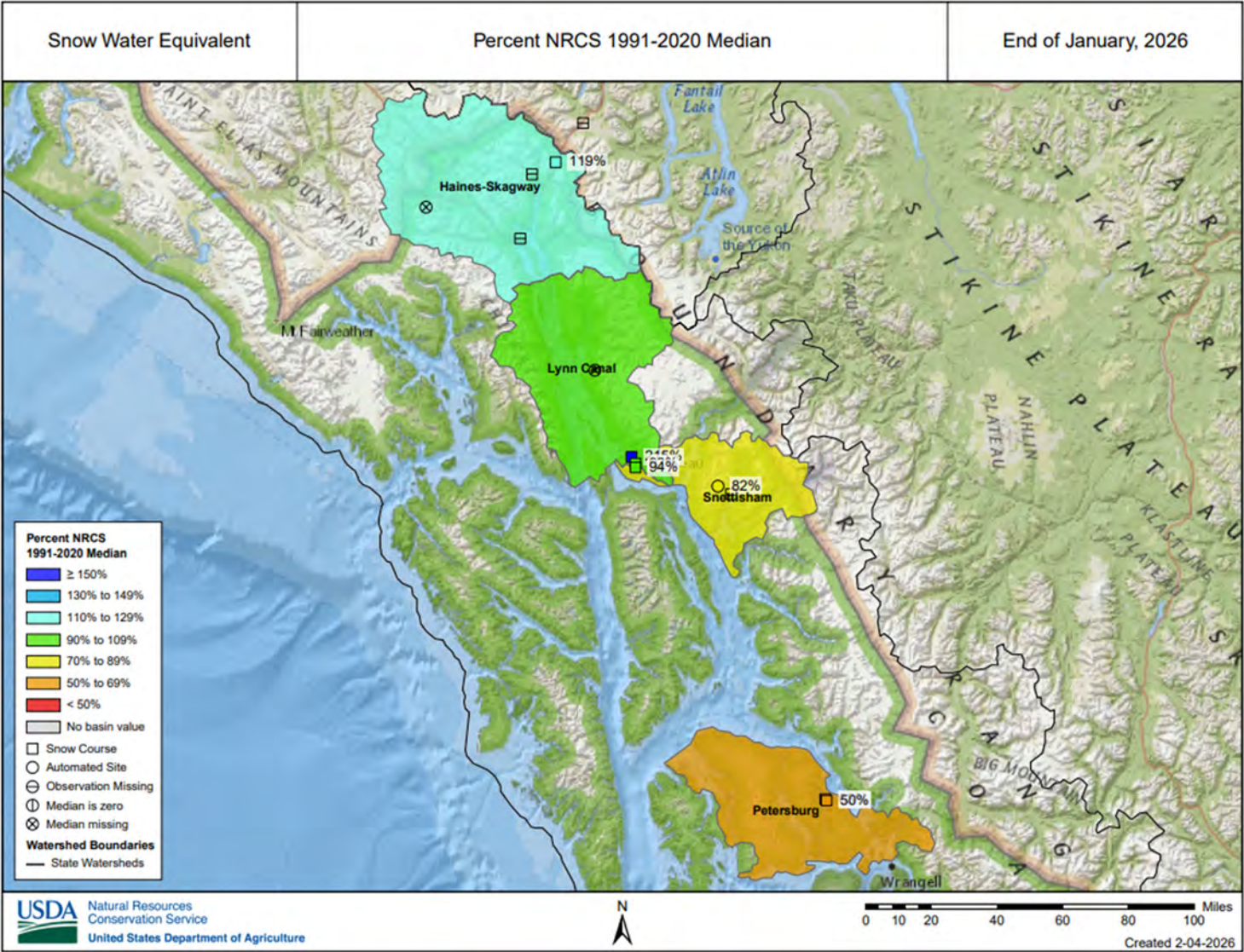


Snowpack

In a welcome departure from last year, the north half of Southeast Alaska contains many measurements that are above the 1991-2020 February 1 Median. The highest departure from normal is in the Haines-Skagway region, and in a stark contrast to recent years, the lowest elevation measurement on Douglas Island, near Juneau. Near Haines, the 24.8 inches of SWE at Flower Mountain is the 3rd highest in its limited nine-year record. Moore Creek Creek Bridge, near Skagway, was measured at 119% normal. The headline-grabbing snow to sea level events in December contributed heavily to the Fish Creek snow course being measured at more than double its normal for the date. The higher elevation snow courses on Douglas Island were measured near normal. South of Juneau, measurements deviate to below normal, the result of recent rain.

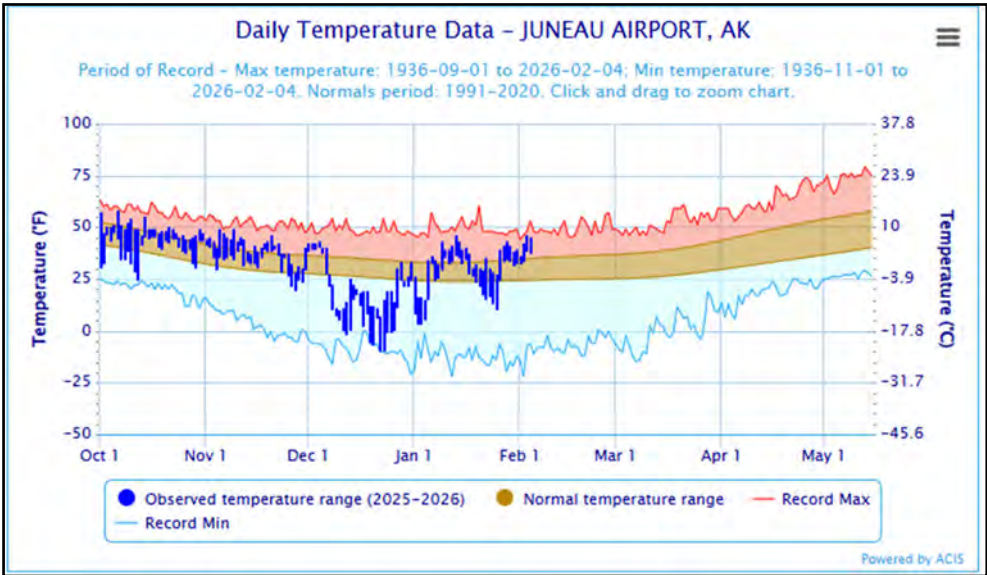
Snowpack Map

Southeast



Temperature Data

Source: NOAA ACIS



Southeast

Snowpack Data

Site Name	Elev.	Snow Depth (in)		Water Content (in)		
		Current	Last Year	Current	Last Year	1991-2020 Normal
December 1st						
Cropley Lake	1770	15	---	3.4	---	79%
Eagle Crest	1220	7	20	1.2	4.8	63%
Fish Creek	520	0	16	0.0	3.3	---
Flower Mountain SNOTEL	2540	51	22	13.1	6.0	---
Heen Latinee SNOTEL	2100	14	17	3.5	4.5	---
Hoonah SNOTEL	1520	12	7	3.3	2.0	---
Long Lake SNOTEL	840	22	17	5.0	3.1	88%
Moore Creek Bridge SNOTEL	2250	22	18	---	---	---
Mount Ripinsky SNOTEL	2580	35*	30	---	---	---
Petersburg Reservoir	450	0	12	0.0	2.4	---
Petersburg Ridge, S.	1680	3	17	0.8*	4.7	25%
January 1						
Flower Mountain SNOTEL	2540	79	48	17.8	11.8	---
Heen Latinee SNOTEL	2100	57	21	10.9	6.4	---
Hoonah SNOTEL	1520	60	7	13.4	---	---
Long Lake SNOTEL	840	54	26	13.6	8.6	85%
Moore Creek Bridge SNOTEL	2250	66	28	---	---	---
Mount Ripinsky SNOTEL	2580	95	50	---	---	---
Petersburg Reservoir	450	19	0	4.5	0.0	214%
Petersburg Ridge, S.	1680	28	0	7.4	0.0	76%
February 1						
Cropley Lake	1770	40	30	15.7	7.9	94%
Eagle Crest	1220	25	23	9.5	4.1	93%
Fish Creek	520	11	8	4.3	1.2	215%
Flower Mountain SNOTEL	2540	80	56	24.8	16.5	---
Heen Latinee SNOTEL	2100	40	36	13.6	10.0	---
Hoonah SNOTEL	1520	42	27	16.2	---	---
Long Lake SNOTEL	840	52	57	19.6*	14.1	82%
Moore Creek Bridge SNOTEL	2250	62	45	---	---	---
Moore Creek Bridge	2250	51	---	16.2	---	119%
Petersburg Reservoir	450	3	20	1.5	2.7	50%
Petersburg Ridge, S.	1680	24	32	9.8	4.5	63%
*Estimate						

*Estimate

Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1991-2020 Normal	% of Normal
Hoonah	1520	37.6	---	---	---
Long Lake	840	83.6	73.8	75.3	111%
Moore Creek Bridge	2250	19.2	17.9	20.6	93%

For further information contact:

NRCS Alaska web site: <https://www.nrcs.usda.gov/alaska/snow-survey>

NRCS Water and Climate Center web site: <https://www.nrcs.usda.gov/programs-initiatives/sswsf-snow-survey-and-water-supply-forecasting-program/national-water-and>

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