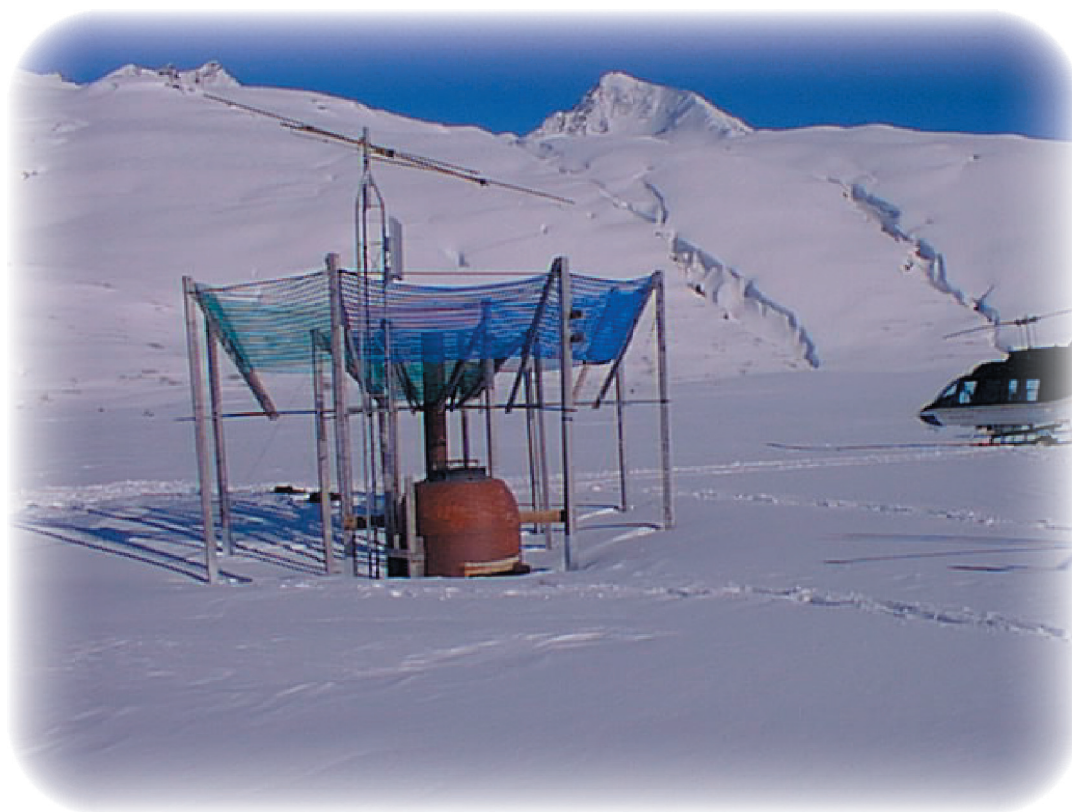


United States Department of Agriculture



ALASKA SNOW SURVEY REPORT



April 1, 2007

The Following Organizations Cooperate With the Natural Resources Conservation Service in Snow Survey Work:

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Issued by:

Arlen L. Lancaster, Chief
Natural Resources Conservation Service
Washington, D.C.

Released by:

Bob Jones
State Conservationist
Natural Resources Conservation Service
Palmer, Alaska

Published by:

Rick McClure, DCO Supervisor
James Montesi, Hydrologist
Dan Kenny, Hydrologic Technician
Snow, Water and Climate Staff
Natural Resources Conservation Service
Anchorage, Alaska

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GENERAL OVERVIEW

Snowpack

Snowpack levels vary considerably across Alaska as of April 1st, 2007. Ten sites have set new record high snow water contents and twelve sites have set or tied record low snow water contents. All ten record highs are for snow courses located in Southeast Alaska. The 168 inches of snow depth (14 feet) and 58.8 inches of water content at Petersburg Ridge tops the previous record of 100 inches of snow depth and 40.0 snow water content set in 1991. Petersburg Reservoir also has a new record high with 71 inches of snow and 25.0 inches of snow water content; the previous high (51 inches of snow and 18.2 inches of snow water content) was set in 1991. All 3 snow courses on Douglas Island measured record highs since the record began in 1977; the previous record high for these sites was set in 1991.

The four Swan Lake snow courses near Ketchikan also have record high measurements. Lake Grace snow course has 252 inches (21 feet) of snow with an estimated 95.8 inches of water content. These snow course records began in 1994.

Long Lake SNOTEL site is 240% of last year and 149% of average. This year tops the years 1972-1975 with 165 inches of snow depth and 58.8 inches of water content. Speel River is 2nd highest on record with 128 inches of snow and 53.3 inches of snow water content; the previous record was set in 1976 at 115 inches snow with 55.2 inches of water content.

There were an additional four record high snow course water contents in the Yukon Territories at the headwaters of the Yukon River.

The record low snow course measurements are at Chistochina and Mentasta Pass in the northern Copper Basin, Blueberry Hill and Denali View in the Upper Susitna Basin, and Bettles Field, Bonanza Forks, Coldfoot, Disaster Creek, Lake Todatoten, Table Mountain, and Thirty Mile in the headwaters of the Koyukuk Basin. In the Lower Yukon, the Tozikaket snow course has a record low snow water content.

Precipitation

The largest part of the state, South Central and north to Barrow, finally received some precipitation for the month of March. Fairbanks received 0.31 inches which is slightly below normal.

Southeast continued to receive above normal precipitation for March. Juneau received 5.06 inches, 154% of normal. Annette received 11.98 inches of precipitation, 152% of normal, according to the National Weather Service observers.

The Mt. Eyak SNOTEL site outside Cordova received 4.8 inches of precipitation and was near normal. In contrast, the Coldfoot SNOTEL site received 0.1 inches; 0.8 inches is average precipitation.

Temperature

The temperatures for all parts of the state were below normal, Fairbanks was the coldest at -16 degrees F below normal for the month. Juneau average temperature was -4 degrees F below normal for March.

STREAMFLOW

Streamflow forecasts of snowmelt runoff are as follows:

FORECAST POINT*	Percent of Ave. Flow	Period
Yukon River at Eagle	112	April - July
Yukon River near Stevens Village.....	110	April - July
Tanana River at Fairbanks.....	97	April - July
Tanana River at Nenana.....	92	April - July
Little Chena River near Fairbanks.....	85	April - July
Chena River near Two Rivers	89	April - July
Salcha near Salchaket.....	80	April - July
Sagvanirktok River near Pump Station 3	95	April - July
Kuparuk River near Deadhorse.....	82	April - July
Kuskokwim River at Crooked Creek	91	April - June
Gulkana River at Sourdough.....	86	April - July
Little Susitna River near Palmer.....	77	April - July
Talkeetna River near Talkeetna	84	April - July
Ship Creek near Anchorage.....	78	April - July
Kenai River at Cooper Landing	104	April - July
Gold Creek near Juneau	133	April - July

SNOWMELT RUNOFF INDEX (SRI)

For streams that no longer have stream gauging stations.

FORECAST POINT	INDEX	Index Key:
Koyukuk River at Hughes.....	-3.0	-2 to -3 much below average snowmelt runoff
MF Koyukuk R near Wiseman	-3.0	
Slate Creek at Coldfoot.....	-3.0	
Beaver Creek above Victoria Creek.....	-2.2	-1 to -2 below average snowmelt runoff
Birch Creek below South Fork	-2.5	
Caribou Creek at Chatanika.....	-2.7	
Susitna River near Gold Creek	-2.5	-1 to +1 average snowmelt runoff
Chulitna River near Talkeetna.....	-3.0	
Deshka River at mouth near Willow	-2.8	
Montana Creek at Parks Highway.....	-2.7	+1 to +2 above average snowmelt runoff
Willow Creek near Willow.....	-2.1	
Skwentna River at Skwentna	-3.0	
Chuitna River near Tyonek	-2.5	+2 to +3 much above average snowmelt runoff
Campbell Creek near Spenard.....	-1.5	
Indian Creek at Indian.....	-2.9	
Bird Creek at Bird Creek	-2.9	
Glacier Creek nr Girdwood	+2.5	
Six Mile Creek near Hope	+1.8	
Resurrection Creek near Hope	-0.2	
Grouse Ck at Grouse Lake Outlet nr Seward	+0.4	
Anchor River near Anchor Point.....	-2.3	
Deep Creek near Ninilchik	-1.8	
Ninilchik River near Ninilchik.....	-1.8	
Fritz Creek near Homer	-1.4	
Skagway River at Skagway.....	+2.9	
Municipal Watershed C nr Petersburg	+3.0	

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

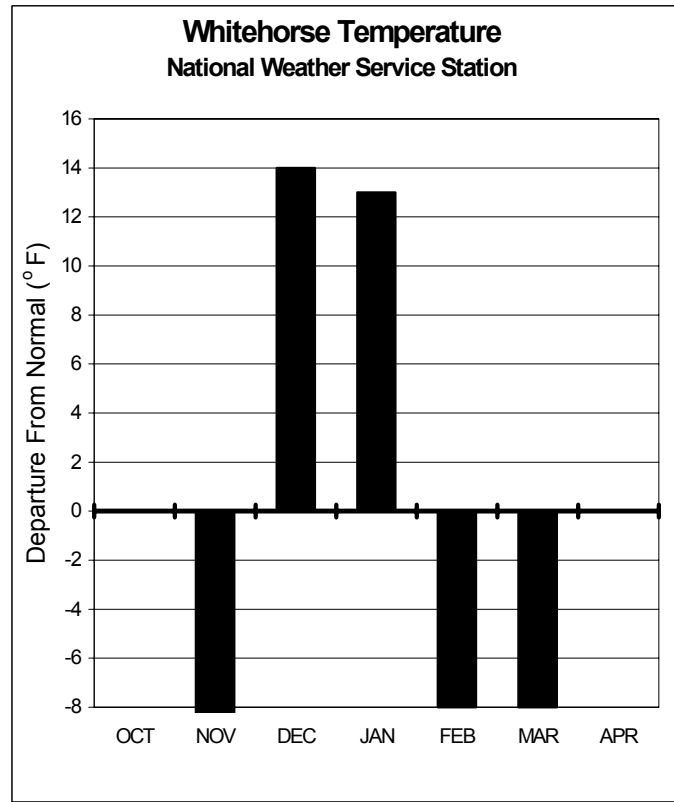
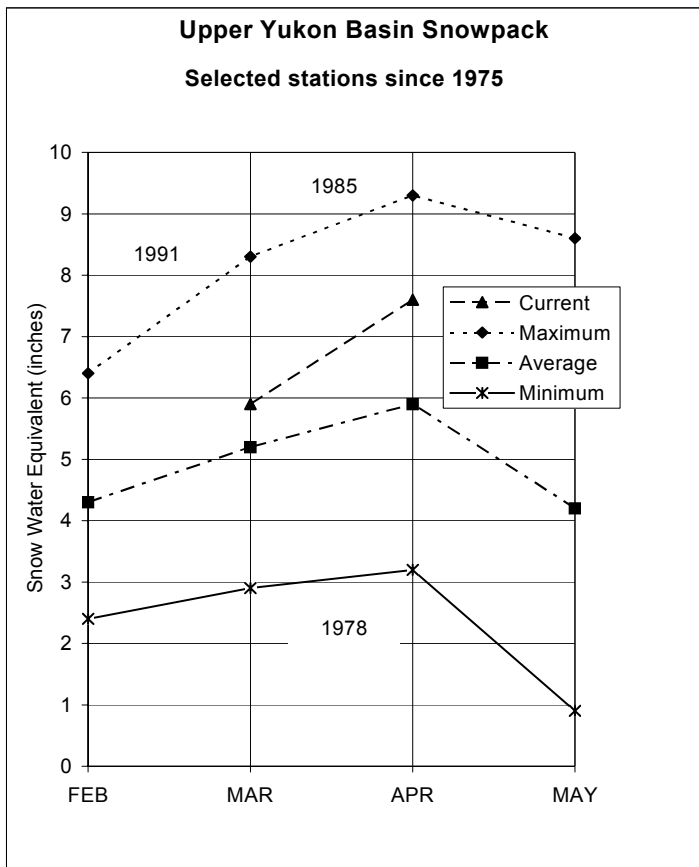
HOW FORECASTS ARE MADE

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

There are four new record high snow course water contents for the Yukon Basin for April 1st and they are all on the southern side in the area referred to as Above Whitehorse/Teslin. Atlin's new record is 42 inches of snow depth with 10.5 inches of water content. This smashes the previous record of 25 inches of snow depth and 7.8 inches of water content with the record beginning in 1964. Tagish's new record of 39 inches of snow depth and 9.5 inches of water content tops the previous record set in 2005 of 32 inches of snow depth and 9.1 inches of water content. Montana Mountain's new record is 37 inches with 9.0 inches of water content. The previous record set in 1986 was 30 inches with 7.3 inches of water content. Whitehorse Airport's new record high is 26 inches of snow with 6.5 inches of water content. The previous record set in 1970 was 27 inches of snow with 5.2 inches of water content with the record beginning in 1965. For the rest of the basin, water contents are near average and Porcupine basin is the lowest at 71% of average. The Yukon River at Eagle volume flow forecast for the April- July period is 112% of normal, 38,300,000 acre-ft.

* 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	Sow Depth (inches)	Water Content	Snow Depth	Water Content
Arrowhead Lake	3675	No Survey			---	---	35	7.9
Atlin	2395	3/31/07	42	10.5	11	3.1	21	4.9
Beaver Creek	2150	3/27/07	17	2.7	16	2.4	17	3.3
Burns Lake	3650	3/28/07	36	8.7	35	6.6	37	8.4
Burwash Airstrip	2660	3/28/07	11	2.1	4	0.7	9	1.7
Calumet	4300	3/30/07	37	7.3	35	7.3	36	7.6
Casino Creek	3490	3/29/07	24	4.0	25	5.3	26	4.9
Chair Mountain	3500	3/27/07	19	3.0	17	2.6	19	3.7
Duke River	4300	3/29/07	22	4.5	19	3.5	23	4.1
Edwards Lake	2720	3/27/07	35	6.9	24	5.0	30	6.7
Finlayson Airstrip	3240	3/28/07	20	4.0	16	2.9	23	4.8
Fuller Lake	3690	3/27/07	33	7.6	26	5.6	34	7.9
Grizzly Creek	3200	3/26/07	28	6.8	35	6.7	32	6.9
Hoole River	3400	3/28/07	32	6.8	19	3.0	24	5.2
Jordan Lake	3050	3/28/07	29	6.7	18	3.4	24	5.2
King Solomon Dome	3540	3/26/07	29	6.7	32	7.0	29	6.0
Log Cabin (B.C.)	2900	3/26/07	63	22.0	44	13.1	49	14.6
Mayo Airport	1770	3/30/07	20	4.4	17	3.6	17	3.7
MacIntosh	3805	3/29/07	26	5.1	19	3.7	21	3.8
Meadow Creek	4050	3/26/07	51	13.0	37	7.9	42	10.4
Midnight Dome	2805	3/30/07	26	5.7	26	4.8	28	5.8
Montana Mountain	3350	3/28/07	37	9.0	19	4.4	25	5.5
Morley Lake	2700	3/27/07	32	7.8	20	4.4	25	5.9
Mount Nansen	3350	3/29/07	21	3.4	16	3.3	17	3.0
Mt. Berdoe	3400	3/29/07	23	5.0	19	4.3	22	4.2
Mt. McIntyre B	3600	3/29/07	34	8.2	28	5.8	28	5.9
Pelly Farm	1550	3/29/07	17	3.4	13	2.4	15	3.0
Plata Airstrip	2720	3/27/07	33	7.5	26	5.6	33	7.5
Rackla Lake	3410	3/27/07	40	7.8	33	7.3	37	8.2
Russell Lake	3480	3/27/07	44	9.8	33	7.0	37	8.9
Satasha Lake	3805	3/29/07	22	4.5	19	5.4	21	4.3
Tagish	3540	3/26/07	39	9.5	25	4.6	26	5.5
Twin Creeks	2950	3/27/07	38	8.3	---	---	32	7.3
White River	2700	No Survey			---	---	16	3.0
Whitehorse Airport	2300	3/29/07	26	6.5	15	2.8	19	3.9
Williams Creek	3000	3/29/07	22	4.2	17	3.5	18	3.5
Withers Lake	3200	3/27/07	39	8.7	38	9.3	39	9.4

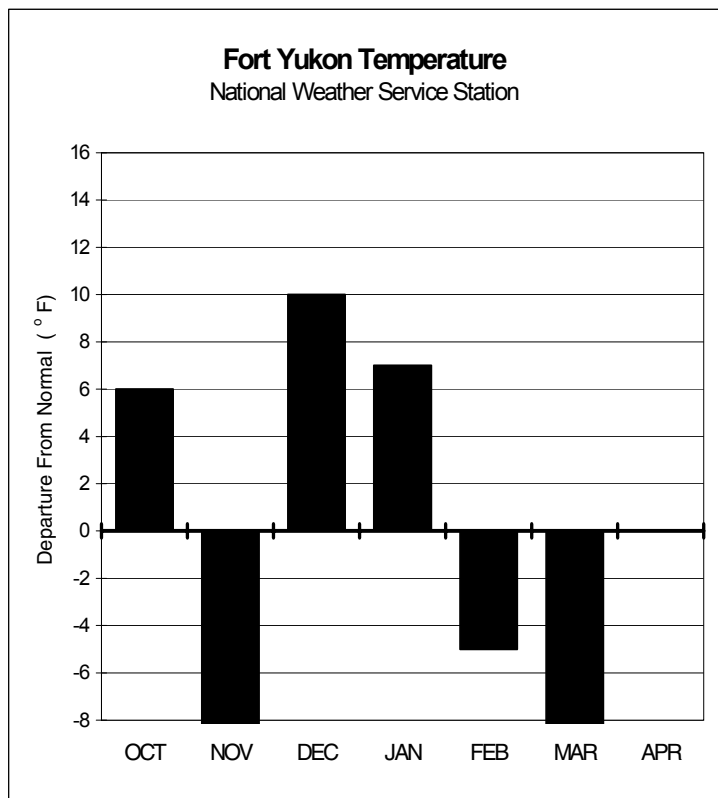
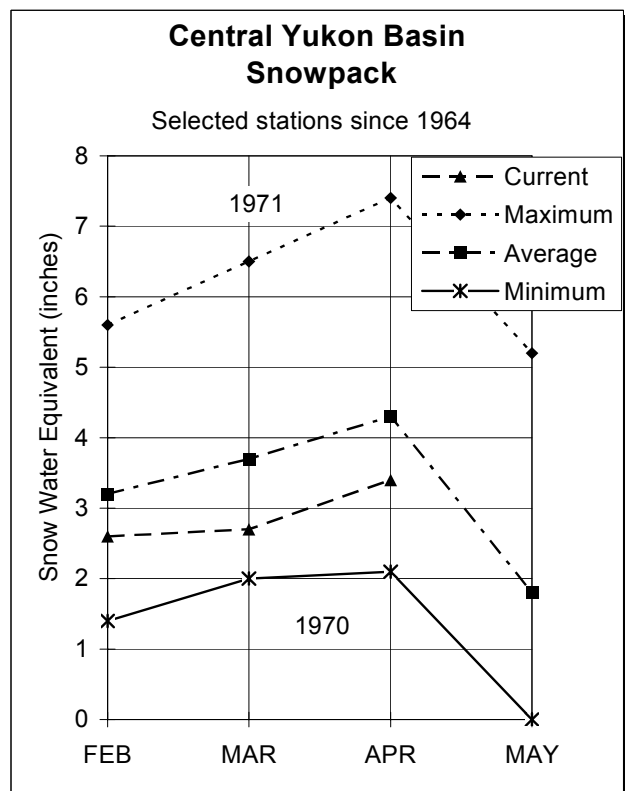
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Yukon River At Eagle	Apr-Jul	34200	38300	112	44680	32020

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Above Whitehorse/ Tetlin	10	184	149
Dawson	3	104	103
Stewart/ Pelly	13	126	103
White River	9	118	105

CENTRAL YUKON BASIN*



Current Basin Conditions

The White Mountains in Alaska, on the south side of the large Yukon Basin, are opposite of last year at 57% of normal snow water content. The Fort Yukon snow course is only about 71% of normal and the Mission Creek snow course water content is 107% of normal with only 4.4 inches of water content.

In the Porcupine River basin in the Yukon Territories, the 4 snow courses measured this month are 71% of normal and vary by no more than 3%.

The Snowmelt Runoff Index for Beaver Creek above Victoria Creek is -2.2, much below average.

The forecasted flow for the Yukon River at Stevens Village is 52,800,000 acre-feet, 110% of average.

* 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	Sow Depth	Water Content	Snow Depth	Water Content
						(inches)		
Borealis	1330	3/29/07	16	3.3	27	5.6	28	5.2
Boundary	3300	No Survey			22	5.0	25	5.3
Cathedral Creek	1800	3/30/07	7	1.8	---	---	--	--
Chicken Airstrip	1650	3/27/07	14	2.6	14	3.1	16	3.2
Circle City	600	3/29/07	16	3.2	29	5.5	26	4.5
Circle Hot Springs	860	3/29/07	16	3.2	29	5.9	26	4.5
Coal Creek	1000	3/30/07	17	2.7	---	---	---	---
Copper Creek	2000	3/30/07	4	0.9	---	---	---	---
Cresent Creek	2600	No Survey			---	---	---	---
Eagle Plains	2330	3/27/07	24	5.1	38	7.8	32	7.0
Eagle River	1120	3/27/07	22	3.9	34	6.5	27	5.5
Fort Yukon	430	3/31/07	15	2.6	19	3.6	20	3.8
Fossil	1400	3/28/07	15	2.9	24	5.1	---	---
Graphite Lake	600	No Survey			24	4.5	---	--
Hess Creek	1000	3/27/07	20	3.4	30	5.8	26	5.4
Lost Chicken Hill	2100	3/27/07	14	2.2	15	4.3	---	---
Lower Beaver Creek	400	No Survey			30	5.8	---	--
Mission Creek	900	4/02/07	19	4.4	16	3.6	18	4.1
Mt. Fairplay	3100	3/27/07	19	4.2	19	5.0	20	4.3
Old Crow	980	3/31/07	18	3.2	30	5.4	25	4.6
Riff's Ridge	2130	3/28/07	21	4.1	37	8.1	29	5.7
Seven Mile	600	3/28/07	19	3.4	28	5.4	26	5.2
Stack Pup Creek	1620	3/29/07	15	2.4	30	5.8	25	4.4
Step Mountain	2850	No Survey			---	---	---	---
Tacoma Bluff	1450	No Survey			---	---	---	---
Thirty Mile	1350	3/30/07	20	3.8	27	5.2	37	8.1
Three Fingers	3350	3/30/07	15	2.5	---	---	---	---
Upper Nome Creek	2650	3/31/07	17	4.4	New		---	---
Vunzik Lake	500	No Survey			19	3.7	---	---
Windy Gap	1900	3/28/07	20	3.8	29	6.6	31	5.7
Wolf	1200	3/28/07	16	2.8	24	4.6	27	4.8
Estimate *								

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Yukon River near Stevens Village	Apr-Jul	48200	52800	110	59290	46270

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1st

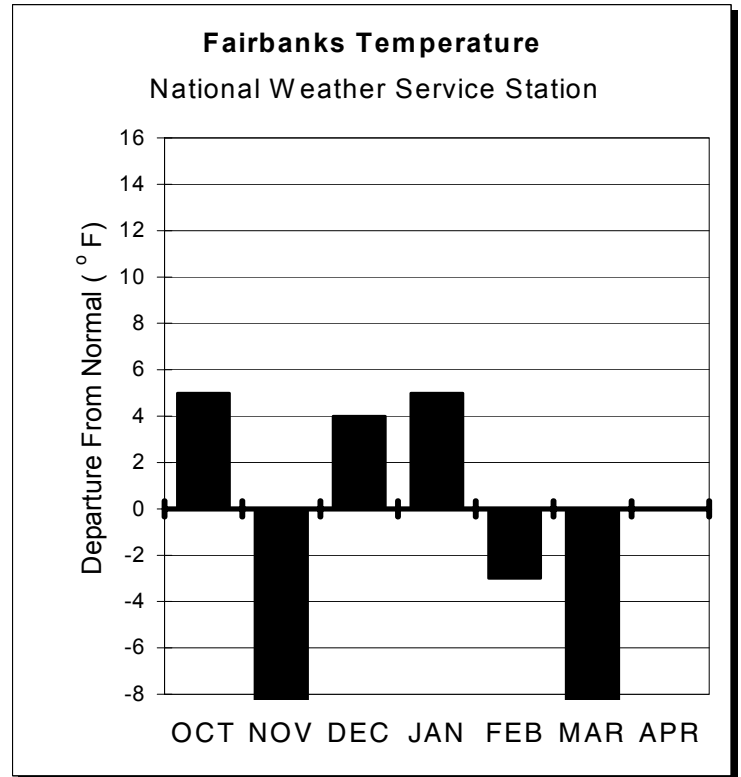
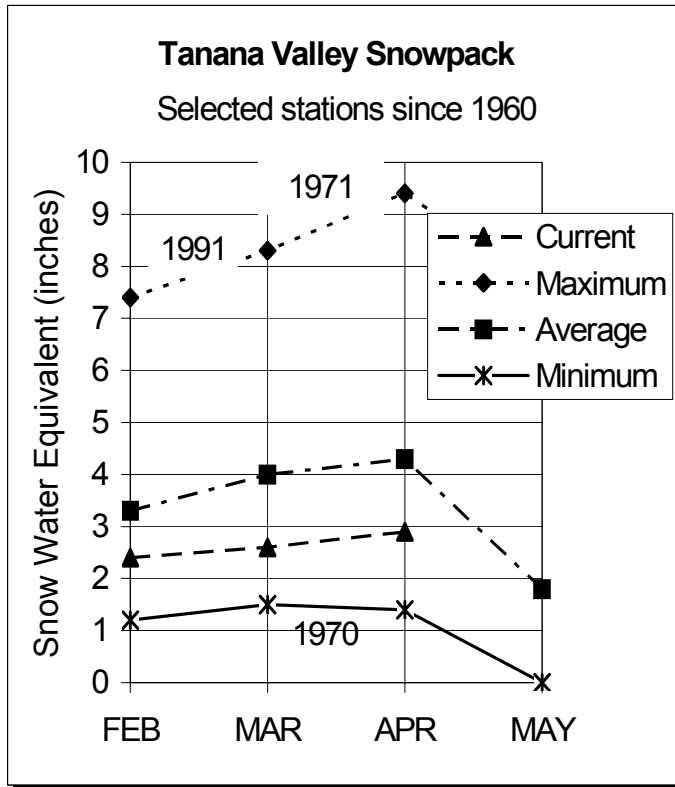
Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Atigun Pass**	4800	3/29/07	5.5	6.1	6.0	92
Chandalar Shelf**	3300	3/29/07	4.7	4.9	5.3	89
Eagle Summit	3650	3/31/07	4.0	6.7	6.3	64
Fort Yukon	430	3/31/07	2.9	2.7	4.2	69
Mission Creek	900	4/02/07	5.5	5.1	5.2	1.6
Upper Nome Creek	2650	3/31/07	5.1	New	---	---

**Wyoming shielded gauge

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Forty Mile	5	84	88
Porcupine (Y.T.)	4	59	71
White Mountain	6	55	57
Yukon Flats	4	58	68

TANANA BASIN*



Current Basin Conditions

The snow courses in the Upper Tanana Valley near Tok are 76% of normal. The Tok snow course is 103% of normal and Paradise Hill is 97% of normal. This trend continues southeast into the Yukon Territories. The Lower Tanana Valley is 50-61% of normal. Bonanza Creek snow water content is 50% of normal and the Fairbanks FO is 56% of normal water content.

The Chatanika basin snow course water contents are 53% of normal and 51% of last year. The Snowmelt Runoff Index for Caribou Creek at Chatanika is -2.7, much below average. The Salcha River near Salchaket volume flow forecast for the April through July period is 500,000 acre-feet, 80% of average.

* 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	Sow Depth	Water Content	Snow Depth	Water Content
					(inches)			
Bonanza Creek	1150	4/02/07	15	2.5	18	3.9	23	5.0
Caribou Creek	1250	4/03/07	12	2.4	23	5.3	23	5.0
Caribou Mine	1150	No Survey			21	3.8	27	5.6
Caribou Snow Pillow	900	4/03/07	14	2.8	23	5.7	23	4.8
Cleary Summit	2230	3/29/07	20	3.2	28	5.8	31	6.7
Colorado Creek	700	4/03/07	16	2.6	20	3.5	23	4.7
Edgar Creek	2400	3/31/07	34	6.8	35	6.9	28	7.0
Fairbanks FO	450	4/03/07	14	2.5	22	3.7	23	4.5
Faith Creek	1900	3/29/07	17	2.4	25	4.8	28	4.9
Fielding Lake	3000	3/28/07	34	7.4	35	7.9	46	12.0
Fort Greely	1500	3/29/07	18	3.4	14	2.1	17	3.6
French Creek	1800	3/30/07	20	3.6	18	2.7	27	6.4
Gerstle River	1200	3/29/07	18	3.2	14	2.0	18	3.4
Gold King	1700	3/31/07	18	3.7	7	1.4	21	4.3
Granite Creek	1240	4/01/07	17	3.6	14	3.2	18	3.8
Haystack Mountain	1950	No Survey			28	6.8	31	6.0
Jatahmund Lake	2180	3/29/07	16	2.8	14	2.5	18	3.2
Kantishna	1550	3/30/07	19	3.2	20	3.8	30	5.7
Lake Minchumina	730	3/30/07	14	2.3	20	3.8	21	4.4
Little Chena Bottom	1460	No Survey			18	3.5	21	4.3
Little Chena Ridge	2000	4/01/07	13*	1.8	21	5.0	28	5.9
Lost Creek	3030	3/27/07	9	1.4	13	2.5	21	4.2
Mentasta Pass	2430	3/28/07	14	2.8	21	4.5	28	6.7
Monument Creek	1850	4/01/07	17*	3.3	24	5.4	25	5.2
Mt. Ryan	2800	4/01/07	21*	3.8	30	6.4	31	6.8
Munson Ridge	3100	4/01/07	22*	3.9	36	8.0	38	9.1
Paradise Hill	2200	3/30/07	17	3.3	18	3.4	18	3.6
Ptarmigan Airstrip	2400	3/31/07	19	3.8	11	2.4	18	3.7
Ptarmigan Creek	2230	3/29/07	17	2.7	24	4.6	19	3.8
Rock Creek Bottom	2250	4/02/07	15	2.5	19	2.8	22	4.3
Rock Creek Ridge	2600	4/02/07	16	2.6	19	3.5	26	5.3
Shaw Creek Flats	980	3/30/07	15	2.3	14	2.0	16	3.4
Stampedede	1800	No Survey			17	2.5	--	---
Teuchet Creek	1640	4/01/07	15*	2.6	25	4.8	23	4.4
Tok Junction	1650	3/29/07	22	3.7	20	3.2	19	3.6
Upper Chena	3000	No Survey			31	7.5	33	7.8
Upper Chena Pillow	2850	No Survey			32	7.0	32	7.5
Upper Wood River	2990	3/31/07	20	3.9	19	4.2	28	5.7
Estimate *								

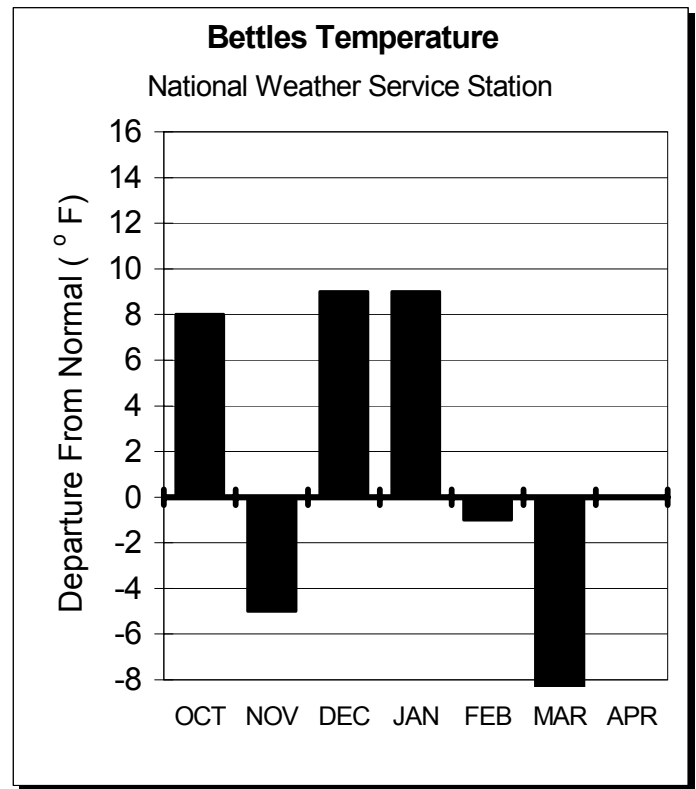
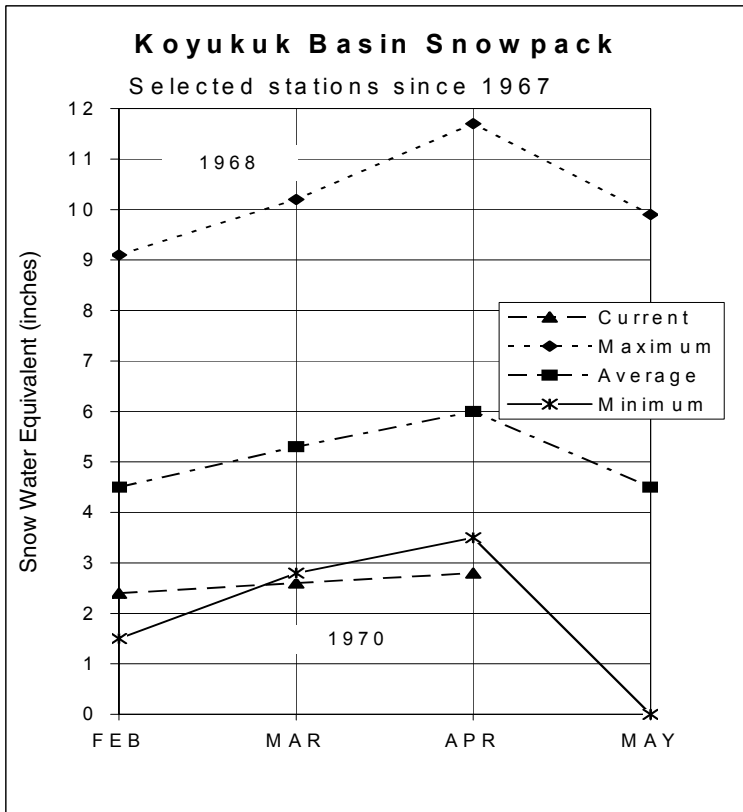
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Tanana River at Fairbanks	Apr-Jul	7100	6900	97	7950	5960
Little Chena R. near Fairbanks	Apr-Jul	78.0	66.0	85	92.0	45.0
Chena River near Two Rivers	Apr-Jul	270	240	89	350	157
Salcha River near Salchaket	Apr-Jul	625	500	80	720	330
Tanana River at Nenana	Apr-Jul	9000	8290	92	9650	6930

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Chatanika	4	59	53
Chena Basin	8	60	53
Lower Tanana Valley	6	86	52
Mid Tanana Valley (Delta Junction)	5	116	76
Upper Tanana Valley (Tok)	5	96	76

WESTERN INTERIOR BASINS*



Current Basin Conditions

Koyukuk

The seven snow courses that are used for the Snowpack graph set record lows for April 1st; Bettles Field is 53% of normal and set a new record low snow water content with 3.5 inches; the previous low was 24 inches of snow depth and 4.4 inches of water content. Bonanza Forks snow course is 43% of normal with 15 inches of snow and 2.4 inches of snow water content. This breaks the previous low of 21 inches of snow and 3.1 inches of water content. Coldfoot has a new record low with 2.7 inches of water content; the previous record low was 3.0 inches, the record began in 1971. For Disaster Creek, the snow water content is a dismal 35% of normal and set a new record low with only 14 inches of depth and 1.5 inches of snow water content. Table Mountain snow water content is 2.3 inches. This is also a new record low with the previous low being 2.7 inches in 1998. Lake Todatoten has a record low water content of 3.1 inches; the previous low was 3.2 inches in 1970. The Thirty Mile snow course has 20 inches of snow with 3.8 inches of water content, the previous low was 34 inches of depth with 5.5 inches of water content. This record low has been influenced by the fire that burned through the snow course in 2004. The Bonanza Forks snow course was burned in 2005.

Kuskokwim

In the Upper Kuskokwim, the McGrath snow course is 59% of normal and the Lake Minchumina snow course is 52% of normal snow water content..

Lower Yukon

The Tozikaket snow course has a new minimum record for April 1st with 14 inches of depth and 2.2 inches of water content. The previous record was set in 1998 with 16 inches of snow depth and 2.7 inches of water content. The record began in 1982.

Western Interior Basins

SNOWPACK DATA

Snow Course	Elev.	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth	Water Content	Snow Depth	Water Content
			(feet)		(inches)			
Koyukuk								
Bettles Field	640	3/29/07	16	3.5	30	6.4	32	6.9
Bonanza Forks	1200	3/29/07	15	2.4	27	5.3	27	5.6
Cloverleaf	170	3/30/07	28	6.0	24	5.1	---	---
Coldfoot	1040	4/01/07	13	2.7	28	6.6	31	6.9
Colville Bend	170	3/30/07	24	5.7	30	6.0	---	---
Disaster Creek	1550	3/29/07	14	1.5	22	3.9	23	4.4
Huggins Creek	290	3/30/07	27	5.9	30	6.2	---	---
JR Slough	160	3/30/07	22	4.8	32	6.6	---	---
Kaldoyeit	750	4/02/07	16	2.8	21	4.4	---	---
Kanuti-Chelatna	670	4/02/07	15	2.6	28	6.0	---	---
Kanuti-Kilolitna	550	4/02/07	17	3.3	23	5.0	--	---
Lake Todatonen	550	4/02/07	18	3.1	30	5.6	28	5.5
Minnkokut	580	4/02/07	16	3.0	32	7.0	---	--
Nolitna	560	4/02/07	18	3.6	27	5.4	---	---
Table Mountain	2200	3/29/07	16	2.3	23	4.6	24	4.9
Taiholman	540	4/02/07	7	1.2	2	0.5	---	---
Treat Island	190	3/30/07	20	5.0	24	5.1	---	---
Kuskokwim								
Lake Minchumina	730	3/30/07	14	2.3	20	3.8	21	4.4
McGrath	340	4/05/07	19	4.0	30	5.2	30	6.5
Purkeypile Mine	2025	No Survey			27	5.1	21	4.1
Telaquana Lake	1550	No Report			---	---	20	4.5
Lower Yukon								
Deer Creek	195	3/30/07	33	7.8	28	5.8		
Grouch Creek	220	No Survey			39	8.0	---	---
Holikachuk	100	4/04/07	27	7.2	39	8.2	---	---
Horsefly Creek	180	4/04/07	0	0.0	32	7.0	---	---
Innoko Cabin	200	4/04/07	17	4.0	22	4.8	---	---
Little Mud River	855	No Survey			22	4.9	---	---
Lower Nowitna River	205	3/30/07	23	4.9	23	4.9	---	---
Menotl Creek	380	No Survey			40	8.4	---	---
Middle Innoko	150	4/04/07	24	7.2	39	8.0	---	---
Nine Mile Island	140	3/29/07	28	6.1	29	5.8	---	---
Pike Trap Lake	130	3/29/07	15	3.4	16	4.5	---	---
Squirrel Creek	150	3/29/07	33	7.4	31	6.3	---	---
Tozikaket	600	4/02/07	14	2.2	21	3.6	24	5.0
Upper Innoko	180	4/04/07	32	7.9	33	7.0	---	---
Wapoo Hills	220	4/04/07	36	8.0	38	7.8	---	---
Yankee Slough	100	4/04/07	34	8.6	41	8.4	---	---
Yetna River	120	4/04/07	11	3.0	27	5.9	---	---

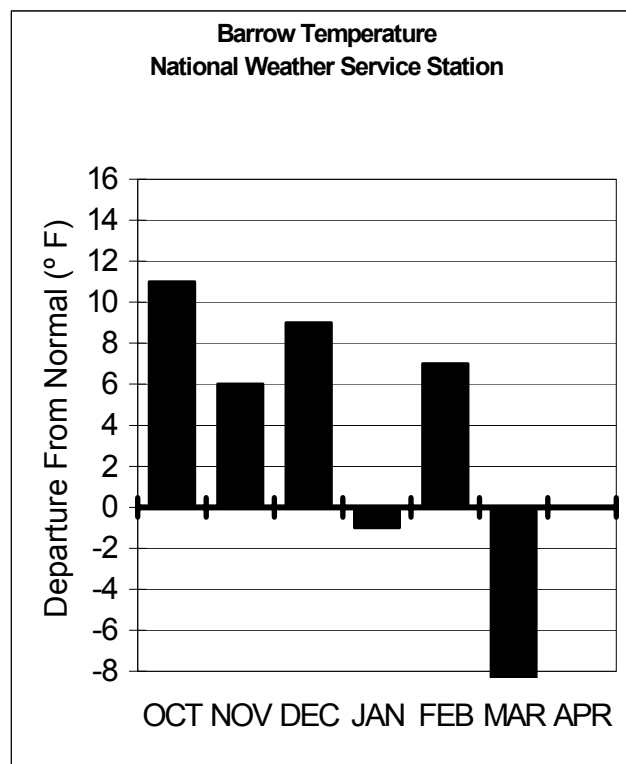
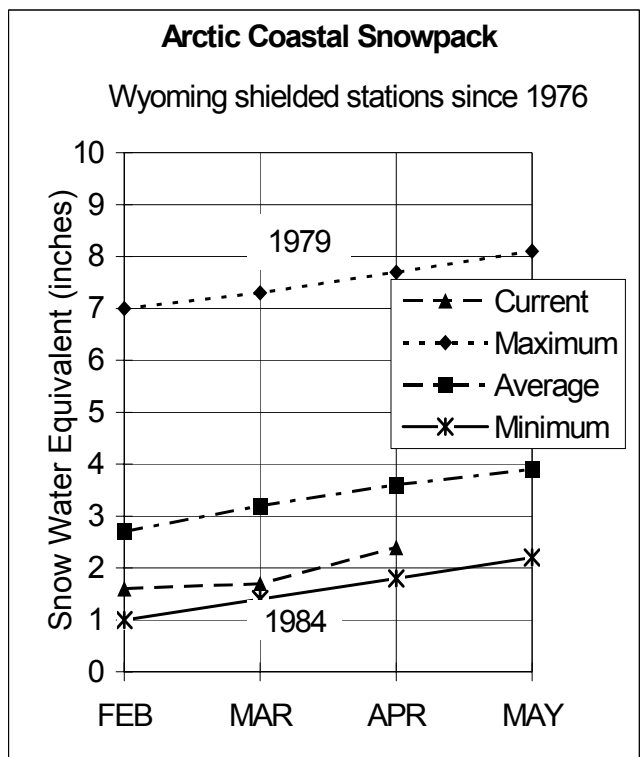
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Kuskokwim River at Crooked Creek	Apr-Jul	10500	9540	91	12530	6550

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Koyukuk	12	46	44
Upper Kuskokwim	2	70	56
Lower Yukon	9	79	78

ARCTIC AND KOTZEBUE SOUND*



Current Basin Conditions

Arctic

The Prudhoe Bay Wyoming shielded precipitation gauge has received 2.6 inches of precipitation since October 1st and is 68% of normal.

The Atigun Camp precipitation gauge has received 2.2 inches of precipitation since October 1st. The gauge at Imnaviat Creek (Mile 117.1) has received only 1.3 inches, 33% of normal.

Kotzebue

The Wyoming shielded precipitation gauge at Red Dog Mine increased 0.1 inches in March and has caught 6.2 inches since October 1st, 2006. This is 98% of normal.

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

Arctic and Kotzebue Sound

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	3/29/07	2.2	2.7	5.0	44
Atigun Pass	4800	3/29/07	5.5	6.1	6.0	92
Barrow	25	4/04/07	1.8	3.1	3.0	60
Imnaviat Creek	3050	3/31/07	1.3	1.3	3.9	33
Prudhoe Bay	30	3/19/07	2.6	---	3.8	68
Kotzebue Sound						
Kivalina	50	No Report		---	---	---
Red Dog**	950	3/31/07	6.2	4.5	6.3	98

** Wyoming Shielded Gauge

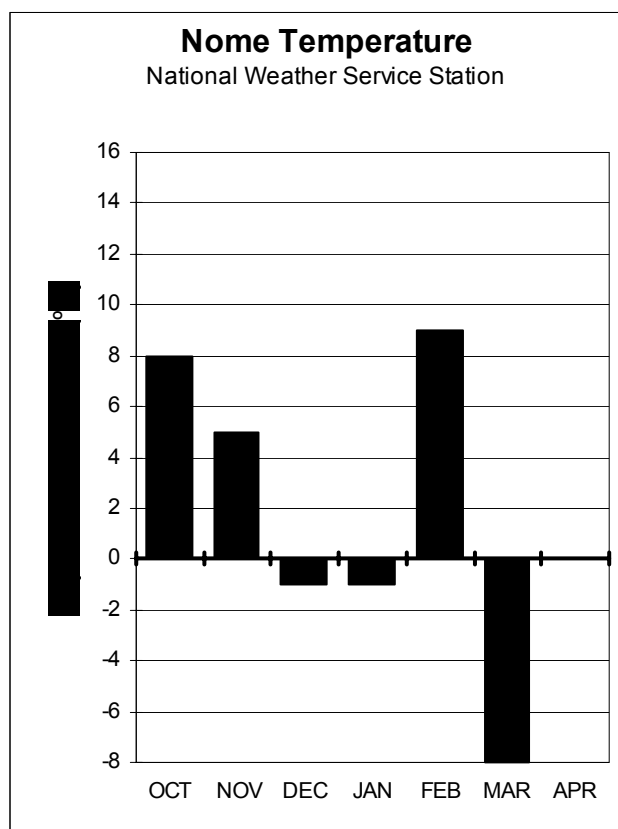
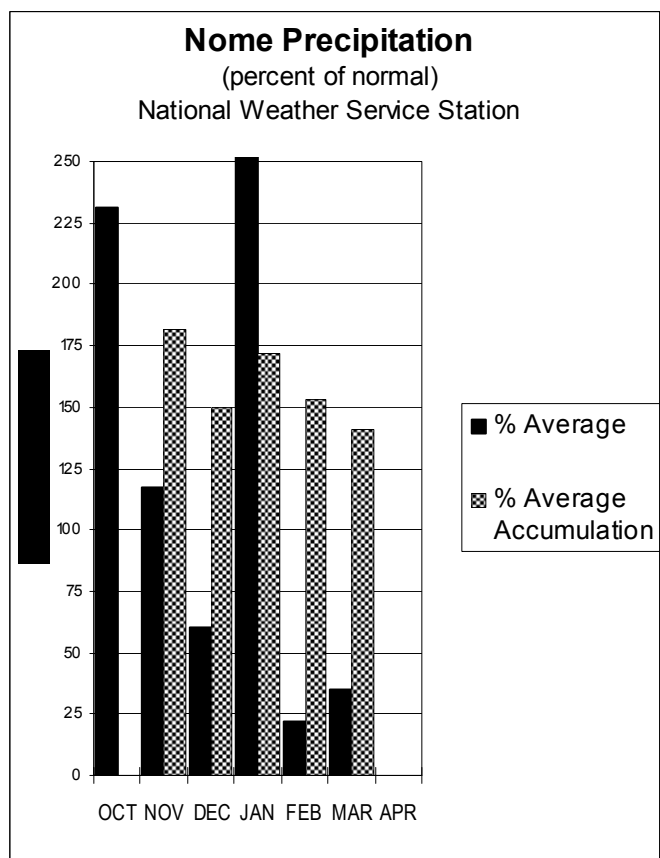
STREAMFLOW FORECASTS

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	650	95	885	465
Kuparuk River near Deadhorse	April - Jul	795	655	82	970	420

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Arctic Coast	2	66	65
Dalton Highway	3	89	60

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*



Current Basin Conditions

Norton Sound

The Seward Peninsula received some snow the last two days of March. The snow at Johnson's Camp was only 4 inches deep on April 1st and Rocky Point was reporting 6 inches of snow depth. It appears that the wind, in the Blow Hole/Soloman, and the rain in the early part of February are the reason for the little amount of the snow at these sites. The Pargon Creek SNOTEL site has begun to report more consistently through March and has received 6.0 inches of precipitation since October 1st. Last year it had received 4.9 inches, no average has been developed. However, this is probably in the 120-130% of normal range.

Southwest Delta/Bristol Bay

Bethel and King Salmon both received less than normal precipitation for the month of March. The region is below normal for snow water content and is probably in the 60-70% range.

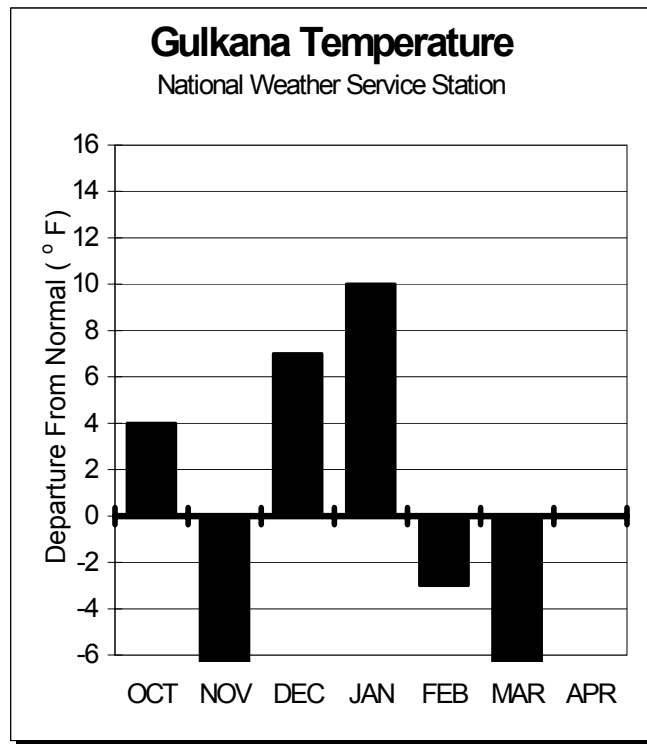
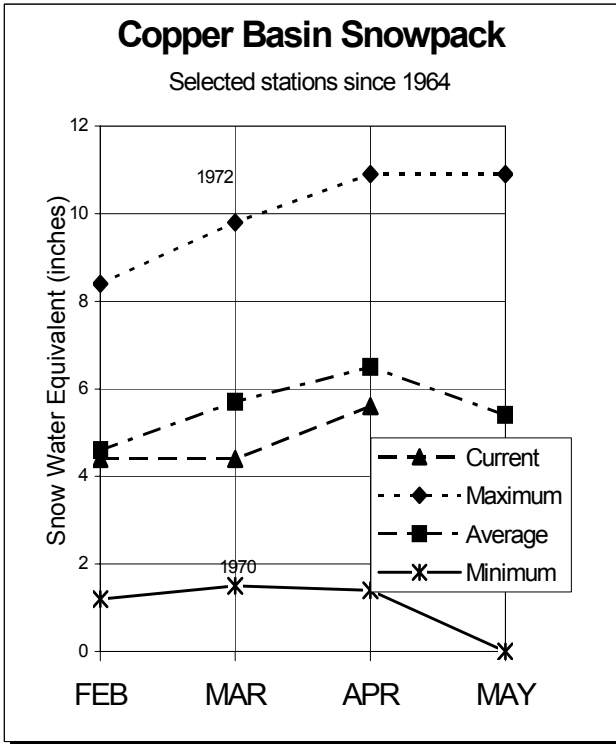
* For further information contact the Natural Resources Conservation Service in Anchorage.

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*

SNOWPACK DATA

Snow Course	Elev.	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth	Water Content	Snow Depth	Water Content
			(feet)		(inches)			
Bristol Bay								
Brooks Camp	150	No Report					---	---
Fishtrap Lake	1800	No Report					---	---
Port Alsworth	270	No Report					12	4.1
Three Forks	900	No Report					---	---
Upper Twin Lakes	2000	No Report					27	7.2

COPPER BASIN*



Current Basin Conditions

The snow course measurements across the basin have gone up a small amount from last month with respect to water content; the snow depth generally remained the same.

The four snow courses in the Alaska Range average 70% of normal. There are two record low snow water contents in this area; Chistochina set the new record low with 12 inches of snow and 2.0 inches of snow water content. Mentasta Pass has tied the record low water content of 2.8 inches set back in 1969.

To the south, the Basin Floor is 96% of normal, the Chugach Range is 84% of normal, and the Wrangle Mountains are 88% of normal.

The Talkeetna Mountains side of the basin remains above normal with the 3 snow courses at 119% of average, collectively.

The Gulkana River volume flow forecast for the April-July period is 86% of normal at 410,000 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	Sow Depth (inches)	Water Content	Snow Depth	Water Content
Chisana	3320	3/27/07	17	3.0	15	2.7	22	3.6
Chistochina	1950	3/28/07	12	2.0	18	3.0	22	4.1
Chokosna	1550	4/03/07	18	3.3	7	2.1	22	3.9
Dadina Lake	2160	3/30/07	27	5.9	28	6.4	27	5.9
Haggard Creek	2540	3/28/07	28	4.8	24	4.2	29	6.3
Horsepasture Pass	4300	3/29/07	42	9.1	39	8.0	29	6.4
Kenny Lake School	1300	3/28/07	19	4.5	15	3.8	17	3.7
Lake Louise	2400	3/28/07	29	4.8	20	3.6	23	4.6
Little Nelchina	2650	3/28/07	28	5.1	24	5.0	25	5.3
Long Glacier	4820	3/26/07	24	5.3	28	7.5	---	---
Lost Creek	3030	3/27/07	9	1.4	13	2.5	21	4.2
May Creek	1610	3/27/07	18	4.0	23	5.5	21	4.5
Mentasta Pass	2430	3/28/07	14	2.8	21	4.5	28	6.7
Monsoon Lake	3100	3/29/07	30	6.2	30	6.5	28	6.4
Notch	2645	3/27/07	17	4.3	---	---	---	---
Paxson	2650	3/28/07	33	6.7	30	6.5	32	7.8
Sanford River	2280	3/30/07	22	4.8	23	5.7	28	6.2
St. Anne Lake	1990	3/30/07	31	6.3	27	5.4	25	5.5
Tazlina	1225	3/28/07	29	5.4	14	3.7	19	4.2
Tebay Lake	1930	3/27/07	42	12.7	76	23.2	---	---
Tolsona Creek	2000	3/28/07	21	4.7	19	3.5	22	4.1
Tsaina River	1650	3/29/07	47	14.3	61	17.6	57	17.6
Twin Lakes	2400	3/30/07	29	6.4	24	5.2	28	6.4
Upper Tsaina River	1750	3/31/07	56	18.3	66	19.6	---	---
Worthington Glacier	2100	3/29/07	54	18.0	74	23.6	72	24.9

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Upper Tsaina River	1750	3/31/06	28.3	26.7	---	---

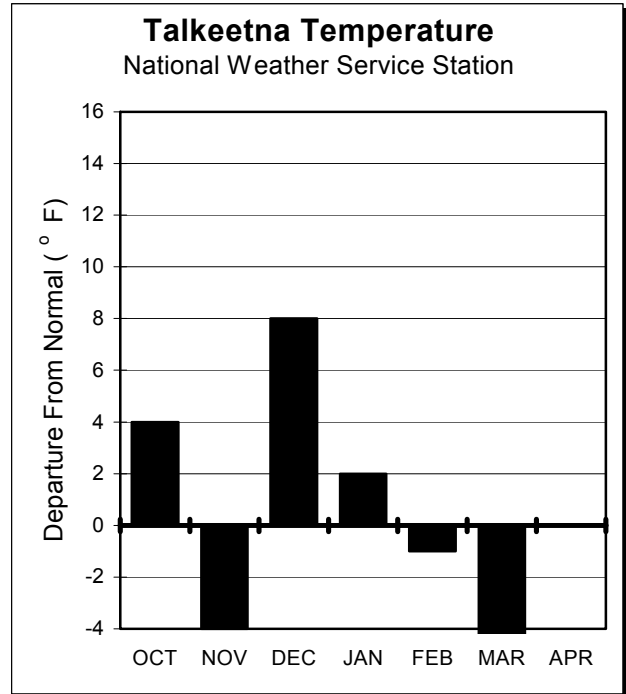
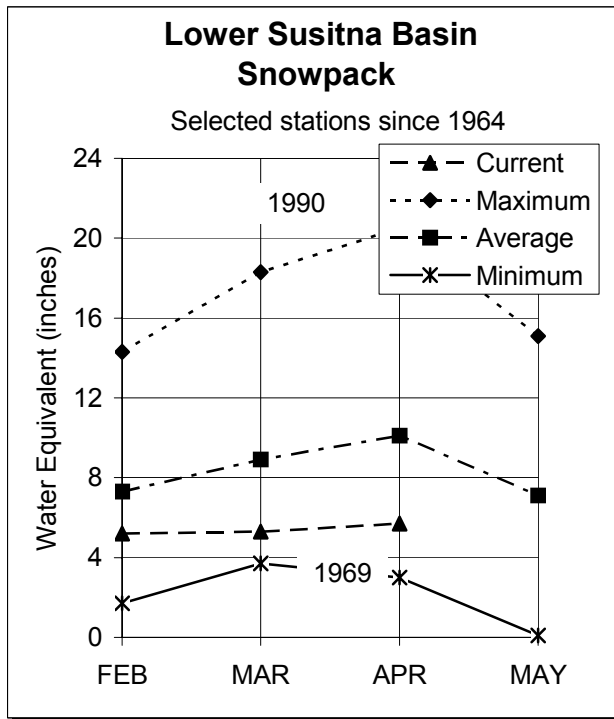
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Gulkana River at Sourdough	Apr-Jul	475	410	86	560	295

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Alaska Range	4	91	70
Basin Floor	7	121	96
Chugach Range	5	89	84
Talkeetna Mountains	3	123	119
Wrangell Mountains	2	92	88

MATANUSKA - SUSITNA BASINS*



Current Basin Conditions

The watershed snowpack analysis for the Susitna basin area from Broad Pass south continues to be in the 60-70% of normal range for April 1st. Several snow courses located in the upper reaches of the Susitna Basin are above normal. Horsepasture Pass on the east side of the Talkeetna Mountains is 142% of normal. Clearwater Lake, Square Lake, Tyone River and Lake Louise snow courses are all above normal water content.

Two snow courses along the Parks Highway have new record low snow water contents. The Blueberry Hill snow course at Mile 151 of the Parks Highway is 45% of normal and broke the previous record low set in 2002. Denali View also broke the record low of 2002. The Talkeetna snow course is also well below average at 39% of normal water content. This is the 2nd lowest on record with only the 2003 measurement being lower.

The west side snow courses have slightly more water with Chelatna Lake reporting 69% of normal water content, Skwentna is 59% of normal and Alexander Lake is 58% of normal. The Snowmelt Runoff Index for the Deshka River at mouth near Willow is -2.8, much below average.

The Little Susitna River basin snowpack is well below average and the forecasted flow for the April through July period is 77% of normal, 86,000 acre-feet water.

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

Matanuska - Susitna Basins

SNOWPACK DATA

Snow Course	Elev.	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth	Water Content	Snow Depth	Water Content
	(feet)					(inches)		
Alexander Lake	160	3/29/07	30	7.0	39	9.4	44	12.0
Archangel Road	2200	3/29/07	36	9.1	33	10.2	50.0	16.3
Bentalit Lodge	150	3/29/07	23	5.8	27	6.8	---	---
Blueberry Hill	1200	3/29/07	30	7.2	43	11.1	58	16.0
Chelatna Lake	1450	3/30/07	31	8.0	38	8.9	44	11.6
Clearwater Lake	2650	3/29/07	31	6.0	21	4.0	27	5.7
Curtis Lake	2850	3/29/07	25	5.5	20	4.0	---	---
Denali View	700	3/29/07	26	6.2	34	8.8	50	13.4
Dunkle Hills	2700	3/30/07	21	4.9	31	8.2	---	---
Dutch Hills	3100	3/30/07	64	18.5	66	18.0	80	27.5
E. Fork Chulitna	1800	3/29/07	34	8.3	39	9.2	54	14.0
Eldridge Glacier	3400	3/30/07	7	2.0	18	4.0	---	---
Fishhook Basin	3300	3/29/07	46	12.8	45	11.2	64	20.5
Fog Lakes	2120	3/29/07	19	3.8	20	4.1	28	6.2
Halfway Slough	350	3/29/07	18	4.9	17	5.0	---	---
Independence Mine	3550	3/29/07	54	15.0	54	14.6	70	24.2
Independence Mine	3550	4/01/07	45	11.8	39	10.3	---	---
Lake Louise	2400	3/28/07	29	4.8	20	3.6	23	4.6
Little Susitna	1700	3/29/07	36	8.4	34	9.0	43	13.3
Monahan Flat	2710	3/29/07	29	6.6	32	6.3	35	8.1
Moose Creek Ranch	450	3/30/07	17	3.8	9	2.0	---	---
Nugget Bench	2010	3/30/07	31	9.0	41	10.8	55	15.5
Ramsdyke Creek	2220	3/30/07	45	13.0	63	17.0	69	22.0
Sheep Mountain	2900	3/28/07	27	6.0	23	4.4	26	6.0
Skwentna	160	3/29/07	27	6.9	37	8.7	42	11.6
Square Lake	2950	3/29/07	25	4.7	19	3.7	22	4.2
Susitna Valley High	375	4/01/07	30	6.8	25	7.6	39	9.5
Talkeetna	350	3/30/07	18	3.4	22	5.5	34	8.7
Tokositna Valley	850	3/29/07	45	11.2	57	15.5	62	18.7
Tokositna Valley	850	4/01/07	35	9.2	New	---	---	---
Tyone River	2500	3/29/07	29	5.5	21	3.8	24	5.2
Upper Oshetna	3150	3/29/07	24	5.5	19	3.6	---	---
Upper Sanona	3100	3/29/07	7	2.0	28	5.5	---	---
West Fork Yentna	950	No Survey			90	28.8	---	---
Ward Lake	2700	3/29/07	33	6.7	---	---	25	5.3
Willow Airstrip	200	3/30/07	27	5.4	25	5.1	31	8.1

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Little Susitna River near Palmer	Apr-Jul	86	66.0	77	86.0	50.0
Talkeetna River near Talkeetna	Apr-Jul	1630	1370	84	1620	1120

PRECIPITATION DATA

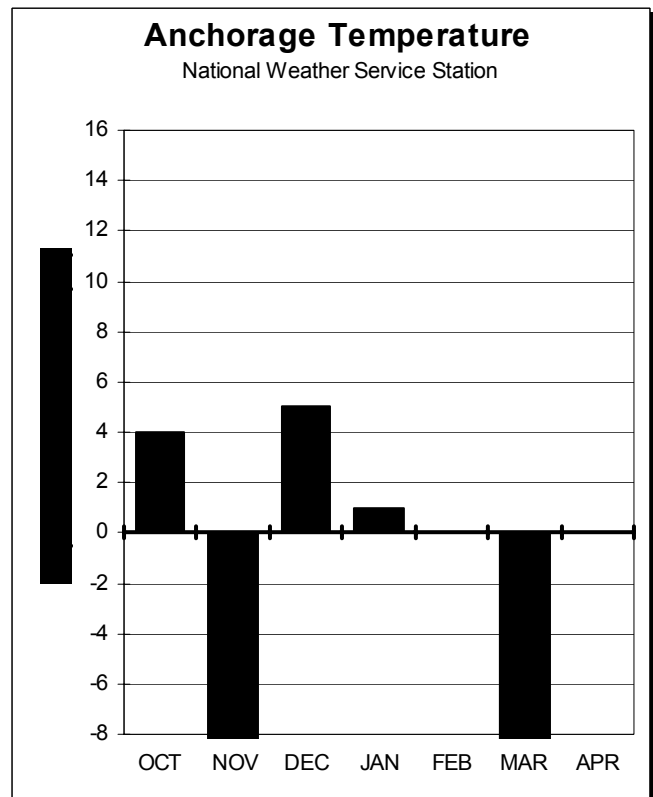
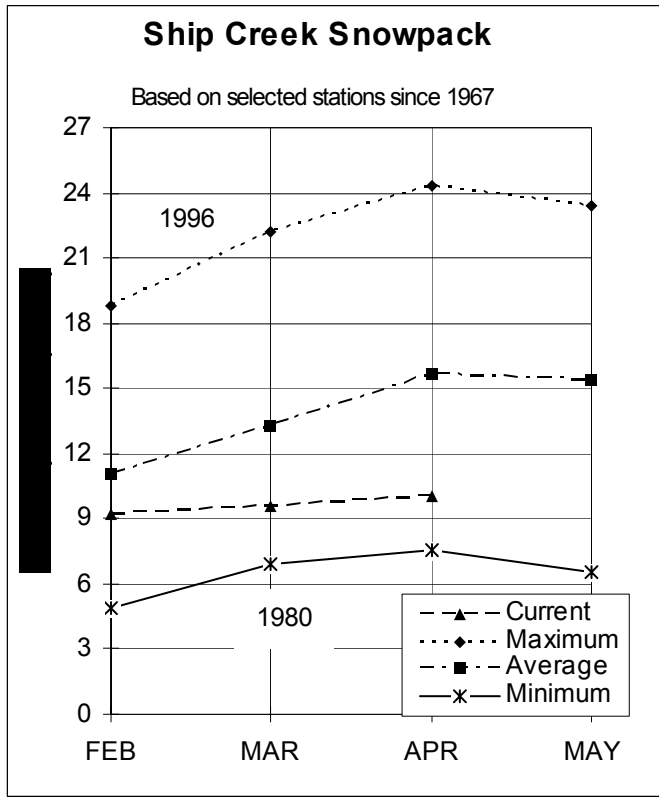
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (ft.)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Independence Mine	3550	3/31/07	15.4	12.8	25.9	60
Susitna Valley High	375	3/31/07	9.4	9.0	11.7	80
Tokositna Valley	850	3/31/07	21.6	New	20.1	108

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Lower Susitna	6	83	61
Matanuska/Little Susitna	7	108	68
Peters Hills	5	81	60
Upper Susitna	13	98	83

NORTHERN COOK INLET*



Current Basin Conditions

The Indian Pass SNOTEL site has 12.3 inches of water content, 52% of normal. The Anchorage Hillside SNOTEL site has 10.2 inches of water content and is 98% of normal. The Ship Creek forecasted flow for the April through July period is 78% of normal, 45,000 acre-feet.

In contrast, the Moraine SNOTEL site above Eklutna Lake has 9.6 inches of water content and is 120% of normal.

Across Cook Inlet, near Tyonek, the Chuitna Plateau snow course at an elevation of 1540 feet is 72% of normal with 48 inches of snow depth and 19.5 inches of water content. The Snowmelt Runoff Index for Chuitna River near Tyonek is -2.5, much below average snowmelt runoff.

Portage Valley snow course is 177% of average with 26.5 inches of water content. The Snowmelt Runoff Index for Glacier Creek near Girdwood is +2.5, much above average.

Northern Cook Inlet

SNOW PACK DATA

Snow Course	Elev.	Date	This Year		Last Year		1971-2000 Average	
			Snow Depth	Water Content	Snow Depth	Water Content	Snow Depth	Water Content
			Inches					
	(feet)							
Anchorage Hillside	2080	3/31/07	36	10.3	36	9.3	38	10.4
Arctic Ski Bowl	3000	3/31/07	43	14.5	12	3.6	43	14.0
Arctic Valley #1	500	3/31/07	23	5.5	17	4.6	14	3.6
Arctic Valley #2	1000	3/31/07	28	6.5	28	7.1	20	5.1
Arctic Valley #3	1450	3/31/07	29	7.8	26	6.7	28	7.3
Arctic Valley #4	2030	3/31/09	28	6.9	35	11.4	29	7.7
Chuitna Plateau	1540	3/29/07	48	19.5	76	30.4	86	26.9
Congahbuna Lake	500	3/29/07	30	7.7	36	8.9	38	10.8
Granite Point	250	No Survey			---	---	15	5.6
Indian Pass	2350	3/31/07	34	12.3	63	19.5	71	23.7
Kincaid Park	250	3/29/07	20	4.7	13	4.2	16	4.2
Lone Ridge	1675	3/29/07	43	17.5	85	32.3	86	33.1
Moraine	2100	4/01/07	33	9.6	27	7.4	29	8.0
Mt. Alyeska	1540	3/24/07	84	26.9	93	29.1	107	36.9
Point Mackenzie	200	4/01/07	19	4.8	19	4.9	20	5.4
Portage Valley	50	3/30/07	68	26.5	31	10.8	39	15.0
South Campbell Creek	1200	3/28/07	33	7.8	20	5.4	28	7.4

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Ship Creek near Anchorage	Apr-Jul	58.0	45.0	78	59.0	33.0

PRECIPITATION DATA

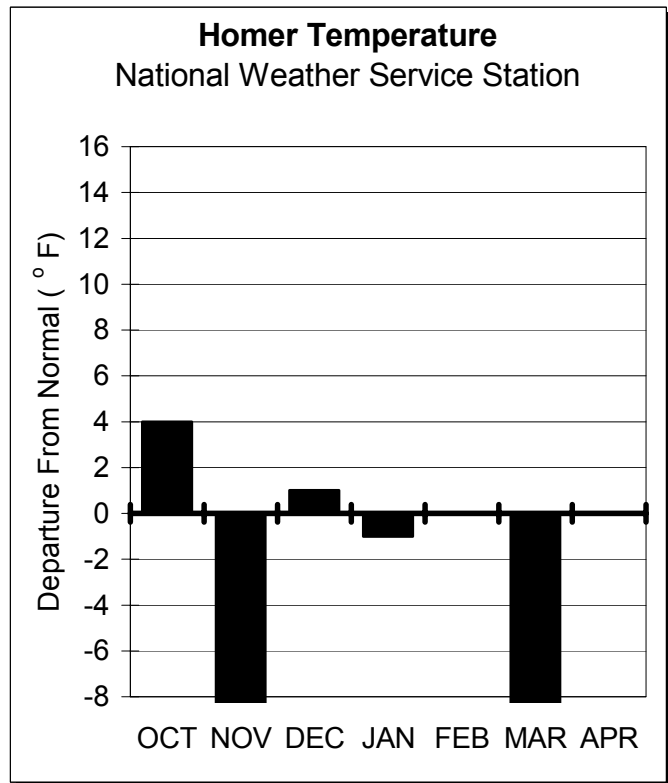
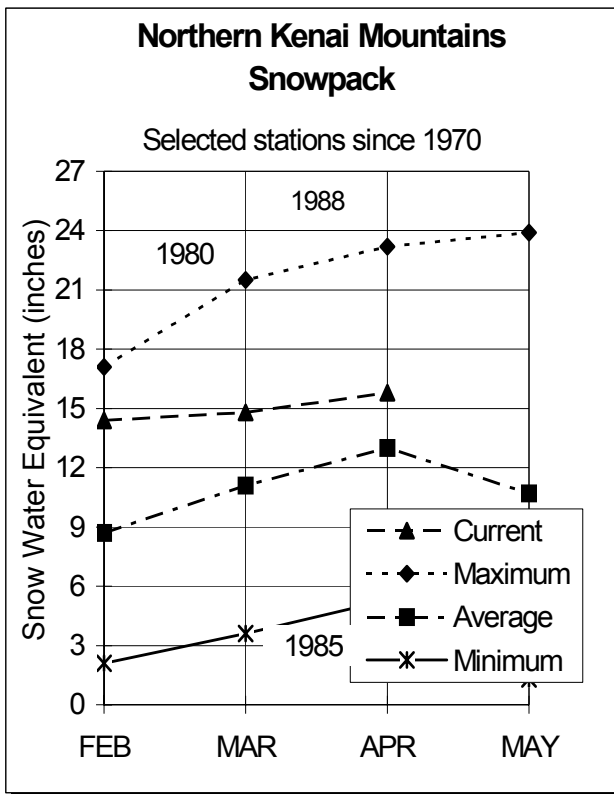
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Anchorage Hillside	2080	3/31/07	13.6	10.5	13.1	104
Indian Pass	2350	3/31/07	22.5	18.0	23.9	94
Moraine	2100	3/31/07	12.3	10.4	9.7	127
Mt. Alyeska	1540	3/24/07	32.5	44.6	43.1	75
Point Mackenzie	200	3/31/07	7.3	5.1	8.1	88

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Beluga	3	62	65
Campbell Creek	3	123	105
Ship Creek	8	108	92
Turnagain Arm	3	109	93

KENAI PENINSULA*



Current Basin Conditions

At the head of Kachemak Bay are the Bradley Lake SNOTEL sites. Nuka Glacier has a depth of 58 inches and a water content of 24.5 inches, 62% of normal. Kachemak Creek has 32 inches of snow depth with 10.6 inches of water content. Middle Fork Bradley has 50 inches of snow depth and the precipitation gauge has caught 29.4 inches since October 1st, 2006.

The Northern Kenai Mountains vary from 79% of average at Turnagain Pass (29.4 inches of water content) to 150% of average at Jean Lake (6.0 inches of water content).

The low elevation snow courses are much above average while the higher elevation snow courses may be above or below average.

On the rim above Homer, the Anchor River Divide SNOTEL site has 38 inches of snow and 9.8 inches of water content, 70% of normal. The Snowmelt Runoff Index for the Anchor River near Anchor Point is -2.3, much below average.

* 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	Sow Depth	Water Content	Snow Depth	Water Content
					(inches)			
Anchor River Divide	1600	4/01/07	38	9.5	41	10.4	46	13.9
Bertha Creek	950	3/30/07	63	21.6	50	14.3	57	17.6
Bridge Creek	1300	4/01/07	28	8.4	51	14.7	44	12.9
Cooper Lake	1200	4/01/07	42	15.6	40	12.5	50	15.0
Demonstration Forest	780	4/01/07	25	8.0	30	8.7	32	9.5
Eagle Lake	1400	4/01/07	31	10.2	42	11.7	42	12.7
Grandview	1100	3/31/07	94	32.0	95	30.1	41	27.8
Grouse Creek Divide	700	4/01/07	50	17.6	36	10.8	24	18.4
Jean Lake	620	4/02/07	20	6.0	10	3.1	15	4.0
Kachemak Creek	1660	3/31/07	32	10.6	41	16.2	---	---
Kenai Moose Pens	300	3/31/07	19	4.0	16	4.8	15	4.1
Kenai Summit	1390	3/30/07	48	16.3	48	13.9	29	14.3
McNeil Canyon	1320	3/31/07	29	10.3	34	9.7	41	11.7
Moose Pass	700	3/30/07	28	9.4	17	6.3	21	7.1
Nuka Glacier	1250	3/29/07	58	24.5	48	22.3	95	39.5
Pass Creek	1200	3/30/07	37	9.9	32	9.0	32	8.6
Port Graham	300	4/01/07	45	12.7	38	10.8	---	---
Resurrection Pass	2250	3/31/07	36	10.2	37	10.0	38	10.9
Snug Harbor Road	500	4/02/07	24	7.8	12	4.0	18	15.1
Summit Creek	1400	3/31/07	39	11.1	37	9.8	43	11.7
Turnagain Pass	1880	4/01/07	88	29.4	104	36.4	106	34.9

STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Kenai River at Cooper Landing	Apr-Jul	925	965	104	1130	815

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

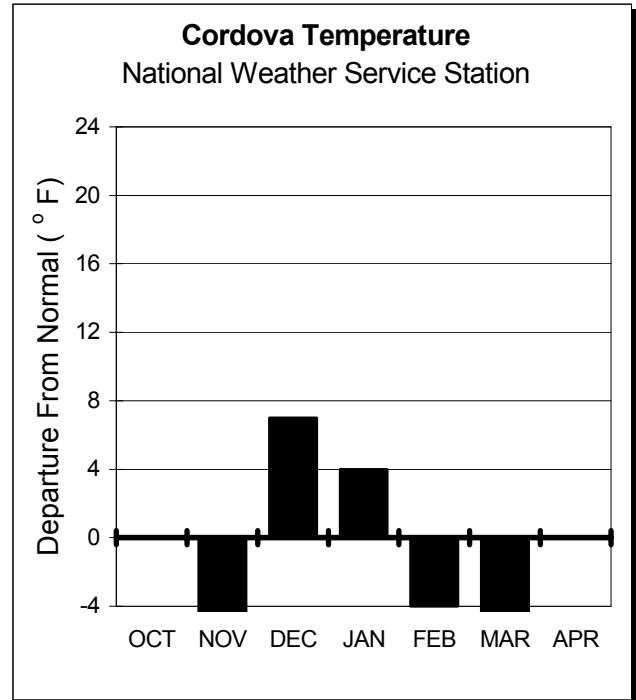
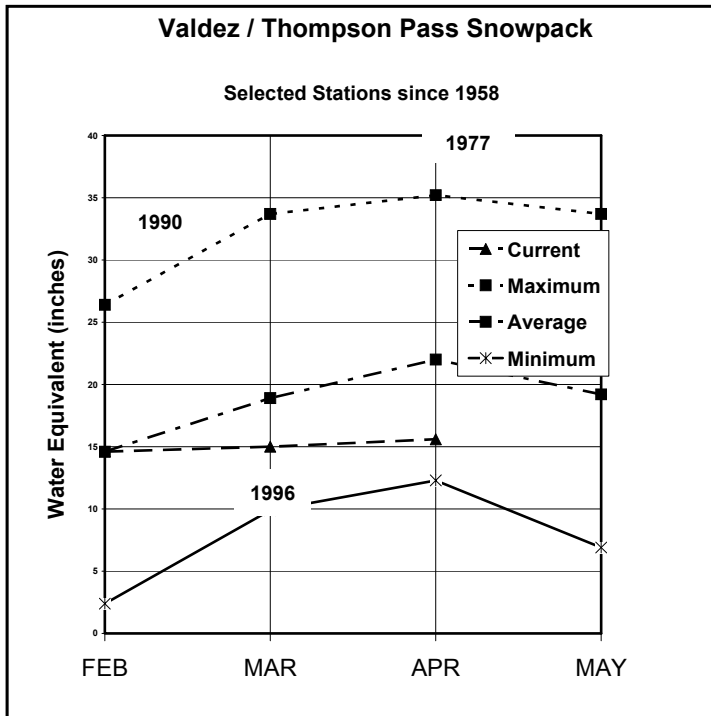
Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Anchor River Divide	1600	3/31/07	12.6	15.5	18.5	68
Cooper Lake	1200	3/31/07	22.7	18.8	23.4	97
Grandview	1100	3/31/07	38.4	43.7	37.0	104
Grouse Creek Divide	700	3/31/07	33.5	30.8	35.5	94
Kachemak Creek	1660	3/29/07	38.8	37.2	---	---
Kenai Moose Pens	300	3/31/07	6.0	6.3	8.2	73
McNeil Canyon	1320	3/31/07	11.0	13.6	15.6	70
Middle Fork Bradley**	2300	3/29/07	29.4	27.4	34.3	86
Nuka Glacier**	1250	3/31/07	47.0	47.5	53.1	88
Port Graham	300	3/31/07	38.4	41.7	---	---
Summit Creek	1400	3/31/07	18.0	11.7	16.2	111
Turnagain Pass	1880	3/31/07	33.3	36.9	39.8	84

**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	95	63
Ninilchik Dome	5	84	79
Northern Kenai Mountains	13	121	106
Northern Kenai Flats	1	100	98

WESTERN GULF*



Current Basin Conditions

The four Valdez area snow courses are 72% of normal, collectively. They vary from 66% of normal at Valdez to 75% of normal at Sugarloaf Mountain.

The Mt. Eyak SNOTEL site above Cordova has 79 inches of snow and 26.0 inches of water content. This is 168% of last year at this time and probably less than normal. The precipitation gauge has caught 65.8 inches of water since October 1st.

* 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	Sow Depth	Water Content	Snow Depth	Water Content
						(inches)		
Exit Glacier	400	4/02/07	53	19.4	34	10.9	57	15.9
Grouse Creek Divide	700	4/01/07	50	17.6	36	10.8	57	18.4
Lowe River	600	3/29/07	40	12.2	47	14.6	54	17.1
Mt. Eyak	1405	4/01/07	79	26.0	47	15.5	---	---
Nuka Glacier	1250	3/29/07	58	24.5	48	22.3	95	39.5
Sugarloaf Mountain	550	3/28/07	62	20.9	72	26.5	87	28.0
Tsaina River	1650	3/29/07	47	14.3	61	17.6	57	17.6
Upper Tsaina River	1750	4/01/07	56	18.3	66	19.6	---	---
Valdez	50	3/29/07	39	11.8	46	15.2	54	17.8
Worthington Glacier	2100	3/29/07	54	18.0	74	23.6	72	24.9

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Esther Island	50	3/31/07	65.1	86.5	---	---
Grouse Creek Divide	700	3/31/07	33.5	30.8	35.5	94
Mt. Eyak	1405	3/31/07	65.8	69.9	---	---
Nuka Glacier**	1250	3/31/07	47.0	47.5	53.1	88
Port San Juan	50	3/31/07	69.6	78.5	---	---
Seal Island	30	3/31/07	34.1	75.1	---	---
Solomon Gulch*	30	3/31/07	34.2	37.2	40.7	84
Strawberry Reef	50	3/31/07	45.0	New	---	---
Sugarloaf Mountain	550	3/28/07	39.4	40.8	42.4	93
Tatitlek	50	3/31/07	37.8	44.4	---	---
Upper Tsaina River	1750	3/31/07	18.4	26.7	---	---

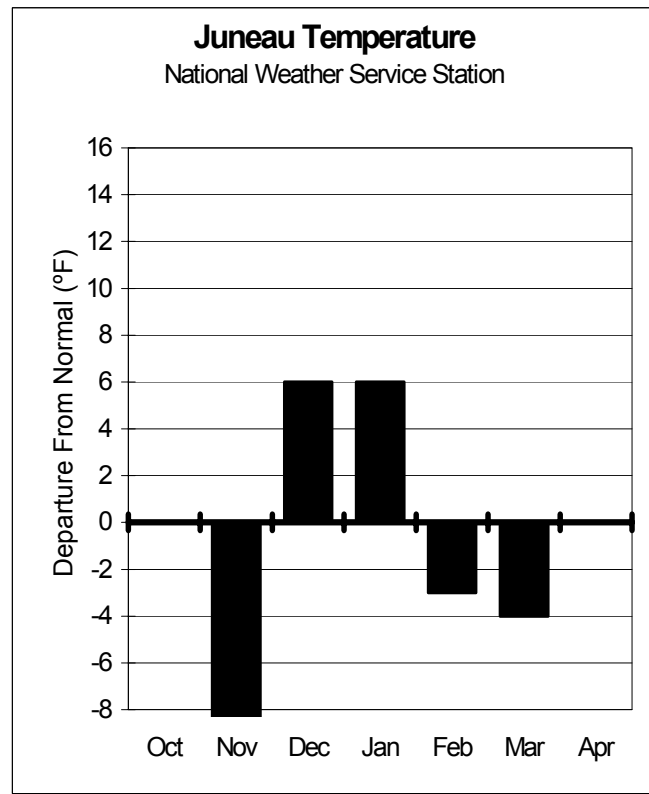
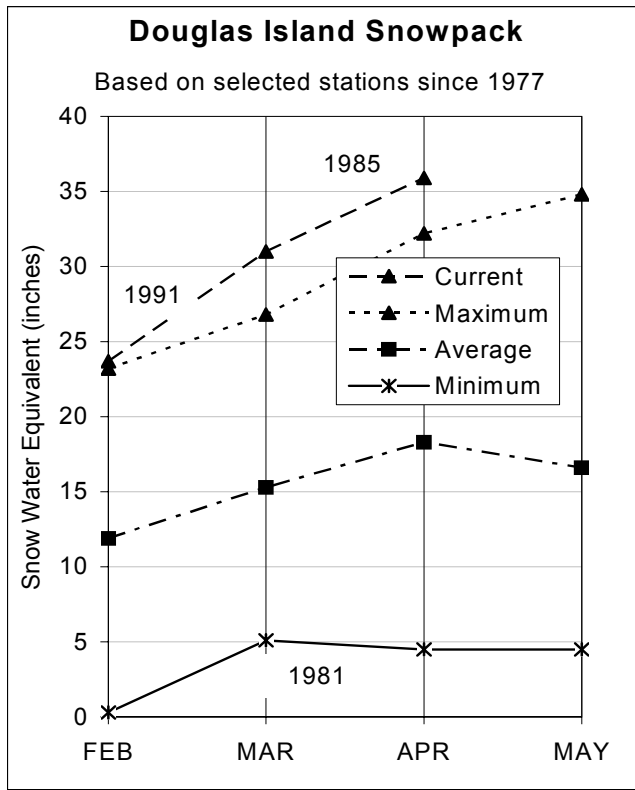
**Wyoming shielded gauge

*Copper Valley Electric Association

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Lowe River (Valdez)	4	93	71

SOUTHEAST*



Snowcover:

Southeast Alaska continues its record high water contents with ten snow courses setting new records for April 1st. Petersburg Ridge shattered the old record again this month. The 168 inches of snow depth (14 feet) and 58.8 inches of water content at Petersburg Ridge tops the previous record of 100 inches of snow depth and 40.0 snow water content set in 1991. Petersburg Reservoir also has a new record high with 71 inches of snow and 25.0 inches of snow water content; the previous high (51 inches of snow and 18.2 inches of swe) was set in 1991. All 3 snow courses on Douglas Island measured record highs since the record began in 1977; the previous record high for these sites was also set in 1991.

Long Lake SNOTEL site is 240% of last year and 149% of average. This year tops the years 1972-1975 with 165 inches of snow depth and 58.8 inches of water content. Speel River is 2nd highest on record with 128 inches of snow and 53.3 inches of snow water content; the previous record was set in 1976 at 115 inches snow with 55.2 inches of water content.

The four Swan Lake snow courses near Ketchikan also have record high measurements. Lake Grace Pass snow course has 252 inches (21 feet) of snow with an estimated 95.8 inches of water content. These snow course records began in 1994.

The lowest elevation site at 425 feet, Lost Lake has 97 inches of snow depth with 33.5 inches of water content.

The extraordinary depth of the snowpack in Southeast made it extremely difficult to get snow measurements at these sites.

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

Southeast

SNOWPACK DATA

SNOW COURSE	ELEV.	DATE	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT
Cropley Lake	1650	3/30/07	147	48.4	47	15.0	81	30.3
Eagle Crest	1200	3/30/07	121	39.7	35	10.6	54	18.5
Fish Creek	500	3/30/07	60	19.7	4	1.6	19	6.2
Lake Grace Pass	1900	3/29/07	252	95.8	82	29.3	---	---
Long Lake	850	3/31/07	165	64.6	76	26.9	110	44.1
Lost Lake	425	3/29/07	97	33.5	20	7.0	---	---
Mint Creek Ridge	1900	3/29/07	200	76.0	81	28.7	---	---
Moore Creek Bridge	2250	4/02/07	75	26.4	33	9.2	73	20.0
Petersburg Reservoir	550	4/02/07	71	25.0	22	7.4	15	6.2
Petersburg Ridge	1650	4/30/07	168	58.8	61	19.4	71	26.4
Speel River	280	3/31/07	128	53.3	55	18.8	78	31.1
Upper Swan Lake	1700	3/29/07	130	48.5	52	18.8	---	---

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Gold Creek near Juneau	Apr- Jul	33	44.0	133	53.0	36.0

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Long Lake	850	3/31/07	96.5	109.1	96.4	100
Moore Creek Bridge	2250	3/31/07	31.0	31.8	24.3	128
Snettisham	25	3/31/07	112.7	105.2	106.8	105
Swan Lake	50	3/31/07	114.6	109.8	88.2	130

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Douglas Island	3	396	196
Long Lake	2	258	158
Petersburg	2	313	257
Swan Lake	4	303	243

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***

NRCS Anchorage Support Staff

510 L Street, Suite 270

Anchorage, Alaska 99501-1949

Telephone (907) 271-2424, Extension 113;

Facsimile (907) 271-3951; or e-mail: *Richard.McClure@ak.usda.gov*

Copper Center Field Office

Catherine Hadley, Acting District Conservationist

Telephone: (907) 822-4484

Facsimile: (907) 822-4489

e-mail: *Catherine.Hadley@ak.usda.gov*

Delta Junction Field Office

Catherine Hadley, District Conservationist

Telephone (907) 895-4241 x 103

Facsimile: (907) 895-5003

e-mail: *Catherine.Hadley@ak.usda.gov*

Fairbanks Field Office

Joanne Kuykendall, District Conservationist

Telephone (907) 479-3159 x 110

Facsimile: (907) 479-6998

e-mail: *Joanne.Kuykendall@ak.usda.gov*

Homer Field Office

Mark Kinney, District Conservationist

Telephone (907) 235-8177 x 103

Facsimile: (907) 235-2364

e-mail: *Mark.Kinney@ak.usda.gov*

Mat-Su Field Office

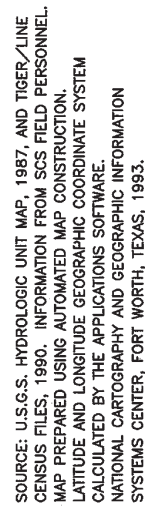
Casey Sheley, District Conservationist

Telephone (907) 373-6492 x 101

Facsimile: (907) 373-7192

e-mail: *Casey.Sheley@ak.usda.gov*

HYDROLOGIC BASINS ALASKA





510 L Street, Suite 270
Anchorage, Alaska 99501-1949



Alaska Snow Survey Report

Natural Resources Conservation Service
Anchorage, AK

