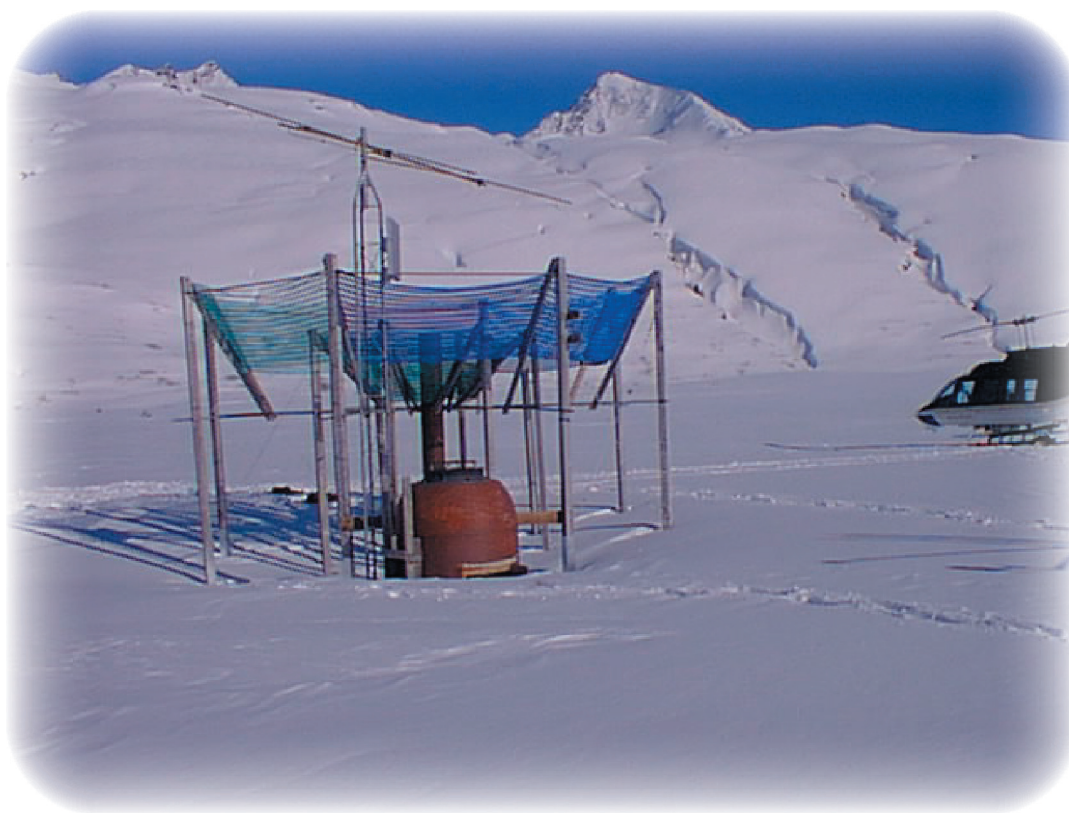


United States Department of Agriculture



ALASKA SNOW SURVEY REPORT



March 1, 2007

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GENERAL OVERVIEW

Snowpack

Extreme variations in snowpack levels exist across Alaska as of March 1st, 2007. Five sites have set new record high snow water contents and five sites have set new record low snow water contents. All five record highs are for snow courses located in Southeast Alaska. The snowpack at Petersburg Ridge snow course is 142 inches deep (2 inches shy of 12 feet) and holds 52.8 inches of water content, which shatters the old record of 95 inches of snow depth and 34.7 snow water content set in 1985. Petersburg Reservoir also has a new record high with 50 inches of snow depth and 15.1 inches of snow water content. The previous high was 38 inches of snow depth and 14.0 inches of snow water content set in 1991. All 3 snow courses on Douglas Island measured record highs on March 1st for the period of record beginning in 1977, with the previous record high occurring in 1991 as well. Long Lake SNOTEL site is 188% of last year and 141% of average. This year is similar to the years 1972-1975 where the snow depths ranged from 128-160 inches and the snow water contents ranged from 45.1 to 48.5 inches. The record high for Long Lake was set in 1967 when the snowpack was 168 inches deep with 56.4 inches of water content; the period of record began in 1965.

The record low snow course measurements are at Chistochina and Mentasta Pass in the northern Copper Basin, Blueberry Hill in the Upper Susitna Basin, and Bonanza Forks and Disaster Creek in the headwaters of the Koyukuk Basin. Chistochina only has 10 inches of snow and 1.4 inches of water content; the previous low was in 1987 with 11 inches of snow depth and 1.4 inches of water content. Mentasta Pass beat the previous record low set in 1969 (13 inches depth, 2.0 inches of water content) with this month's measurement of 10 inches of snow depth and 1.5 inches of water content. The Blueberry Hill snow course at Mile 151 of the Parks Highway is 48% of normal water content, this ties the record low set in 2002 with 6.6 inches of water content. The two additional record lows are along the Dalton Highway; Bonanza Forks water content is only 2.4 inches (47% of normal) and breaks the previous low of 3.1 inches set in 1999. At Disaster Creek snow course, about 60 miles north of Coldfoot, the water content is 42% of normal, 13 inches of depth and 1.5 inches of snow water content. The previous record low was set in 1979 with 18 inches of snow depth and 2.0 inches of water content.

Precipitation

The largest part of the state, South Central and north to Barrow, received very little (if any) precipitation for the month of February. The exceptions were Bethel in the west and areas along the Gulf of Alaska Coast continuing into Southeast, these were the only areas of the state to receive any precipitation more than a tenth or two in February. Bethel received 0.7 inches, 167% of normal, Juneau received 3.02 inches, 80% of normal. Annette, in Southeast received 7.86 inches of precipitation, 89% of normal.

Nuka Glacier SNOTEL site, near Bradley Lake east of Homer, received 2.5 inches of precipitation. Port San Juan, near Chenega Bay in Prince William Sound, received 1.5 inches bringing the total to 65.9 inches since October 1st.

Temperature

The temperatures varied from above normal (+9 deg F) at Bethel and Bettles to below normal along the coast and in Southeast at Juneau (-3 deg F). McGrath, Anchorage and Homer were right at average for the month. For most of the state, the first 10 days were above normal, especially the first two days, and the last 10 days were colder than normal.

STREAMFLOW

Streamflow forecasts of snowmelt runoff are as follows:

FORECAST POINT*	Percent of Ave. Flow	Period
Yukon River at Eagle	98	April - July
Yukon River near Stevens Village	92	April - July
Tanana River at Fairbanks	96	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.....	93	April - July
Kuparuk River near Deadhorse	87	April - July
Kuskokwim River at Crooked Creek	95	April - June
Gulkana River at Sourdough	81	April - July
Little Susitna River near Palmer	78	April - July
Talkeetna River near Talkeetna.....	83	April - July
Ship Creek near Anchorage	79	April - July
Kenai River at Cooper Landing.....	106	April - July
Gold Creek near Juneau	127	April - July

SNOWMELT RUNOFF INDEX (SRI)

For streams that no longer have stream gauging stations.

FORECAST POINT	INDEX	Index	Key:
Koyukuk River at Hughes.....	-2.8	-2 to -3	much below average snowmelt runoff
Beaver Creek above Victoria Creek.....	-3.0		
Birch Creek below South Fork	-2.5		
Caribou Creek at Chatanika.....	-2.0	-1 to -2	below average snowmelt runoff
Susitna River near Gold Creek	-1.8		
Chulitna River near Talkeetna.....	-3.0		
Deshka River at mouth near Willow	-2.7	-1 to +1	average snowmelt runoff
Montana Creek at Parks Highway.....	-2.4		
Willow Creek near Willow.....	-2.0		
Skwentna River at Skwentna	-2.6	+1 to +2	above average snowmelt runoff
Chuitna River near Tyonek	-2.6		
Campbell Creek near Spenard.....	-1.6		
Indian Creek at Indian	-2.9	+2 to +3	much above average snowmelt runoff
Bird Creek at Bird Creek	-2.9		
Six Mile Creek near Hope	+1.1		
Anchor River near Anchor Point.....	-2.5		
Deep Creek near Ninilchik	-1.8		
Ninilchik River near Ninilchik.....	-1.5		
Fritz Creek near Homer.....	-1.4		
Skagway River at Skagway.....	+1.7		

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

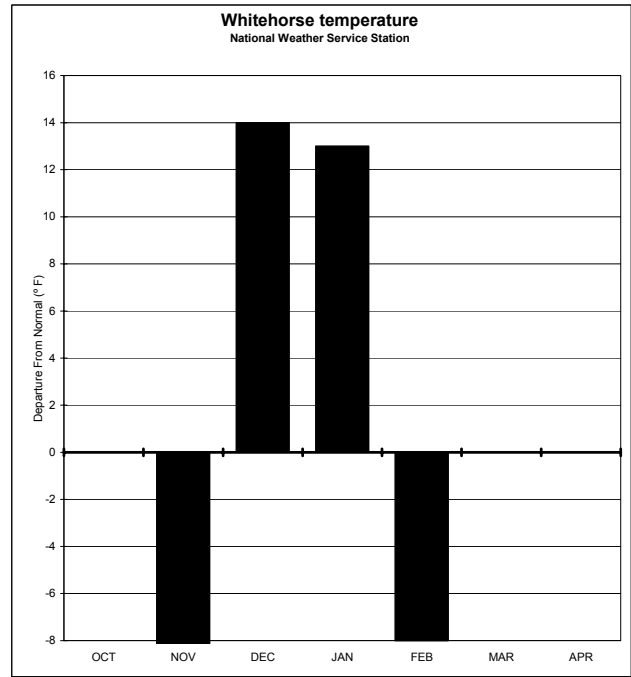
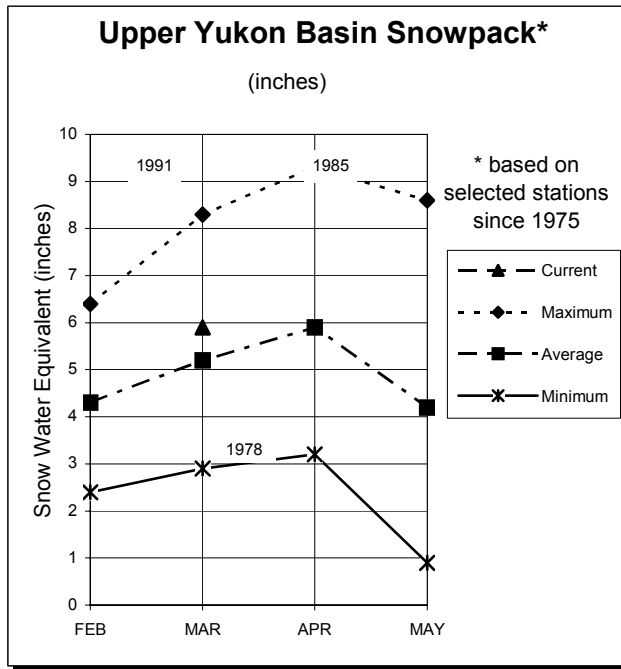
HOW FORECASTS ARE MADE

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 snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

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

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

UPPER YUKON BASIN*



Snow Course:

The snow course water contents vary across the Yukon Basin from 72% of normal at Beaver Creek to 159% of normal at Atlin. In the northern part of the basin, water contents are generally below average, whereas in the southern part of the basin, water contents are above average. Log Cabin snow course, north of Skagway is 123% of normal with 57 inches of snow and 15.8 inches of water content.

The Yukon Basin above Whitehorse/Teslin is 131% of normal. The Dawson and Stewart/Pelly areas are both 90% of normal and the White River is 99% of normal snow water content.

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

Upper Yukon Basin

SNOW COURSE	ELEV.	DATE	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT
Arrowhead Lake	3680	No Survey			---	---	32	6.6
Atlin	2400	3/02/07	33	7.0	12	2.9	21	4.4
Beaver Creek	2150	2/27/07	15	2.1	15	2.0	17	2.9
Burns Lake	3650	No Survey			31	6.2	33	7.4
Burwash Airstrip	2660	2/27/07	10	1.8	4	0.6	10	1.6
Calumet	4300	No Survey			34	7.7	33	6.7
Casino Creek	3500	3/06/07	22	3.7	24	3.5	24	4.0
Chair Mountain	3500	2/27/07	20	3.0	15	2.0	19	3.3
Duke River	4800	2/26/07	19	3.3	17	3.0	21	3.7
Edwards Lake	2720	3/06/07	27	5.3	23	3.9	29	5.9
Finlayson Airstrip	3240	2/28/07	20	303	15	2.1	26	4.5
Fuller Lake	3700	2/27/07	29	6.3	23	4.4	29	6.0
Grizzly Creek	4000	2/27/07	27	5.6	31	6.8	22	4.1
Hoole River	3560	3/06/07	32	5.7	16	2.8	23	4.6
Jordan Lake	3050	3/06/07	31	6.5	18	3.1	24	4.7
King Solomon Dome	3550	2/27/07	24	5.4	30	6.5	29	5.9
Log Cabin (B.C.)	2880	3/01/07	57	15.8	42	11.3	47	12.8
Mayo Airport	1620	3/06/07	21	3.8	20	3.6	18	3.1
MacIntosh	3800	3/06/07	22	3.6	16	2.4	19	3.6
Meadow Creek	4050	3/03/07	50	12.5	31	6.3	38	9.0
Midnight Dome	2800	2/28/07	20	4.5	25	4.7	27	5.3
Montana Mountain	3340	2/28/07	29	6.5	17	3.5	24	5.1
Morley Lake	2700	2/23/07	28	6.2	18	3.9	24	5.3
Mount Nansen	3250	3/06/07	16	2.3	15	2.2	16	2.6
Mt. Berdoe	3390	3/05/07	22	4.6	18	3.2	21	3.7
Mt. McIntyre B	3700	3/02/07	31	6.3	20	3.3	26	5.2
Pelly Farm	1550	3/02/07	14	2.6	13	2.8	17	3.0
Plata Airstrip	2500	2/27/07	27	5.4	26	4.6	30	6.4
Rackla Lake	3410	3/06/07	28	5.1	31	6.3	33	7.0
Russell Lake	3480	2/27/07	33	7.0	32	6.8	36	7.0
Satasha Lake	3620	3/06/07	23	3.9	16	2.8	21	3.8
Tagish	3540	2/27/07	34	7.3	16	3.5	24	4.8
Twin Creeks	2950	2/27/07	31	6.0	28	5.2	31	6.6
White River	2500	No Survey			---	---	15	2.4
Whitehorse Airport	2300	3/05/07	25	5.0	11	1.7	18	3.5
Williams Creek	2800	3/06/07	18	2.8	16	2.8	18	3.0
Withers Lake	3200	3/06/07	31	6.7	37	8.6	36	8.2

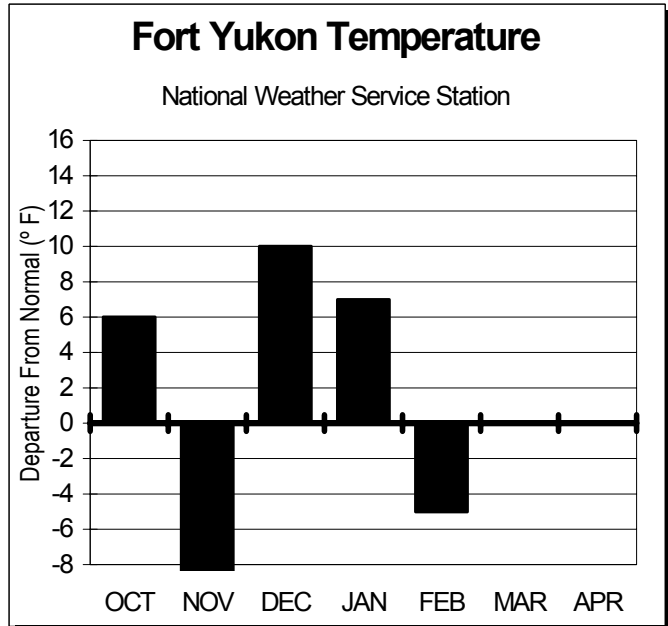
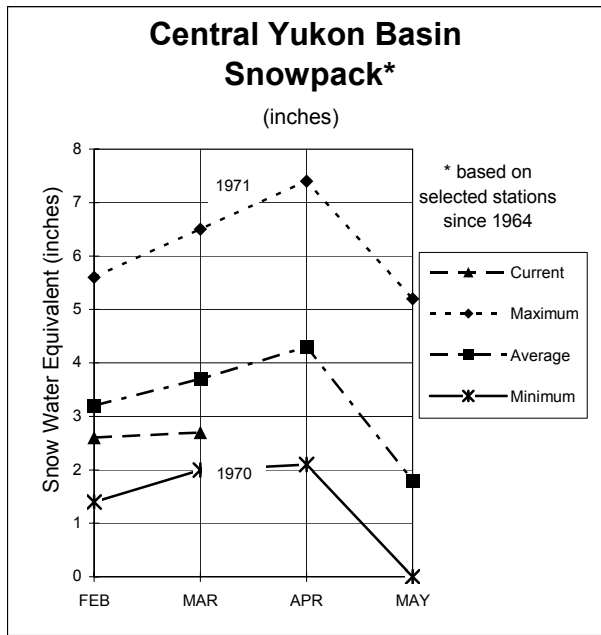
STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Yukon River At Eagle	Apr- Jul	34200	33650	98	28730	34200

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Above Whitehorse/ Tetlin	10	179	131
Dawson	3	86	90
Stewart/ Pelly	11	112	90
White River	9	130	99

CENTRAL YUKON BASIN*



Snowcover:

The White Mountains, on the south side of the large Yukon Basin, are opposite of last year at 56% of normal snow water content. The Fort Yukon snow course is only about 53% of normal and the Mission Creek snow course water content is 92% of normal with 3.3 inches of water content.

In the Porcupine River basin in the Yukon Territories, the 4 snow courses measured this month are 76% of normal and vary by no more than 3 percent.

The forecasted flow for the Yukon River at Stevens Village is 3,365,000 acre-feet, 98 % of average.

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

Central Yukon Basin

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
Borealis	1330	3/02/07	14	2.3	27	4.6	27	4.4
Boundary	3500	2/27/07	12	2.5	19	4.0	24	4.6
Cathedral Creek	1800	2/27/07	5	1.0	---	---	---	---
Chicken Airstrip	1650	2/27/07	10	1.5	14	2.7	16	2.7
Circle City	600	2/27/07	15	3.0	27	4.8	25	3.9
Circle Hot Springs	860	2/27/07	14	3.0	27	5.1	22	3.7
Coal Creel	1000	2/27/07	16	2.0	---	---	---	---
Copper Creek	2000	2/27/07	4	0.7	---	---	---	---
Crescent Creek	2600	No Survey	---	---	---	---	---	---
Eagle Plains	2570	3/01/07	23	4.4	31	6.2	29	5.9
Eagle River	1200	3/01/07	22	3.5	27	5.0	26	4.5
Fort Yukon	430	2/28/07	14	2.2	21	3.4	19	3.2
Fossil	1400	3/02/07	16	2.4	28	4.6	28	4.5
Graphite Lake	600	No Report	---	---	10	1.6	17	2.8
Hess Creek	1000	3/01/07	18	2.7	31	5.7	25	4.8
Lower Beaver Creek	400	No Report	---	---	32	5.6	---	---
Mission Creek	900	3/01/07	16	3.3	15	3.7	18	3.6
Mt. Fairplay	3100	2/27/07	15	3.0	20	3.9	20	3.8
Old Crow	840	3/02/07	18	3.0	29	5.0	24	3.9
Riff's Ridge	2130	3/01/07	19	3.9	33	6.6	27	5.1
Seven Mile	600	3/01/07	19	3.2	27	5.1	26	4.6
Stack Pup Creek	1620	2/27/07	14	2.4	29	5.2	24	3.7
Step Mountain	2850	No Survey	---	---	---	---	---	---
Tacoma Bluff	1450	No Report	---	---	---	---	---	---
Thirty Mile	1350	3/01/07	21	3.8	26	4.9	35	7.2
Three Fingers	3350	2/27/07	12	1.4	---	---	---	---
Vunzik Lake	500	No Report	---	---	19	3.2	---	---
Upper Nome Creek	2650	2/28/07	16	4.0	---	---	---	---
Windy Gap	1900	3/02/07	16	3.2	30	6.1	29	4.8
Wolf	1200	3/02/07	12	2.0	24	4.1	26	4.1

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Yukon River near Stevens Village	Apr- Jul	48200	44500	92	51570	37600

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1st

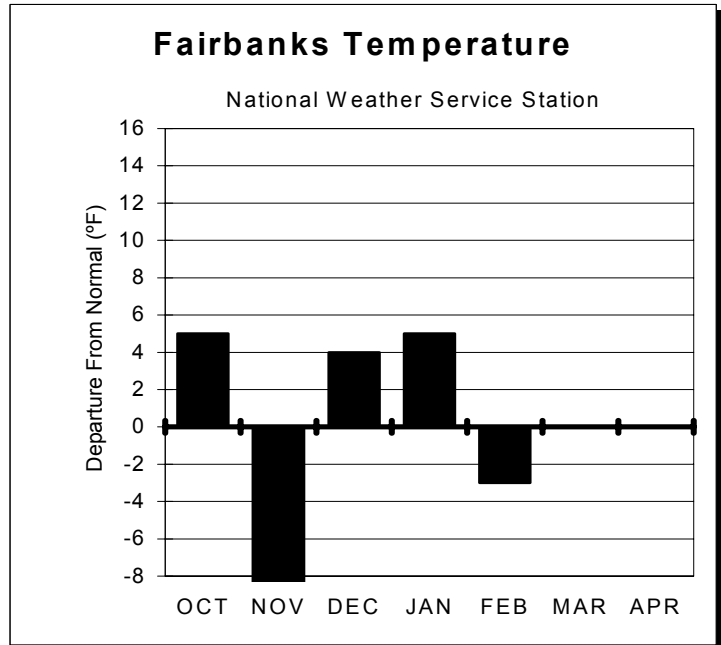
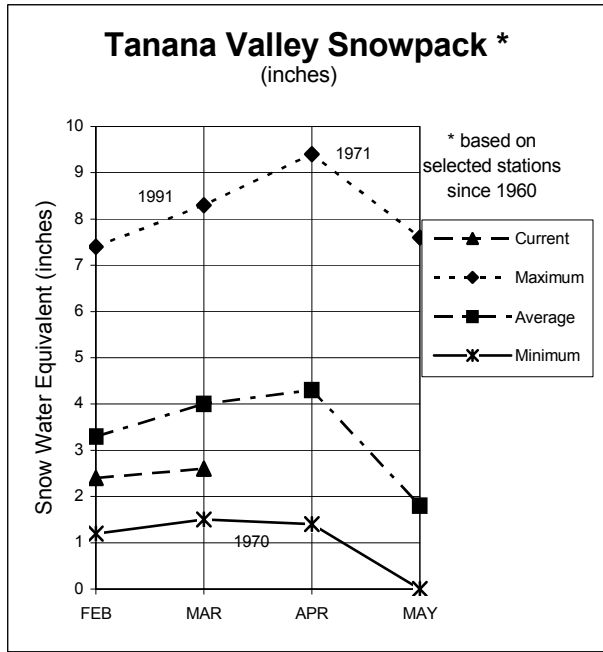
Precipitation Gauge	Elevation	Date	This Year	Last Year	71-2000 Ave	% of Average
Atigun Pass**	4800	2/28/07	4.8	4.4	5.0	96
Chandalar Shelf**	3300	3/01/07	4.4	4.6	4.6	96
Eagle Summit	3650	2/28/07	3.6	5.9	---	---
Fort Yukon	430	2/28/07	2.5	3.0	3.8	66
Mission Creek	900	2/28/07	4.0	5.4	4.6	87
Upper Nome Creek	2650	2/28/07	4.7	New	---	---

**Wyoming Shielded Gauge

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Forty Mile	4	72	70
Porcupine (Y.T.)	4	65	76
White Mountain	6	51	56
Yukon Flats	4	57	70

TANANA BASIN*



Snowcover:

The snow courses in the Upper Tanana basin near Delta Junction are in the 80% of average range. The rest of the Tanana Valley is 50-61% of normal.

Bonanza Creek snow water content is 49% of normal and the Fairbanks FO is 61% of normal water content.

The Chatanika basin snow course water contents are 59% of normal and 55% of last year.

The Chena River near Two Rivers volume flow forecast for the April through July period is 240,000 acre-feet, 89 % of average.

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

Tanana Basin

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
Bonanza Creek	1150	3/02/07	14	2.3	19	2.8	23	4.7
Caribou Creek	1250	1/30/07	13	2.5	28	4.6	24	4.6
Caribou Snow Pillow	900	1/30/07	12	2.2	25	3.6	24	4.5
Chisana	3320	No Survey			12	2.1	---	---
Cleary Summit	2230	2/27/07	18	2.9	34	4.8	29	6.0
Colorado Creek	700	3/06/07	14	2.3	25	3.4	23	4.4
Edgar Creek	2400	3/01/07	33	6.1	27	5.0	27	6.1
Fairbanks FO	450	3/06/07	12	2.5	22	3.2	23	4.1
Faith Creek	1900	2/27/07	16	2.5	29	4.4	27	4.4
Fielding Lake	3000	2/27/07	26	6.6	35	7.7	41	10.2
Fort Greely	1500	2/26/07	15	2.7	13	2.1	18	3.2
French Creek	1800	2/26/07	16	2.7	16	1.9	26	5.9
Gerstle River	1200	2/28/07	15	2.8	13	1.4	19	3.0
Gold King	1700	3/01/07	19	3.5	7	1.2	21	3.9
Granite Creek	1240	2/28/07	14	3.1	13	2.7	19	3.5
Jatahmund Lake	2180	2/27/07	12	1.7	14	1.9	18	2.9
Kantishna	1550	2/28/07	17	2.4	18	3.3	28	5.3
Lake Minchumina	730	2/27/07	15	2.3	24	3.8	21	4.0
Little Chena Ridge	2000	3/01/07	11	1.6	24	4.6	27	5.4
Lost Creek	3030	3/05/07	8	1.0	16	2.1	26	4.8
Mentasta Pass	2430	2/27/07	10	1.5	21	3.6	26	5.8
Monument Creek	1850	3/01/07	16	2.8	27	5.1	24	4.7
Mt. Ryan	2800	3/01/07	20	3.2	32	6.0	30	6.2
Munson Ridge	3100	3/01/07	21	3.3	39	7.3	36	8.3
Paradise Hill	2200	2/28/07	13	2.0	17	2.8	18	3.0
Ptarmigan Airstrip	2400	3/01/07	20	3.6	12	2.3	17	3.1
Ptarmigan Creek	2230	2/27/07	16	2.4	27	4.5	17	3.1
Rock Creek Bottom	2250	2/28/07	14	2.2	20	2.8	22	4.2
Rock Creek Ridge	2600	2/28/07	14	2.0	24	3.1	26	4.9
Shaw Creek Flats	980	2/26/07	14	2.0	12	1.2	17	3.1
Stampede	1800	No Survey			---	---	---	---
Teuchet Creek	1640	3/01/07	14	2.3	26	4.3	23	3.8
Tok Junction	1650	2/28/07	17	3.0	18	2.4	19	3.2
Upper Chena Pillow	2850	No Report			35	6.7	30	6.6
Upper Wood River	2990	3/01/07	18	3.3	21	4.0	27	5.2

*Estimate

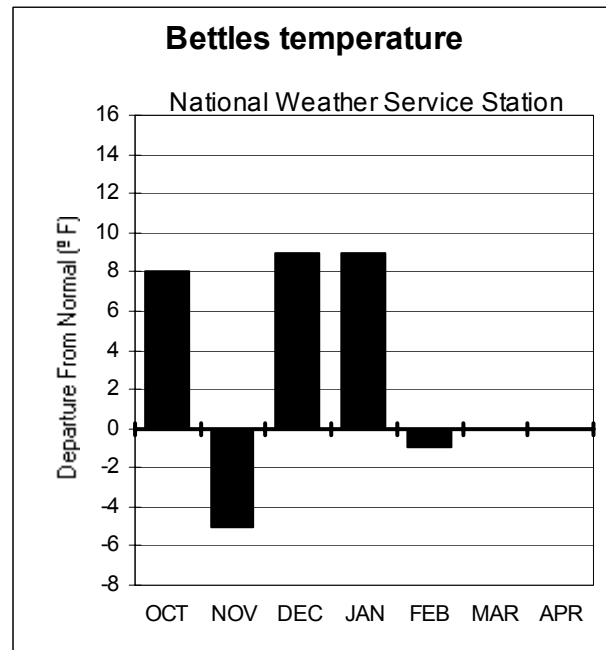
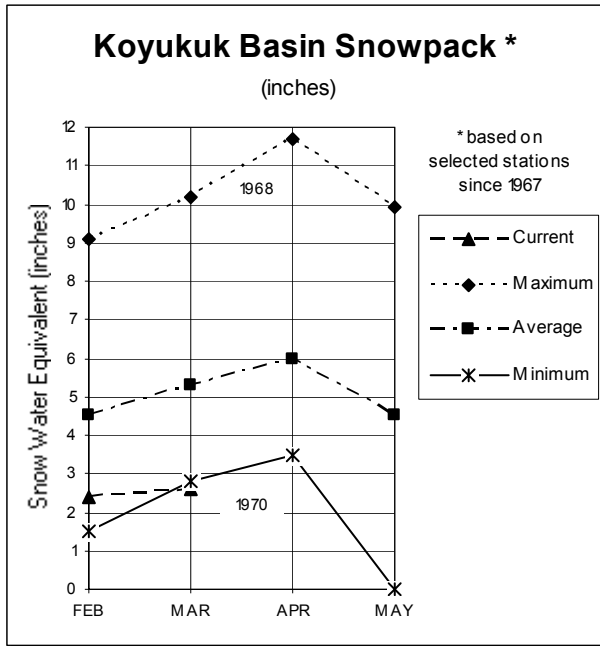
STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Tanana River at Fairbanks	Apr- Jul	7100	6800	96	7810	5890
Little Chena River near Fairbanks	Apr-Jul	78	66	85	94	38
Chena River near Two Rivers	Apr-Jul	270	240	89	350	154
Salcha River near Salchaket	Apr- Jul	625	500	80	710	330
Tanana River at Nenana	Apr- Jul	9000	8270	92	9650	6850

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Chatanika	4	59	53
Chena Basin	8	56	50
Lower Tanana Valley	10	98	61
Mid Tanana Valley (Delta Junction)	6	120	80
Upper Tanana Valley (Tok)	6	76	54

WESTERN INTERIOR BASINS*



SNOWCOVER:

Koyukuk

Two snow courses along the Dalton Highway set record lows for March 1st snow water content; Bonanza Forks snow course water content is 47% of normal with 16 inches of snow depth and 2.4 inches of snow water content. This breaks the previous low of 19 inches of snow depth and 3.1 inches of water content set in 1999. North to Disaster Creek, the snow water content is 42% of normal, 13 inches of depth and 1.5 inches of snow water content, also a new record low. The old record was set in 1979 with 18 inches of snow depth and 2.0 inches of water content.

The Coldfoot snow course is 43% of normal water content and within one tenth of the record low of 2.5 inches set in 1990. To the west in the Kanuti National Wildlife refuge, the snowpack varies from 39% of normal at Minnkokut to 69% at Kanuti Kilolitna.

The Snowmelt Runoff Index for the Koyukuk River at Hughes is -2.8, much below average.

KUSKOKWIM

In the Upper Kuskokwim, the McGrath snow course is 70% of normal snow water content and 83% of last year. The Lake Minchumina snow course is 58% of normal.

LOWER YUKON

The 8 snow courses measured in the Innoko Wildlife Refuge vary slightly from course to course but are 101% of normal water content collectively.

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

Western Interior Basins

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
Koyukuk								
Bettles Field	640	3/01/07	17	3.3	32	5.3	30	6.1
Bonanza Forks	1200	3/01/07	16	2.4	30	5.0	26	5.1
Cloverleaf	170	3/02/07	23	5.2	23	4.0	---	---
Coldfoot	1040	3/01/07	12	2.6	31	5.6	30	6.0
Colville Bend	170	3/02/07	24	5.5	30	4.8	---	---
Disaster Creek	1550	3/02/07	13	1.5	24	3.6	22	3.6
Huggins Creek	290	2/27/07	30	5.7	25	4.3	---	---
JR Slough	160	3/02/07	22	4.6	28	4.8	---	---
Kaldoyeit	750	2/28/07	19	2.6	20	4.0	---	---
Kanuti-Chalatna	670	2/27/07	16	2.2	30	5.6	---	---
Kanuti-Kilolitna	550	2/27/07	20	2.9	26	4.8	---	---
Lake Todatonen	550	No Report			29	5.3	27	5.1
Minnkokut	580	2/28/07	17	2.4	18	3.9	---	---
Nolitna	560	2/27/07	21	3.1	28	5.4	---	---
Table Mountain	2200	3/02/07	15	2.2	25	4.6	23	4.1
Taiholman	540	2/27/07	3	0.6	5	1.5	4	1.3
Treat Island	190	2/27/07	21	4.8	24	4.0	---	---
Kuskokwim								
Lake Minchumina	730	2/27/07	15	2.3	24	3.8	21	4.0
McGrath	340	3/06/07	19	4.0	26	4.8	30	5.7
Purkeypile Mine	2025	No Survey			24	3.9	21	4.2
Telaquana Lake	1550	No Survey			26	4.5	20	4.0
Upper Twin Lakes	2000	No Survey			28	5.8	27	7.0
Lower Yukon								
Deer Creek	190	3/01/07	35	7.5	---	---	---	---
Grouch Creek	220	3/01/07	27	7.2	---	---	40	8.5
Holikachuk	100	3/01/07	34	8.0	33	6.4	36	7.8
Horsefly Creek	180	3/01/07	21	5.3	29	6.0	28	5.7
Innoko Inn	200	No Survey			---	---	---	---
Little Mud River	855	No Survey			---	---	---	---
Lower Nowitna River	205	3/01/07	21	4.3	---	---	---	---
Menotl Creek	380	No Report			---	---	37	8.2
Middle Innoko	150	3/01/07	27	7.2	33	5.7	36	7.4
Nine Mile Island	140	3/03/07	28	5.6	---	---	---	---
Pike Trap Lake	130	3/03/07	14	2.7	---	---	---	---
Squirrel Creek	150	3/03/07	35	7.0	---	---	---	---
Upper Innoko	180	3/01/07	30	7.4	33	6.2	35	7.8
Wapoo Hills	220	3/01/07	33	7.4	33	6.5	32	4.1
Yankee Slough	100	3/01/07	37	8.6	31	5.5	41	9.4
Yetna River	120	3/01/07	20	4.8	30	5.4	28	5.9

*Estimate

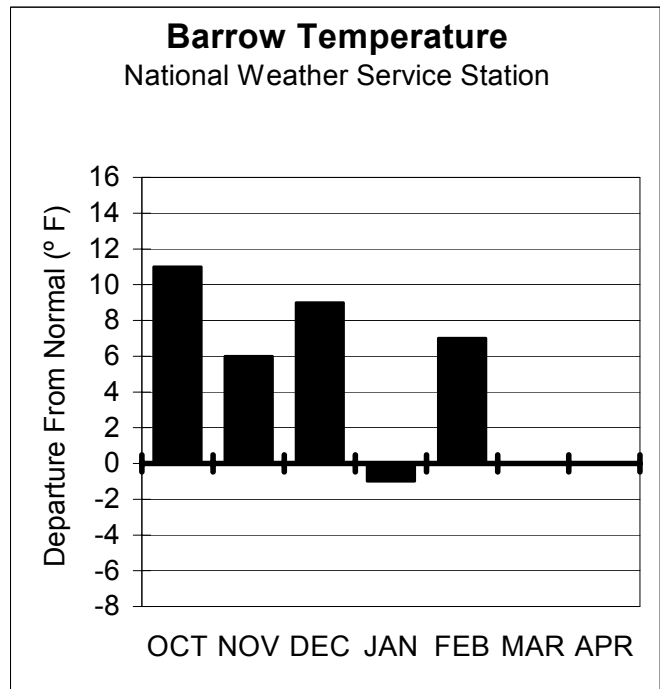
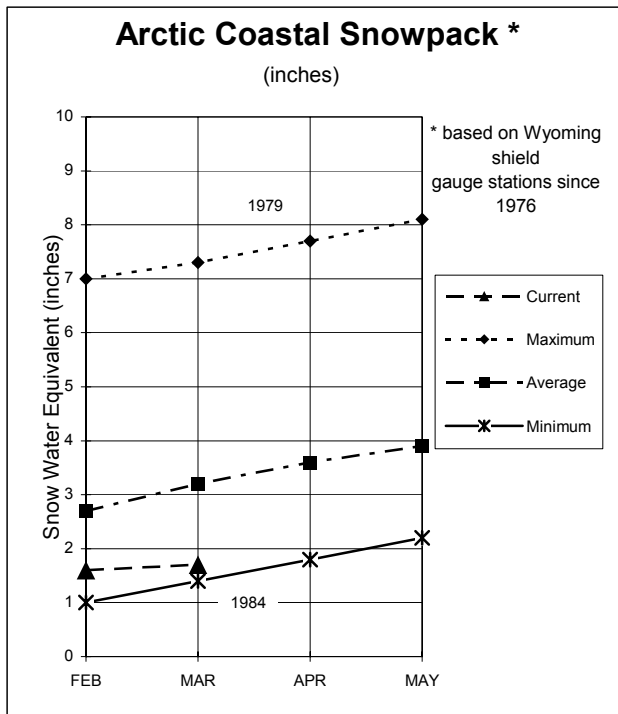
STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Kuskokwim River at Crooked Creek	Apr-Jul	10500	10000	95	13230	9830

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Koyukuk	9	51	52
Upper Kuskokwim	2	73	65
Lower Yukon	8	117	101

ARCTIC AND KOTZEBUE SOUND*



Snowcover:

Arctic

The Barrow Wyoming shielded precipitation gauge has caught 1.6 inches of precipitation since October 1st, 61% of normal.

The Atigun Camp precipitation gauge has received 54% of normal precipitation since October 1st with 1.9 inches and the gauge at Imnaviat Creek, Mile 117.1, has received only 1.0 inch, 29% of normal.

Kotzebue

The Wyoming shielded precipitation gauge at Red Dog Mine has caught 6.1 inches since October 1st, 2006. This is 120% 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	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Arctic						
Atigun Camp	3400	3/01/07	1.9	2.5	3.5	54
Atigun Pass	4800	2/28/07	4.8	4.4	5.0	96
Barrow	25	3/02/07	1.6	2.6	2.6	62
Imnaviat Creek	3050	2/28/07	1.0	1.1	3.4	29
Prudhoe Bay	30	2/19/07	1.6	---	3.4	47
Sagwon	1000	No Report		2.6	3.3	---
Kotzebue Sound						
Red Dog**	950	2/28/07	6.1	2.8	5.1	120

** Wyoming Shielded Gauge

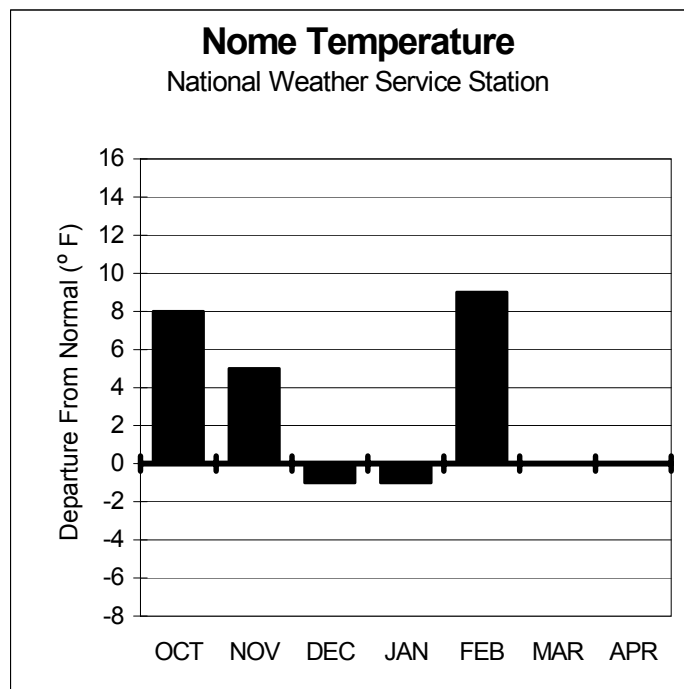
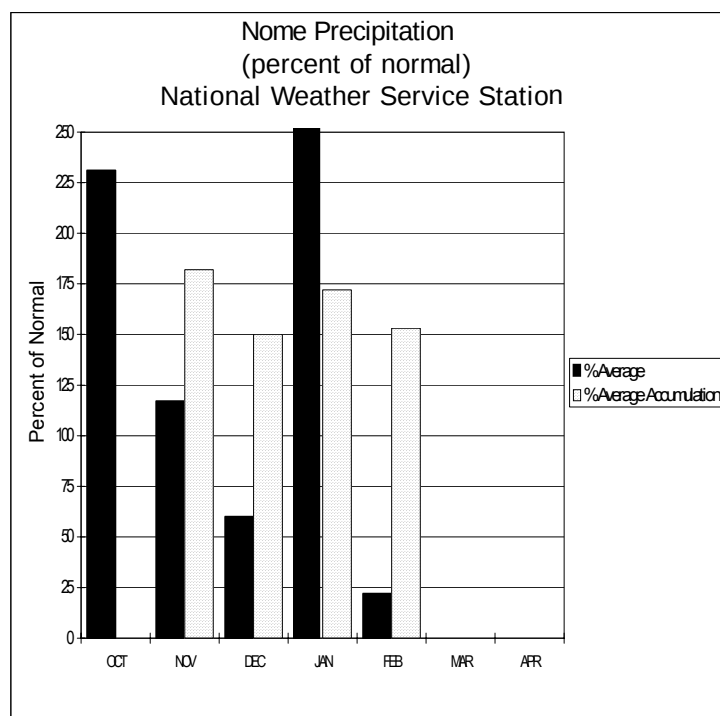
STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Sagvanirktok River near Pump Station 3	Apr-Jul	685	640	93	870	450
Kuparuk River near Deadhorse	Apri-Jul	795	690	87	1030	435

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Arctic Coast	2	62	53
Dalton Highway	3	98	66

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*



Snowcover:

Norton Sound

The western Seward Peninsula received very little snow for the month of February; however it still remains in the 90-110% of normal range. The eastern Seward Peninsula does not appear to have received quite as much snow so far this winter.

The snow at Johnson's Camp was only 2 inches deep on March 1st and Rocky Point was reporting only 1 inch of snow depth. It appears that the winds in the Blow Hole/Soloman have been significant and have blown most of the snow away from these sites.

Southwest Delta/Bristol Bay

Bethel received greater than normal precipitation for the month of February. King Salmon and Dillingham were less than normal. 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

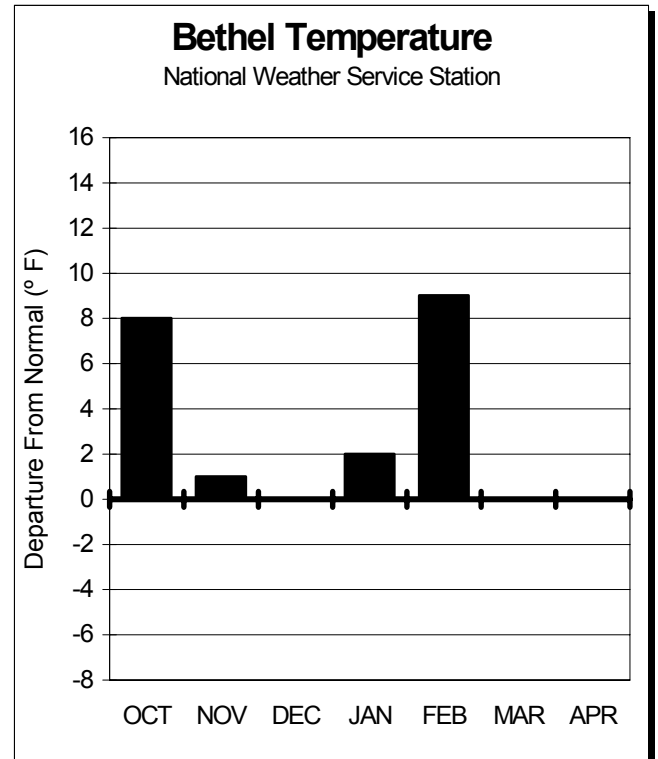
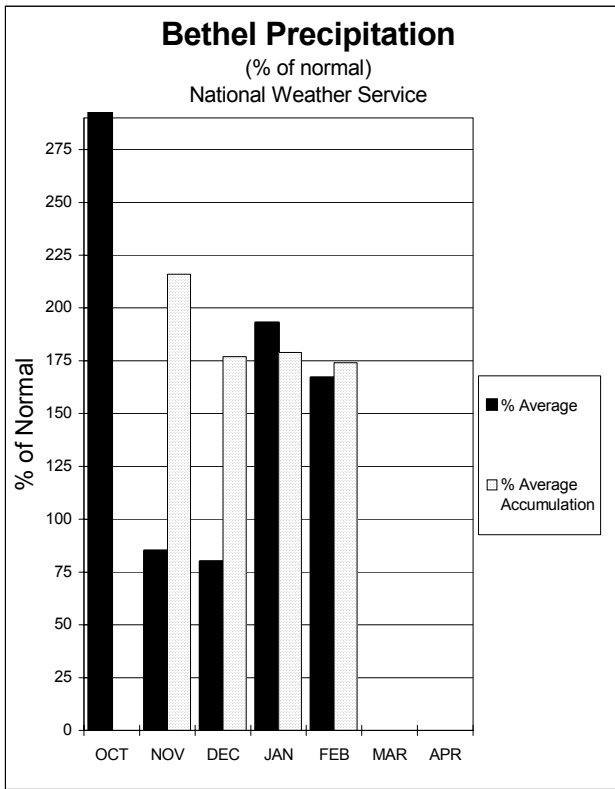
SNOWPACK DATA

SNOW COURSE	ELEV.	DATE	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT
Bristol Bay								
Brooks Camp	150	No Survey					---	---
Fishtrap Lake	1800	No Survey					40	9.7
Port Alsworth	270	No Survey					15	4.2
Three Forks	1300	No Survey					---	---
Upper Twin Lakes	2000	No Survey					27	7.0

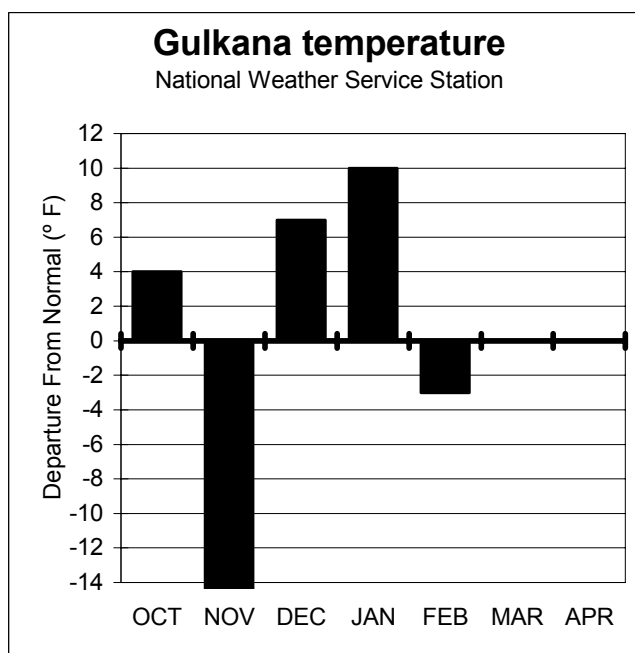
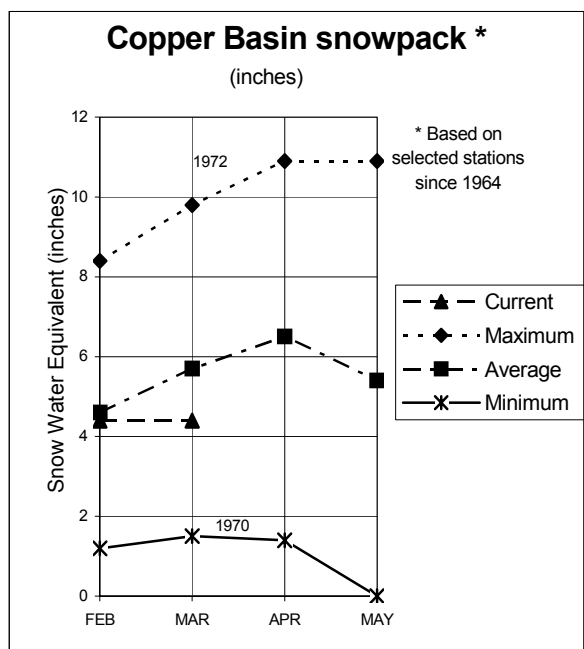
PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation	Date	This Year	Last Year	71-2000 Ave	% of Average
Pargon Creek	100	No Report		4.6	---	---
Rocky Point	500	No Report		2.7	---	---



COPPER BASIN*



Snowcover:

The snow course measurements across the basin have remained essentially unchanged from last month with respect to water content; the snow depth remained the same or decreased a few inches as the snow settled, sublimated and/or was wind-blown.

The 3 snow courses in the Alaska Range average 61% of normal. There are two record low snow water contents in this area; Chistochina snow course has tied the previous low snow water content of 1987 with 10 inches of snow depth and 1.4 inches of snow water content. Mentasta Pass has 10 inches of snow and 1.5 inches of water content, the previous record low was in 1969 with 13 inches of depth and 2.0 inches of water content.

To the south, the Chugach Mountains and Basin Floor are 85% of normal.

The Talkeetna Mountains side of the basin remains above normal water content at an estimated 112%.

The Gulkana River volume flow forecast for the April-July period is 81 % of normal at 385,000 acre-feet of water.

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

Copper Basin

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
Chistochina	1950	2/27/07	10	1.4	20	3.2	22	3.5
Chokosna	1550	3/01/07	16	3.9	6	2.0	---	---
Dadina Lake	2160	No Survey			25	5.4	29	5.1
Haggard Creek	2540	2/27/07	20	3.3	23	4.1	27	5.6
Horsepasture Pass	4300	No Survey			39	7.5	28	5.6
Fielding Lake	3000	2/27/07	26	6.6	35	7.7	41	10.2
Kenny Lake School	1300	2/27/07	17	3.6	16	3.4	18	3.4
Lake Louise	2400	2/26/07	24	4.1	18	2.9	22	4.0
Little Nelchina	2650	2/26/07	24	4.7	24	4.0	24	4.6
Long Glacier	4820	2/28/07	16	3.4	30	7.0	---	---
May Creek	1610	2/28/07	16	3.0	24	5.5	---	---
Mentasta Pass	2430	2/27/07	10	1.5	21	3.6	26	5.8
Monsoon Lake	3100	No Survey			23	4.1	28	5.6
Notch	2643	2/28/07	15	4.1	---	---	---	---
Paxson	2650	2/27/07	26	5.7	30	5.6	31	6.6
Sanford River	2280	No Survey			25	5.3	28	5.4
St. Anne Lake	1990	No survey			23	4.0	25	4.9
Tazlina	1225	2/27/07	16	3.5	14	3.5	20	3.7
Tebay Lake	1930	2/28/07	45	13.9	78	22.0	---	---
Tolsona Creek	2000	2/27/07	22	4.4	17	2.0	22	3.8
Tsaina River	1650	2/28/07	41	12.9	58	15.9	56	15.7
Twin Lakes	2400	No Survey			28	5.4	31	5.9
Upper Tsaina River	1750	2/28/07	47	15.2	63	18.9	---	---
Worthington Glacier	2100	2/28/07	54	18.0	77	22.4	68	21.6

*Estimate

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Upper Tsaina River	1750	2/28/07	27.5	25.9	---	---

STREAMFLOW FORECASTS

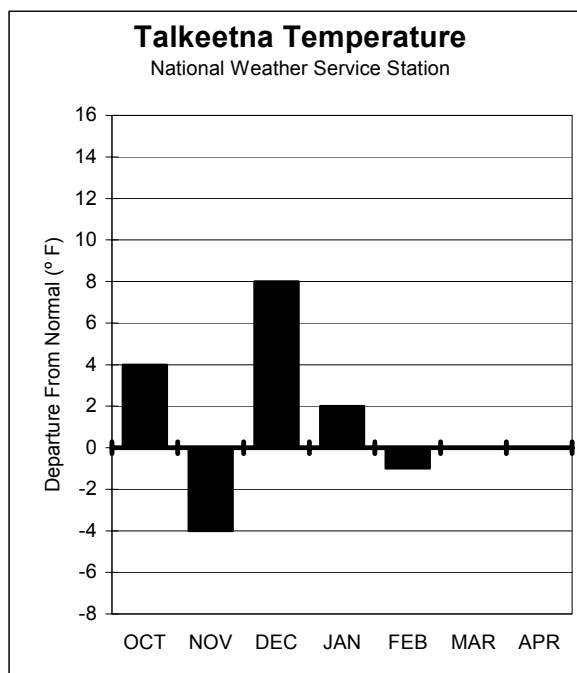
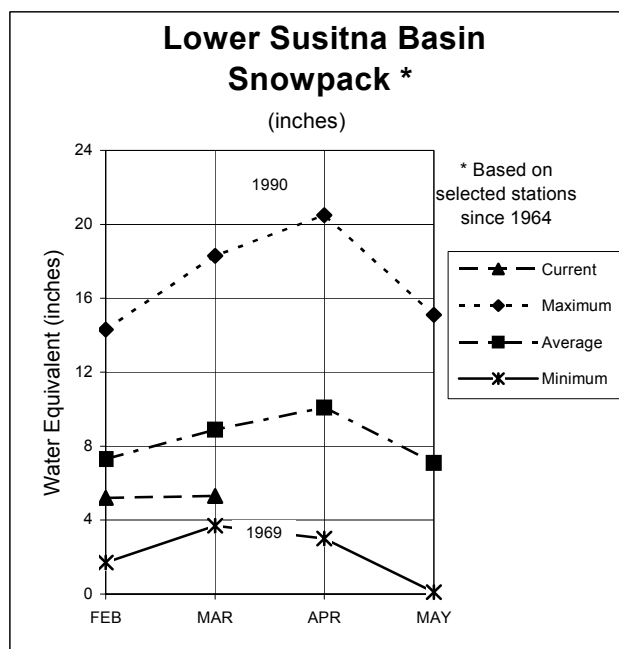
FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Gulkana River at Sourdough	Apr- Jul	475	385	81	540	265

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Alaska Range**	3	82	61
Basin Floor	6	109	85
Chugach Range	4	82	85
Talkeetna Mountains	3	114	112
Wrangell Mountains	2*	90	97

**At the foot of the Alaska Range.

MATANUSKA - SUSITNA BASINS*



Snowcover:

The watershed snowpack analysis for the whole Susitna basin is in the 60-70% of normal range. As of March 1st, Lake Louise snow course located in the upper reaches of the Susitna Basin is the only snow course in the basin that is above normal at 103%.

The Blueberry Hill snow course at Mile 151 of the Parks Highway is 48% of normal, this ties the record low set in 2002 with 6.6 inches of water content. The Talkeetna snow course is also well below average at 43% of normal water content.

The west side snow courses have slightly more water with Chelatna Lake reporting 72% of normal water content, Skwentna is 57% of normal and Alexander Lake is 66% of normal. The Sheep Mountain snow course up the Matanuska River is 89% of normal.

The Little Susitna River basin snowpack is well below average and the forecasted flow for the April through July period is 78 % of normal, 67,000 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	SNOW DEPTH	WATER CONTENT	SNOW DEPTH	WATER CONTENT
Alexander Lake	160	2/27/07	28	7.1	36	8.4	43	10.7
Archangel Road	2200	3/01/07	32	11.5	35	8.6	47	13.5
Bentalit Lodge	150	2/27/07	23	5.4			35	8.0
Blueberry Hill	1200	2/27/07	28	6.6	45	10.6	53	13.8
Chelatna Lake	1450	2/28/07	29	7.2	35	8.0	42	10.0
Clearwater Lake	2650	No Survey			22	3.6	26	5.1
Curtis Lake	2850	No Survey			19	3.4	---	---
Denali View	700	2/27/07	24	6.1	37	8.3	46	11.4
Dunkle Hills	2700	No Survey					---	---
Dutch Hills	3100	2/28/07	51	16.5	57	16.0	76	23.0
E. Fork Chulitna	1800	2/27/07	31	7.8	41	8.7	51	12.7
Eldridge Glacier	3400	No Survey			6	2.0	---	---
Fishhook Basin	3300	3/01/07	40	11.5	39	10.3	58	17.7
Fog Lakes	2120	No Survey			20	3.6	26	5.3
Halfway Slough	350	2/27/07	17	3.7	19	3.6	---	---
Independence Mine	3550	3/01/07	47	14.0	47	13.0	68	21.2
Lake Louise	2400	2/26/07	24	4.1	18	2.9	22	4.0
Little Susitna	1700	3/01/07	30	6.8	32	7.6	42	11.6
Monahan Flat	2710	No Survey			26	4.8	34	7.4
Moose Creek Ranch	450	2/28/07	17	3.9	11	2.4	---	---
Nugget Bench	2010	2/28/07	33	8.5	43	9.8	51	12.9
Ramsdyke Creek	2220	2/28/07	51	14.6	48	13.0	66	18.9
Sheep Mountain	2900	2/26/07	24	4.8	24	4.0	26	5.4
Skwentna	160	2/27/07	25	6.0	34	7.8	43	10.5
Square Lake	2950	No Survey			18	3.1	22	3.8
Susitna Valley High	375	2/28/07	27	6.0	22	7.2	39	8.3
Talkeetna	350	2/28/07	16	3.3	24	4.5	32	7.6
Tokositna Valley	850	2/28/07	33	8.7	55	13.0	67	15.7
Tyone River	2500	No Survey			20	3.2	23	4.4
Upper Sanona Creek	3100	No Survey			27	4.8	29	5.2
West Fork Yentna	950	No Survey					---	---
Willow Airstrip	200	2/28/07	23	4.9	22	3.9	30	6.9

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Little Susitna River near Palmer	Arp-Jul	86	67	78	90	48
Talkeetna River near Talkeetna	Apr-Jull	1630	1350	83	1610	1140

PRECIPITATION DATA

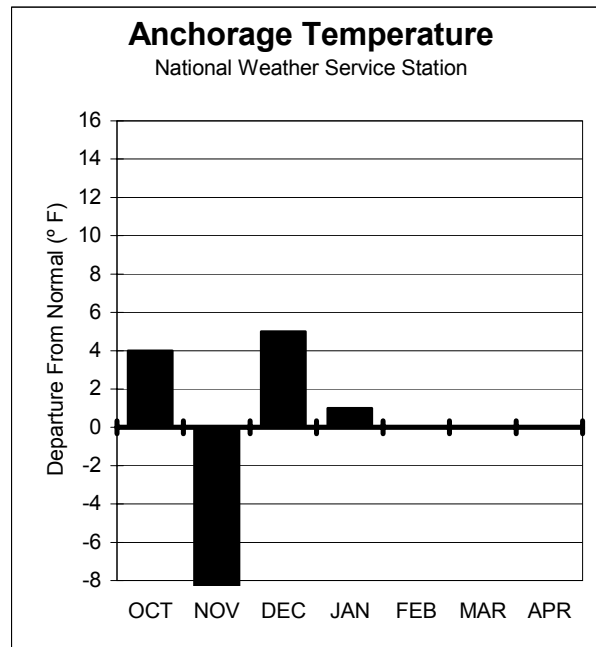
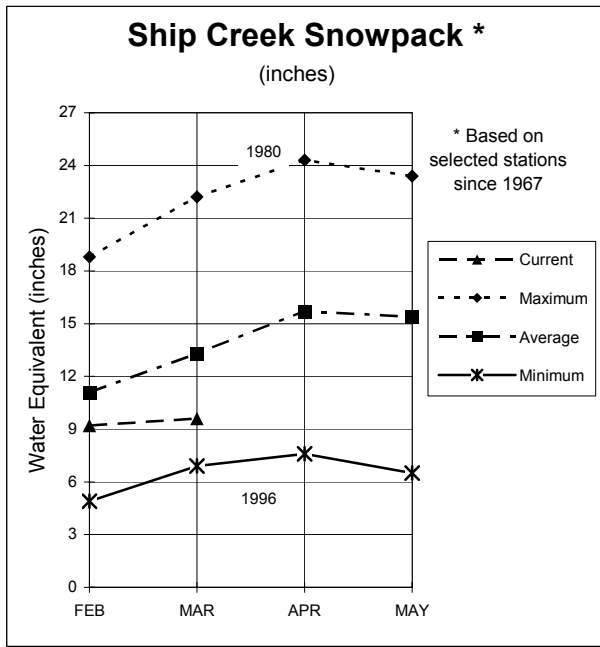
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation	Date	This Year	Last Year	71-2000 Ave	% of
Independence Mine	3550	2/28/07	14.6	11.6	22.1	66
Susitna Valley	375	2/28/07	8.6	7.9	10.3	84
Tokositna Valley	850	2/28/07	21.4	New	16.2	132

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Lower Susitna	6	89	64
Matanuska/Little Susitna	6	106	67
Peters Hills	5	90	66
Upper Susitna	3	83	61

NORTHERN COOK INLET*



Snowcover:

The 5 snow courses on Arctic Valley Road are all above average ranging from 113% of normal at Arctic Valley #1 (elevation 500 ft) to 105% of normal at Arctic Ski Bowl (elevation 3,000 ft).

The Ship Creek forecasted flow for the April through July period is 79 % of normal, 46,000 acre-feet.

Across Cook Inlet near Tyonek the Chuitna Plateau snow course at an elevation of 1540 feet is 80% of normal with 55 inches of snow depth and 18.2 inches of water content. The Snowmelt Runoff Index for Chuitna River near Tyonek is -2.6, much below average snowmelt runoff.

Most of the other snow courses in this area have essentially the same snow water content as last month. Portage Valley snow course is no exception to this, but it still is well above average with 23.1 inches of water content and is 179% of normal.

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

Northern Cook Inlet

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
Anchorage Hillside	2080	2/28/07	32	9.5	34	8.1	35	8.9
Arctic Ski Bowl	3000	3/02/07	37	12.5	31	9.6	38	11.9
Arctic Valley #1	500	3/02/07	21	5.1	12	3.1	17	3.9
Arctic Valley #2	1000	3/02/07	24	6.2	17	4.3	20	4.6
Arctic Valley #3	1450	3/02/07	26	7.4	28	6.7	28	6.9
Arctic Valley #4	2130	3/02/07	24	6.5	28	6.4	27	6.9
Chuitna Plateau	1540	2/27/07	55	18.2	76	28.0	65	20.8
Congahbuna Lake	500	2/27/07	9	3.5	12	4.5	32	8.9
Granite Point	250	No Survey			---	---	22	5.6
Indian Pass	2350	2/28/07	43	12.1	50	13.5	64	19.7
Kincaid Park	250	2/28/07	19	5.2	13	3.4	17	4.0
Lone Ridge	1675	2/27/07	49	16.2	74	26.5	79	28.8
Moraine	2100	3/01/07	27	8.1	27	6.3	27	6.6
Mt. Alyeska	1540	Est	83	24.0	78	25.0	94	30.7
Point Mackenzie	200	2/28/07	19	4.8	17	4.1	21	4.8
Portage Valley	50	2/27/07	51	23.1	13	4.8	39	12.9
South Campbell Creek	1200	2/27/07	28	7.3	17	4.6	26	6.2

*Estimate

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Ship Creek near Anchorage	Apr- Jul	58	46	79	61	34

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

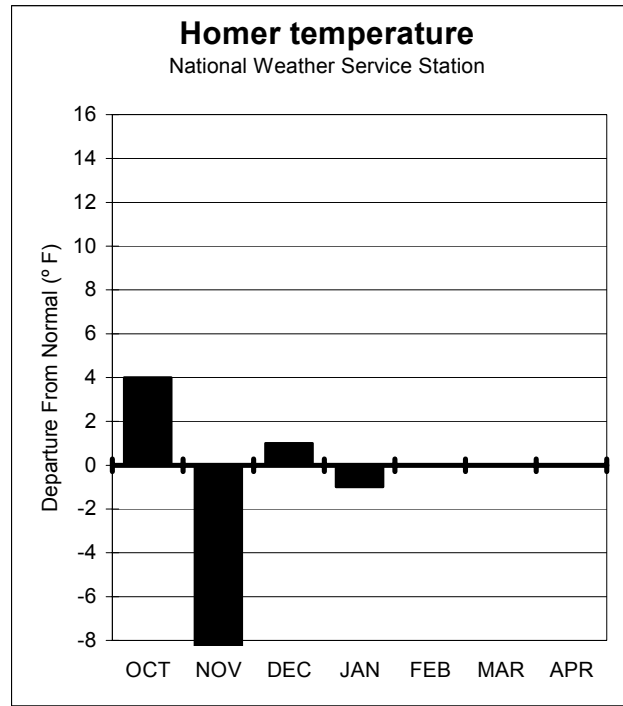
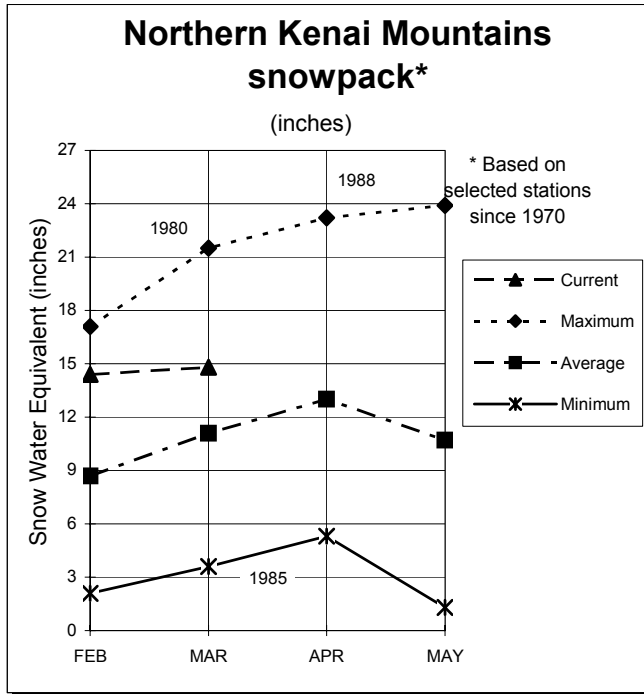
Precipitation Gauge	Elevation	Date	This Year	Last Year	71-2000 Ave	% of Average
Anchorage Hillside	2080	2/28/07	12.8	9.1	11.6	110
Indian Pass	2350	2/28/07	17.8	17.0	21.1	84
Moraine	2100	2/28/07	11.5	9.3	8.5	135
Mt. Alyeska	1540	No Report		39.6	37.5	---
Point Mackenzie	200	2/28/07	7.1	5.1	6.9	103

*Estimate

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Beluga	3	64	63
Campbell Creek	3	136	113
Ship Creek	8	116	98
Turnagain Arm	3	121	99

KENAI PENINSULA*



Snowcover:

The Northern Kenai Mountains vary from 91% of average at Turnagain Pass (26.5 inches of water content) to 125% of average at Kenai Summit (15.4 inches of water content). Grandview SNOTEL site has 76 inches of snow depth and 28.6 inches of snow water content, 116% of normal. At lower elevations in the Kenai Mountains, the Moose Pass snow course has 9.1 inches of water content and is 144% of normal. On the rim above Homer, Bridge Creek snow course is 71% of normal and Anchor River Divide SNOTEL site has 36 inches of snow and 10.2 inches of water content, 89% of normal. The Snowmelt Runoff Index for the Deep Creek near Ninilchik is -1.8, below average. At the head of Kachemak Bay, Nuka Glacier has a depth of 64 inches and estimated water content of 29.3 inches, 109% of normal.

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

Kenai Peninsula

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
Anchor River Divide	1650	2/28/07	36	10.2	41	9.1	42	11.5
Bertha Creek	950	2/28/07	50	17.9	40	11.8	51	14.7
Bridge Creek	1300	3/01/07	27	7.2	48	11.6	38	10.2
Cooper Lake	1200	2/28/07	39	14.5	36	10.2	47	13.2
Demonstration Forest	780	3/01/07	23	7.0	27	6.6	28	7.7
Eagle Lake	1400	3/02/07	32	9.6	42	9.9	38	10.7
Grandview	1100	3/01/07	76	29.6	72	20.9	75	24.7
Grouse Creek Divide	700	2/28/07	50	16.4	29	8.7	51	15.1
Jean Lake	620	3/01/07	18	5.0	10	2.6	17	3.8
Kenai Moose Pens	300	3/01/07	18	3.8	14	3.8	17	3.8
Kenai Summit	1390	2/28/07	45	15.4	44	11.2	44	12.3
McNeil Canyon	1320	3/01/07	26	9.1	34	6.8	36	9.5
Moose Pass	700	2/28/07	27	9.1	18	5.9	22	6.3
Nuka Glacier	1250	2/28/07	64	29.3*	49	19.0	69	26.9
Port Graham	300	No Report			30	6.6	---	---
Snug Harbor Road	500	3/01/07	26	9.1	11	3.4	20	5.1
Summit Creek	1400	2/28/07	37	11.6	36	9.4	38	10.4
Turnagain Pass	1880	2/28/07	79	26.5	91	30.6	92	29.2

*Estimate

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	30- YR AVERAGE (1000AF)	50 PERCENTILE	% OF AVERAGE	MAX (kaf)	MIN (kaf)
Kenai River at Cooper Landing	Apr-Jul	925	980	106	1110	860

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Anchor River Divide	1650	2/28/07	12.2	15.1	16.1	76
Cooper Lake	1200	2/28/07	22.2	17.2	20.7	107
Grandview	1100	3/01/07	36.2	40.8	33.1	109
Grouse Creek Divide	700	2/28/07	32.9	27.6	30.6	108
Kachemak Creek	1660	2/28/07	37.1	34.2	38.2	97
Kenai Moose Pens	300	2/28/07	5.7	6.7	7.3	78
McNeil Canyon	1320	2/28/07	10.5	14.1	13.6	77
Middle Fork Bradley**	2300	2/28/07	26.8	28.7	30.6	88
Nuka Glacier**	1250	2/28/07	46.7	44.1	48.1	97
Port Graham	300	2/28/07	36.9	35.4	38.0	97
Summit Creek	1400	2/28/07	17.5	10.9	14.3	122
Turnagain Pass	1880	2/28/07	31.5	33.7	34.0	93

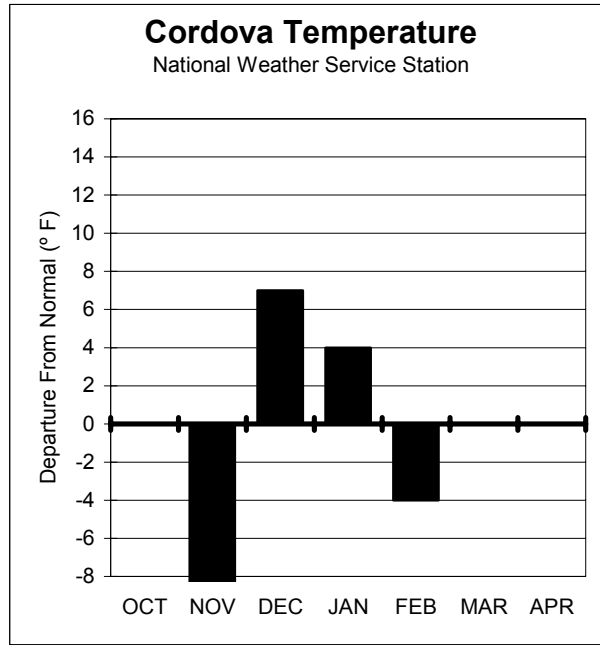
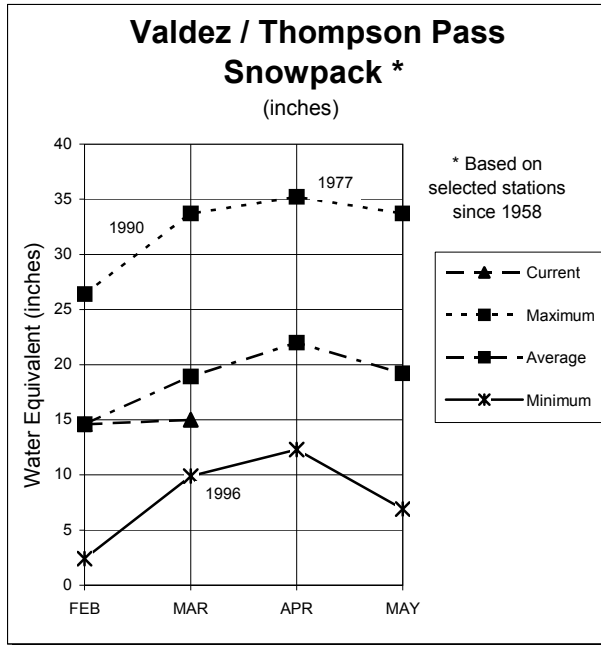
*Estimate

**Wyoming Shielded gauge

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Bradley Lake/Southern Kenai	2	152	108
Ninilchik Dome	5	93	89
Northern Kenai Flats	1	106	100
Northern Kenai Mountains	11	133	112

WESTERN GULF*



Snowcover:

The 5 Valdez area snow courses are 79% of normal collectively. They vary from 70% of normal at Valdez to 83% of normal at Worthington Glacier.

The Mt. Eyak SNOTEL site above Cordova has 61 inches of snow and 22.2 inches of water content. This is 211% of last year at this time and probably less than normal.

The Sugarloaf Mountain precipitation gauge has caught 37.9 inches since October 1st, 104% of normal.

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

Western Gulf

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
Exit Glacier	400	3/01/07	50	17.2	28	9.5	53	13.7
Grouse Creek Divide	700	2/28/07	50	16.4	29	8.7	51	15.1
Lowe River	600	2/28/07	38	11.6	47	12.8	53	15.1
Mt. Eyak	1405	2/28/07	61	20.2	35	10.5	---	---
Nuka Glacier	1250	2/28/07	64	29.5	49	19.0	69	26.9
Sugarloaf Mountain	550	3/03/07	51	19.6	65	20.4	79	23.3
Tsaina River	1650	2/28/07	41	12.9	58	15.9	56	15.7
Upper Tsaina River	1750	2/28/07	47	15.2	63	18.9	---	---
Valdez	50	2/28/07	36	10.8	45	13.1	51	15.5
Worthington Glacier	2100	2/28/07	54	18.0	77	22.4	68	21.6

*Estimate

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Esther Island	50	2/28/07	62.4	83.8	---	---
Grouse Creek Divide	700	2/28/07	32.8	27.6	30.6	108
Mt. Eyak	1405	2/28/07	61.1	54.8	---	---
Nuka Glacier**	1250	2/28/07	46.7	44.1	48.1	97
Port San Juan	50	2/28/07	65.9	65.7	---	---
Seal Island	20	2/28/07	31.7	61.2	---	---
Solomon Gulch*	36	2/28/07	32.6	35.7	35.0	92
Strawberry Reef	50	2/28/07	42.7	New	---	---
Sugarloaf Mountain	550	3/02/07	37.9	33.5	36.3	104
Tatitlek	50	2/28/07	36.2	41.8	---	---
Upper Tsaina River	1750	3/01/07	27.5	26.3	---	---

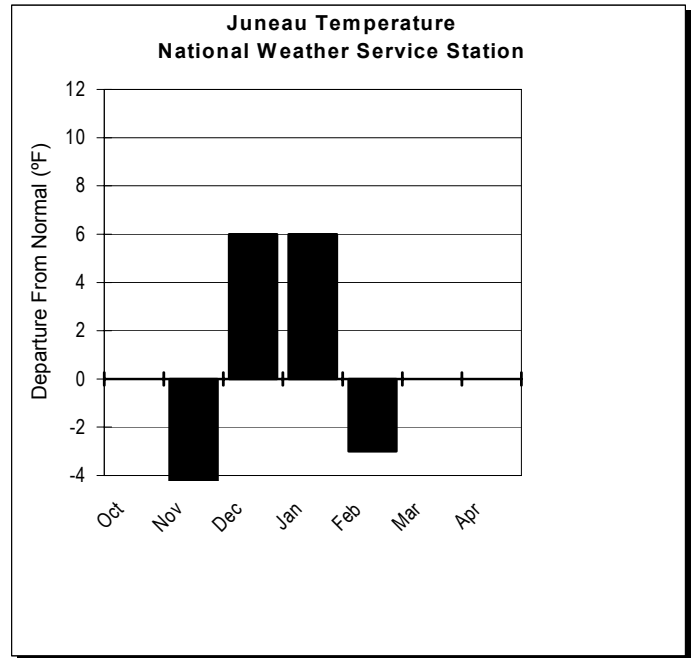
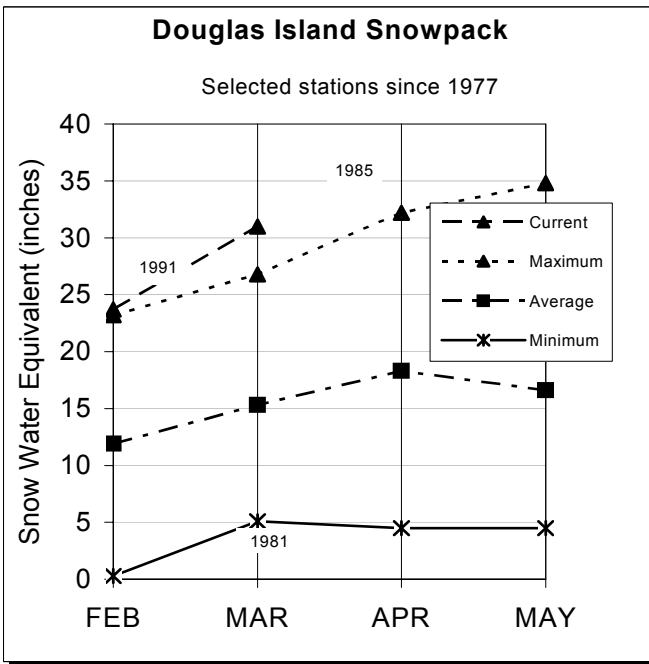
**Wyoming Shielded Gauge

*Copper Valley Electric Association

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Lowe River (Valdez)	5	101	79

Southeast



Snowcover:

Five snow courses have set record snow water contents for March 1st. The 142 inches of snow depth (2 inches shy of 12 feet) and 52.8 inches of water content at Petersburg Ridge shatters the old record of 95 inches of snow depth and 34.7 snow water content set in 1985. Petersburg Reservoir also has a new record high with 50 inches of snow depth and 15.1 inches of snow water content; the previous high (38 inches of snow and 14.0 inches of water content) was set in 1991. All 3 snow courses on Douglas Island measured record highs on March 1st for the period of record beginning in 1977, with the previous record high occurring in 1991 as well. Long Lake SNOTEL site is 188% of last year and 141% of average. This year is similar to the years 1972-1975 where the snow depths ranged from 128-160 inches and the snow water contents ranged from 45.1 to 48.5 inches. The record high for Long Lake was set in 1967 when the snowpack was 168 inches deep with 56.4 inches of water content; the period of record began in 1965.

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	2/28/07	124	43.5	41	11.7	70	23.9
Eagle Crest	1200	2/28/07	93	43.5	33	8.7	48	16.1
Fish Creek	500	2/28/07	48	16.9	6	2.3	20	6.0
Long Lake	820	3/01/07	126	45.2	68	24.1	90	32.1
Moore Creek Bridge	2250	2/28/07	62	18.8	31	8.6	62	21.3
Petersburg Reservoir	550	3/01/07	50	15.1	25	6.6	18	5.8
Petersburg Ridge	1650	3/05/07	142	52.8	44	12.9	65	21.8
Speel River	280	2/27/07	98	35.3	55	17.0	75	26.8

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	42	127	49	35

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Long Lake	820	3/01/07	84.4	106.2	85.9	98
Moore Creek Bridge	2250	2/28/07	24.9	29.4	21.5	116
Snettisham	25	2/28/07	94.5	102.0	95.2	99
Swan Lake	50	2/28/07	91.4	105.1	77.8	118

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Douglas Island	3	410	202
Snettisham	2	196	123
Petersburg	2	348	246

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

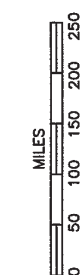
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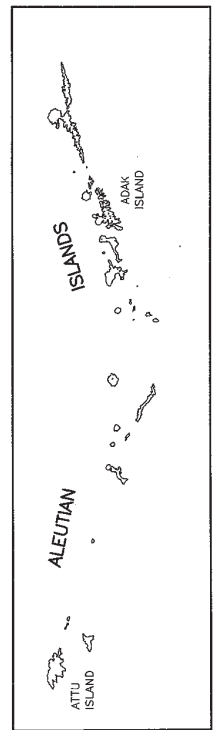
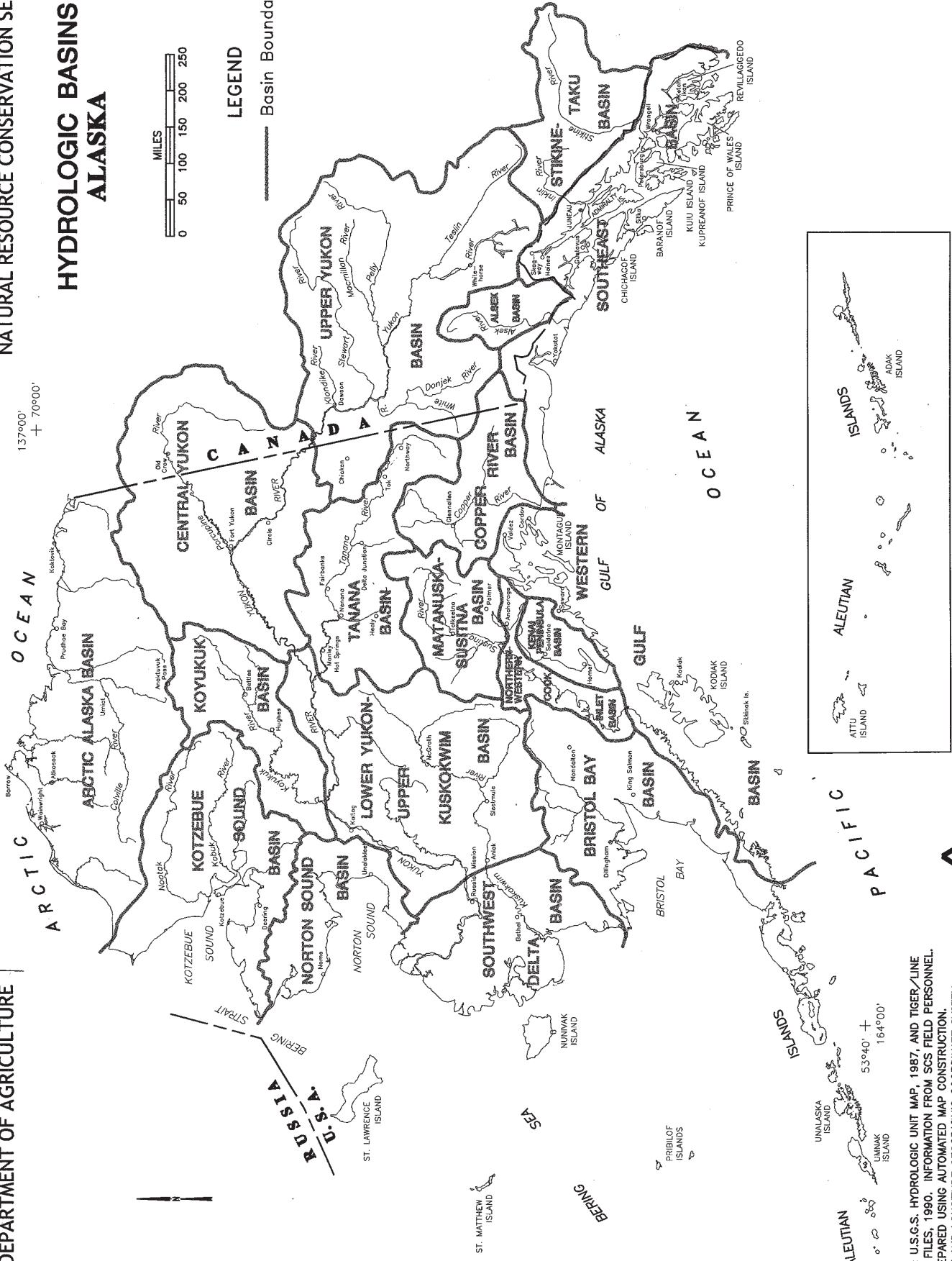
Facsimile: (907) 373-7192

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

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

