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 **NRCS** Natural Resources
Conservation Service

ALASKA SNOW SURVEY REPORT



May **1, 2008**

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GENERAL OVERVIEW

Snowpack

Besides north and eastern Alaska, most snowpacks statewide have increased to reach normal or well above normal conditions as of May 1st. This is due to the cooler temperatures and continued precipitation in April that delayed snowmelt and provided additional snow water accumulation for most snowpacks.

Western Alaska from Bethel north to Kotzebue is above normal and the Seward Peninsula is up around 150% of normal. The Kenai Peninsula/West side of the Western Gulf is in the 130-150% of normal range. Turnagain Pass SNOTEL site snowpack continued to accumulate increasing 4.7 inches of water content to 58.4 inches, 139% of normal.

With the record setting snowfall that hit the Anchorage area April 25th-26th, the Anchorage Hillside SNOTEL site is 133% of normal conditions and the South Fork Campbell Creek snow course in Chugach State Park has 26 inches of snow and 8.6 inches of water content, 200% of normal. This is the 2nd highest water content measured for May 1st, the highest occurred in 1975 and was 11.1 inches.

Southeast Alaska also continued its 2nd consecutive big snow year as Cropley Lake snow course above Fish Creek increased to 49.1 inches of snow water, 150% of normal. This is the 3rd highest measurement on record. The Petersburg Ridge snow course above Petersburg Reservoir increased to 51.5 inches of snow water, 233% of normal. This is the 2nd highest water content measured on record, whereas last year was the highest.

At the Snettisham Hydro-electric project, the Long Lake SNOTEL site increased 7.5 inches of water content to 126% of normal. This is the 3rd highest water content measured on record, last year and 1972 being the only two higher years.

However, north of the Alaska Range, going from west to east the snowpacks drop to the near normal range, while falling to below normal in the Fairbanks area.

South of Delta Junction, Fielding Lake snow course continues to have the 3rd lowest snow water content on record (5.0 inches); the lowest occurred in 1995 when there was no snow by May 1st. The Chena River basin is a combined 62% of normal; snow water content varies from 0.4 inches at Monument Creek SNOTEL site to 7.2 at Munson Ridge SNOTEL site.

Precipitation

Most of the state received above normal precipitation in April. The Kenai Peninsula, Copper Basin and the Western Gulf were the only areas that received less than normal precipitation; these areas all only received 70% of average for the month. The Bradley River sites across Kachemak Bay from Homer received the least at a combined 53% of average. In contrast, Western Alaska from Kotzebue to Bethel received above normal precipitation. In addition, the Interior, Tanana, Northern Cook Inlet and Southeast Alaska all received above normal precipitation. The Tanana basin including the Chena received about 200% of average precipitation for April and Kantishna SNOTEL site received 1.3 inches, almost triple it's average of 0.5 inches.

Temperature

Average air temperatures across most of Alaska were near normal or below normal for most of the state. Southwest Alaska experienced 5 deg F below average temperatures and southcentral Alaska experienced temperatures 2 deg F below average. However, the northern and eastern parts of the state including Eagle, Fort Yukon, Slana and Barrow ranged from 5 deg F to 10 deg F above average for the month.

STREAMFLOW

Streamflow forecasts of snowmelt runoff are as follows:

FORECAST POINT*	Percent of Ave. Flow	Period
Yukon River at Eagle	102	May-Jul
Porcupine River nr International Boundary.....	93	May-Jul
Yukon River near Stevens Village	97	May-Jul
Tanana River at Fairbanks	90	May-Jul
Tanana River at Nenana.....	85	May-Jul
Little Chena River near Fairbanks	83	May-Jul
Chena River near Two Rivers.....	94	May-Jul
Salcha near Salchaket.....	84	May-Jul
Sagvanirktok River near Pump Station 3.....	86	May-Jul
Kuparuk River near Deadhorse	77	May-Jul
Kuskokwim River at Crooked Creek.....	137	May-Jul
Gulkana River at Sourdough	82	May-Jul
Little Susitna River near Palmer	85	May-Jul
Talkeetna River near Talkeetna.....	90	May-Jul
Ship Creek near Anchorage	114	May-Jul
Kenai River at Cooper Landing.....	116	May-Jul
Gold Creek near Juneau.....	129	May-Jul

SNOWMELT RUNOFF INDEX (SRI)

For streams that no longer have stream gauging stations.

FORECAST POINT	INDEX	Index	Key:
Koyukuk River at Hughes.....	+1.2		
MF Koyukuk River near Wiseman.....	+1.6		
Slate Creek at Coldfoot.....	+1.8		
Beaver Creek above Victoria.....	-1.5	-2 to -3	much below average snowmelt runoff
Birch Creek below South Fork.....	-1.5		
Caribou Creek at Chatanika	-1.4		
Susitna River near Gold Creek.....	+0.3	-1 to -2	below average snowmelt runoff
Chulitna River near Talkeetna	-0.2		
Deshka River at mouth near Willow.....	+1.7		
Montana Creek at Parks Highway	+0.9	-1 to +1	average snowmelt runoff
Willow Creek near Willow	-0.8		
Skwentna River at Skwentna.....	+2.2	+1 to +2	above average snowmelt runoff
Chuitna River near Tyonek.....	+2.3		
Campbell Creek near Spenard	+1.0		
Indian Creek at Indian.....	+0.2	+2 to +3	much above average snowmelt runoff
Bird Creek at Bird Creek.....	+0.2		
Glacier Creek nr Girdwood.....	+1.7		
Six Mile Creek near Hope.....	+2.1		
Resurrection Creek near Hope	+2.2		
Grouse Ck @ Grouse Lake Outlet.....	+1.3		
Anchor River near Anchor Point	+0.5		
Deep Creek near Ninilchik.....	+0.2		
Ninilchik River near Ninilchik	+0.4		
Fritz Creek near Homer	+0.7		
Skagway River at Skagway	+1.1		
Municipal Watershed C nr Petersburg.....	+2.7		

* See regional summaries for the forecast period and the actual forecasted flow volumes.

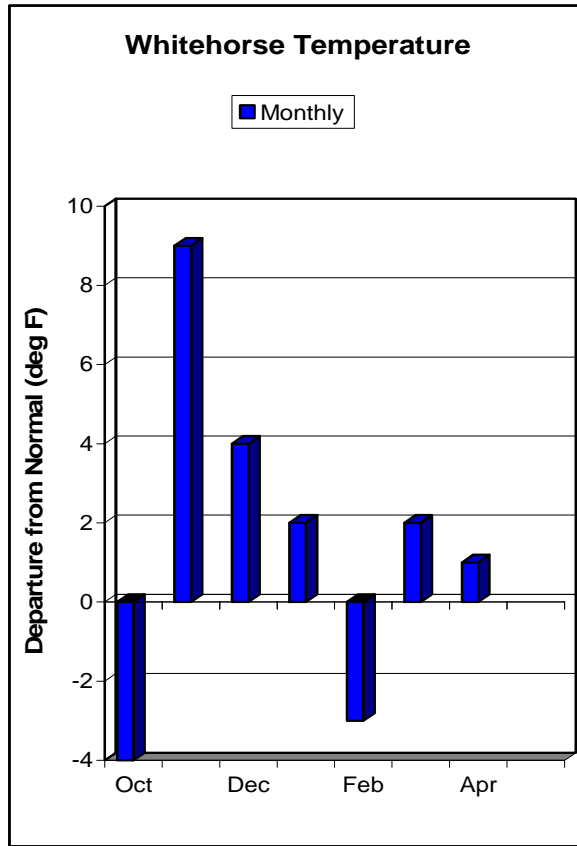
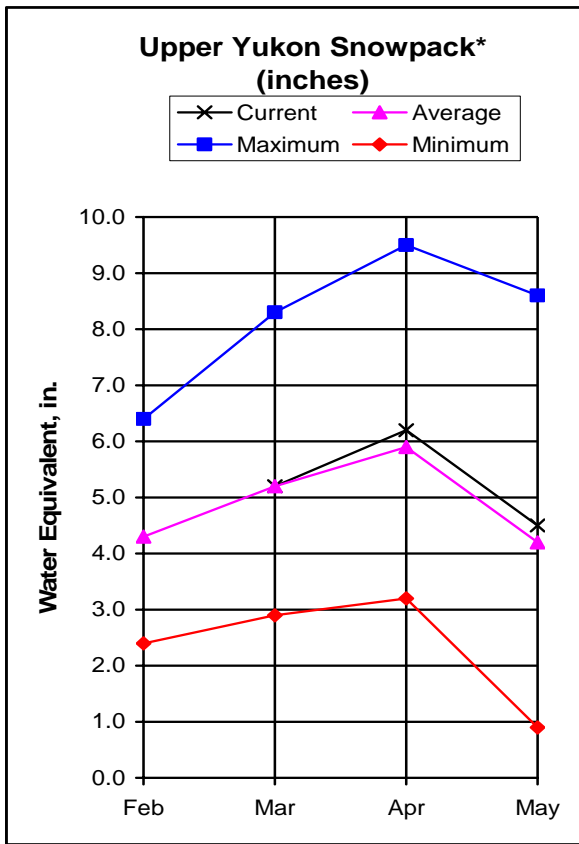
HOW FORECASTS ARE MADE

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 the water content in the snow at selected manual snow courses and automated SNOTEL sites are used in the runoff estimates. In addition, 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: uncertain knowledge of future weather conditions, uncertainty in the forecasting procedure, and 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 flows (90% and 70% exceedance probability) and two larger flows (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 uncertainty there is in the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known. This accuracy 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, such as the 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 determine the chances of receiving more or less water for their specific streamflow need.

UPPER YUKON BASIN*



Current Basin Conditions

Two record high water contents were measured in the Upper Yukon basin for May 1st. First, Jordan Lake snow course recorded 22 inches of snow depth with 6.1 inches of water content, 210% of normal; the previous record was set last year with 21 inches and 5.7 inches of water content. The second was Meadow Creek snow course which is 169% of normal and broke the record set in 1992 of 50 inches of snow depth and 16.0 inches of water content. For the rest of the Upper Yukon, most snow courses in the region above Whitehorse/Teslin went up in water content and are around 130% of normal. In contrast, the 8 snow courses in the White River melted out completely, with the exception of Mt. Berdoe. The White River basin is a combined 22% of normal.

* For further information contact the Natural Resources Conservation Service in Anchorage.

Upper Yukon Basin

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Arrowhead Lake	3675	No Survey			---	---	29	7.9
Atlin	2395	5/01/08	7	1.7	21	6.1	7	2.0
Beaver Creek	2150	4/30/08	0	0.0	8	1.3	4	1.1
Burns Lake	3650	4/30/08	38	11.4	24	7.3	25	8.3
Burwash Airstrip	2660	4/30/08	0	0.0	4	0.8	1	0.2
Calumet	4300	5/01/08	24	6.2	32	5.3	33	7.8
Casino Creek	3495	5/01/08	0	0.0	21	4.9	20	4.6
Chair Mountain	3500	No Survey			---	---	---	---
Duke River	4300	5/02/08	0	0.0	---	---	15	3.1
Edwards Lake	2720	4/29/08	23	5.8	22	6.6	22	6.0
Finlayson Airstrip	3240	4/30/08	18	5.7	6	1.8	9	2.6
Fuller Lake	3695	4/29/08	33	9.5	26	8.4	28	8.1
Grizzly Creek	3200	4/29/08	0	0.0	0	0.0	21	5.2
Hoole River	3400	4/30/08	24	7.0	20	5.2	11	3.0
Jordan Lake	3050	4/30/08	22	6.1	21	5.7	11	2.9
King Solomon Dome	3540	4/28/08	21	6.4	24	7.1	14	3.8
Log Cabin (B.C.)	2900	5/02/08	41	14.8	47	19.3	38	14.2
MacIntosh	3805	5/01/08	0	0.0	0	0.0	8	1.9
Mayo Airport	1770	5/01/08	0*	0.0*	0	0.0	2	0.6
Meadow Creek	4050	4/28/08	54	17.9	43	13.4	37	10.6
Midnight Dome	2805	4/28/08	19	5.8	20	5.7	19	4.7
Montana Mountain	3350	5/01/08	17	4.9*	29	7.4	16	4.2
Morley Lake	2700	4/29/08	19	5.2	23	7.7	9	2.7
Mount Nansen	3350	5/01/08	0	0.0	0	0.0	2	0.5
Mt. Berdoe	3395	5/01/08	15	3.5	0	0.0	10	2.4
Mt. McIntyre B	3600	5/01/08	20	5.9	28	7.4	19	4.8
Pelly Farm	1550	4/27/08	6	1.1	9	2.4	1	0.3
Plata Airstrip	2725	4/29/08	22	5.9	17	6.1	18	5.5
Rackla Lake	3410	4/29/08	24	5.4	30	8.2	31	8.5
Russell Lake	3480	4/29/08	31	8.5	30	8.6	25	7.4
Satasha Lake	3530	5/01/08	0	0.0	0	0.0	6	1.9
Tagish	3540	5/01/08	20	6.1*	31	6.1	15	4.2
Twin Creeks	2950	4/29/08	24	6.0	18	5.7	20	5.7
White River	2700	No Survey			---	---	---	---
Whitehorse Airport	2300	5/01/08	2	0.3	7	2.1	4	1.0
Williams Creek	3000	5/01/08	0	0.0	8	2.0	9	1.9
Withers Lake	3200	4/29/08	30	7.8	28	8.7	30	9.1

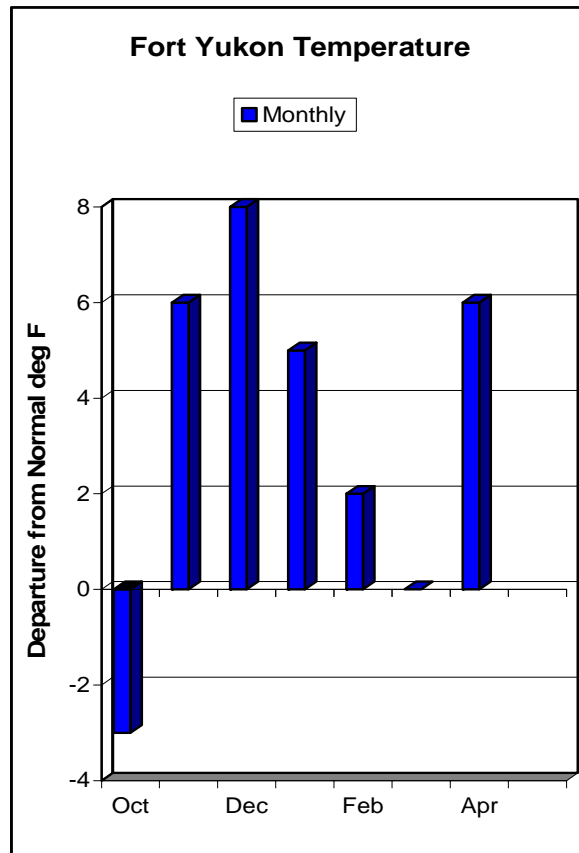
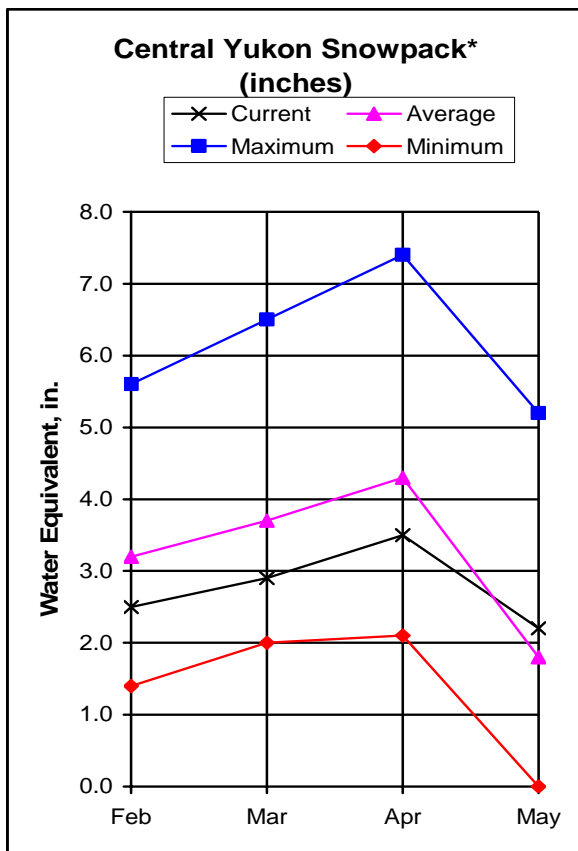
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Yukon River At Eagle	May-Jul	32900	33400	102	39100	27700

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Above Whitehorse/ Tetlin	10	81	130
Dawson	3	95	89
Stewart/ Pelly	12	108	111
White River	8	50	22

CENTRAL YUKON BASIN*



Current Basin Conditions

The Central Yukon basin snowpack increased to above normal conditions due to cooler than normal temperatures and continued precipitation in April. Although, Fort Yukon SNOTEL site is almost melted out and has only 1 inch of snow with an estimated 0.3 inches of water content.

The Lower Beaver Creek snow course was measured the 23rd of April and had 13 inches of snow depth with an estimated 3.2 inches of water content.

Seven Mile snow course, seven miles north of the Yukon Crossing on the Dalton Highway, had 17 inches of snow depth with 5.3 inches of water content, 171% of normal.

The 3 snow courses in the Porcupine River basin in the Yukon Territories are 88% of normal.

The Upper Nome Creek SNOTEL site, in the headwaters of Beaver Creek, has caught 5.3 inches of precipitation since October 1st, which is 65% of normal.

* For further information contact the Natural Resources Conservation Service in Fairbanks.

Central Yukon Basin

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Cathedral Creek	1800	No Report			0	0.0	---	---
Coal Creek	1000	No Report			0	0.0	---	---
Copper Creek	2000	No Report			0	0.0	---	---
Crescent Creek	2600	No Report			0	0.0	---	---
Eagle Plains	2330	4/30/08	14	6.6	14	5.5	20	4.8
Eagle River	1115	4/30/08	0	0.0	10	2.4	17	4.0
Fort Yukon	430	5/01/08	1	0.3	0	0.0*	---	---
Graphite Lake	600	4/23/08	3	0.8	---	---	---	---
Hess Creek	1000	4/28/08	20	4.6	5	1.2	9	2.5
Lower Beaver Creek	400	4/23/08	13	3.2	---	---	---	---
Mission Creek	900	No Report			0	0.0	2	0.5
Old Crow	980	No Report			15	3.7	14	3.3
Riff's Ridge	2130	4/30/08	17	5.2	0	0.0	19	4.6
Seven Mile	600	4/28/08	17	5.3	6	1.0	12	3.1
Step Mountain	2850	No Report			0	0.0	---	---
Tacoma Bluff	1450	No Report			0	0.0	---	---
Thirty Mile	1350	4/28/08	32	8.0	5	1.1	26	6.7
Three Fingers	3350	No Report			9	2.7	---	---
Upper Nome Creek	2650	5/01/08	16	4.7*	6	1.8*	---	---
Vunzik Lake	500	4/23/08	7	1.8	---	---	---	---
Estimate*								

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Porcupine River nr International Boundary	May-Jul	5500	5220	93	7620	3570
Yukon River near Stevens Village	May-Jul	46800	45400	97	51700	39100

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1st

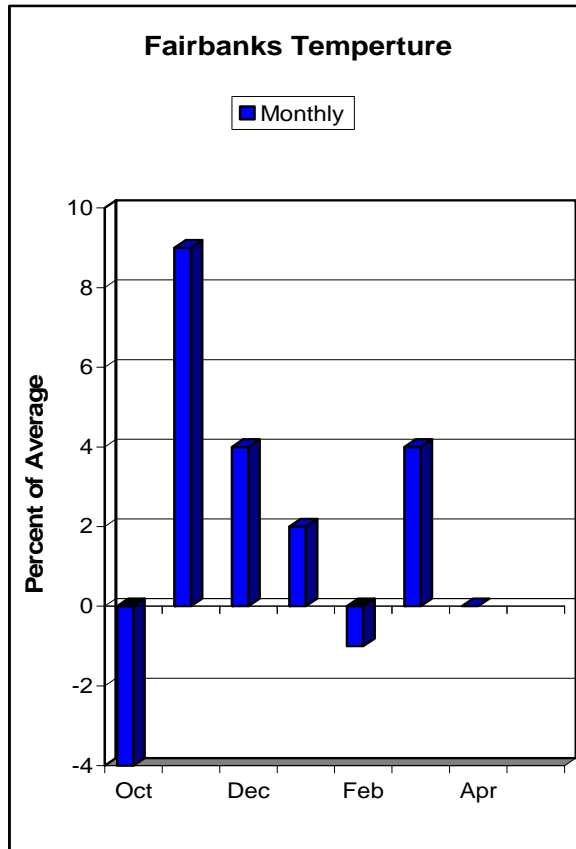
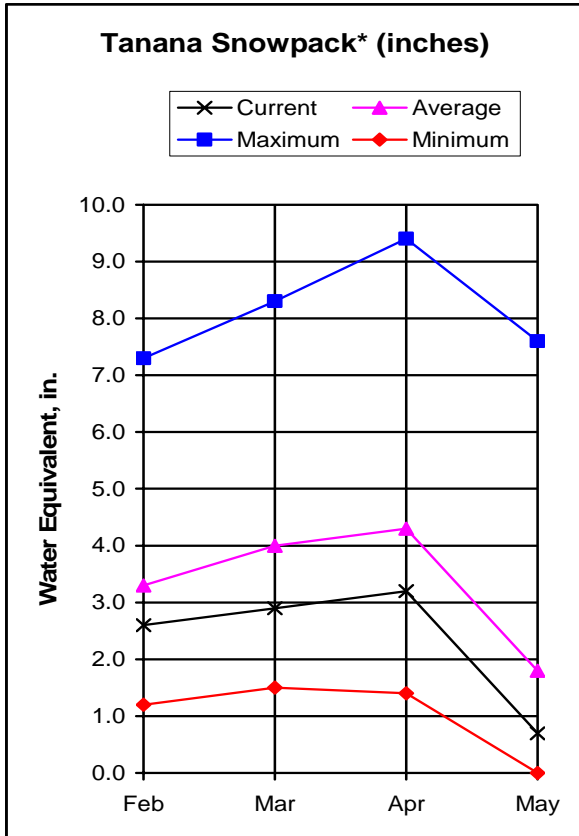
Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Atigun Pass**	4800	5/01/08	7.3	7.1	9.1	80
Chandalar Shelf**	3300	5/01/08	6.7	5.6	6.0	112
Eagle Summit	3650	5/01/08	4.2	4.4	6.4	66
Fort Yukon	430	5/01/08	3.8	3.0	4.5	84
Mission Creek	900	No Report		6.1	5.8	
Upper Nome Creek	2650	5/01/08	5.3	5.3	8.1	65

**Wyoming shielded gauge

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Forty Mile	1	0	0
Porcupine (Y.T.)	3	149	88
White Mountains	No Report		
Yukon Flats	2	450	177

TANANA BASIN*



Current Basin Conditions

South of Delta Junction, Fielding Lake snow course continues to have the 3rd lowest snow water content on record (5.0 inches); the lowest occurred in 1995 when there was no snow by May 1st.

In the Lower Tanana valley, the Kantishna SNOTEL site is 145% of normal with 18 inches of snow depth and an estimated 4.5 inches of water content.

The Chena River basin is a combined 62% of normal. The snow water content as of May 1st varies from 0.4 inches at Monument Creek SNOTEL site to 7.2 at Munson Ridge SNOTEL site. South of the Chena, French Creek snow course has 4.6 inches of snow water content, 112% of normal.

The Little Chena River near Fairbanks volume flow forecast for the May-July period is 83% of normal with 83,000 acre-feet of water.

* For further information contact the Natural Resources Conservation Service in Fairbanks or Delta Junction.

Tanana Basin

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Bonanza Creek	1150	No Survey			0	0.0	11	2.8
Caribou Creek	1250	No Survey			0	0.0	6	1.7
Caribou Snow Pillow	900	No Survey			0	0.0	6	1.7
Cleary Summit	2230	4/28/08	19	4.2	0	0.0	22	5.9
Colorado Creek	700	No Survey			0	0.0	9	2.3
Fairbanks FO	450	No Survey			0	0.0	3	0.8
Faith Creek	1900	4/29/08	5	1.1	0	0.0	11	2.7
Fielding Lake	3000	4/30/08	15	5.0	---	---	39	12.0
Fort Greely	1500	4/30/08	4	1.0	0	0.0	3	0.9
French Creek	1800	4/29/08	18	4.6	0	0.0	14	4.1
Gerstle River	1200	4/29/08	0	0.0	0	0.0	6	1.5
Granite Creek	1240	5/01/08	1	0.5	0	0.0	3	1.8
Jatahmund Lake	2180	4/30/08	2	0.2*	1	0.3	---	---
Kantishna	1550	4/30/08	18	4.5*	0	0.0	15	3.1
Lake Minchumina	730	4/30/08	10	3.0*	0	0.0	5	1.3
Little Chena Bottom	1460	5/04/08	0	0.0	0*	0.0*	9	3.0
Little Chena Ridge	2000	5/01/08	3*	0.8	0	0.0	16	4.5
Mentasta Pass	2430	No Survey			0*	0.0*	16	4.8
Monument Creek	1850	5/01/08	3	0.4	0	0.0	14	3.5
Mt. Ryan	2800	5/01/08	12*	2.9	2*	0.8	24	6.3
Munson Ridge	3100	5/01/08	27*	7.2*	10*	3.3	36	9.7
Paradise Hill	2200	4/30/08	2	0.2	0	0.0	0	0.0
Rock Creek Bottom	2250	5/01/08	9	2.6	0	0.0	8	2.2
Rock Creek Ridge	2600	5/01/08	13	3.1	0	0.0	14	4.9
Shaw Creek Flats	980	4/29/06	0	0.0	0	0.0	3	0.8
Stampede	1800	No Survey			0	0.0	---	---
Teuchet Creek	1640	5/01/08	1	0.1	0	0.0	8	2.1
Tok Junction	1650	No Survey			0*	0.0*	3	0.9
Upper Chena	3000	5/04/08	8	2.4	---	---	25	7.5
Upper Chena Pillow	2850	5/01/08	11	3.4	3*	1.0*	22	6.9
Estimate *								

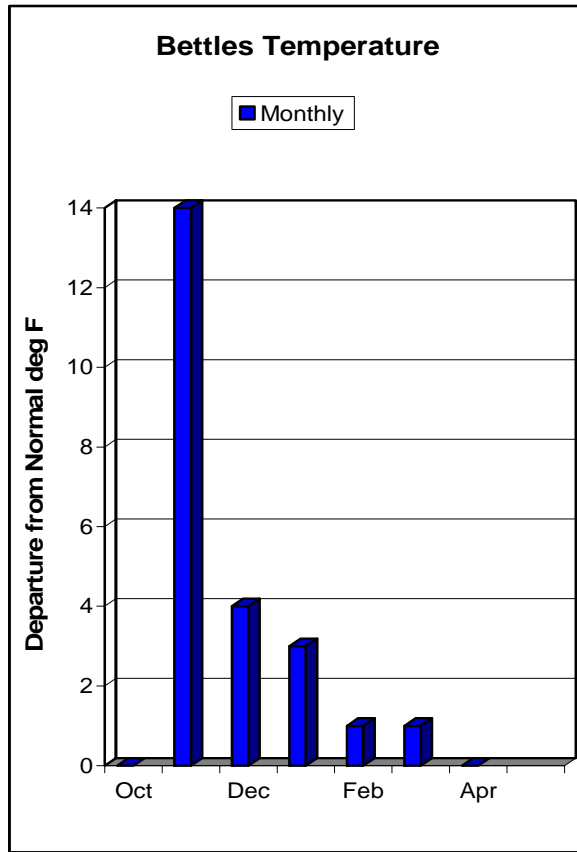
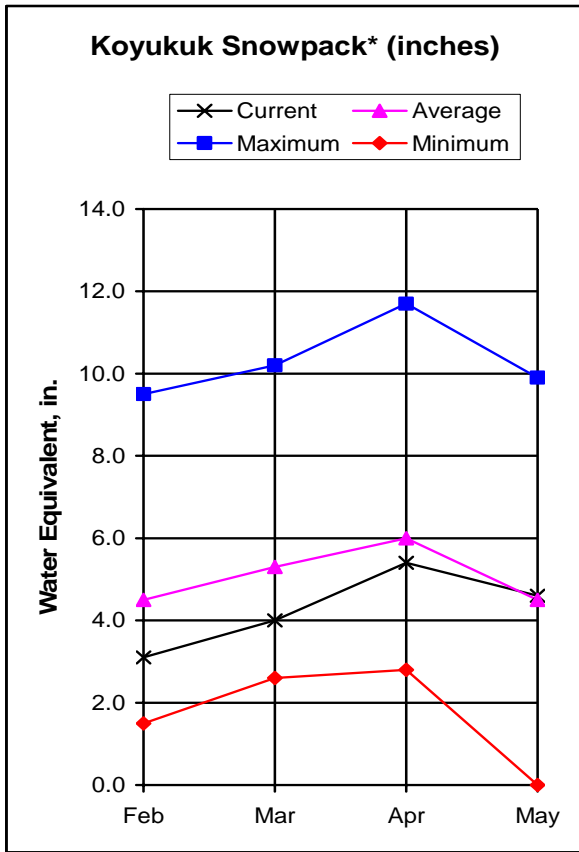
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Tanana River at Fairbanks	May-Jul	6680	6040	90	7020	6680
Little Chena R. near Fairbanks	May-Jul	72	60	83	83	37
Chena River near Two Rivers	May-Jul	255	240	94	330	152
Salcha River near Salchaket	May-Jul	595	500	84	680	345
Tanana River at Nenana	May-Jul	8470	6040	90	7020	5060

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Chatanika	2	0	62
Chena Basin	10	620	62
Lower Tanana Valley	3	0	85
Mid Tanana Valley (Delta Junction)	5	94	39
Upper Tanana Valley (Tok)	2	133	133

WESTERN INTERIOR BASINS*



Current Basin Conditions

Koyukuk

The snow courses in the Koyukuk are a combined 116% of average with a range of 82-187% of average. Coldfoot SNOTEL site is 142% of average as of May 1st; the snow water content increased by 1.6 inches in April to 7.5 inches of water content. Colville Bend snow course, north of Galena, has 24 inches of snow and 5.5 inches of water content.

Kuskokwim

The McGrath snow course is estimated to be well above average with 6.2 inches of water content, normal is 2.8 inches. Lake Minchumina snow course is also estimated to be well above average with 3.0 inches of water content when the average is only 1.3 inches.

Lower Yukon

The new snow courses near Galena range from 62% of last year at Deer Creek, to 82% last year at Lower Nowitna River, to 93% of last year at Ninemile Island. Pike Trap Lake snow course south of Galena has no snow, whereas last year it had 15 inches.

* For further information contact the Natural Resources Conservation Service in Anchorage.

Western Interior Basins

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Koyukuk								
Bettles Field	640	No Report			30	7.1	13	3.4
Bonanza Forks	1200	4/28/08	14	3.7	0	0.0	16	4.1
Cloverleaf	170	4/28/08	12	3.3	---	---	---	---
Coldfoot	1040	5/01/08	28	7.5	0	0.0	21	5.3
Colville Bend	170	4/29/08	24	5.5	---	---		
Disaster Creek	1550	4/28/08	16	4.4	0	0.0	11	2.6
Huggins Creek	290	4/28/08	14	3.7	---	---		
JR Slough	160	4/29/08	12	3.1	---	---		
Kaldoyeit	750	5/01/08	12	3.3	0	0.0	---	---
Kanuti-Chelatna	670	5/01/08	21	5.6	0	0.0	---	---
Kanuti-Kilolitna	550	5/01/08	12	3.2	0	0.0	---	---
Minnkokut	580	5/01/08	44	9.6	0	0.0	---	---
Nolitna	560	5/01/08	13	3.7	0	0.0	---	---
Pike Trap Lake	130	5/01/08	13	3.7	---	---		
Table Mountain	2200	4/28/08	21	5.4	8	1.5	19	4.3
Taiholman	540	5/01/08	5	1.5	0	0.0	---	---
Treat Island	190	4/29/08	6	1.7	---	---	---	---
Kuskokwim								
Lake Minchumina	730	5/01/08	10*	3.0*	0	0.0	5	1.3
Lower Aniak	164	No Survey			New		---	---
McGrath	340	5/01/08	20	6.2*	0	0.0	9	2.8
Middle Kuskokwim	297	No Survey			New		---	---
N. Fork Kuskokwim	512	No Survey			New		---	---
Purkeypile Mine	2025	No Survey			---	---	10	2.5
Telaquana Lake	1550	No Survey			0	0.0	---	---
Upper Twin Lakes Estimate *	2000	No Survey			---	---	---	---
Lower Yukon								
Deer Creek	195	4/29/08	14	3.7	---	---	---	---
Grouch Creek	220	5/02/08	21	7.0	0	0.0	---	---
Holikachuk	100	5/02/08	39	12.3	0	0.0	---	---
Horsefly Creek	180	5/02/08	9	3.0	0	0.0	---	---
Innoko Cabin	200	No Survey			0	0.0	---	---
Little Mud River	855	4/29/08	0	0.0	---	---	---	---
Lower Nowitna River	205	4/29/08	14	3.5	---	---	---	---
Menotl Creek	380	5/02/08	39	12.3	0	0.0	---	---
Middle Innoko	150	5/02/08	36	11.5	0	0.0	---	---
Nine Mile Island	140	4/29/08	28	6.5	---	---	---	---
Pike Trap Lake	130	4/29/08	0	0.0	---	---	---	---
Squirrel Creek	150	4/29/08	27	6.0	---	---	---	---
Upper Innoko	180	5/02/08	21	7.0	0	0.0	---	---
Wapoo Hills	220	5/02/08	41	12.9	0	0.0	---	---
Yankee Slough	100	5/02/08	33	10.5	0	0.0	---	---
Yetna River Estimate*	120	5/02/08	30*	10.0*	0	0.0	---	---

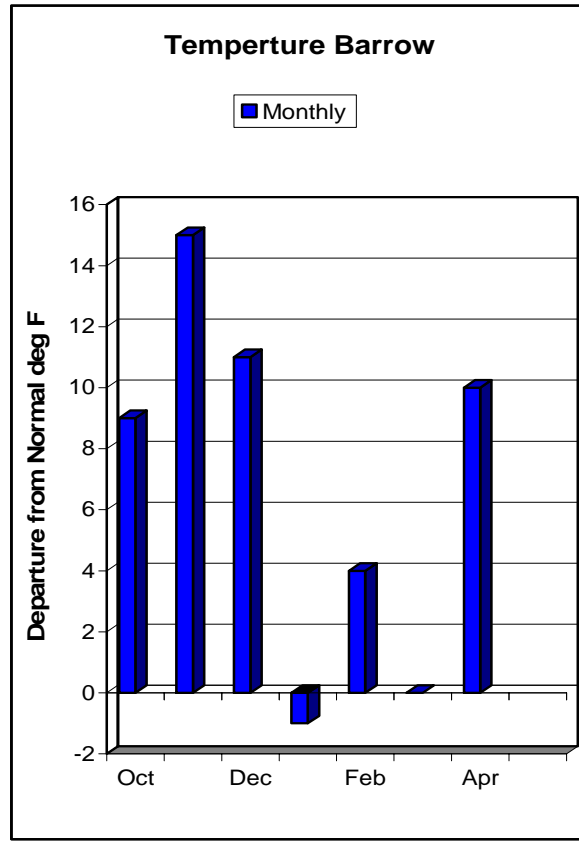
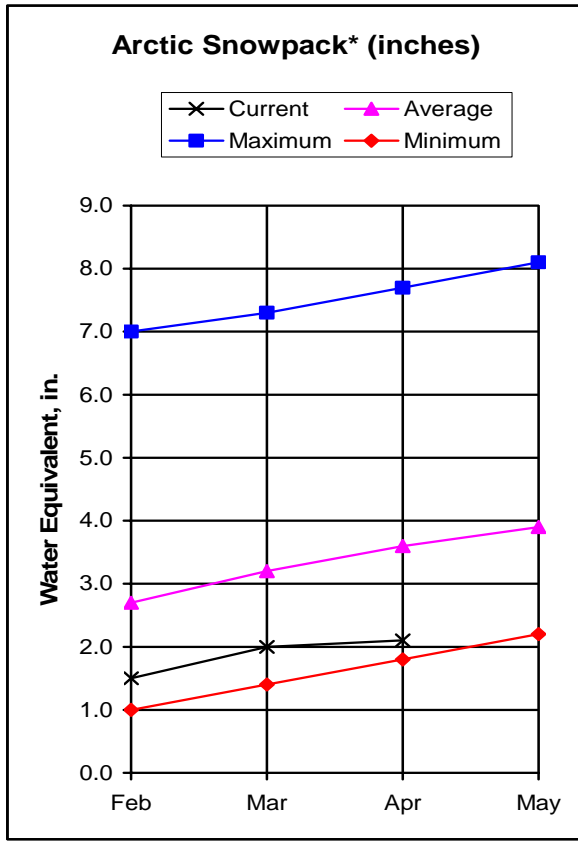
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Kuskokwim River at Crooked Creek	May-Jul	9550	13100	137	17900	8270

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Koyukuk	9	1400	116
Upper Kuskokwim	2	0	224
Lower Yukon	9	0	374

ARCTIC AND KOTZEBUE SOUND*



Current Basin Conditions

Arctic

The Atigun Pass SNOTEL site in the Brooks Range has caught 7.6 inches of precipitation since October 1st, which is 84% of normal.

On the north side of Atigun Pass, Atigun Camp is only 51% of normal having caught 2.8 inches since October 1st. Continuing north, Imnaviat Creek SNOTEL site has received 2.2 inches since October 1st, which is 65% of normal.

Kotzebue

The snow survey measurement at the Red Dog Mine area had 33 inches of snow depth with 6.2 inches of water content, 82% of normal.

* For further information contact the Natural Resources Conservation Service in Anchorage.

Arctic and Kotzebue Sound

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Arctic								
Umiat Airport	265	No Report			17	3.2	---	---
Umiat Met Station	645	No Report			18	3.9	---	---
Kotzebue Sound								
Red Dog	950	4/25/08	33	6.2	23	5.6	29	7.6

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Arctic						
Atigun Camp	3400	5/01/08	2.8	2.7	5.5	51
Atigun Pass	4800	5/01/08	7.6	7.1	9.1	84
Barrow	25	No Report		2.2	3.3	---
Imnaviat Creek	3050	5/01/08	2.2	3.3	3.4	65
Prudhoe Bay	30	No Report		3.1	4.2	---
Kotzebue Sound						
Kivalina	50	4/30/08	3.3	---	---	---
Red Dog**	950	4/30/28	7.8	5.0	7.0	111

** Wyoming Shielded Gauge

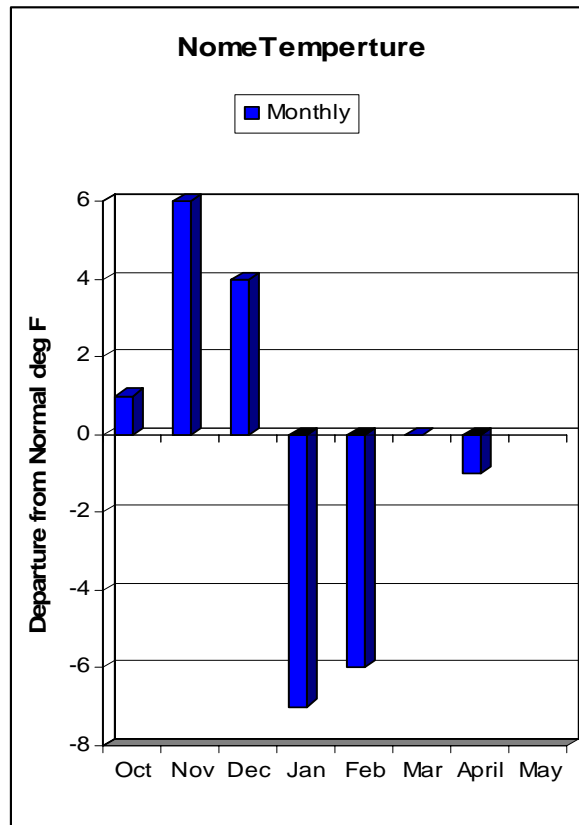
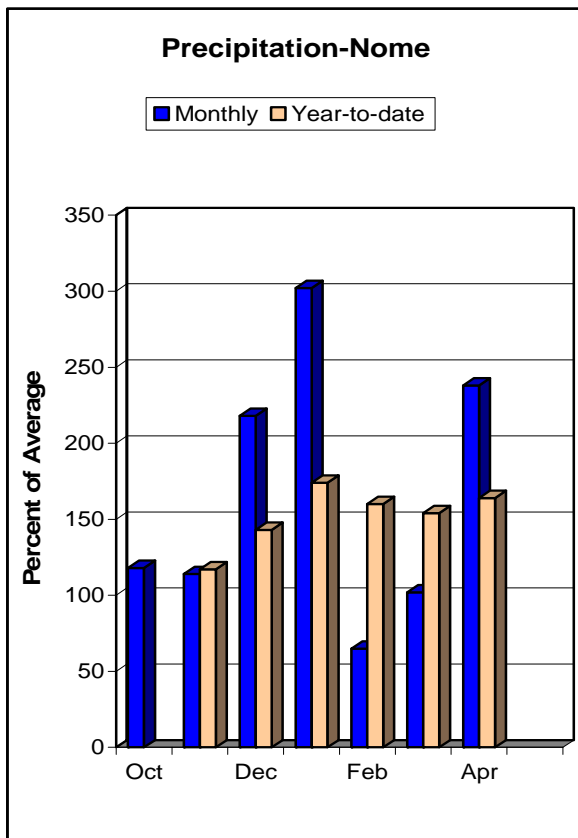
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Sagvanirktok River near Pump Station 3	May- Jul	685	590	86	870	400
Kuparuk River near Deadhorse	May- Jul	795	610	77	870	430

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Arctic Coast	No Report		
Dalton Highway	3	96	70

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*



Nome March departure from normal is 0° F.

Current Basin Conditions

Norton Sound

The Seward Peninsula continues to have an abundance of snow. Johnson's Camp SNOTEL site east of Nome has 26 inches of snow on the ground with an estimated 7.0 inches of water content. Rocky Point SNOTEL site located east of Nome and east of Johnson's Camp, has 33 inches of snow with 8.5 inches of water content. Overall, the Seward Peninsula continues to receive much more snow than in recent years and is around 150% of normal for May 1st.

Southwest Delta/Bristol Bay

The National Weather Service observer in Bethel recorded another solid month of precipitation with 1.3 inches. This is 187% of the 0.7 inches that normally falls in April. The Southwest Delta region must have a good amount of snow and is probably in the 130-150% of normal range, whereas Bethel had no snow on the ground in the end of April.

* For further information contact the Natural Resources Conservation Service in Anchorage.

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*

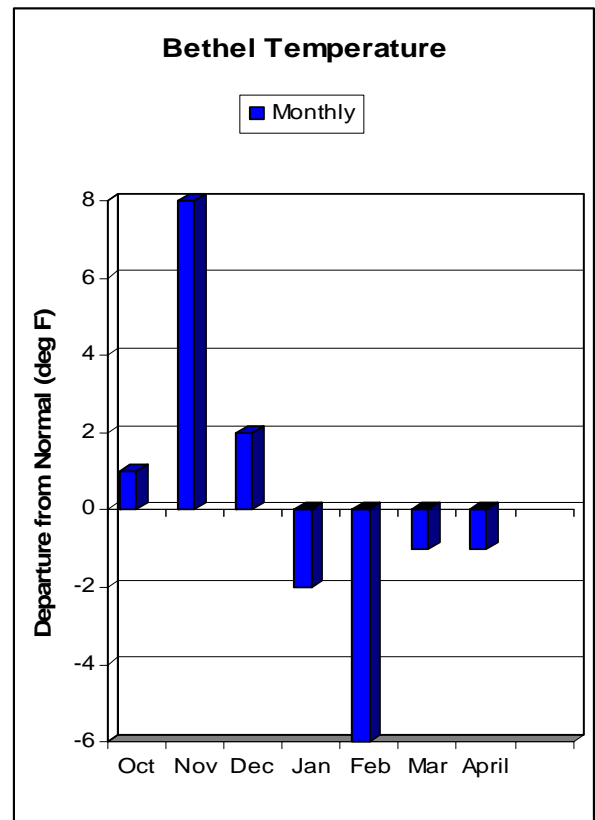
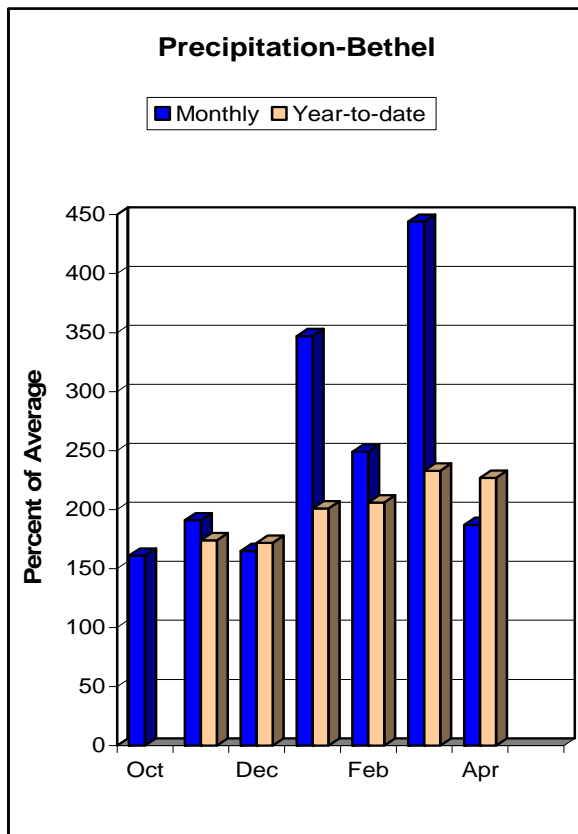
SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Bristol Bay								
Port Alsworth	270	No Survey			---	---	0	0.0
Upper Twin Lakes	2000	No Survey			---	---	---	---
Norton Sound								
Johnson's Camp	25	5/01/08	26	6.5	4	---	---	---
Pargon Creek	100	No Report			---	---	---	---
Rocky Point	500	5/01/08	33	8.5	4	---	---	---

PRECIPITATION DATA

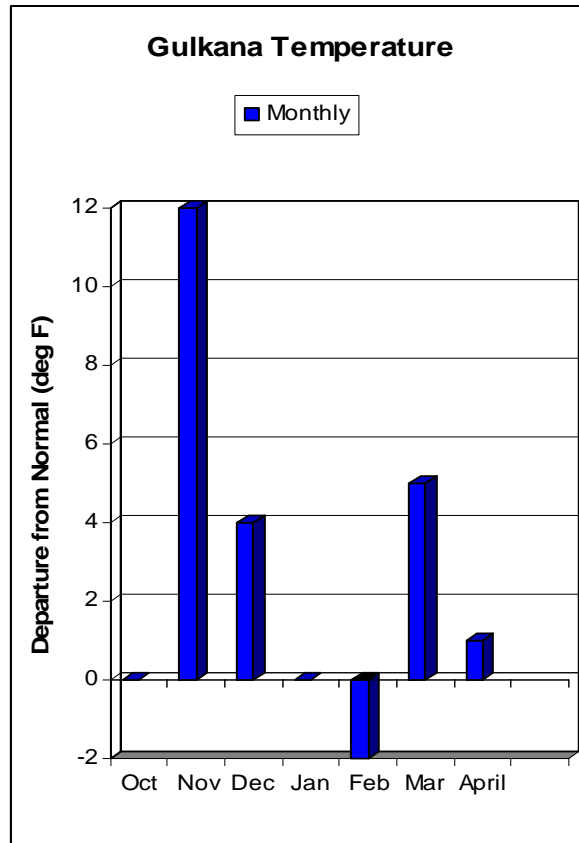
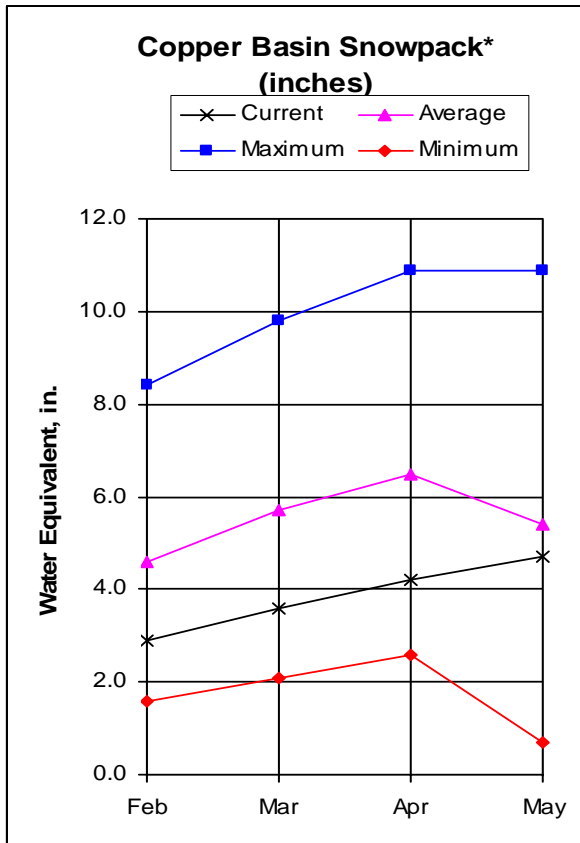
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Pargon Creek	100	No Report		4.5	5.1	---
Rocky Point	500	5/01/08	7.3	6.1	5.9	124



* For further information contact the Natural Resources Conservation Service in Anchorage.

COPPER BASIN*



Current Basin Conditions

Snow courses south of Glennallen along the Richardson Highway were measured this month, the rest were not. The snow courses on the north side of the Chugach Range are now above normal. Worthington Glacier snow course is 108% of normal with 26.5 inches of snow water content.

The Gulkana River volume flow forecast for the May-July period is 82% of normal at 365,000 acre-feet of water.

* For more information contact the Natural Resources Conservation Service in Copper River, Delta Junction or Anchorage.

Copper Basin

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Chistochina	1950	No Survey	No Survey		---	---	4	1.2
Haggard Creek	2540	No Survey	No Survey		---	---	18	5.2
Kenny Lake School	1300	4/29/08	0	0.0	0	0.0	3	0.9
Lake Louise	2400	No Survey	No Survey		---	---	12	2.9
Little Nelchina	2650	No Survey	No Survey		---	---	13	3.6
May Creek	1610	5/01/08	6	1.1	---	---	0	0.0
Mentasta Pass	2430	No Survey	No Survey		---	---	16	4.8
Paxson	2650	No Survey	No Survey		---	---	22	6.9
Tazlina	1225	4/29/08	0	0.0	0	0.0	---	---
Tolsona Creek	2000	No Survey	No Survey		---	---	5	2.1
Tsaina River	1650	4/30/08	40	13.9	30	12.0	41	14.6
Upper Tsaina	1750	5/01/08	52	19.4	41	18.6	---	---
Worthington Glacier	2100	4/30/08	69	26.5	44	18.3	61	24.6

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Gulkana River at Sourdough	May-Jul	445	365	82	480	250

PRECIPITATION DATA

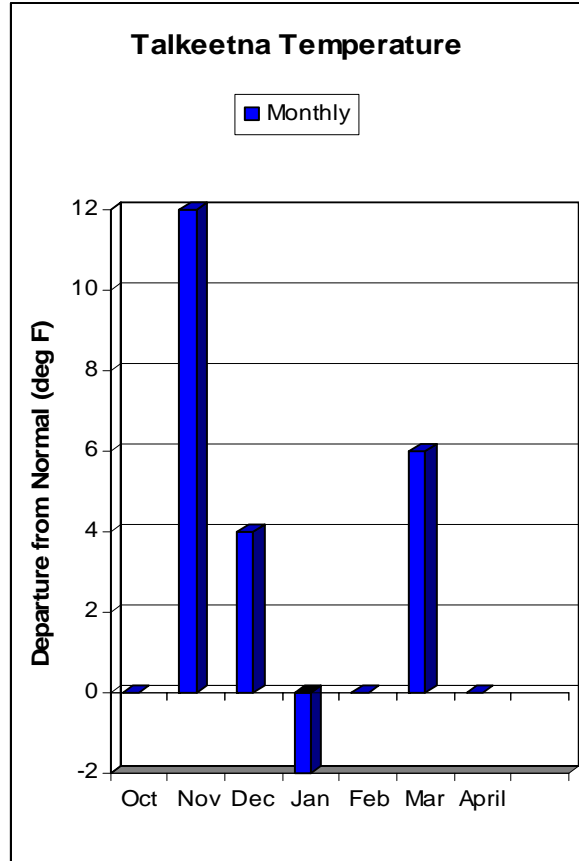
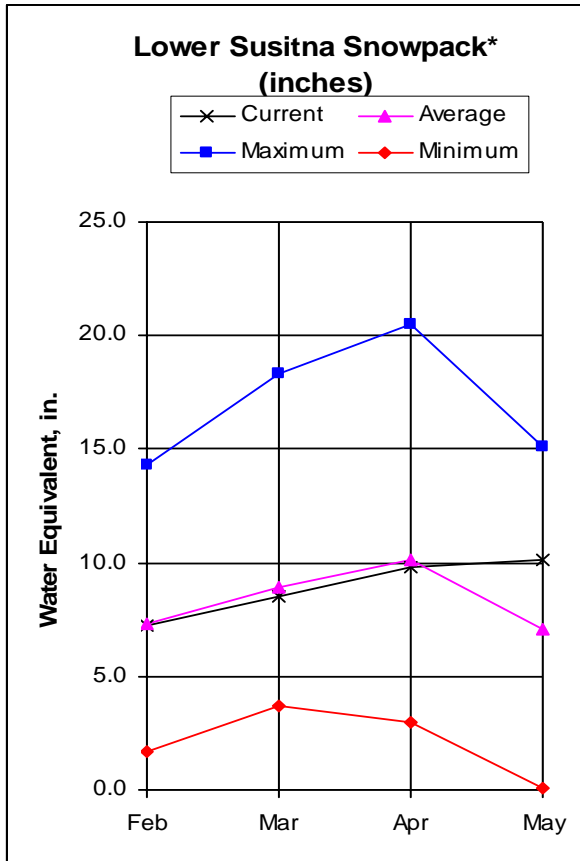
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (ft.)	Date	This Year	Last Year	1971-2000 Ave	% of Average
May Creek	1610	5/01/08	6.0	New	---	---
Strawberry Reef	50	No Report		49.1	51.2	---
Upper Tsaina	1750	5/01/08	22.6	30.0	29.3	77

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Alaska Range	1	78	42
Basin Floor	1	0	0
Chugach Range	4	122	97
Talkeetna Mountains	2	---	88

MATANUSKA - SUSITNA BASINS*



Current Basin Conditions

The Little Susitna snow courses remain below normal; Independence Mine has 21.5 inches of snow water content, 79% of normal. Fishhook Basin snow course has 18.3 inches of snow water, and is 83% of normal. The Little Susitna River volume flow forecast for the May through July time period is 71,000 acre-feet of water, 85% of normal.

The Nugget Bench snow course has 53 inches of snow depth with 18.0 inches of water content, 118% of normal.

The Snowmelt Runoff Index for the Deshka River near Willow is +1.7, above average snowmelt runoff. This has changed 3.5 points from last month from -1.8 to +1.7. The Deshka River has no glacial influence and is dominated by snowmelt runoff and rain.

Monahan Flat snow course, 40 miles east of Cantwell off the Denali Highway, has 28 inches of snow depth with 6.7 inches of water content, 77% of normal.

* For more information contact the Natural Resources Conservation Service in Wasilla.

Matanuska - Susitna Basins

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Archangel Road	2200	4/30/08	37	12.1	12	4.4	37	14.9
Bentalit Lodge	150	5/01/08	18	6.5	0	0.0	---	---
Blueberry Hill	1200	4/29/08	49	17.0	---	---	43	17.4
Chelatna Lake	1450	4/28/08	47	16.2	0	0.0	33	10.9
Denali View	700	4/29/08	38	12.8	---	---	30	12.3
Dunkle Hills	2700	No Survey			6	2.0	---	---
Dutch Hills	3100	4/28/08	80	29.0	45	15.2	74	28.7
E. Fork Chulitna	1800	4/29/08	47	14.2	---	---	44	15.7
Eldridge Glacier	3400	No Survey			0	0.0	---	---
Fishhook Basin	3300	4/30/08	54	18.3	36	12.1	61	22.1
Fog Lakes	2120	4/29/08	16	4.0	---	---	22	5.7
Halfway Slough	350	No Survey			0	0.0*	---	---
Independence Mine	3550	4/30/08	61	21.5	45	14.6	65	27.1
Independence Mine	3550	5/01/08	41	13.3	33	11.0	50	21.1
Lake Louise	2400	No Survey			---	---	12	2.9
Little Susitna	1700	4/30/08	27	8.6	4	1.3	22	9.2
Monahan Flat	2710	4/29/08	28	6.7	33	7.4	34	8.7
Moose Creek Ranch	450	No Survey			0	0.0*	---	---
Nugget Bench	2010	4/28/08	53	18.0	0	0.0	46	15.3
Point Mackenzie	250	5/01/08	7	3.0	0	0.0	3	0.8
Ramsdyke Creek	2220	4/28/09	69	24.0	24	8.2	57	21.9
Sheep Mountain	2900	No Survey			---	---	14	3.9
Susitna Valley High	375	5/01/08	22	7.8	3	1.1	14	5.7
Talkeetna Airport	350	No Survey			0	0.0*	16	5.4
Tokositna Valley	850	4/28/08	58	20.0	0	0.0	43	17.0
Tokositna Valley	850	5/01/08	55	19.7	9	4.1	---	---
Willow Airstrip	200	No Survey			0	0.0*	13	4.1
Estimate*								

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Little Susitna River near Palmer	May-Jul	84	71	85	90	52
Talkeetna River near Talkeetna	May-Jul	1590	1430	90	1680	1180

PRECIPITATION DATA

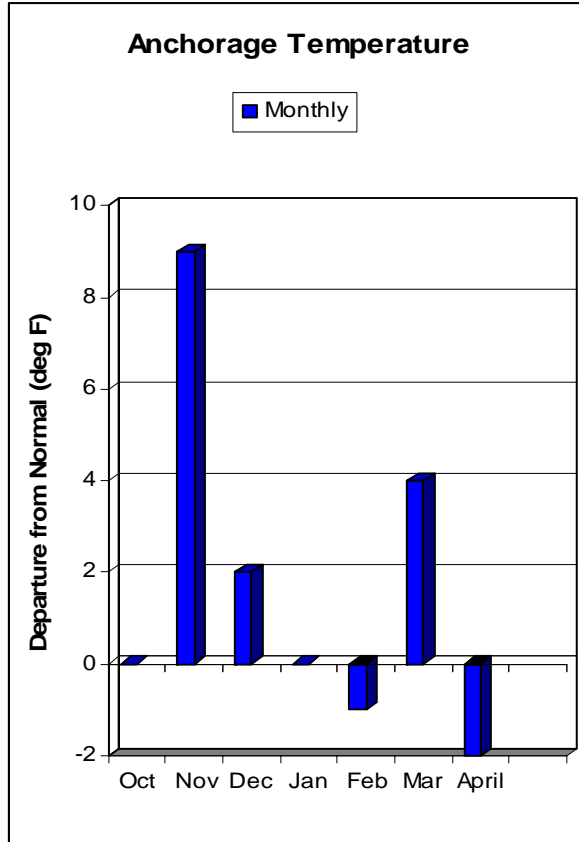
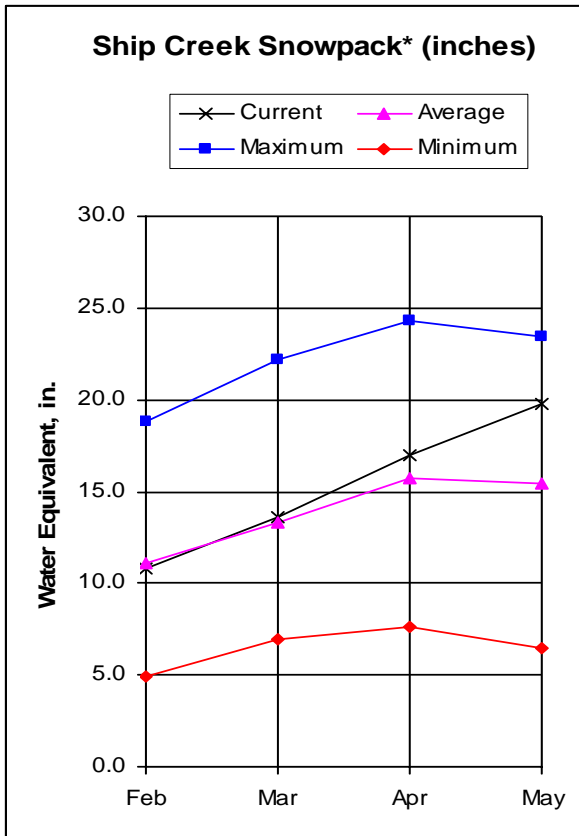
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (ft.)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Independence Mine	3550	5/01/05	15.2	15.5	29.1	52
Monahan Flat	2710	4/29/08	6.0	9.1	9.0	67
Susitna Valley High	375	5/01/08	12.2	9.5	13.3	92
Tokositna Valley	850	5/01/08	22.2	22.6	22.1	100

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Lower Susitna	3	240	129
Matanuska/Little Susitna	5	195	85
Peters Hills	6	456	110
Upper Susitna	4	178	89

NORTHERN COOK INLET*



Current Basin Conditions

With the record setting snowfall April 25th-26th, the Anchorage Hillside SNOTEL site is 133% of normal conditions with 13.2 inches of water content. The South Fork Campbell Creek snow course near the Prospect Heights parking access to Chugach State Park has 26 inches of snow and 8.6 inches of water content, 200% of normal. This is the 2nd highest water content measured for May 1st, the highest occurred in 1975 and was 11.1 inches.

The Moraine SNOTEL site above Eklutna Lake has 30 inches of snow with 10.2 of water content, 145% of normal.

The Snowmelt Runoff Index for Glacier Creek near Girdwood is +1.7, above average snowmelt runoff.

The Ship Creek near Anchorage volume flow forecast for the May through July time period is 65,000 acre-feet, 114% of normal.

* For more information contact the Natural Resources Conservation Service in Wasilla or Anchorage.

Northern Cook Inlet

SNOW PACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Anchorage Hillside	2080	5/01/08	39	13.2	16	6.9	29	9.9
Indian Pass	2350	5/01/08	69	28.8	34*	14.1	72	26.5
Kincaid Park	250	4/30/08	7	2.4	0	0.0	0	0.0
Moraine	2100	5/01/08	30	10.2	14	6.4	23	7.0
Mt. Alyeska	1540	5/01/08	111	42.5	69	28.8	104	41.2
Point Mackenzie	200	5/01/08	7	2.7	0	0.0	3	0.8
Portage Valley	50	5/01/08	38	16.7	19	10.1	19	9.2
South Campbell Creek Estimate*	1200	5/01/08	26	8.6	0	0.0	13	4.3

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Ship Creek near Anchorage	May-Jul	57	65	114	78	52

PRECIPITATION DATA

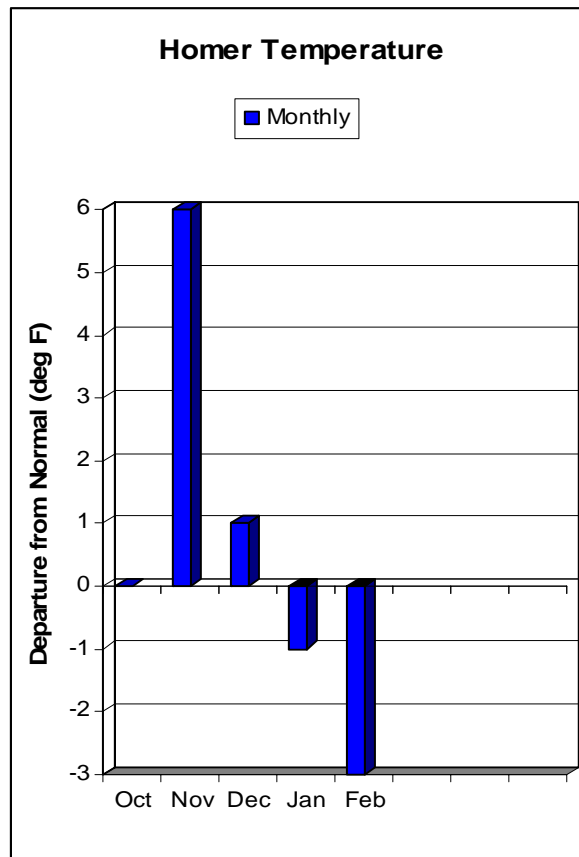
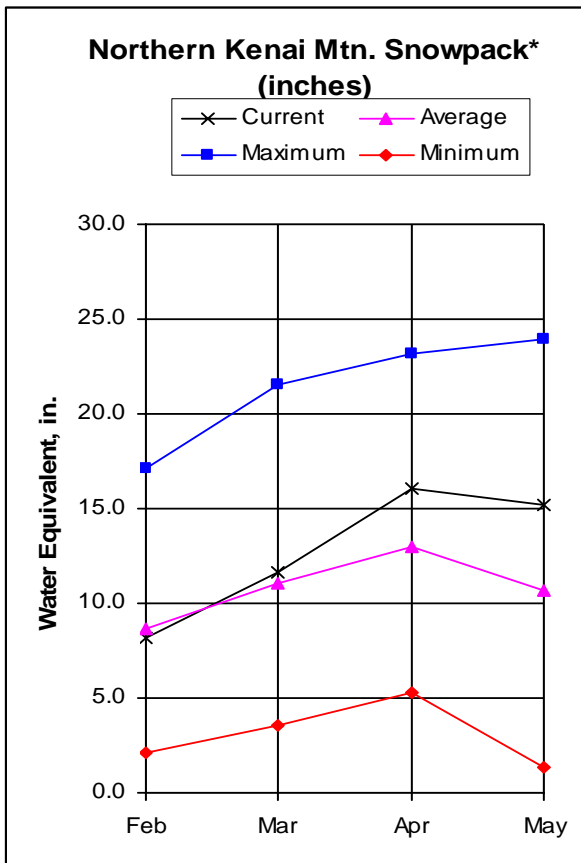
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Anchorage Hillside	2080	5/01/08	16.4	14.1	14.4	114
Indian Pass	2350	5/01/08	29.2	24.6	27.8	105
Moraine	2100	5/01/08	13.7	13.0	10.7	128
Mt. Alyeska	1540	5/01/08	57.5	41.6	45.3	127
Point Mackenzie	200	5/01/08	8.5	7.3	8.6	99

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Campbell Creek	3	351	174
Ship Creek	3	191	125
Turnagain Arm	3	152	126

KENAI PENINSULA*



Current Basin Conditions

Due to the late spring, cool temperatures along with continued precipitation have increased the snow water content percent of averages. Turnagain Pass SNOTEL site snowpack continued to accumulate increasing 4.7 inches of water content to 58.4 inches, 139% of normal.

Six inches of snow and 2.6 inches of water content remained at the Kenai Moose Refuge SNOTEL site, whereas average is 1 inch with 0.3 inches water content.

The Anchor River SNOTEL site has 36 inches of snow with an estimated 16.2 inches of water content. The site has caught 25.4 inches of precipitation since October 1st, 125% of average.

The Nuka Glacier SNOTEL site has 145 inches of snow depth with an estimated 58.5 inches of water content, 138% of average.

The Anchor River near Anchor Point Snowmelt Runoff Index is 0.5, average snowmelt runoff.

The Kenai River volume flow forecast for the May through July time period is 1,030,000 acre-feet, 116% of normal.

* For more information contact the Natural Resources Conservation Service in Homer.

Kenai Peninsula

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Anchor River Divide	1650	4/28/08	36	16.2*	38	12.1	29	10.2
Bertha Creek	950	5/05/08	62	22.5	---	---	49	18.2
Bridge Creek	1300	No Survey	---	---	---	---	37	12.3
Cooper Lake	1200	5/01/08	43	16.0	20	7.8	34	12.3
Demonstration Forest	780	No Survey	---	---	---	---	21	7.4
Grandview	1100	4/28/08	104	43.0*	90*	33.9	77	26.3
Grouse Creek Divide	700	5/01/08	56	21.5	20	10.1	44	16.6
Jean Lake	620	5/01/08	0	0.0	0	0.0	2	0.5
Kenai Moose Pens	300	5/01/08	6	2.6	0	0.0	1	0.3
Kenai Summit	1390	5/05/08	42	15.5	---	---	30	11.4
McNeil Canyon	1320	5/01/08	31	12.9	6	3.1	21	7.8
Moose Pass	700	5/05/08	11	4.1	0	0.0*	7	2.5
Nuka Glacier	1250	5/01/08	145	58.5*	81	33.6*	93	42.4
Port Graham	300	5/01/08	28	5.9	20	8.2	---	---
Snug Harbor Road	500	5/01/08	3	1.0	0	0.0	12	2.5
Summit Creek	1400	5/01/08	34	12.2	13	5.4	14	6.7
Turnagain Pass	1880	5/01/08	130	58.4	90	38.6	95	40.1
Estimate *								

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Kenai River at Cooper Landing	May-Jul	890	1030	116	1150	910

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

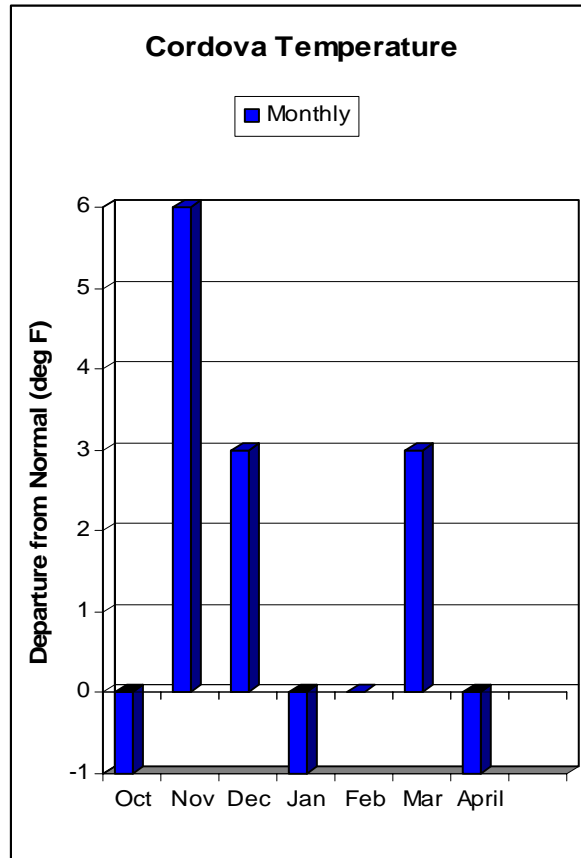
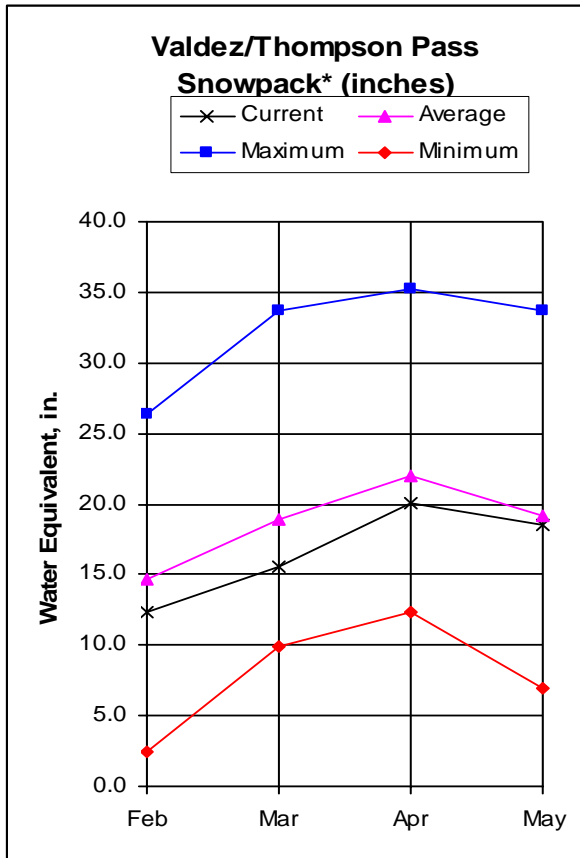
Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Anchor River Divide	1650	5/01/08	25.4	14.4	20.4	125
Cooper Lake	1200	5/01/08	30.4	24.1	25.1	121
Grandview	1100	5/01/08	57.4	48.9	43.1	133
Grouse Creek Divide	700	5/01/08	54.9	39.2	39.8	138
Kachemak Creek	1660	5/01/08	45.0	43.0	43.8	103
Kenai Moose Pens	300	5/01/08	8.0	8.2	9.2	87
McNeil Canyon	1320	5/01/08	20.4	12.4	17.2	119
Middle Fork Bradley**	2300	5/01/08	39.3	30.0	37.3	105
Nuka Glacier**	1250	5/01/08	61.4	55.8	61.1	101
Port Graham	300	5/01/08	61.3	46.2	44.6	137
Summit Creek	1400	5/01/08	19.5	19.9	17.7	110
Turnagain Pass	1880	5/01/08	56.9	41.7	45.8	124

**Wyoming shielded gauge

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Bradley Lake/Southern Kenai Peninsula	2	154	138
Ninilchik Dome	2	233	151
Northern Kenai Mountains	11	164	133
Northern Kenai Flats	1	0	0

WESTERN GULF*



Current Basin Conditions

The snow water content at the Mt. Eyak SNOTEL site near Cordova increased from 35.0 to 40.0 inches since April 1st, the depth remained the same at 95 inches. Sugarloaf Mountain SNOTEL site, above the Solomon Gulch Hydro-electric plant, is around 90% of average. The site is estimated to have lost 2.0 inches water content due to snow melt and the snow depth decreased 15 inches to 62 inches in the month of April. On the west side of the Gulf, the Exit Glacier snow course has 24.7 inches of water content, 186% of normal. Grouse Creek SNOTEL site has 21.5 inches of water content, 130% of normal.

* For more information contact the Natural Resources Conservation Service in Copper Center.

Western Gulf

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
Exit Glacier	400	5/01/08	62	24.7	26	10.7	32	13.3
Grouse Creek Divide	700	5/01/08	56	21.5	22	10.1	44	16.6
Low River	425	4/30/08	23	8.6	2	1.2	30	12.0
Mt. Eyak	1405	5/01/08	95	40.0	53	22.0	---	---
Nuka Glacier	1250	5/01/08	145	58.5*	81	33.6*	93	42.4
Sugarloaf Mountain	550	5/01/08	62	25.5*	44	19.4	67	27.6
Tsaina River	1650	4/30/08	40	13.9	30	12.0	41	14.6
Upper Tsaina River	1750	5/01/08	52	19.4	41	18.6	---	---
Valdez	50	4/30/08	36	12.9	3	0.8	33	12.6
Worthington Glacier Estimate *	2100	4/30/08	69	26.5	44	18.3	61	24.6

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Esther Island	50	5/01/08	111.3	76.7	91.1	122
Grouse Creek Divide	700	5/01/08	54.9	39.2	39.8	138
Mt. Eyak	1405	5/01/08	73.8	71.6	74.0	100
Nuka Glacier**	1250	5/01/08	61.4	55.8	61.1	101
Port San Juan	50	5/01/08	95.9	81.6	84.3	114
Seal Island	30	5/01/08	48.7	39.2	44.4	110
Solomon Gulch*	30	5/01/08	42.1	37.8	44.5	95
Strawberry Reef	50	No Report		49.1	51.2	---
Sugarloaf Mountain	550	5/01/08	46.4	44.2	44.4	104
Tatiltlek	50	5/01/08	47.3	40.9	42.2	112
Upper Tsaina River	1750	5/01/08	22.6	30.0	29.3	77

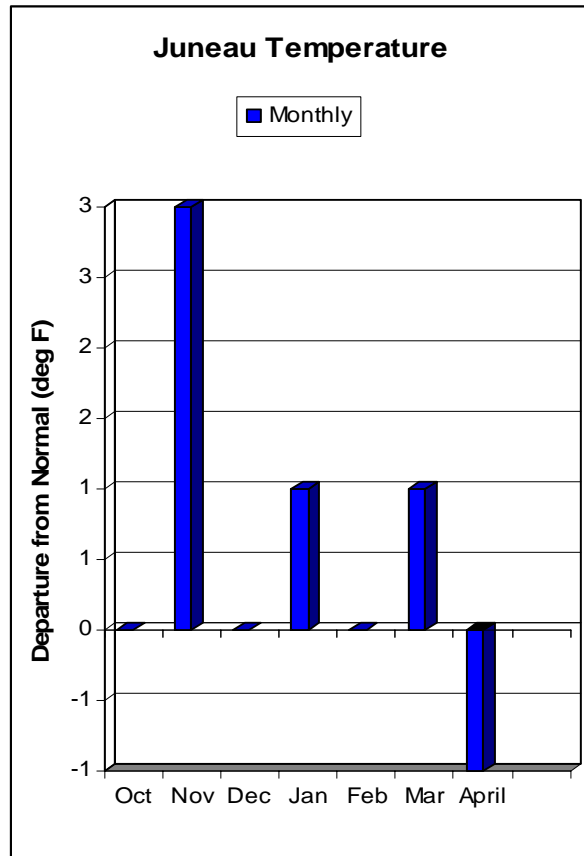
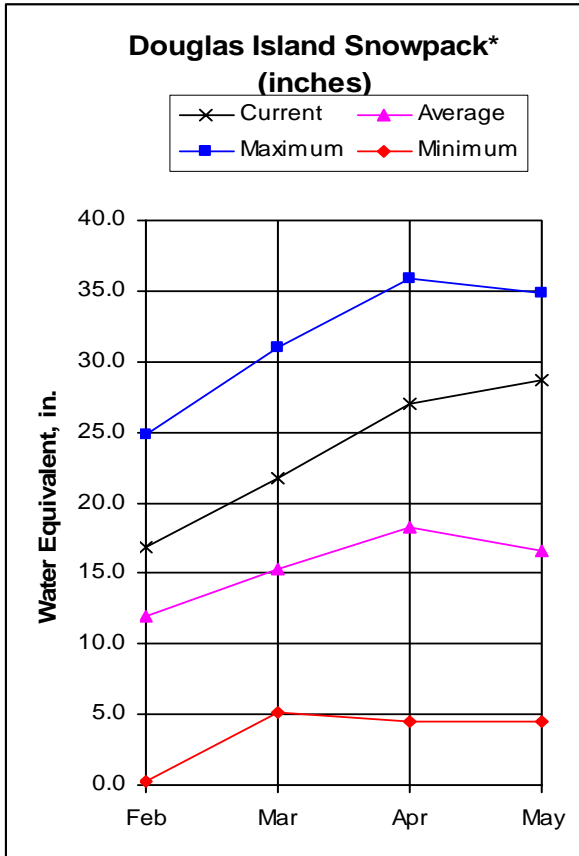
**Wyoming shielded gauge

*Copper Valley Electric Association

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Low River (Valdez)	3	208	97

SOUTHEAST*



Snowcover:

The snow courses in Southeast Alaska continued to accumulate snow water through the month with the exception of two low elevation sites; Fish Creek on Douglas Island and Petersburg Reservoir near Petersburg. The Cropley Lake snow course above Fish Creek increased to 49.1 inches of snow water, 150% of normal. This is the 3rd highest measurement on record. The Petersburg Ridge snow course above Petersburg Reservoir increased to 51.5 inches of snow water, 233% of normal. This is the 2nd highest water content measured on record, whereas last year was the highest.

At the Snettisham Hydro-electric project, Long Lake SNOTEL site increased 7.5 inches of water content to 126% of normal. This is the 3rd highest water content measured on record, last year and 1972 being the only two higher years.

* For further information contact the Natural Resources Conservation Service in Anchorage.

Southeast

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Snow Depth (inches)	Water Content	Snow Depth	Water Content
Cropley Lake	1650	4/28/08	117	49.1	---	---	73	32.8
Eagle Crest	1200	4/28/08	83	36.9	80	35.4	37	15.7
Fish Creek	500	4/28/08	0	0.0	15	7.2	3	1.3
Long Lake	850	4/30/08	129	60.5	134	64.4	100	47.9
Moore Creek Bridge	2250	4/30/08	62	24.2	61	27.2	46	18.9
Petersburg Reservoir	550	5/01/08	40	15.6	39	16.3	6	2.3
Petersburg Ridge	1650	4/30/08	114	51.5	128	59.3	51	22.1
Speel River	280	5/01/08	89	38.4	96	48.2	59	26.1

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Gold Creek near Juneau	May-Jul	31	40	19	47	33

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Long Lake	850	5/01/08	106.7	112.5	104.6	102
Moore Creek Bridge	2250	4/30/08	25.7*	36.2	26.6	97
Snettisham	25	4/30/08	121.8	122.6	112.5	108
Swan Lake	50	4/30/08	123.6	133.2	98.8	125

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Douglas Island	3	92	173
Snettisham	2	88	134
Petersburg	2	89	277

For further information contact:

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

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

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Mat-Su Field Office

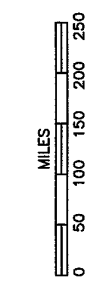
Chet Fitzgerald, District Conservationist

Telephone (907) 373-6492 x 101

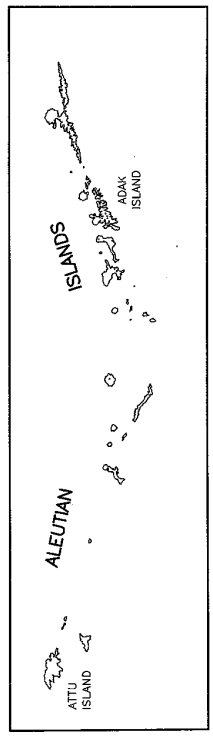
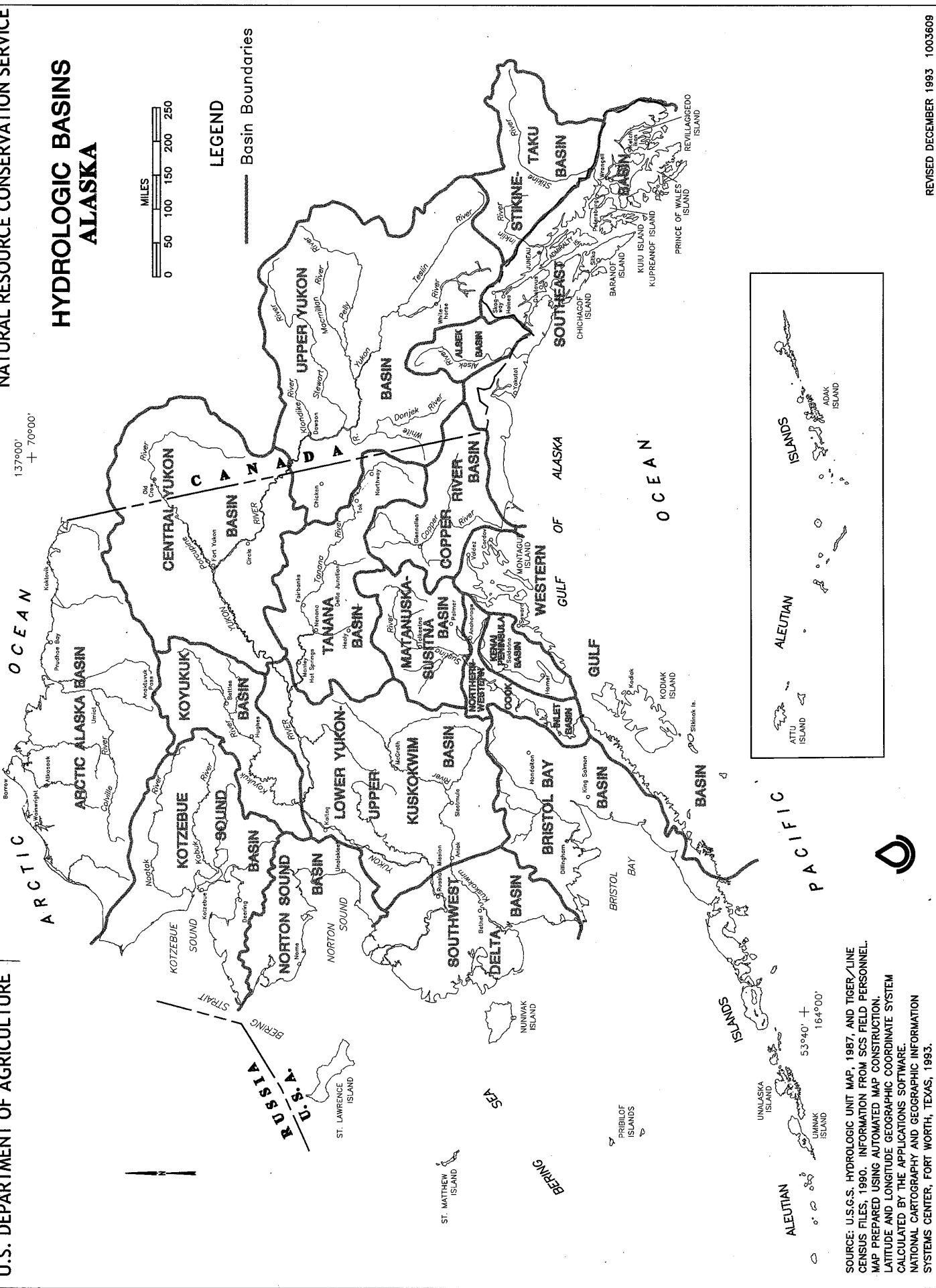
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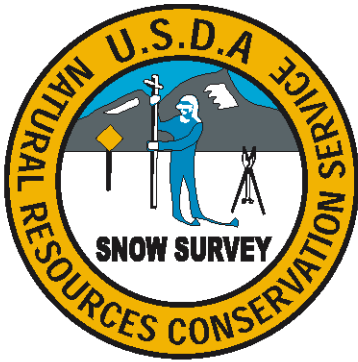
HYDROLOGIC BASINS ALASKA



LEGEND
— Basin Boundaries



SOURCE: U.S.G.S. HYDROLOGIC UNIT MAP, 1987 AND TIGER/LINE CENSUS FILES, 1990. INFORMATION FROM SCS FIELD PERSONNEL. MAP PREPARED USING AUTOMATED MAP CONSTRUCTION, LATITUDE AND LONGITUDE GEOGRAPHIC COORDINATE SYSTEM CALCULATED BY THE APPLICATIONS SOFTWARE. NATIONAL CARTOGRAPHY AND GEOGRAPHIC INFORMATION SYSTEMS CENTER, FORT WORTH, TEXAS, 1993.



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Alaska Snow Survey Report

Natural Resources Conservation Service
Anchorage, AK

