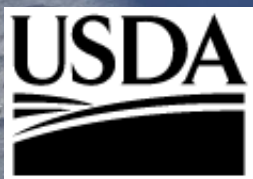


Alaska Snow Survey Report



Natural
Resources
Conservation
Service

March 1, 2017

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Cover photo: NRCS Snow Surveyor Katie Mattila, measures the Blueberry Hills Snow Course. Blueberry Hill had 37" of snow with 8.3" of water content, 65% of normal.

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General Overview

SnowPack

The snowpack in most of the state made normal gains during February with portions of the Interior, Arctic Slope, and Kenai Peninsula snowpack making exceptional increases. Only rain-soaked, low lying Southeast snowpacks diminished during the month.

Even with normal gains, the snowpack in much of the state remained below normal. These areas include the Copper Valley, the Mat-Su Basins, the Kuskokwim valley, Southeast, the upper Tanana and the lower Yukon and the lower Koyukuk basins. The much of the Upper Yukon Basin is also slightly below normal. The most anemic measured snowpack was in the upper and western portions of the Susitna basin, with many snow sites measuring only 50%-60% of normal snowpack. This trend extends west into the middle Kuskokwim. Low lying Southeastern snowpacks are also paltry, with a few sites below 500' having only a dusting of snow.

The snowpack in the middle Tanana Valley, the White Mountains, and the upper Koyukuk valleys have above normal snowpacks. The Chena Basin, above Fairbanks, is the most robust with 147% of normal snowpack.

Areas with normal snowpack include the Arctic, much of the central Yukon Basin including the upper Porcupine Basin in the Yukon Territory, the lower Kenai Peninsula, and parts of the middle Koyukuk and northwestern Alaska.

Precipitation

Precipitation was varied across the state during February. The Interior and northern Alaska saw the greatest gains during the month while Southcentral and Southeast saw mixed but mainly below normal gains during the month.

Copious amounts of precipitation fell in the central Tanana Valley and to the regions north. Precipitation measurement sites near Fairbanks and the Chena Basin received 200-300% of normal monthly precipitation, raising the Water Year-to-date precipitation totals to above normal for the first time this winter. This deluge of precipitation stretches north and west into the Yukon and Koyukuk valleys, the North Slope, and Arctic Plains. The Seward Peninsula and Kotzebue Region in western Alaska also received above normal precipitation.

Precipitation was more diverse in the southern half of the state. Even though most basins experienced below normal precipitation for the month, many basins had sites with both above and below normal precipitation for the month. Almost all sites in Southcentral and Southeast have caught below normal precipitation for the water year.

General Overview Continued

Temperature

Temperatures across most of Alaska were near normal during February. A few sites were above normal and Barrow continues to be much above normal.

Bethel and Nome were nominally below normal for the month, -2°F and -1°F below normal respectively. Several other sites were nominally above normal or right at normal for the month. Juneau, Talkeetna, and Whitehorse were 1°F above normal for February while Anchorage and Cordova were right at normal. Homer and Fairbanks were 3°F above normal while further north Bettles and Fort Yukon were 7°F above for the month. Barrow continued to be well above normal, recording a 12°F departure above normal for February.

Streamflow Forecasts

FORECAST POINT*	Percent of Ave. Flow	Period
Yukon River at Eagle	90	April - July
Porcupine River nr Int'l Boundary.....	98	April - July
Yukon River near Stevens Village	99	April - July
Tanana River at Fairbanks	92	April - July
Tanana River at Nenana	91	April - July
Little Chena River near Fairbanks	105	April - July
Chena River near Two Rivers	106	April - July
Salcha near Salchaket	97	April - July
Sagvanirktok River near Pump Station 3	101	April - July
Kuparuk River near Deadhorse	87	April - July
Gulkana River at Sourdough	81	April - July
Little Susitna River near Palmer	80	April - July
Talkeetna River near Talkeetna	86	April - July
Ship Creek near Anchorage	66	April - July
Kenai River at Cooper Landing	80	April - July
Taiya River near Skagway	100	April - July

Snowmelt Runoff Index (SRI): for streams which no longer have stream gauging stations

FORECAST POINT	INDEX	Index	Key:
Koyukuk River at Hughes.....	-0.2		
MF Koyukuk R near Wiseman	+0.4		
Slate Creek at Coldfoot.....	+0.4		
Beaver Creek above Victoria Creek.....	0.0		
Birch Creek below South Fork.....	-1.3		
Caribou Creek at Chatanika.....	+0.4		
Susitna River near Gold Creek.....	-2.2	-2 to -3	much below average snow-melt runoff
Chulitna River near Talkeetna.....	-3.0		
Deshka River at mouth near Willow.....	-2.5		
Montana Creek at Parks Highway.....	-2.0		
Willow Creek near Willow.....	-2.2	-1 to -2	below average snowmelt runoff
Skwentna River at Skwentna.....	-2.5		
Chuitna River near Tyonek.....	-2.5		
Campbell Creek near Spenard.....	-2.6		
Indian Creek at Indian.....	-3.0	-1 to +1	average snow-melt runoff
Bird Creek at Bird Creek	-3.0		
Glacier Creek nr Girdwood	-1.0		
Six Mile Creek near Hope.....	-2.2		
Resurrection Creek near Hope.....	—	+1 to +2	above average snowmelt runoff
Grouse Ck at Grouse Lake Outlet nr Seward	+0.7		
Anchor River near Anchor Point	-0.8		
Deep Creek near Ninilchik.....	-1.0		
Ninilchik River near Ninilchik.....	-1.0	+2 to +3	much above average snow-melt runoff
Fritz Creek near Homer.....	-1.5		
Skagway River at Skagway.....	+1.7		
Municipal Watershed C nr Petersburg	-1.5		

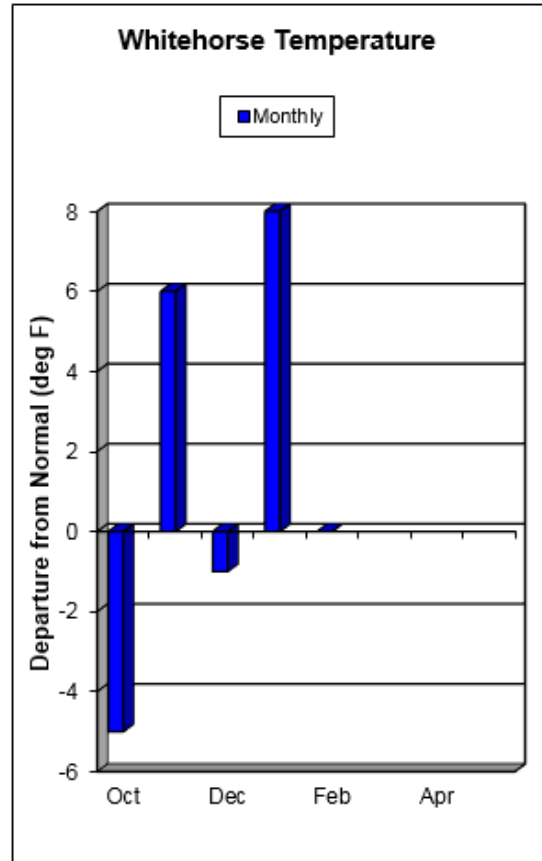
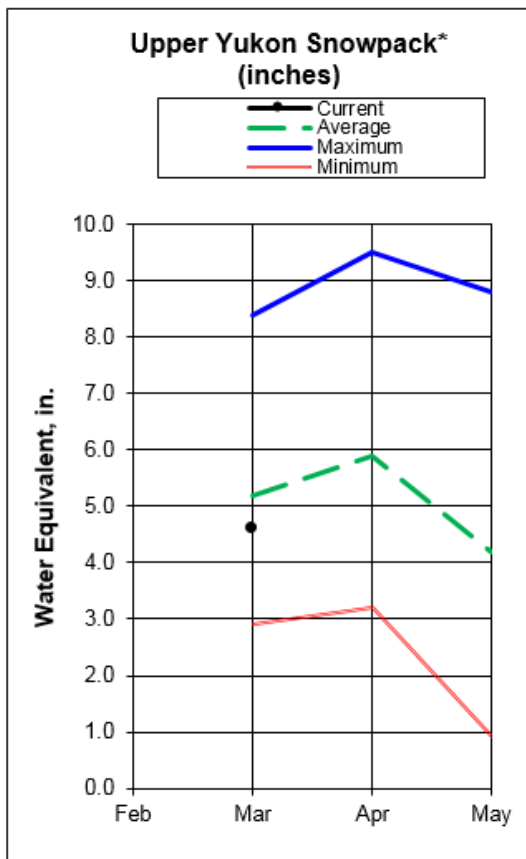
HOW FORECASTS ARE MADE

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

Upper Yukon Basin



Snow pack

The Upper Yukon Basin's 18 measured sites average 86% of normal. Sites ranged from well below normal in the southeast Yukon Territory to above normal in the central part of the basin.

Like last year, the lowest snowpack is on the basin upstream from Whitehorse. The Whitehorse Airport snow course measured 56% of normal with 13" of snow and 2.0" of water content. The 8 snow courses in this area average 83% of normal, a little more than last year.

The most robust part of the basin was the White River drainage. The four measured snow sites here averaged 107% of normal, ranging from 94-121% of normal.

Further north, the Dawson area snow courses average 88% of normal. King Solomon Dome snow course was 2" deeper this year, but 0.4" lighter than last year and was considered 93% of normal.

To the east, the Stewart and Pelly drainages also had below normal snowpacks. The four sites measured in these basins were 88% of normal.

Upper Yukon Basin

Snowpack Data

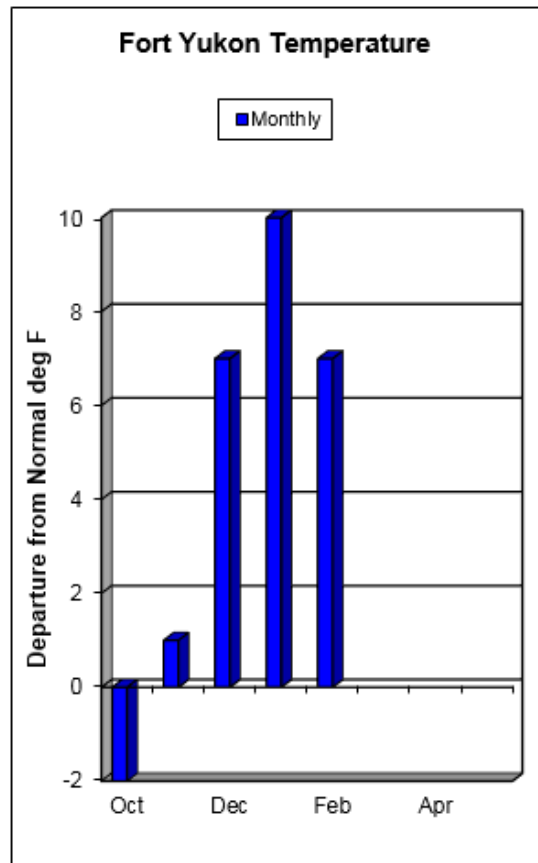
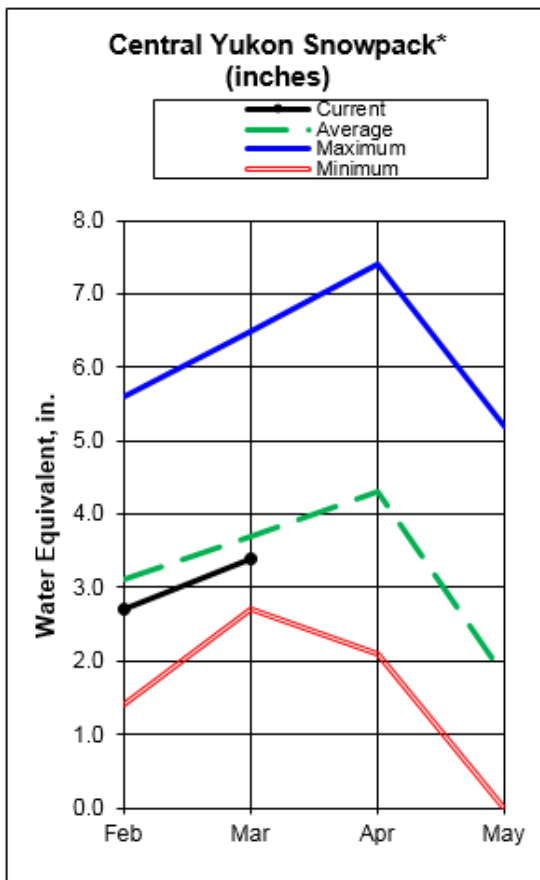
Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Atlin	2395	3/1/2017	16	3.4	16	3.4	20	4.4
Beaver Creek	2150	2/28/2017	15	2.4	16	2.9	16	2.4
Blackstone River	1020	3/1/2017	21	3.9	21	3.6	---	---
Burwash Airstrip	2660	2/28/2017	20	1.6	6	0.9	10	1.7
Calumet	4300	3/1/2017	27	5.9	33	8.0	34	6.8
Canyon Mine	1160	2/28/2017	16	3.0	11	2.0	---	---
Chair Mountain	3500	3/3/2017	20	3.1	12	2.1	20	3.0
Eagle Plains	2330	3/1/2017	35	6.5	29	5.4	28	5.6
Eagle River	1115	3/1/2017	32	4.8	24	4.1	25	4.1
Finlayson Airstrip	3240	3/2/2017	14	2.0	19	3.4	20	3.6
Francis River	730	2/23/2017	17	2.8	25	4.1	---	---
Grizzly Creek	3200	2/27/2017	28	5.0	28	5.8	28	5.9
Hyland	855	3/1/2017	25	5.1	26	4.9	---	---
King Solomon Dome	3540	2/28/2017	30	5.2	28	5.6	29	5.6
Log Cabin (B.C.)	2900	2/27/2017	52	14.5	43	13.1	48	13.3
Mayo Airport	1770	3/1/2017	16	2.9	22	4.4	20	3.8
Meadow Creek	4050	2/23/2017	30	7.1	32	7.9	40	9.4
Midnight Dome	2805	2/27/2017	24	4.3	28	5.8	26	5.0
Montana Mtn.	3350	2/27/2017	22	4.3	16	3.0	24	5.2
Morley Lake	2700	2/23/2017	12	2.3	22	4.0	24	5.1
Mt. Berdoe	3395	2/23/2017	21	4.6	19	3.4	22	3.8
Mt. McIntyre B	3600	3/1/2017	26	5.0	16	3.2	26	5.2
Ogilvie River	550	3/1/2017	22	3.9	23	3.8	---	---
Pelly Farm	1550	3/3/2017	13	3.2	14	3.0	16	2.8
Pine Lake Airstrip	995	2/28/2017	17	3.1	---	---	---	---
Riffs Ridge	2130	3/1/2017	30	4.6	27	5.6	28	4.7
Rose Creek (Faro)	1080	2/27/2017	18	3.7	19	3.3	---	---
Summit	985	3/3/2017	41	9.4	27	5.7	34	9.2
Tagish	3540	2/28/2017	20	3.9	17	3.2	25	5.1
Watson Lake Airport	685	2/28/2017	14	2.2	22	4.0	---	---
Whitehorse Airport	2300	2/27/2017	13	2.0	13	2.5	19	3.6

**Estimate*

Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Yukon River At Eagle	Apr-Jul	90	105	75	30000	33300

Central Yukon Basin



Snow pack

Like last year at this time, the Central Yukon Basin snowpack is near normal across much of the basin, except for the White Mountains which are above normal.

The 5 measured sites in the White Mountains average 135% of normal. Upper Nome Creek SNOTEL measured just 2.3" of precipitation during the month, a whole 1.8" more than normal.

Down in the Yukon Flats, the snowpack moderates and becomes slightly below normal. The Fort Yukon snow course is 93% of normal with 17" of snow depth and 2.8" of water content.

In the Fortymile region, the five sites measured an average 97% of normal snowpack, down from 129% last year. The Jack Wade Junction SNOTEL, near the junction of the Taylor and the Top-of-the-World Highways, caught 0.5" of precipitation during February and has 21" of snow with 3.0" of water content.

The Porcupine basin snow courses, in the Yukon Territories, averaged 110% of normal, a little more than last year.

On the lower part of the basin, Seven Mile snow course, near the Yukon Crossing, was 113% of normal with 22 inches of snow and 4.6" of water content, a little deeper and wetter than last year.

Central Yukon Basin

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
American Creek	1050	3/1/2017	16	3.2	17	3.5	---	---
Atigun Pass	4800	3/1/2017	50	---	46	---	---	---
Borealis	1330	3/2/2017	26	5.1	21	4.7	23	4.0
Boundary	3500	3/1/2017	20	4.5	31	6.5	22	4.3
Cathedral Creek	1800	3/1/2017	34	6.6*	27	5.6	---	---
Chicken Airstrip	1650	3/1/2017	13	2.6	17	3.5	16	2.8
Circle Hot Springs	860	3/1/2017	19	3.1*	19	3.2	22	3.6
Coal Creek	1000	3/1/2017	18	2.9	---	---	---	---
Copper Creek	2000	3/1/2017	13	2.6*	28	6.0	---	---
Crescent Creek	2600	3/1/2017	19	3.3*	22	4.5	---	---
Eagle Summit	3650	3/1/2017	10	---	25	---	---	---
Fort Yukon SNOTEL	430	3/1/2017	17	---	16	---	---	---
Fort Yukon	430	2/28/2017	17	2.8	20	3.6	18	3.0
Hess Creek	1000	3/1/2017	26	5.6	19	3.8	24	4.5
Jack Wade Jct	3585	3/1/2017	21	3.0	33	7.1	---	---
Lost Chicken Hill	2150	3/1/2017	15	2.8	21	4.0	18	3.1
Mt. Fairplay	3100	3/1/2017	19	3.7	20	4.1	20	3.8
Ptarmigan Creek	2270	3/1/2017	30	5.0	21	4.0	23	3.6
Seven Mile	600	3/1/2017	22	5.2	20	3.5	26	4.6
Stack Pup Creek	1620	3/1/2017	19	3.1*	19	2.8	23	3.7
Step Mountain	2850	3/1/2017	35	6.8*	28	5.9	---	---
Thirty Mile	1350	3/1/2017	32	7.3	29	5.9	34	7.0
Three Fingers	3350	3/1/2017	27	6.2*	30	6.3*	---	---
Upper Nome Creek	2520	3/1/2017	33	6.2*	25	5.9*	---	---
Windy Gap	1900	3/3/2017	32	7.4	24	6.0	24	4.8
Wolf	1200	3/3/2017	27	6.0	20	5.0	21	3.6

*Estimate

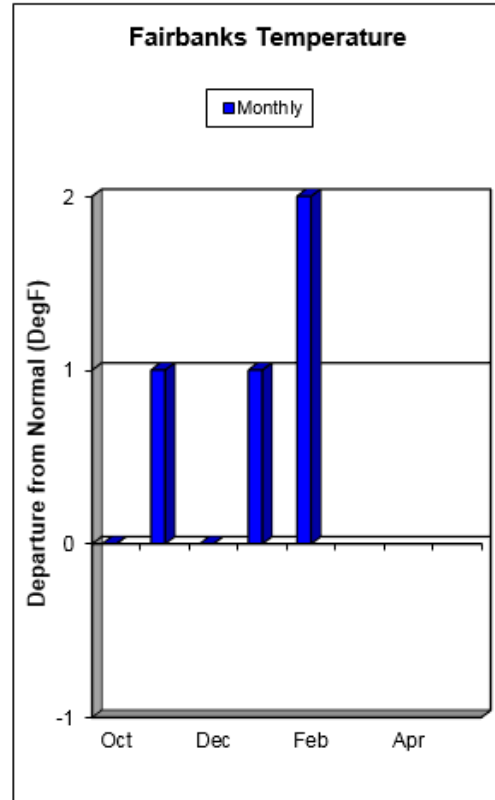
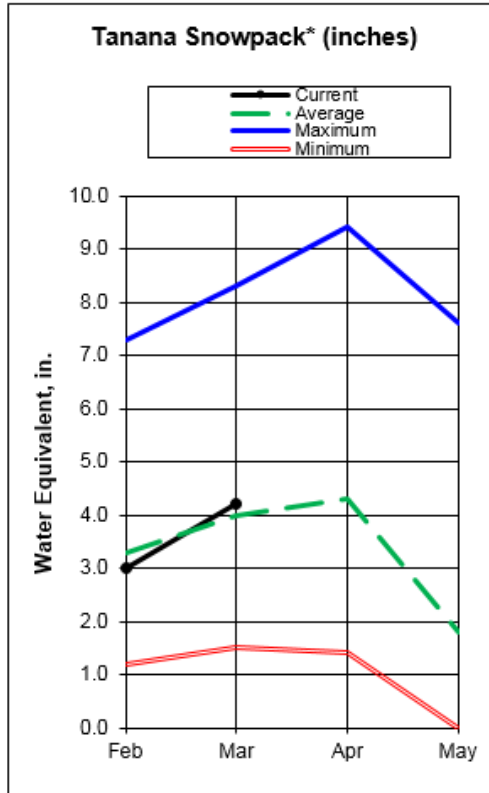
Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Porcupine River near Intl Boundary	Apr-Jul	98	144	65	5500	5640
Yukon River near Stevens Village	Apr-Jul	99	114	84	47500	48100

Precipitation

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1981-2010 Normal	% of Normal
American Creek	1050	3.1	3.2	---	---
Atigun Pass	4800	3.7	3.4	4.8	77%
Eagle Summit	3650	3.4	4.4	4.7	72%
Fort Yukon	430	2.7	3.1	3.1	87%
Jack Wade Jct	3585	2.7	5.9	---	---
Upper Nome Creek	2520	6.2	4.1	4.3	144%

Tanana Basin



Snow pack

It was a wet month in the Tanana Basin with the storms concentrating on the middle of the basin, near Fairbanks. Snowpacks in the Tanana basin now range from below normal in the upper reaches (less than last year) to well above normal in the central basin (more than last year).

Sites near Fairbanks ranged from 200-300% of normal precipitation for the month, bringing winter precipitation to above normal as well. Snowpacks in the Chatanika and Chena valleys average 126% and 147% of normal, respectively. Colorado Creek snow course has 32" of snow and 5.3" of water content, which is 156% of normal. Last year it had 19" of snow with 3.8" of water content, 12% of normal.

In the upper Tanana Basin, near Delta Junction, the snowpack is below normal. The four snow sites measured, averaged 82% of normal compared to 89% last year. The Granite Creek SNOTEL site captured 0.5" of precipitation during February, which is near normal.

Further up the basin, near Tok, the snowpack continues to diminish. The five sites measured in this part of the basin averaged 75% of normal compared to 82% last year. The Chisana SNOTEL site caught 1.0" of precipitation during the month, bringing its snowpack to 12" of depth with 2.8" of water content, 56% of normal.

Tanana Basin

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Bonanza Creek	1150	3/1/2017	31	6.4	19	5.2	20	3.9
Caribou Creek	1250	2/28/2017	27	5.1	13	3.0	20	3.6
Caribou Snow Pillow	900	2/28/2017	28	5.3	16	3.8	21	3.6
Chisana	3320	3/1/2017	12	2.3	14	2.8	---	4.1
Cleary Summit	2230	3/1/2017	33	5.9	26	5.6	26	4.6
Colorado Creek	700	2/27/2017	32	5.3	19	3.8	20	3.4
Fairbanks F.O.	450	3/1/2017	30	5.2	15	2.7	---	3.1
Faith Creek	1750	3/1/2017	28	4.6	20	3.8	24	4.2
Fielding Lake	3000	2/28/2017	27	5.5	35	9.0	37	8.6
Fort Greely	1500	3/2/2017	15	2.4	12	2.5	17	3.0
French Creek	1800	2/27/2017	33	4.8	20	4.4	24	4.6
Gerstle River	1200	3/2/2017	16	2.6	10	1.6	18	2.9
Granite Crk	1240	3/1/2017	15	2.9	12	2.4	---	3.5
Kantishna	1550	3/1/2017	25	4.2*	21	4.0*	24	4.4
Lake Minchumina	730	3/1/2017	20	3.8*	15	3.5	19	3.4
Lost Creek	3030	2/27/2017	14	2.2*	15	2.6	17	3.0
Mentasta Pass	2430	2/28/2017	20	3.6	18	3.9	24	5.1
Monument Creek	1850	3/1/2017	38	7.9	17	4.6	---	4.0
Mt. Ryan	2800	3/1/2017	27	4.8	22	5.5	---	4.4
Munson Ridge	3100	3/1/2017	45	9.7	30	7.1	---	5.9
Rock Creek Bottom	2250	3/2/2017	24	4.6*	---	---	20	3.7
Shaw Creek Flats	980	2/27/2017	23	3.7	12	1.8	14	2.5
Teuchet Creek	1640	3/1/2017	26	5.0	15	3.4	---	3.3
Tok Junction	1650	2/28/2017	16	2.7	14	2.2	18	3.0

*Estimate

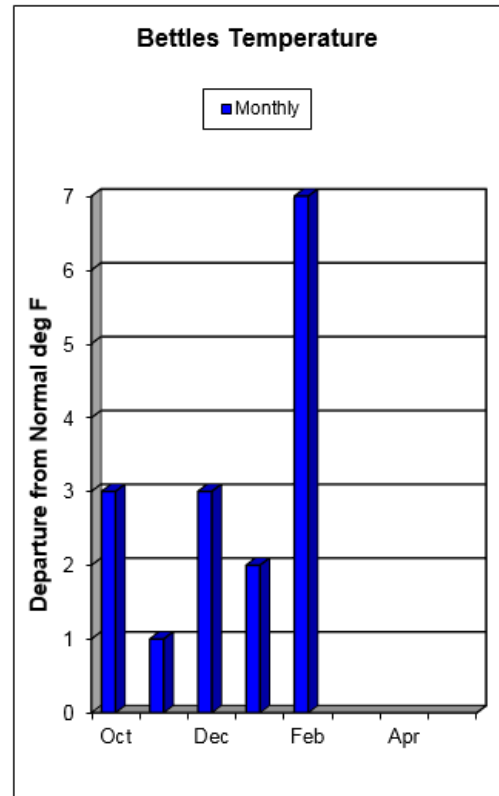
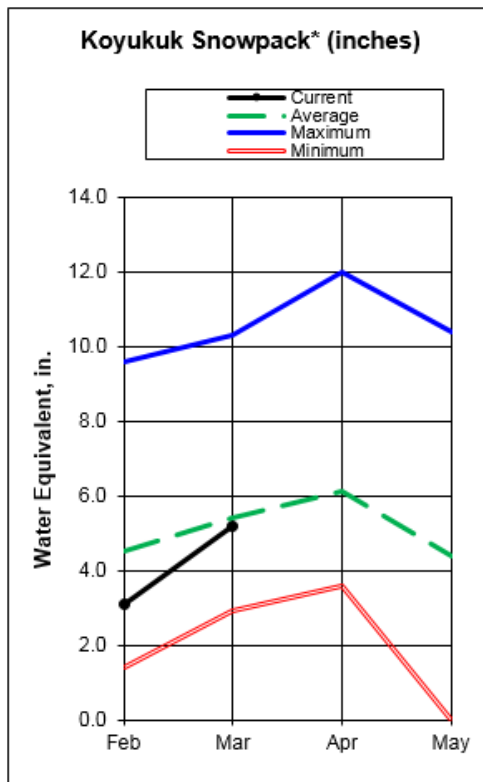
Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Salcha River near Salchaket	Apr-Jul	97	135	65	605	625
Tanana River at Fairbanks	Apr-Jul	92	105	78	6840	7460
Chena River near Two Rivers	Apr-Jul	106	148	62	285	270
Little Chena River near Fairbanks	Apr-Jul	105	142	68	82	78
Tanana River at Nenana	Apr-Jul	91	104	77	8150	9000

Precipitation

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1981-2010 Normal	% of Normal
Chisana	3320	2.0	3.0	---	---
Fairbanks F.O.	450	6.3	3.4	4.0	158%
Granite Crk	1240	2.8	1.8	3.6	78%
Kantishna	1550	4.3	4.7	3.8	113%
Little Chena Ridge	2000	4.9	3.6	4.8	102%
Nenana	415	3.9	2.6	---	---
Tok	1630	---	2.2	---	---
Upper Chena	2850	7.4	5.0	5.9	125%

Western Interior Basins



Snow pack

Koyukuk

The upper Koyukuk basin received above normal precipitation for the month, increasing snowpacks in the area to normal and above normal conditions. Coldfoot SNOTEL collected 1.7" of precipitation during the month, 134% of normal. This brought the snowpack there to 32" of snow depth with 5.4" of water content, which is 0.1" above normal and 0.1" less than last year at this time.

The lower basin received less precipitation and the snowpack there is somewhat below normal.

Kuskokwim

The snowpack in the headwater regions of the Kuskokwim is varied. Portions of the basin are much below normal while others are near normal. Telaquana Lake SNOTEL has 18" of snow with 4.0" of water content, 1" more snow depth than last year, but 1.6" less water content. The Aniak SCAN site gained 0.9" of precipitation over the month and 1" of snow depth over the month for a total of 14".

Lower Yukon

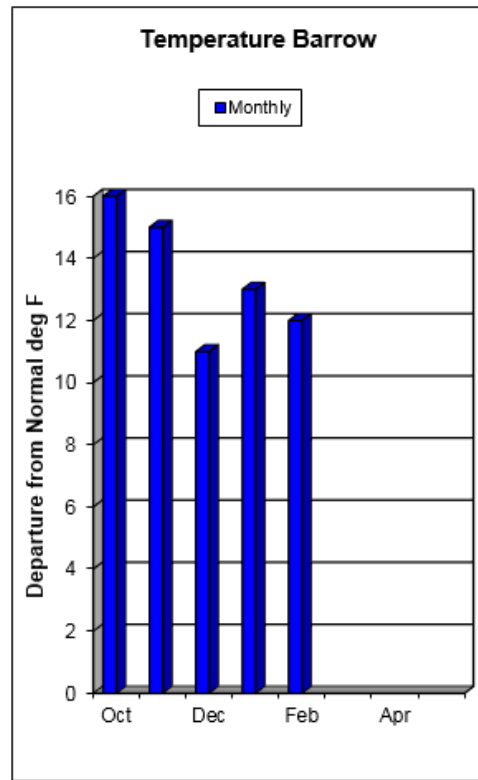
The lower Yukon area received sporadic precipitation during February. All sites gained snow. The Galena Snow Course had the same depth of snow as last year with a little less water content. The basin above Galena has more snow than last year while the basin below Galena has similar, but more moderated snowpack compared to last year.

Western Interior Basins

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Koyukuk								
Bettles Field	640	3/1/2017	24	3.9	28	4.7	---	5.6
Bonanza Forks	1200	2/28/2017	28	6.4	13	2.8	26	4.8
Cloverleaf	170	2/28/2017	19	3.3*	21	4.0*	---	---
Coldfoot	1040	3/1/2017	32	5.4	26	5.5	---	5.3
Colville Bend	170	2/28/2017	24	4.2*	23	4.1*	---	---
Disaster Creek	1550	2/28/2017	21	4.0	18	3.7	22	3.2
East Chalatna	430	3/3/2017	21	3.6*	---	---	---	---
Gobblers Knob	2030	3/1/2017	14	---	0	---	---	---
Huggins Creek	290	2/28/2017	27	4.6*	16	3.2*	---	---
Jr Slough	160	2/28/2017	19	3.2*	19	3.8*	---	---
Kaldoyeit	750	3/3/2017	31	5.8*	---	---	20	3.7
Kanuti Chalatna	670	3/3/2017	28	5.2*	---	---	28	5.2
Kanuti Kilolitna	550	3/3/2017	26	4.5*	---	---	21	4.0
Kanuti Lake	524	3/1/2017	21	3.4*	14	---	---	---
Minnkokut	580	3/3/2017	32	5.8*	---	---	32	5.7
Nolitna	560	3/3/2017	38	7.0*	---	---	28	5.0
Table Mountain	2200	2/28/2017	24	4.2	21	4.3	21	3.3
Treat Island	190	2/28/2017	33	5.9*	15	2.9	---	---
Kuskokwim								
Aniak	80	3/1/2017	14	3.5*	11	2.9*	---	---
Canyon Lake	550	3/1/2017	21	---	11	---	---	---
Mcgrath	340	3/1/2017	13	2.0*	20	4.7*	27	5.4
Purkeypile Mine	2025	3/1/2017	27	4.4*	21	5.1	24	4.6
Telaquana Lake	1550	3/1/2017	21	3.4	---	---	22	4.4
Telaquana Lake SNOTEL	1275	3/1/2017	18	4.0	17	5.6	---	---
Lower Yukon								
Deer Creek	195	2/28/2017	33	5.6*	12	3.2*	---	---
Galena Ecological Site	128	2/27/2017	16	2.8	16	3.1	---	---
Little Mud River	855	2/28/2017	27	4.7*	15	3.3*	---	---
Lower Nowitna River	205	2/28/2017	33	5.9*	12	3.1*	---	---
Middle Innoko	150	2/28/2017	19	3.2*	23	4.7*	32.0	6.5
Ninemile Island	140	2/28/2017	31	5.4*	23	4.2*	---	---
Pike Trap Lake	130	2/28/2017	16	2.9*	9	2.2*	---	---
Squirrel Creek	150	2/28/2017	29	5.2*	29	6.4*	---	---
Wapoo Hills	220	2/28/2017	36	6.6*	41	8.1*	33.0	6.8
*Estimate								

Arctic and Kotzebue Sound



Snow pack

Arctic

The Arctic had above normal precipitation during February. The snowpack at the measurement sites along the Dalton Highway is near normal.

Kotzebue

Kotzebue received above normal precipitation for the month, but is still below normal for the winter. Kelly Station SNOTEL has 32" of snow depth with 5.8" of water content. This is the most snow the site has reported on March 1 since the site was installed 6 years ago.

Arctic and Kotzebue Sound

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Atigun Pass	4800	3/1/2017	50	---	46	---	---	---
Imnaviat Creek	3050	3/1/2017	26	---	21	---	---	---
Kelly Station	310	3/1/2017	32	5.8	21	---	---	---
Prudhoe Bay	30	3/1/2017	16	---	4	---	---	---
Sagwon	1000	3/1/2017	16	---	15	---	---	---

**Estimate*

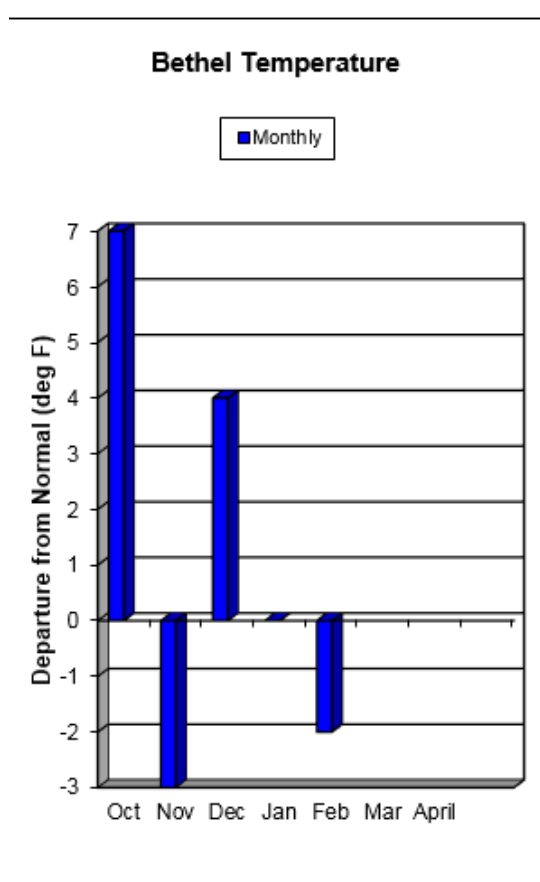
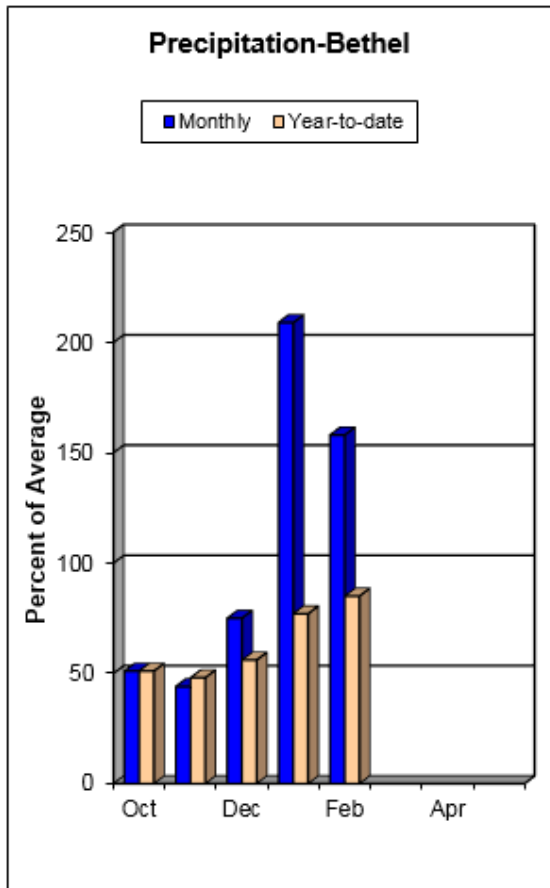
Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Kuparuk River near Deadhorse	Apr-Jul	87	117	57	695	796
	May-Jul	94	134	66	750	795
Sagavanirktok River near Pump Station 3	Apr-Jul	101	122	80	689	684
	May-Jul	102	152	69	700	683

Precipitation

			Inches Accumulated since October 1st		
Site Name	Elev.	This Year	Last Year	1981-2010 Normal	% of Normal
Arctic					
Atigun Pass	4800	3.7	3.4	4.8	77%
Imnaviat Creek	3050	2.4	1.4	2.6	92%
Prudhoe Bay	30	2.8	1.8	2.6	108%
Sagwon	1000	2.2	2.0	2.6	85%
Kotzebue Sound					
Port Red Dog	50	5.7	4.2	3.1	184%
Red Dog Mine	950	6.0	5.3	3.9	154%
Kelly Station	310	5.1	3.6	---	---

Norton Sound/Y-K Delta/Bristol Bay



Snow pack

Norton Sound

The Norton Sound area received above normal precipitation during February. Rocky Point SNOTEL, near White Mountain, gained 14" of new snow depth for a total of 30", the deepest March 1st reading since 2009. The Unalakleet SCAN site, located outside of town at 310 feet of elevation, gained 4" of snow during February and caught 0.7" of precipitation for the month.

Yukon Kuskokwim Delta

Snowpack made slight gains in the Y-K Delta during February. The Kanaryagak Camp SCAN site, located southeast of Chevak, gained 3" of snow for a total of 11" of snow depth, and a gain of 0.4" precipitation during the month.

Bristol Bay

The snowpack is more robust in the Bristol Bay basin this year, compared to last year. The Port Alsworth snow course had 21" of snow with 3.7" of water content which is 103% of normal and considerably more than the bare earth of last year. Weary Lake SCAN, 20 miles northwest of Dillingham, gained 2.5" of precipitation during February and 7" of snow depth.

Norton Sound/Y-K Delta/Bristol Bay

Snowpack Data

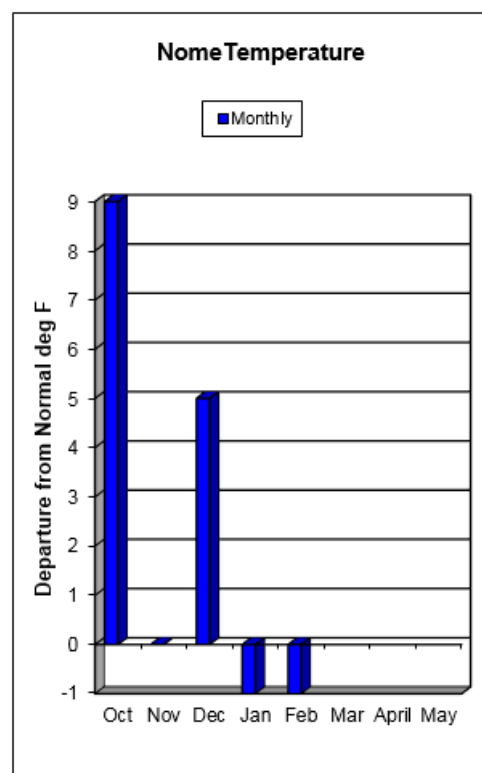
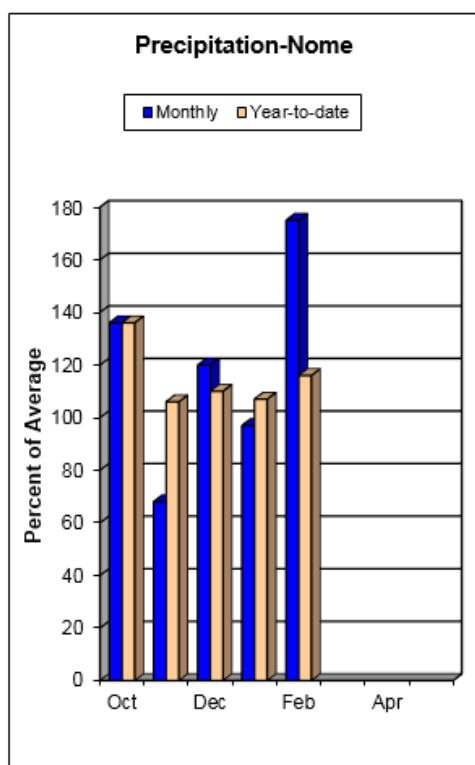
Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Bristol Bay								
Canyon Lake	550	3/1/2017	21	---	11	---	---	---
Lower Mulchatna	320	3/1/2017	13	---	2	---	---	---
Naknek River	100	3/1/2017	15	---	0	---	---	---
Port Alsworth	270	3/1/2017	21	3.7	0	0.0	18	3.6
Weary Lake	100	3/1/2017	35	---	7	2.6*	---	---
Norton Sound								
Checkers Creek	326	3/1/2017	15	---	10	1.8*	---	---
Johnsons Camp	25	3/1/2017	9	---	11	---	---	---
Pargon Creek	100	3/1/2017	15	2.4*	13	3.1*	---	---
Rocky Point	250	3/1/2017	30	4.5*	23	4.7*	---	---
Unalakleet	290	3/1/2017	11	---	0	---	---	---
Yukon-Kuskokwim Delta								
Kanaryagak Camp	13	3/1/2017	11	---	14	---	---	---
*Estimate								

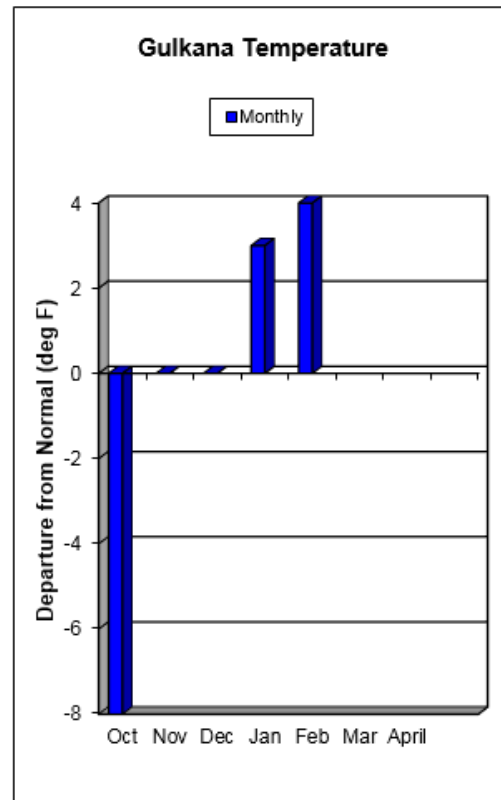
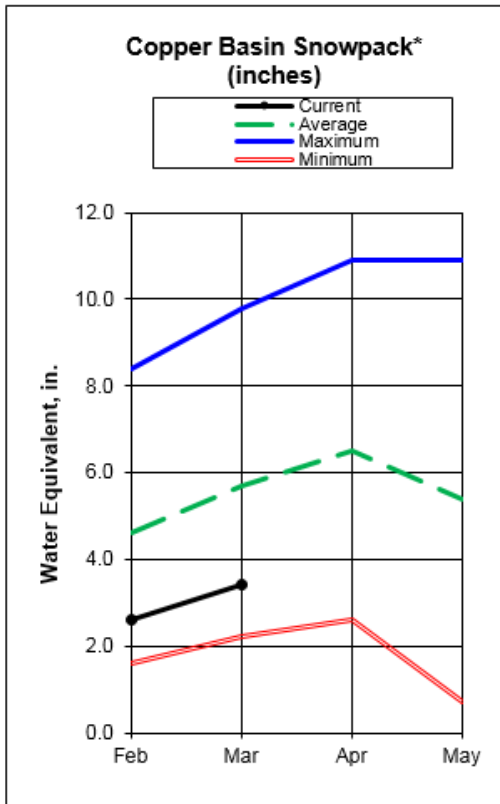
*Estimate

Precipitation

Site Name	Elev.	This Year	Inches Accumulated since October 1st		
			Last Year	1981-2010 Normal	% of Normal
Bristol Bay					
Lower Mulchatna	320	4.5	9.2	---	---
Naknek River	100	4.4	10.3	---	---
Weary Lake	100	18.6	31.8	---	---
Norton Sound					
Checkers Creek	326	2.7	2.5	---	---
Pargon Creek	100	5.0	7.1	5.1	98%
Rocky Point	250	4.0	5.6	4.8	83%
Unalakleet	290	4.5	5.2	---	---
Yukon - Kuskokwim Delta					
Kanaryagak Camp	13	3.4	3.9	---	---



Copper Basin



Snow pack

The Copper Basin snowpack continues to be below normal. The 12 sites measured averaged 85% of normal, the same as last year. However, the snow is distributed differently.

The Alaska Range courses average 69% of normal compared to 90% last year. Paxson snow course measured at 24 inches of snow with 4.5 inches of water content, 2" deeper, but 0.4" of water content drier than last year.

The basin floor snowpack was 80% of normal, compared to 68% last year. Kenny Lake and Tazlina snow courses were the only courses in the Copper Valley to be measured with an above normal snowpack.

The Chugach Range sites average 91%. Upper Tsaina SNOTEL gained 3.3" of precipitation during February, 78% of normal, but has a near normal snowpack.

In the Wrangell Mountains, May Creek SNOTEL gained 1.6" of February precipitation, about twice normal. This brings the snowpack there to 20" of depth with 3.9" of water content, about 85% of normal.

Copper Basin

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Chistochina	1950	2/28/2017	17	2.8	16	2.9	20	3.2
Chokosna	1550	2/28/2017	14	2.7	4	0.8	16	3
Copper Center	1264	2/26/2017	21	3.6	13	2.7	---	---
Fielding Lake	3000	2/28/2017	27	5.5	35	9.0	37	8.6
Haggard Creek	2540	2/28/2017	20	3.5	17	3.2	26	5.2
Kenny Lake School	1300	3/1/2017	18	3.3	9	2.1	17	3.0
Little Nelchina	2650	2/28/2017	17	2.7	14	2.5	24	4.7
Long Glacier	4820	3/1/2017	48	12.1*	28	5.3*	---	---
Lost Creek	3030	2/27/2017	14	2.2*	15	2.6	17	3
May Creek	1610	3/1/2017	20	3.9	17	3.5	---	4.6
Mentasta Pass	2430	2/28/2017	20	3.6	18	3.9	24	5.1
Paxson	2650	2/28/2017	24	4.5	22	4.8	30	5.9
Tazlina	1250	2/28/2017	19	3.6	11	2.3	16	3.4
Tebay Lake	1930	3/1/2017	48	12.1*	69	17.5*	---	---
Tolsona Creek	2000	2/28/2017	19	3.2	15	2.8	20	3.8
Tsaina River	1650	2/28/2017	49	12.5	61	15.6	53	14.1
Upper Tsaina River	1750	3/1/2017	56	16.2	67	17.2	---	16.3
Worthington Glacier	2100	2/27/2017	64	19.9	80	23.2	69	21.6

*Estimate

Streamflow Forecasts

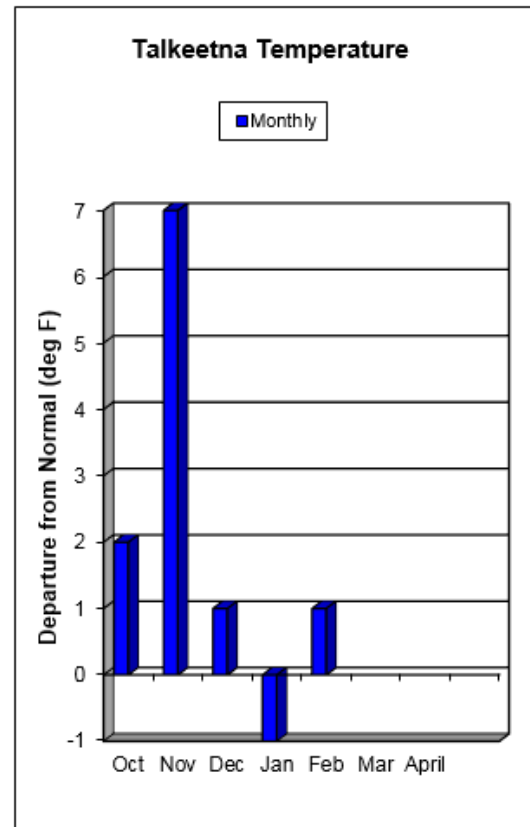
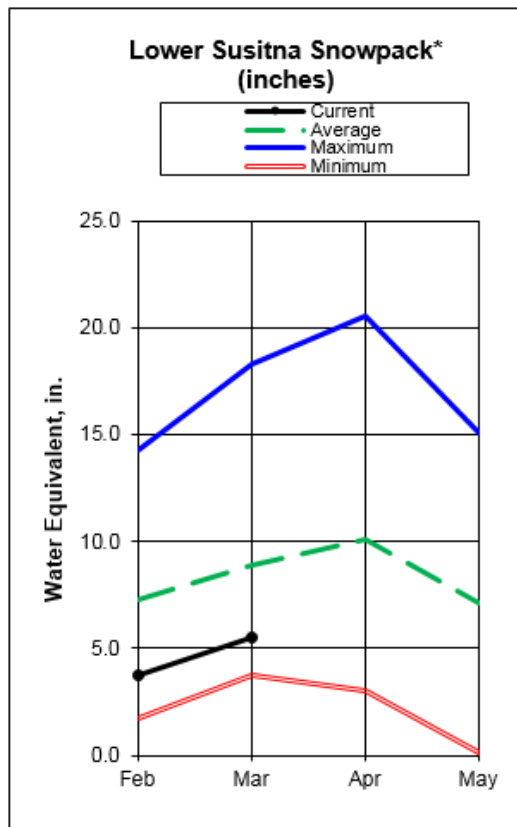
Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Gulkana River at Sourdough	Apr-Jul	81	118	43	355	440

Precipitation

Inches Accumulated since October 1st

Site Name	Elev.	This Year	Last Year	1981-2010 Normal	% of Normal
May Creek	1610	4.2	6.8	5.5	76%
Upper Tsaina River	1750	15.0	22.1	24.1	62%

Matanuska—Susitna Basin



Snow pack

Most of the Matanuska and Susitna basins experienced moderate but below normal precipitation during February. Snowpacks across the basin remain below normal, though some are close to normal. The 21 snow measurement sites average 67% of normal snowpack for this time of year.

The 6 sites in the lower Susitna basin averaged 67% of normal with the eastern side above 70% and western side below 60%. The Willow Airstrip snow course was the site closest to normal in the whole basin with 28" of snow depth and 5.4" of water content, 95% of normal.

Upper Susitna Basin was uniformly below normal, both east and west of the Talkeetna Mountains along with the Peters Hills, with all these areas being around 65% of normal.

The upper Little Su basin fared a little better, with lower elevation sites being between 70-80% of normal. Because of the dry start to winter, upper elevation sites continue to be relatively more anemic and the snowpack is uniform up and down the mountainside, especially compared to the last couple of years.

Matanuska—Susitna Basin

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Alexander Lake	160	3/1/2017	28	5.8	33	9.6	44	11.0
Alexander Lake SNOTEL	160	3/1/2017	24	4.3	26	7.7	---	---
Archangel Road	2200	3/2/2017	39	8.9	38	11.0	42	11.7
Birthday Pass	4020	3/2/2017	55	15.6	75	27.5	---	---
Blueberry Hill	1200	3/1/2017	37	8.3	50	14.8	45	12.8
Chelatna Lake	1450	3/1/2017	27	6.1*	25	7.3*	44	10.0
Denali View	700	3/1/2017	29	6.2	33	9.2	38	10.9
Dunkle Hills	2700	3/1/2017	26	5.5*	48	14.5*	---	---
Dutch Hills	3100	3/1/2017	51	10.7*	59	17.4*	74	22.1
E. Fork Chulitna	1770	3/1/2017	36	7.2	44	13.2	46	11.2
Fishhook Basin	3300	3/2/2017	43	10.3	55	19.3	53	15.6
Halfway Slough	350	3/1/2017	22	4.4	16	3.8	---	---
Horsepasture Pass	4300	3/1/2017	15	2.4*	19	---	---	---
Independence Mine	3550	3/2/2017	47	11.0	62	22.3	62	18.6
Independence Mine SNOTEL	3550	3/1/2017	41	9.8	47	14.6	---	10.2
Lake Louise	2400	2/28/2017	17	2.5	15	2.5	21	3.8
Little Susitna	1700	3/2/2017	36	7.7	35	8.7	37	9.7
Monahan Flat	2710	3/1/2017	23	4.7	33	---	---	---
Nugget Bench	2010	3/1/2017	36	8.6*	31	9.3*	48	13.1
Ramsdyke Creek	2220	3/1/2017	47	12.3*	62	18.2*	62	18.6
Sheep Mountain	2900	2/28/2017	22	3.6	21	4.0	24	4.8
Skwentna	160	3/1/2017	29	6.1	28	7.9	42	10.6
Susitna Valley High	375	3/1/2017	27	6.0	19	6.1	---	7.2
Talkeetna	350	3/1/2017	22	4.5	17	4.6	28	6.2
Tokositna Valley	850	3/1/2017	37	9.4	47	13.7	---	10.4
Willow Airstrip	200	3/1/2017	28	5.4	18	4.3	27	5.7

*Estimate

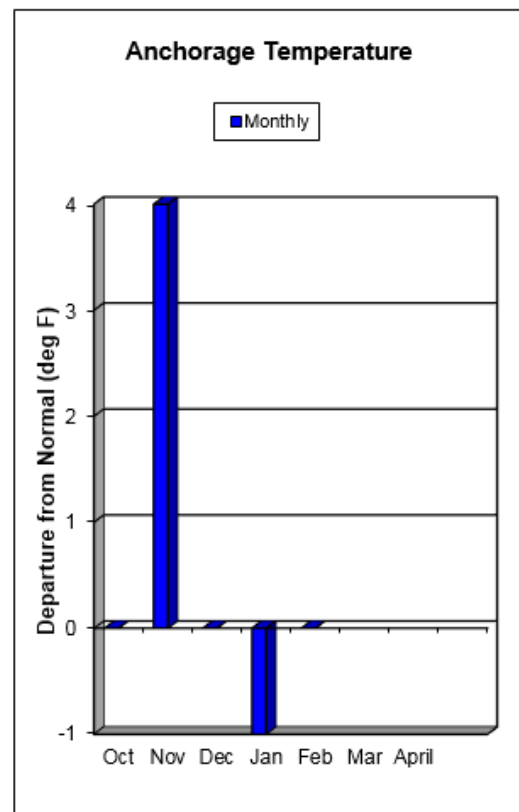
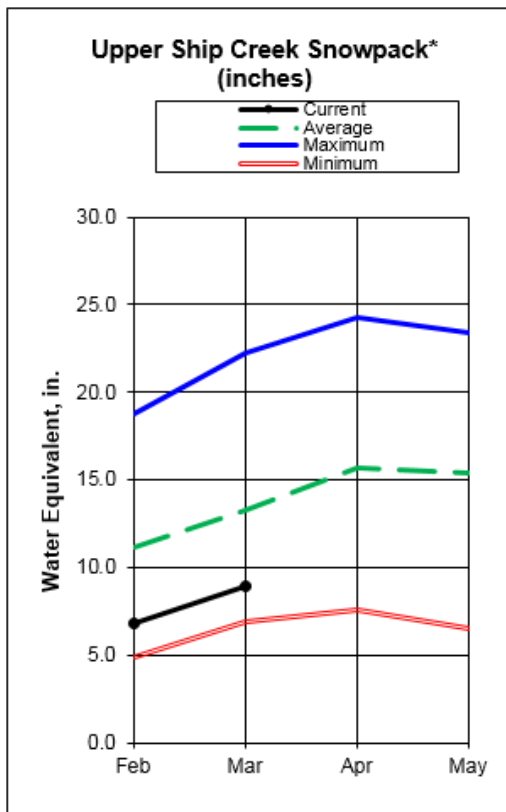
Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Little Susitna River near Palmer	Apr-Jul	80	118	49	66	82
Talkeetna River near Talkeetna	Apr-Jul	86	118	68	1350	1570

Precipitation

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1981-2010 Normal	% of Normal
Alexander Lake	160	7.4	15.1	---	---
Independence Mine	3550	10.4	16.5	13.3	78%
Monahan Flat	2710	4.1	6.9	7.1	58%
Susitna Valley High	375	6.4	9.8	10.5	61%
Tokositna Valley	850	9.7	18.7	17.1	57%

Northern Cook Inlet



Snow pack

Precipitation was mixed across northern Cook Inlet during February. Some sites had above normal precipitation for the month and other sites had below normal precipitation. The snowpack in the North Cook Inlet area is the inverse of what it was last year. Even though the 17 snow measurement sites in this area are only 2% greater than last year (71% of normal this year compared to 69% last year), the two winter's snowpacks couldn't be much different.

Last year at this time the high elevation sites were just below normal and the low elevation sites, like Kinkaid Park snow course, were bare due to warm temperatures. This year the upper elevation sites are much below normal and the low elevations sites are actually above normal. Kinkaid Park snow course now has 22" of snow depth with 4.7" of water content, 121% of normal. This has also caused the snowpack to be more uniform up and down the mountains.

The Arctic Valley snow courses best capture this marvel. At the top of the valley, the Arctic Ski Bowl snow course was 81% of normal last year and only 61% of normal this year. Dropping down to mid-slope Arctic Valley #3 snow course was 75% of normal last year and 91% of normal this year. At the bottom of the valley, Arctic Valley #1 snow course had no snow last year but is 135% of normal this year. At the same time the 5 snow courses in this valley vary only 3" in snow depth (24-27") and 1.4" (5.2-6.6") in water content compared to 28" of depth and 8.8" of water content last year.

Northern Cook Inlet

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Anchorage Hillside	2080	3/1/2017	30	7.6	23	5.5	---	8.3
Arctic Ski Bowl	3000	2/27/2017	27	6.6	28	8.8	35	10.8
Arctic Valley #1	500	2/27/2017	24	5.4	0	0.0	18	4.0
Arctic Valley #2	1000	2/27/2017	26	5.2	3	1.0	22	4.5
Arctic Valley #3	1450	2/27/2017	27	6.1	20	5.0	28	6.7
Arctic Valley #4	2030	2/27/2017	26	5.8	19	5.1	28	6.4
Chuitna Plateau	1540	3/1/2017	52	13.2*	68	20.9*	69	25.8
Congahbuna Lake	550	3/1/2017	27	6.1*	24	7.4*	34	9.0
Granite Point	250	3/1/2017	14	2.8*	0	0.0*	20	4.7
Indian Pass	2350	3/1/2017	48	12.1	56	16.9	---	19.3
Kincaid Park	250	3/1/2017	22	4.7	0	0.0	17	3.9
Lone Ridge	1675	3/1/2017	62	16.1	71	22.0	76	29.0
Moraine	2100	3/1/2017	23	5.3	25	5.3	---	6.8
Mt. Alyeska	1540	3/1/2017	51	14.9	65	24.6	---	26.6
Portage Valley	50	2/28/2017	51	13.8	0	0.0	36	11.0
South Campbell Creek	1200	3/1/2017	27	5.5	4	1.3	24	5.8

*Estimate

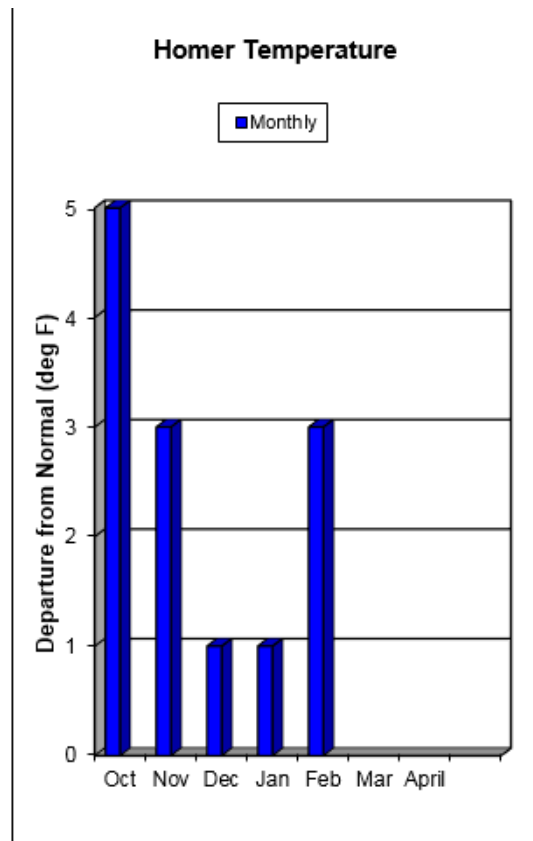
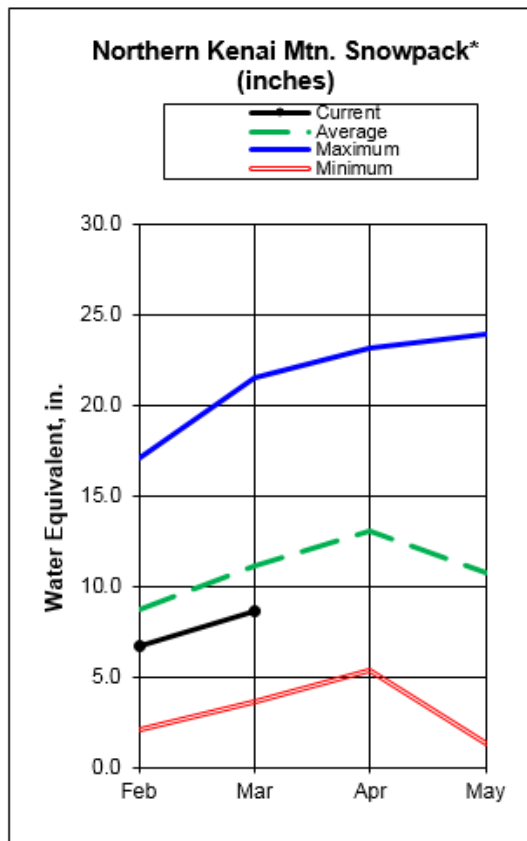
Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Ship Creek near Anchorage	Apr-Jul	66	90	49	38	58

Precipitation

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1981-2010 Normal	% of Normal
Anchorage Hillside	2080	8.2	9.1	11.9	69%
Indian Pass	2350	16.4	21.0	22.0	75%
Moraine	2100	6.4	8.9	10.1	63%
Mt. Alyeska	1540	2510%	48.4	39.9	63%

Kenai Peninsula



Snow pack

A few moist storms mid-month brought significant snowpack increases to portions of the Kenai Peninsula. As a result the snowpack across the Peninsula is varied.

The southern Kenai Peninsula saw significant gains in snowpack during the month, bringing snowpack near Homer to near normal conditions. The Ninilchik Dome area has the most consistent snowpack on the peninsula.

The northern Kenai Peninsula has more mixed conditions. Precipitation for the month hit the Gulf side near Seward more substantially than north towards the Turnagain Arm. Similar to the Chugach Mountains, the higher elevation sites are well below normal and many of the low elevation sites are above normal, quite different than last year at this time. Moose Pass and Jean Lake are both around 160% of normal while higher elevation sites Turnagain Pass SNOTEL and Kenai Summit snow course are only 64% of normal. The snowpack near Seward is more robust and slightly above normal. The twelve sites in northern Kenai average 83% of normal.

Kenai Peninsula

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Anchor River Divide	1653	3/1/2017	37	9.0	59	16.3	---	10.1
Bertha Creek	950	2/28/2017	36	8.1	46	14.4	47	14.7
Bridge Creek	1300	3/1/2017	39	9.6	35	9.6	34	9.6
Cooper Lake	1200	3/1/2017	45	11.4	44	15.3	---	13.1
Demonstration Forest	780	3/1/2017	27	6.5	11	3.5	23	6.6
Eagle Lake	1400	3/1/2017	42	10.7	51	13.3	40	10.4
Exit Glacier	400	3/1/2017	60	16.8	30	9.4	48	15.9
Exit Glacier	400	3/1/2017	60	15.3	30	10.1	---	15.9
Grandview	1100	3/1/2017	---	16.1	82	34.1	---	26.5
Grouse Creek Divide	700	3/1/2017	54	15.8	44	18.6	---	14.6
Jean Lake	620	2/28/2017	23	5.3*	5	1.0	14	3.2
Kenai Moose Pens	300	3/1/2017	21	3.6	11	3.2	---	4.0
Kenai Summit	1390	2/28/2017	36	8.1	65	17.2	45	12.3
Lower Kachemak Creek	1915	3/1/2017	13	---	27	---	---	---
Mcneil Canyon	1320	3/1/2017	37	8.5	28	10.8	---	9.0
Middle Fork Bradley	2300	3/1/2017	62	---	98	---	---	---
Moose Pass	700	2/28/2017	40	9.6	10	3.0	20	6.0
Mt. Alyeska	1540	3/1/2017	51	14.9	65	24.6	---	26.6
Nuka Glacier SNOTEL	1250	3/1/2017	67	---	75	---	---	---
Port Graham	300	3/1/2017	29	7.3	0	0.0	---	6.7
Portage Valley	50	2/28/2017	51	13.8	0	0.0	36	11.0
Snug Harbor Road	500	2/28/2017	25	6.5	2	0.5	17	5.2
Summit Creek	1400	3/1/2017	29	6.9	42	11.6	---	10.0
Turnagain Pass	1880	3/1/2017	65	17.8	147	48.5	---	27.9

*Estimate

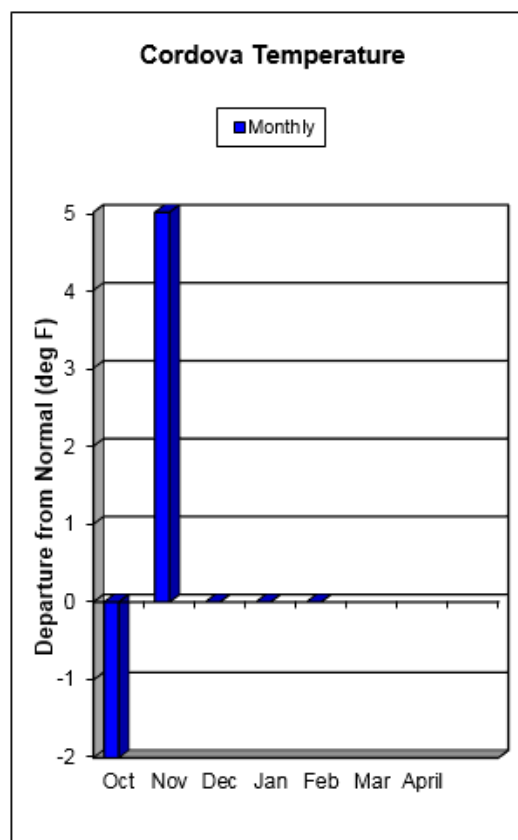
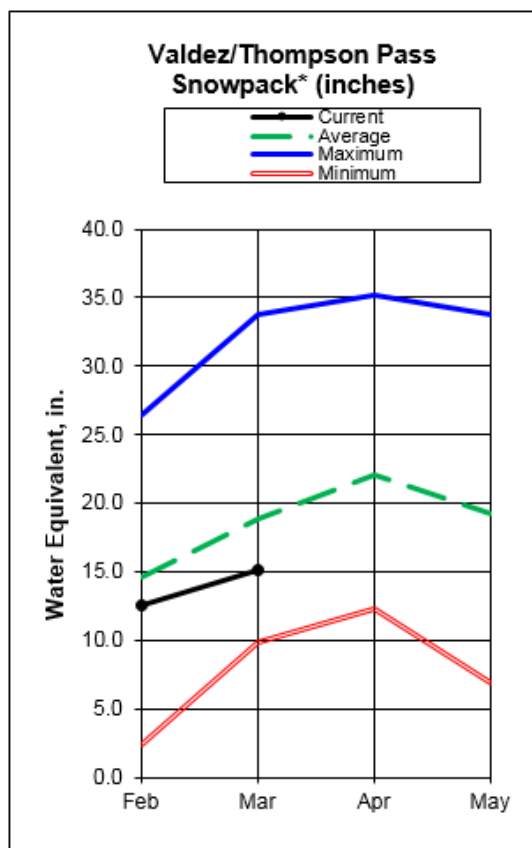
Streamflow Forecasts

Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Kenai River at Cooper Landing	Apr-Jul	80	93	67	770	960

Precipitation

Site Name	Elev.	This Year	Inches Accumulated since October 1st			% of Normal
			Last Year	1981-2010 Normal		
Anchor River Divide	1653	13.4	22.4	14.4		93%
Cooper Lake	1200	16.4	26.6	22.9		72%
Grandview	1100	29.1	57.2	34.8		84%
Grouse Creek Divide	700	26.3	55.8	33.3		79%
Kachemak Creek	1660	31.3	61.5	34.7		90%
Kenai Moose Pens	300	5.0	6.9	7.3		68%
Mcneil Canyon	1320	13.5	19.8	14.9		91%
Middle Fork Bradley	2300	26.5	42.0	29.0		91%
Nuka Glacier	1250	35.9	65.5	48.2		74%
Port Graham	300	26.7	53.3	43.5		61%
Summit Creek	1400	10.0	19.6	14.0		71%
Turnagain Pass	1880	27.7	53.2	34.3		81%

Western Gulf



Snow pack

Precipitation across Prince William Sound was near normal for the month of February. However, the snowpack in the Western Gulf of Alaska region continues to be slightly below normal.

Esther Island SNOTEL, in the northwestern part of the Sound 50' above the ocean, caught 10.0" of precipitation during February and saw its snowpack increase 10" as well, from 29" to 39".

Western Gulf

Snowpack Data

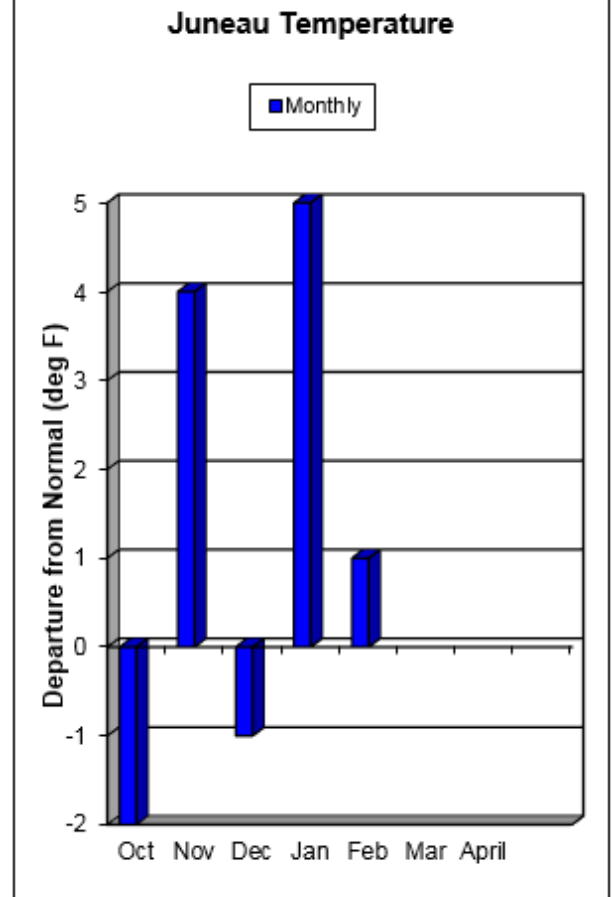
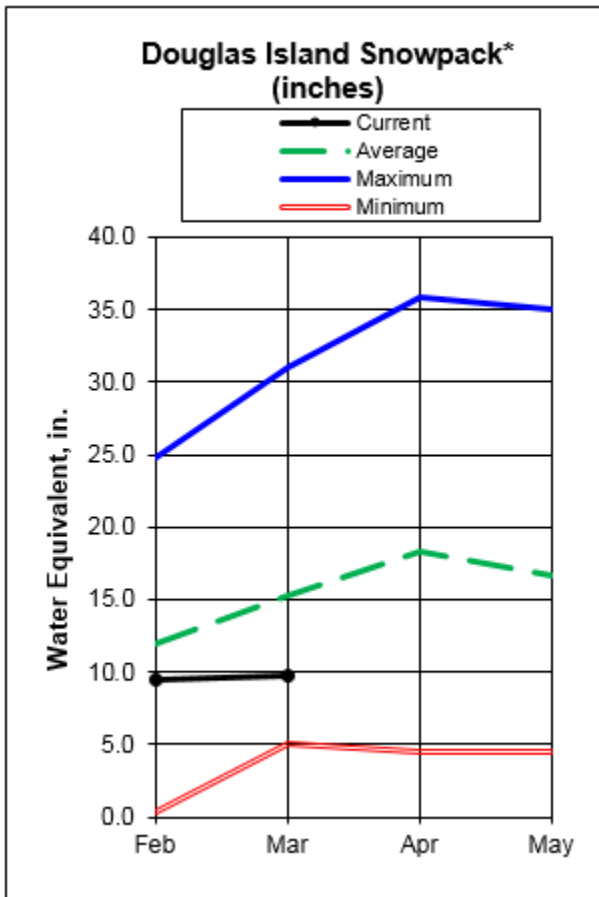
Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Exit Glacier	400	3/1/2017	60	16.8	30	9.4	48	15.9
Exit Glacier SNOTEL	400	3/1/2017	60	15.3	30	10.1	---	15.9
Grouse Creek Divide	700	3/1/2017	54	15.8	44	18.6	---	14.6
Lowe River	600	2/27/2017	43	11.5	41	12.1	50	14.8
Mt. Eyak	1405	3/1/2017	57	19.7	35	12.6	---	22.1
Nuka Glacier SNOTEL	1250	3/1/2017	67	---	75	---	---	---
Sugarloaf Mountain	550	<i>No Survey</i>	---	---	60	18.2	70	21.1
Tsaina River	1650	2/28/2017	49	12.5	61	15.6	53	14.1
Upper Tsaina River	1750	3/1/2017	56	16.2	67	17.2	---	16.3
Valdez	50	2/27/2017	42	12.0	33	11.5	46	14.0
Worthington Glacier	2100	2/27/2017	64	19.9	80	23.2	69	21.6

**Estimate*

Precipitation

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1981-2010 Normal	% of Normal
Esther Island	50	52.1	113.8	71.9	72%
Grouse Creek Divide	700	26.3	55.8	33.3	79%
Mt. Eyak	1405	41.2	70.4	---	---
Nuchek	50	49.6	96.6	---	---
Nuka Glacier	1250	35.9	65.5	48.2	74%
Port San Juan	50	53.1	92.6	66.1	80%
Seal Island	20	22.0	49.6	---	---
Strawberry Reef	30	31.2	55.3	---	---
Sugarloaf Mtn	550	24.4	39.5	34.5	71%
Tatitlek	50	25.6	44.0	35.7	72%

Southeast



Snow pack

February precipitation in Southeast Alaska was varied. Measurement sites caught between 70% and 115% of normal monthly precipitation. The precipitation which did come came as both rain and snow, melting snowpacks at lower sites and adding depth to higher sites. Snowpack continues to be below normal across the region.

Long Lake SNOTEL, 30 miles southeast of Juneau and at 800' of elevation, gained 9.7" of precipitation during February but had the same snowpack at both the beginning and end of the month.

The Heen Latinee SNOTEL site, 30 miles north of Juneau and at 2065' of elevation, gained 5.2" of precipitation over the month, which added 7" of depth and 2.6" of water content to the snowpack.

Southeast

Snowpack Data

Site Name	Elev.	Date	This Year		Last Year		1981-2010 Normal	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Cropley Lake	1650	2/27/2017	57	21.3	37	15.8	71	23.1
Eagle Crest	1200	2/27/2017	44	7.6	4	2.0	45	16.5
Fish Creek	500	2/27/2017	2	0.2	0	0.0	20	6.5
Heen Latinee	2065	3/1/2017	45	12.6	44	12.2	---	---
Institute Creek	1350	2/27/2017	26	9.4	0	0.0	---	---
Long Lake	850	3/1/2017	55	19.6	63	24.0	---	27.2
Moore Creek Bridge	2250	3/1/2017	51*	14.6*	54	16.4	64	18.9
Petersburg Reservoir	550	2/28/2017	14	2.4	0	0.0	18	4.0
Petersburg Ridge, S.	1650	2/28/2017	47	15.9	23	8.8	65	21.4
Rainbow Falls	500	2/27/2017	0	0.0	0	0.0	---	---
Speel River	280	2/27/2017	42	17.0	---	---	68	23.7
West Creek	475	3/1/2017	19*	5.6*	29	10.2	---	---

*Estimate

Streamflow Forecasts

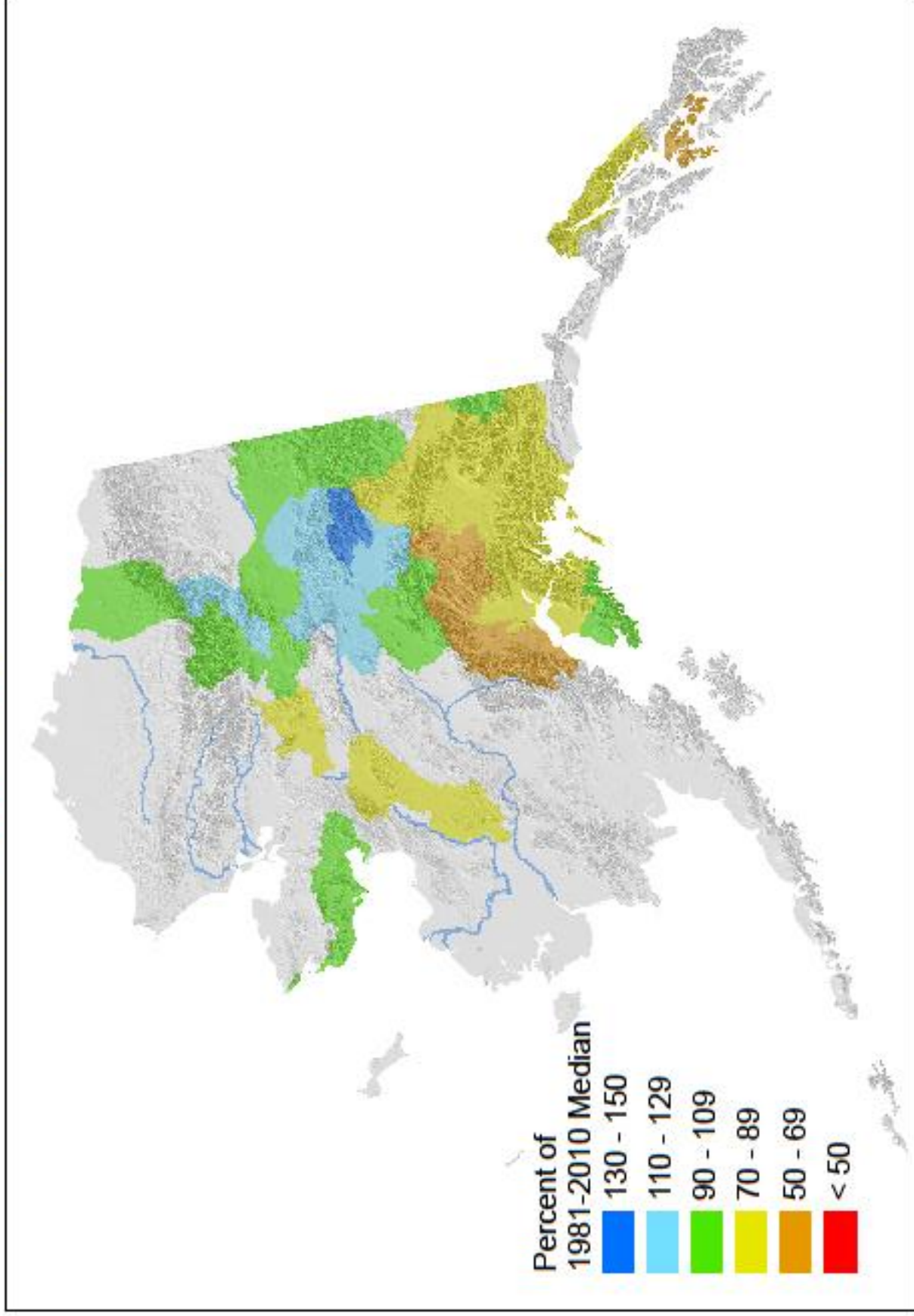
Forecast Point	Forecast Period	% of Average	Maximum(%)	Minimum(%)	50% Exceedance (KAF)	30yr Average (KAF)
Taiya River near Skagway	Apr-Jul	69	121	78	465	464

Precipitation Data

Site Name	Elev.	Inches Accumulated since October 1st			
		This Year	Last Year	1981-2010 Normal	% of Normal
Long Lake	850	74.0	89.2	85.9	86%
Heen Latinee	2065	30.7	34.4	---	---
Moore Creek Bridge	2250	22.4	27.2	23.7	95%

Alaska Snowpack as of March 1, 2017

Based on Snow Course and SNOTEL site Snow Water Content



For further information contact:

NRCS Alaska web site: www.nrcs.usda.gov/wps/portal/nrcs/main/ak/snow/

NRCS Water and Climate Center web site: <http://www.wcc.nrcs.usda.gov/>

Alaska Meteor Burst Communication System (AMBCS) web site: www.ambcs.org

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