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Conservation Service

ALASKA SNOW SURVEY REPORT



APRIL 1, 2006

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GENERAL OVERVIEW

Snowpack

The four snow courses in the Porcupine River basin in the Yukon Territories are 122 percent of normal collectively. This appears to be the largest percent of normal snowpack for April 1st. On the other end of the spectrum, Southeast Alaska from Juneau north to Skagway has the smallest percent of normal snowpack for April 1st. The three snow courses on Douglas Island, across from Juneau, are 49 percent of normal collectively. Fish Creek is only 26 percent of average and Cropley Lake measured its 2nd lowest snow water content on record. The previous low was recorded in 1981. North of Skagway, Moore Creek Bridge snow water content is a mere 35 percent of normal and is a record low dating back to 1989.

Nuka Glacier snow course, in the Bradley Lake Hydroelectric power plant watershed, has 56 percent of normal snow water content for April 1st.

Precipitation

The west coast of Alaska received above average precipitation in March. Nome, Kotzebue and Bethel were all around 130 percent of normal.

The rest of the state, including Southeast Alaska received less than normal precipitation.

Temperature

The temperatures continued their swing from below normal to above normal for the state from one month to another. This time, the monthly average temperature was below normal with the extreme being Northway at a minus 8.4 degrees Fahrenheit (F). Talkeetna was the exception to the rule as it was the only site to record average monthly temperatures that were 1.8 degrees F above normal for the month of March.

This was the first month this winter for Barrow to be below normal. All of Southeast appeared to be below normal as well.

STREAMFLOW

Streamflow forecasts of snowmelt runoff are as follows:

FORECAST POINT*	Percent of Ave. Flow	Period
Yukon River at Eagle	80	April - July
Yukon River near Stevens Village.....	89	April - July
Tanana River at Fairbanks.....	97	April - July
Tanana River at Nenana.....	92	April - July
Little Chena River near Fairbanks.....	86	April - July
Chena River near Two Rivers	89	April - July
Salcha near Salchaket	84	April - July
Sagvanirktok River near Pump Station 3	95	April - July
Kuparuk River near Deadhorse.....	92	April - July
Kuskokwim River at Crooked Creek	89	April - June
Gulkana River at Sourdough.....	81	April - July
Little Susitna River near Palmer.....	73	April - July
Talkeetna River near Talkeetna.....	84	April - July
Ship Creek near Anchorage.....	86	April - July
Kenai River at Cooper Landing	92	April - July
Gold Creek near Juneau.....	76	April - July

SNOWMELT RUNOFF INDEX (SRI)

For streams that no longer have stream gauging stations.

FORECAST POINT	INDEX	Index Key:
Koyukuk River at Hughes.....	-0.5	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 100%; background: linear-gradient(to top, #f0f0f0, #e0e0e0, #d0d0d0, #c0c0c0, #b0b0b0, #a0a0a0, #909090, #808080, #707070, #606060, #505050, #404040, #303030, #202020, #101010, #000000); margin-right: 5px;"></div> <div> <p>-2 to -3 much below average snowmelt runoff</p> <p>-1 to -2 below average snowmelt runoff</p> <p>-1 to +1 average snowmelt runoff</p> <p>+1 to +2 above average snowmelt runoff</p> <p>+2 to +3 much above average snowmelt runoff</p> </div> </div>
Beaver Creek above Victoria Creek.....	-1.2	
Birch Creek below South Fork	1.2	
Caribou Creek at Chatanika.....	0	
Susitna River near Gold Creek	-1.6	
Chulitna River near Talkeetna.....	-3.0	
Deshka River at mouth near Willow	-2.3	
Montana Creek at Parks Highway.....	-1.7	
Willow Creek near Willow.....	-2.1	
Skwentna River at Skwentna	-1.0	
Chuitna River near Tyonek	-0.2	
Campbell Creek near Spenard.....	-1.3	
Indian Creek at Indian.....	-2.0	
Bird Creek at Bird Creek	-2.0	
Six Mile Creek near Hope	-0.7	
Resurrection Creek near Hope	-2.6	
Anchor River near Anchor Point.....	0.8	
Deep Creek near Ninilchik	-0.7	
Ninilchik River near Ninilchik.....	-0.7	
Fritz Creek near Homer	0.3	
Skagway River at Skagway.....	-0.5	

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

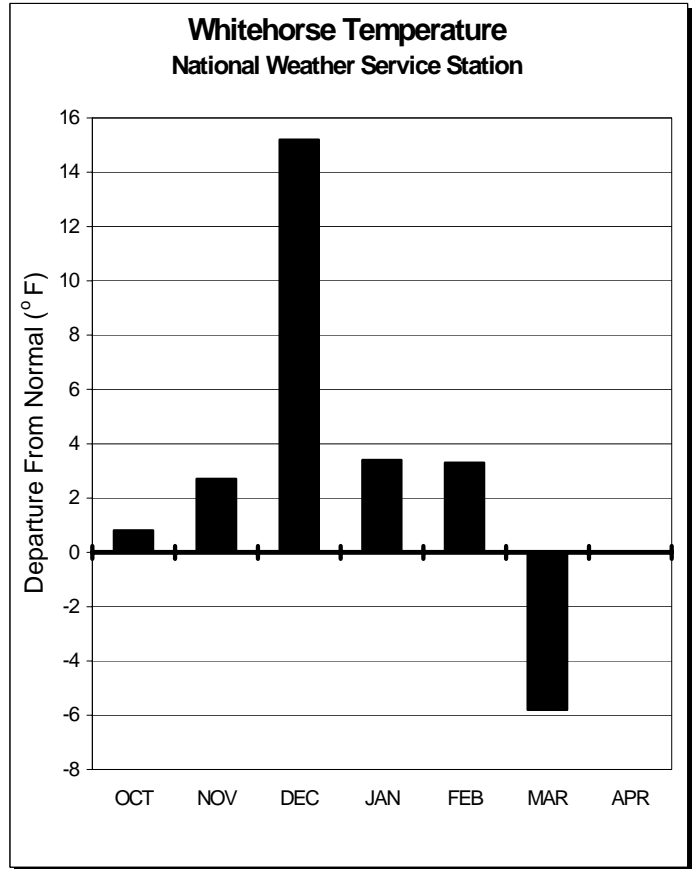
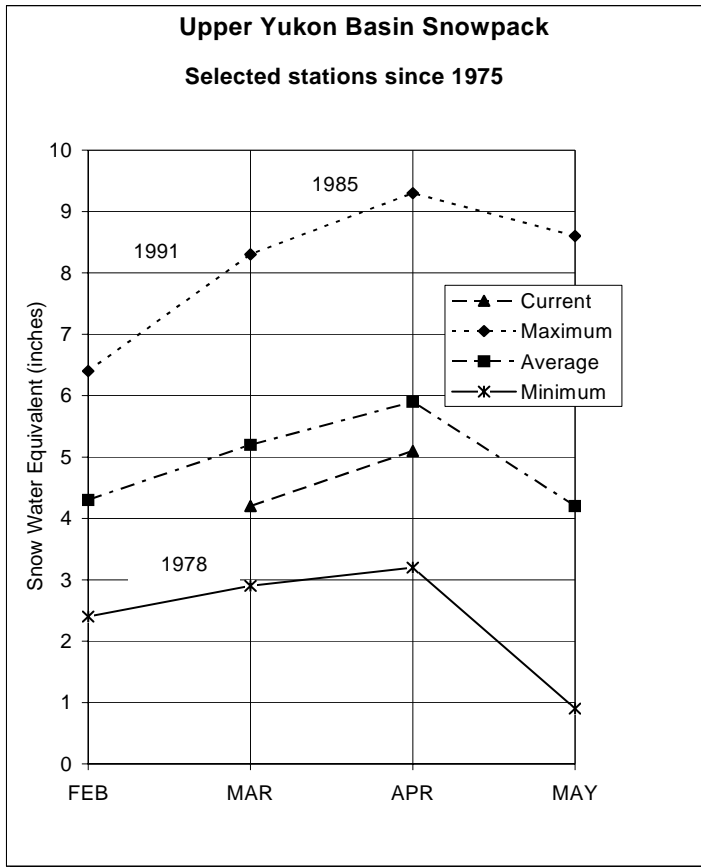
HOW FORECASTS ARE MADE

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

It was a relatively wet month in the White River Basin where snow water content increased 18 percentage points, from 76 percent of average to 94 percent from March 1st to April 1st. The Casino Creek snow course received 1.8 inches of water content. The Whitehorse/Teslin basin also went up 8 percent to 81 percent of normal as the Whitehorse Airport water content increased 1.8 inches. The other two basins went down from March 1st to April 1st. The Yukon River volume flow forecast for the April through July time period is 80 percent of normal. This is 27,450,000 Acre-feet.

* 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	Water Content	Snow Depth	Water Content
Arrowhead Lake	3675	No report			35	5.9	35	7.9
Atlin	2395	4/02/06	11	3.1	16	5.2	21	4.9
Beaver Creek	2150	3/28/06	16	2.4	17	3.2	17	3.3
Burns Lake	3650	3/29/06	35	6.6	42	9.0	37	8.4
Burwash Airstrip	2660	3/28/06	4	0.7	10	2.0	9	1.7
Calumet	4300	3/28/06	35	7.3	48	11.5	36	7.6
Casino Creek	3490	3/27/06	25	5.3	39	7.8	26	4.9
Chair Mountain	3500	3/28/06	17	2.6	24	5.3	19	3.7
Duke River	4300	3/30/06	19	3.5	27	5.4	23	4.1
Edwards Lake	2720	3/28/06	24	5.0	35	8.0	30	6.7
Finlayson Airstrip	3240	3/29/06	16	2.9	22	5.5	23	4.8
Fuller Lake	3690	3/28/06	26	5.6	40	9.9	34	7.9
Grizzly Creek	3200	3/28/06	35	6.7	48	11.2	32	6.9
Hoole River	3400	3/29/06	19	3.0	30	7.1	24	5.2
Jordan Lake	3050	3/29/06	18	3.4	28	6.8	24	5.2
King Solomon Dome	3540	3/28/06	32	7.0	40	8.9	29	6.0
Log Cabin (B.C.)	2900	3/29/06	44	13.1	53	17.8	49	14.6
Mayo Airport	1770	3/27/06	17	3.6	25	6.6	17	3.7
MacIntosh	3805	3/27/06	19	3.7	20	4.0	21	3.8
Meadow Creek	4050	3/29/06	37	7.9	47	13.7	42	10.4
Midnight Dome	2805	3/28/06	26	4.8	35	7.8	28	5.8
Montana Mountain	3350	3/29/06	19	4.4	27	6.6	25	5.5
Morley Lake	2700	3/30/06	20	4.4	28	8.3	25	5.9
Mount Nansen	3350	3/27/06	16	3.3	16	2.8	17	3.0
Mt. Berdoe	3400	3/27/06	19	4.3	21	4.0	22	4.2
Mt. McIntyre B	3600	3/31/06	28	5.8	32	8.3	28	5.9
Pelly Farm	1550	3/26/06	13	2.4	16	2.2	15	3.0
Plata Airstrip	2720	3/28/06	26	5.6	40	10.7	33	7.5
Rackla Lake	3410	3/28/06	33	7.3	41	10.0	37	8.2
Russell Lake	3480	3/28/06	33	7.0	46	11.8	37	8.9
Satasha Lake	3805	3/27/06	19	5.4	17	3.4	21	4.3
Tagish	3540	3/30/06	25	4.6	32	9.1	26	5.5
Twin Creeks	2950	No Report			33	8.3	32	7.3
White River	2700	No Report			--	--	16	3.0
Whitehorse Airport	2300	3/30/06	15	2.8	19	4.8	19	3.9
Williams Creek	3000	3/27/06	17	3.5	17	3.1	18	3.5
Withers Lake	3200	3/28/06	38	9.3	55	14.8	39	9.4

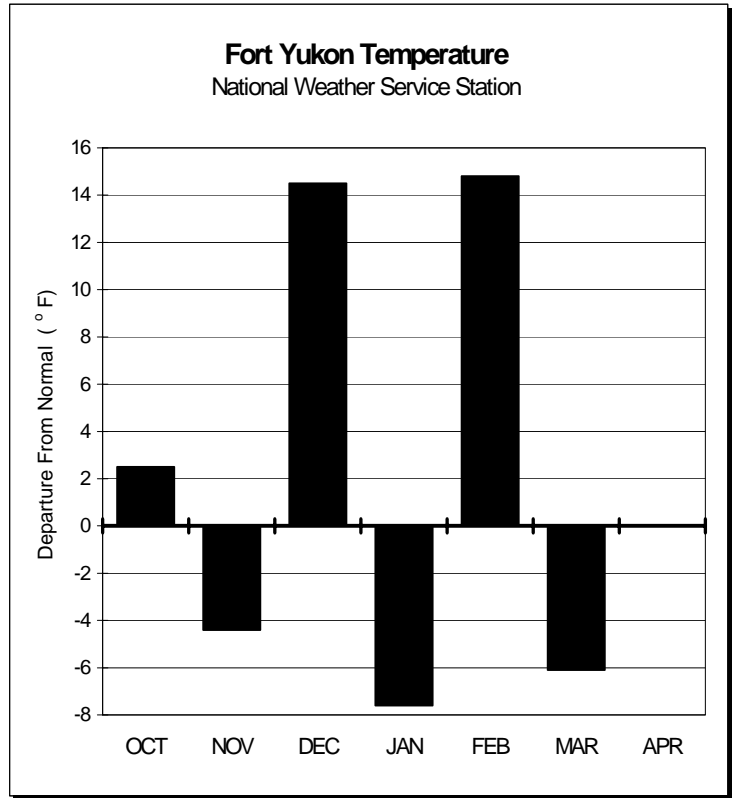
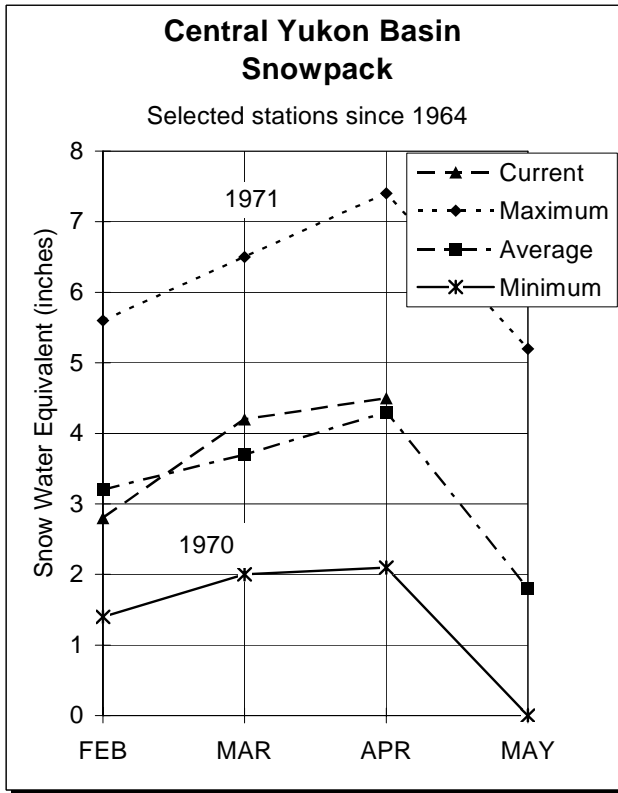
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Yukon River At Eagle	Apr-Jul	34200	27450	80	32830	22570

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Above Whitehorse/ Tetlin	10	63	81
Dawson	3	66	99
Stewart/ Pelly	12	61	81
White River	9	82	94

CENTRAL YUKON BASIN*



Current Basin Conditions

The four basins in the very large Central Yukon basin are above normal snow water content with the Porcupine River Basin in the Yukon Territories being 122 percent of normal. This basin is up 4 percent from last month with 3 of the 4 snow courses receiving 1.5 inches of water content for the month.

In the Forty Mile basin, the higher elevation snow courses are above normal while the lower snow courses are below normal. Mission Creek at Eagle is 88 percent of normal, whereas to the south, Mt. Fairplay is 116 percent of normal.

Snowpacks in the rather large area known as the Yukon Flats vary from well above to well below average conditions. Circle Hot Springs is 137 percent of normal water content, whereas Thirty Mile (87 mile of the Dalton Highway) is only 64 percent of normal. However, the Thirty Mile snow course surroundings changed significantly the summer of 2004 when the area was burned in a forest fire. This may be the reason for the low snow/water content readings.

* 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
Borealis	1330	3/29/06	27	5.6	32	7.9	28	5.2
Boundary	3300	4/03/06	22	5.0	26	7.4	25	5.3
Cathedral Creek	1800	No Report	--	--	--	--	--	--
Chicken Airstrip	1650	4/03/06	14	3.1	16	3.5	16	3.2
Circle City	600	3/31/06	29	5.5	30	6.0	26	4.5
Circle Hot Springs	860	3/31/06	29	5.9	24	4.4	26	4.5
Coal Creek	1000	No Report	--	--	--	--	--	--
Copper Creek	2000	No Report	--	--	--	--	--	--
Crescent Creek	2600	No Report	--	--	--	--	--	--
Eagle Plains	2330	3/29/06	38	7.8	34	6.6	32	7.0
Eagle River	1120	3/29/06	34	6.5	30	5.4	27	5.5
Fort Yukon	430	3/31/06*	19	3.6	23	5.4	20	3.8
Fossil	1400	3/29/06	24	5.1	33	8.0	--	--
Graphite Lake	600	3/29/06	24	4.5	20	4.2	--	--
Hess Creek	1000	3/29/06	30	5.8	34	8.1	26	5.4
Lost Chicken Hill	2100	4/04/06	15	4.3	17	4.4	--	--
Lower Beaver Creek	400	3/29/06	30	5.8	--	--	--	--
Mission Creek	900	3/28/06	16	3.6	18	4.7	18	4.1
Mt. Fairplay	3100	4/03/06	19	5.0	22	5.6	20	4.3
Old Crow	980	3/29/06	30	5.4	30	5.5	25	4.6
Riff's Ridge	2130	3/29/06	37	8.1	33	5.5	29	5.7
Seven Mile	600	3/29/06	28	5.4	37	9.1	26	5.2
Stack Pup Creek	1620	3/31/06	30	5.8	25	4.4	25	4.4
Step Mountain	2850	No Report	--	--	--	--	--	--
Tacoma Bluff	1450	No Report	--	--	--	--	--	--
Thirty Mile	1350	3/29/06	27	5.2	42	11.4	37	8.1
Three Fingers	3350	No Report	--	--	--	--	--	--
Vunzik Lake	500	3/29/06	19	3.7	--	--	--	--
Windy Gap	1900	3/30/06	29	6.6	40	10.6	31	5.7
Wolf	1200	3/30/06	24	4.6	34	7.8	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	43000	89	49650	36150

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1st

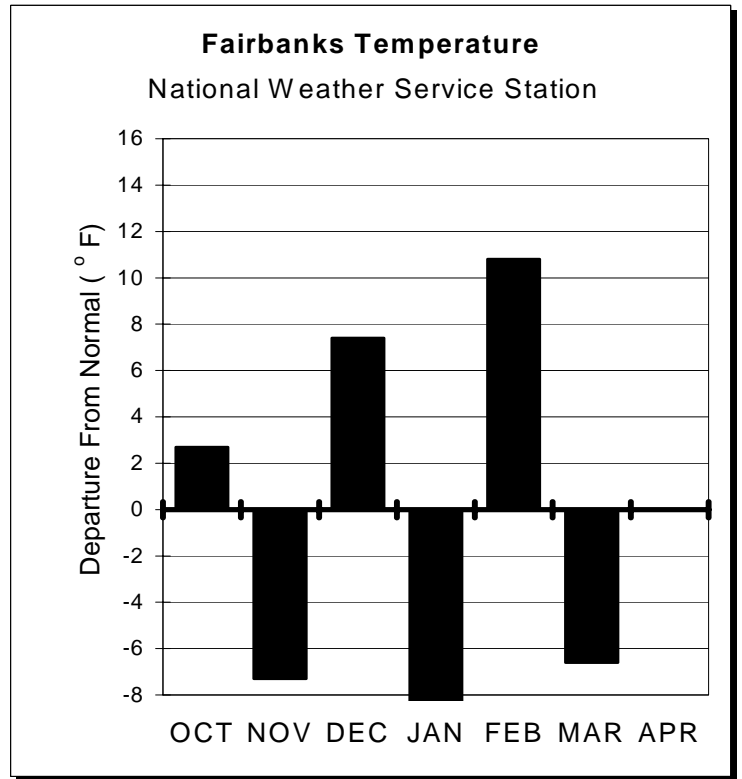
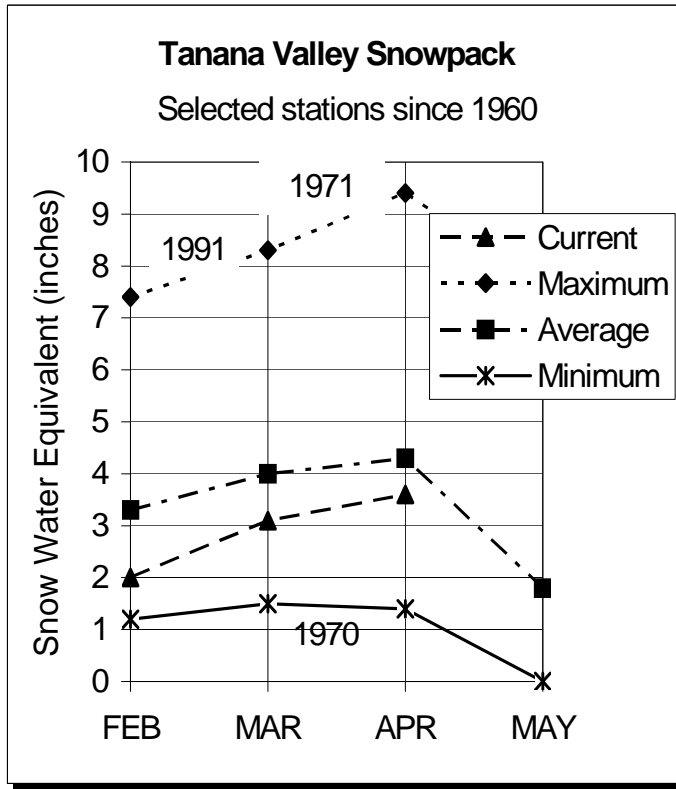
Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Atigun Pass**	4800	3/31/06	6.1	6.7	6.0	102
Chandalar Shelf**	3300	3/31/06	4.9	5.8	5.3	92
Eagle Summit	3650	3/31/06	6.7	5.7	6.3	106
Fort Yukon	430	3/31/06	2.7	4.2	--	--
Mission Creek	900	3/28/06	5.1	6.8	5.2	98

**Wyoming shielded gauge

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Forty Mile	5	82	102
Porcupine (Y.T.)	4	121	122
White Mountain	6	72	103
Yukon Flats	9	77	100

TANANA BASIN*



Current Basin Conditions

The Chatanika basin in the White Mountains northeast of Fairbanks is the only area with an above normal snowpack at 103 percent. The Caribou Snow Pillow water content is 127 percent of normal, while Cleary Summit is 87 percent of normal. The snow courses at higher elevations in the Chena basin received snow early this fall, September 28th. However, the stormy weather was not sustained and the basin remains slightly below average at 91 percent of normal.

The region north of the Alaska Range from the Gerstle River west 120 miles to Kantishna is in the 60-80 percent of average water content range.

The Chena River near Two Rivers volume flow forecast for the April through July period 240,000 acre-feet, 89 percent 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
Bonanza Creek	1150	3/29/06	18	3.9	24	5.2	23	5.0
Caribou Creek	1250	3/31/06	23	5.3	26	4.5	23	5.0
Caribou Mine	1150	3/30/06	21	3.8	29	5.9	27	5.6
Caribou Snow Pillow	900	3/31/06	23	5.7	26	4.7	23	4.8
Cleary Summit	2230	3/31/06	28	5.8	37	7.7	31	6.7
Colorado Creek	700	3/30/06	20	3.5	30	6.0	23	4.7
Edgar Creek	2400	4/06/06	35	6.9	45	10.3	28	7.0
Fairbanks FO	450	3/31/06*	22	3.7	26	4.6	23	4.5
Faith Creek	1900	3/31/06	25	4.8	30	5.8	28	4.9
Fielding Lake	3000	3/30/06	35	7.9	58	17.4	46	12.0
Fort Greely	1500	3/29/06	14	2.1	24	5.0	17	3.6
French Creek	1800	3/29/06	18	2.7	32	7.6	27	6.4
Gerstle River	1200	3/31/06	14	2.0	19	3.9	18	3.4
Gold King	1700	3/31/06	7	1.4	27	6.0	21	4.3
Granite Creek	1240	4/01/06	14	3.2	22	5.0	18	3.8
Haystack Mountain	1950	3/31/06	28	6.8	36	8.5	31	6.0
Jatahmund Lake	2180	3/30/06	14	2.5	18	3.9	18	3.2
Kantishna	1550	3/28/06	20	3.8	33	7.4	30	5.7
Lake Minchumina	730	3/28/06	20	3.8	30	6.3	21	4.4
Little Chena Bottom	1460	3/30/06	18	3.5	28	5.5	21	4.3
Little Chena Ridge	2000	4/01/06	21	5.0	27	5.7	28	5.9
Lost Creek	3030	4/04/06	13	2.5	29	6.2	21	4.2
Mentasta Pass	2430	3/30/06	21	4.5	43	10.4	28	6.7
Monument Creek	1850	4/01/06	24	5.4	28	6.1	25	5.2
Mt. Ryan	2800	4/01/06	30	6.4	35	8.0	31	6.8
Munson Ridge	3100	4/01/06	36	8.0	42	10.3	38	9.1
Paradise Hill	2200	3/31/06	18	3.4	17	4.4	18	3.6
Ptarmigan Airstrip	2400	3/31/06	11	2.4	31	6.7	18	3.7
Ptarmigan Creek	2230	3/31/06	24	4.6	30	6.3	19	3.8
Rock Creek Bottom	2250	3/31/06	19	2.8	27	5.7	22	4.3
Rock Creek Ridge	2600	3/31/06	19	3.5	26	6.0	26	5.3
Shaw Creek Flats	980	3/29/06	14	2.0	17	3.1	16	3.4
Stampede	1800	3/28/06	17	2.5	20	3.6	--	---
Teuchet Creek	1640	3/30/06	25	4.8	26	5.5	23	4.4
Tok Junction	1650	3/30/06	20	3.2	20	4.5	19	3.6
Upper Chena	3000	3/30/06	31	7.5	41	10.4	33	7.8
Upper Chena Pillow	2850	3/30/06	32	7.0	42	10.2	32	7.5
Upper Wood River	2990	4/06/06	19	4.2	38	8.7	28	5.7

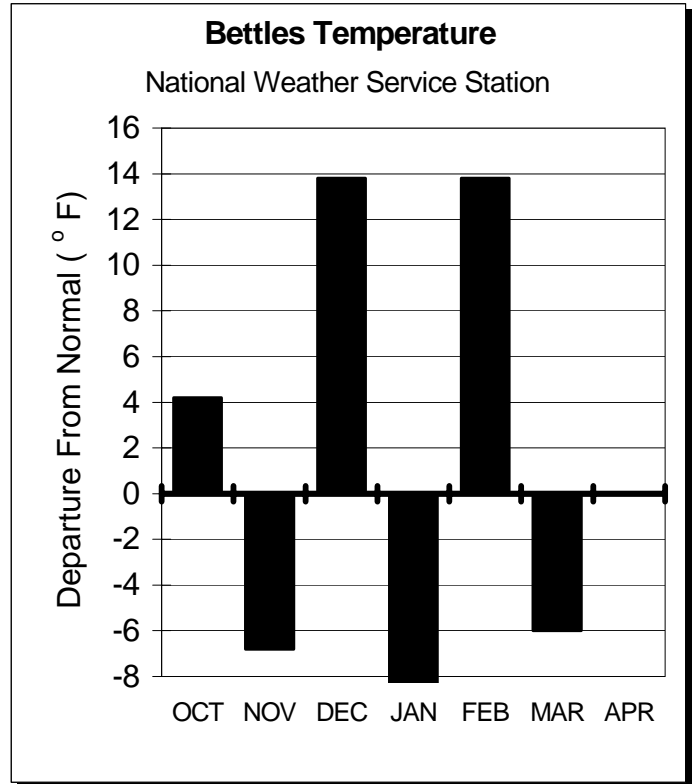
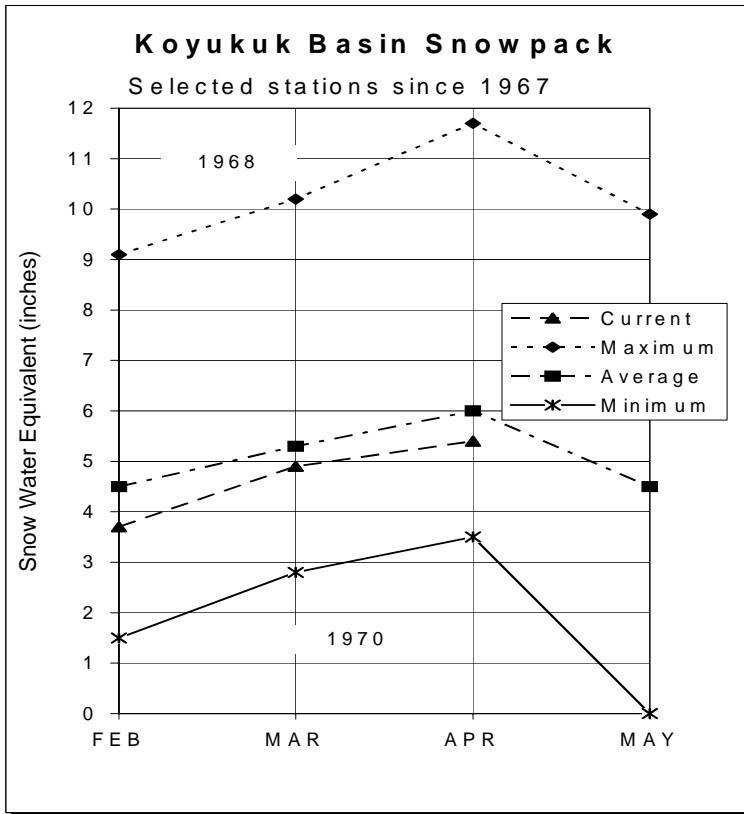
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Tanana River at Fairbanks	Apr-Jul	7100	6850	97	8020	5820
Little Chena R. near Fairbanks	Apr-Jul	78.0	67	86	97	45
Chena River near Two Rivers	Apr-Jul	270	240	89	360	148
Salcha River near Salchaket	Apr-Jul	625	525	84	760	345
Tanana River at Nenana	Apr-Jul	9000	8260	92	9630	6930

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Chatanika	5	91	103
Chena Basin	11	72	91
Lower Tanana Valley	6	55	63
Mid Tanana Valley (Delta Junction)	6	50	66
Upper Tanana Valley (Tok)	7	55	76

WESTERN INTERIOR BASINS*



Current Basin Conditions **Koyukuk**

Lake Todatoten is the only snow course with a long term snow water equivalent record that is above normal at 102 percent. Most of the snow water contents are around 90 percent of average with Coldfoot at 96 percent of normal, 28 inches of snow depth and 6.6 inches of water content.

Kuskokwim

In the Kuskokwim, the McGrath snow course is 80 percent of normal snow water content for April 1st, and is 41 percent of last year.

The Purkeypile Mine snow water content is 102 percent of normal.

The forecasted volume flow for the Kuskokwim at Crooked Creek for the April through July time period is 89 percent of average at 9,340,000 acre-feet.

Lower Yukon

The snow courses in the Nowitna National Wildlife Refuge are well below last years measurements and are probably in the 70-80 percent of average range. This is there second year of measurement.

The Tozikaket snow course, with 26 years of record, is 72 percent of normal and 41 percent of last year.

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

Western Interior Basins

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth (inches)	Water Content	Snow Depth	Water Content
Koyukuk								
Bettles Field	640	3/31/06	30	6.4	42	10.3	32	6.9
Bonanza Forks	1200	3/29/06	27	5.3	41	10.4	27	5.6
Cloverleaf	170	3/31/06	24	5.1	39	9.5	--	--
Coldfoot	1040	4/01/06	28	6.6	43	10.5	31	6.9
Colville Bend	170	3/31/06	30	6.0				
Disaster Creek	1550	3/30/06	22	3.9	28	5.5	23	4.4
Huggins Creek	290	3/31/06	30	6.2	New		--	--
JR Slough	160	3/31/06	32	6.6	39	9.6	--	--
Kaldoyeit	750	3/28/06	27	5.2	22	5.5	--	--
Kanuti-Chelatna	670	3/28/06	34	7.0	36	9.2	--	--
Kanuti-Kilolitna	550	3/28/06	23	5.0	36	9.2	--	---
Lake Todatonen	550	4/03/06	30	5.6	44	11.3	28	5.5
Minnkokut	580	3/29/06	32	7.0	41	11.6	--	--
Nolitna	560	3/29/06	27	5.4	36	9.5	--	--
Table Mountain	2200	3/30/06	23	4.6	44	11.3	24	4.9
Taiholman	540	3/28/06	8	2.0	2	0.5	--	--
Treat Island	190	3/31/06	24	5.1	New		--	--
Kuskokwim								
Lake Minchumina	730	3/28/06	20	3.8	30	6.3	21	4.4
McGrath	340	4/05/06	30	5.2	41	12.7	30	6.5
Purkeypile Mine	2025	3/28/06	27	5.1	32	7.5	21	4.1
Telaquana Lake	1550	No Report			--	---	20	4.5
Lower Yukon								
Deer Creek	195	3/31/06	28	5.8	New			
Grouch Creek	220	4/06/06	39	8.0	45	13.7	--	---
Holikachuk	100	4/06/06	39	8.2	43	12.5	--	---
Horsefly Creek	180	4/05/06	32	7.0	33	10.2	--	---
Innoko Cabin	200	4/06/06	22	4.8	30	7.3	--	---
Little Mud River	855	3/31/06	22	4.9	New			
Lower Nowitna River	205	3/31/06	23	4.9	New			
Menotl Creek	380	4/06/06	40	8.4	44	13.7	--	---
Middle Innoko	150	4/06/06	39	8.0	39	12.0	--	---
Nine Mile Island	140	3/30/06	29	5.8	45	11.2	--	---
Pike Trap Lake	130	3/30/06	16	4.5	19	5.5	--	---
Squirrel Creek	150	3/30/06	31	6.3	48	12.0	--	---
Tozikaket	600	4/03/06	21	3.6	35	8.8	24	5.0
Upper Innoko	180	4/06/06	33	7.0	46	14.0	--	---
Wapoo Hills	220	4/06/06	38	7.8	46	14.5	--	---
Yankee Slough	100	4/06/06	41	8.4	42	12.5	--	---
Yetna River	120	4/06/06	27	5.9	33	10.0	--	--

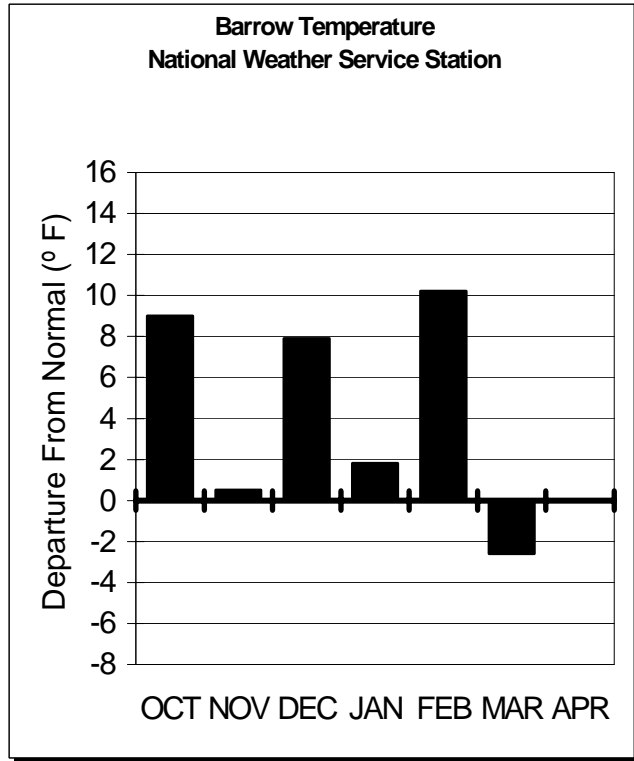
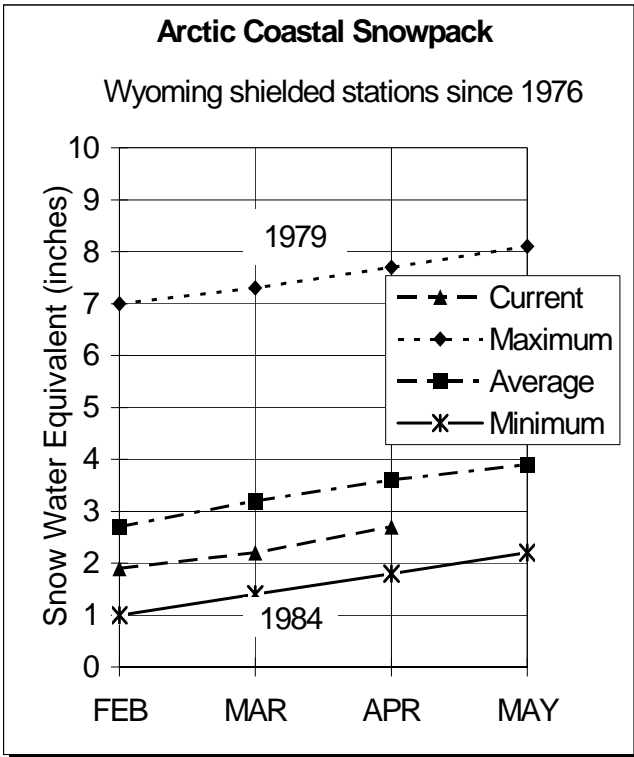
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Kuskokwim River at Crooked Creek	Apr-Jul	10500	9340	89	12810	6615

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Koyukuk	12	62	99
Upper Kuskokwim	3	53	87
Lower Yukon	4	54	72

ARCTIC AND KOTZEBUE SOUND*



Current Basin Conditions

Arctic

The Atigun Pass Wyoming shielded precipitation gauge has caught 6.1 inches of precipitation since October 1st, 2005, 102 percent of normal. To the north, the gauges at Atigun Camp are 54 percent of normal and Imnaviat Creek (Mile 117.1, 117.1 miles south of Deadhorse) is 33 percent of normal.

Kotzebue

No Report from the Red Dog Mine precipitation gauges.

* 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	3/31/06	2.7	2.1	5.0	54
Atigun Pass	4800	3/31/06	6.1	6.7	6.0	102
Barrow	25	4/05/06	3.1	1.9	3.0	103
Imnaviat Creek	3050	3/31/06	1.3	2.3	3.9	33
Prudhoe Bay	30	No Report		3.5	3.8	
Kotzebue Sound						
Kivalina	50	No Report		---	--	--
Red Dog**	950	No Report		6.2	--	--

** Wyoming Shielded Gauge

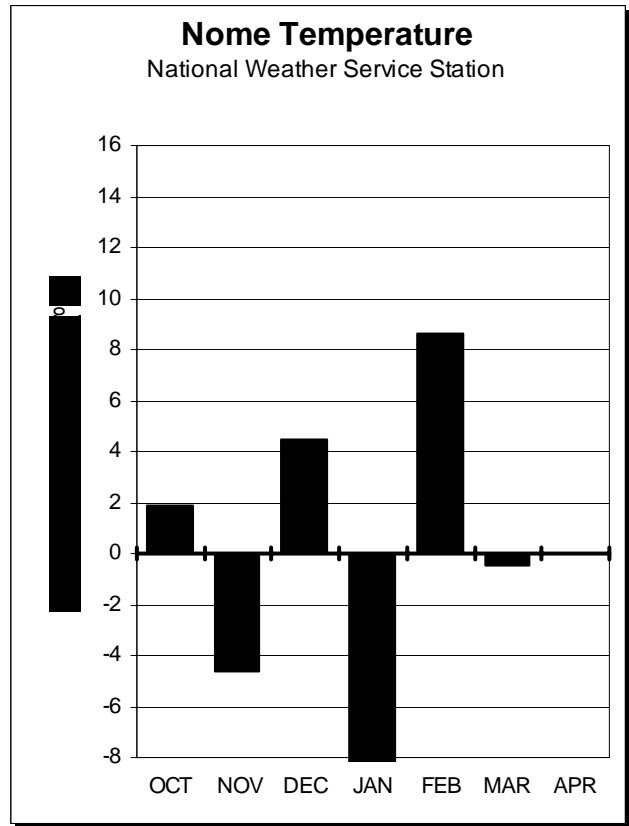
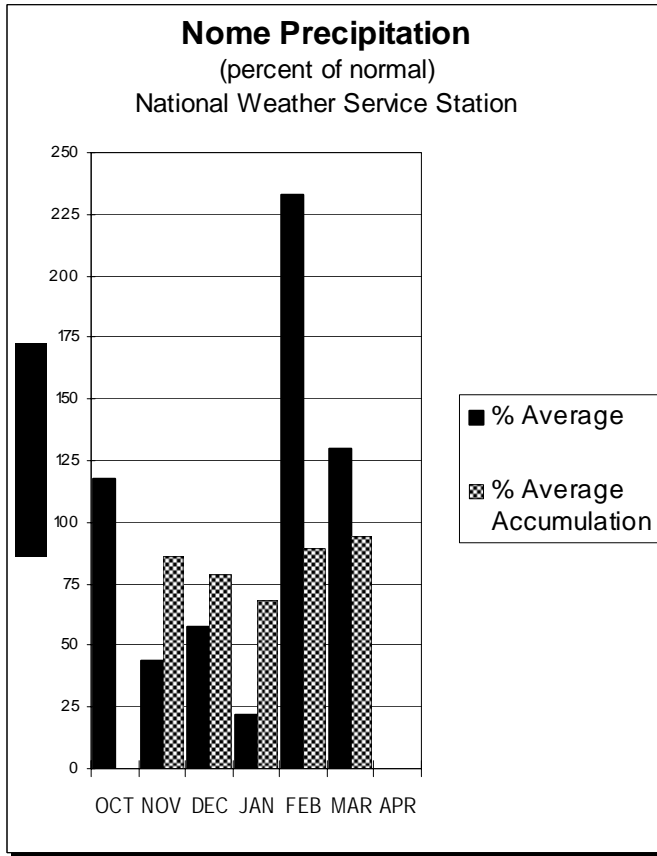
STREAMFLOW FORECASTS

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	890	460
Kuparuk River near Deadhorse	April - Jul	795	730	92	1090	460

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Arctic Coast	1	163	103
Dalton Highway	3	91	68

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*



Current Basin Conditions

Norton Sound

The Johnson's Camp SNOTEL site went from 9 inches of snow depth to 15 inches through the month of March. There were three storms producing 3 to 4 inches of snow each with some of the snow settling or blowing away between storms. This brings the snow up to the near normal range.

Southwest Delta/Bristol Bay

The National Weather Service observer reported that the Bethel snow depth went from 8 inches on March 1st to 20 inches on April 1st. Dillingham and King Salmon had very little snow reported through the month.

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

NORTON SOUND/SOUTHWEST DELTA/BRISTOL BAY*

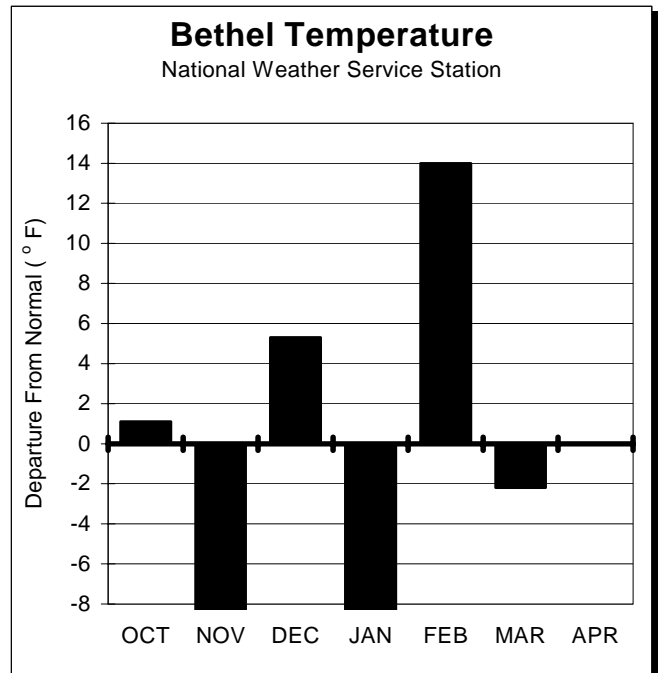
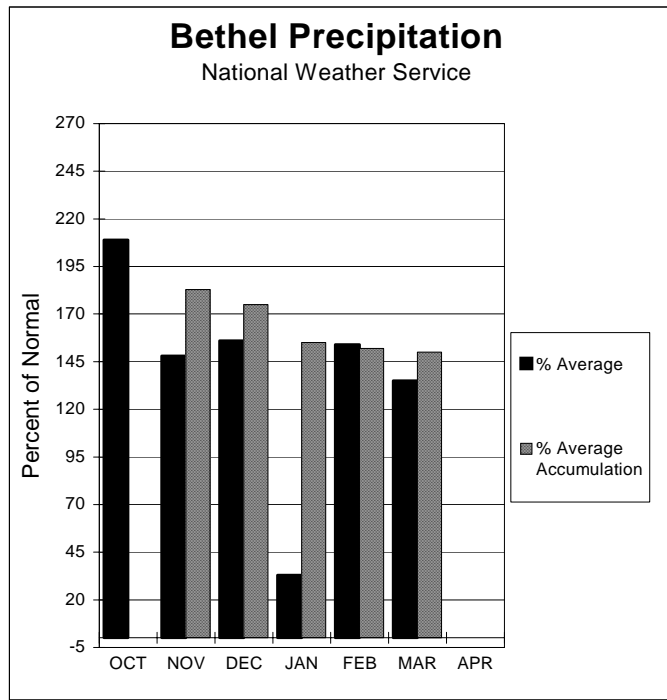
SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth	Water Content	Snow Depth	Water Content
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

PRECIPITATION DATA

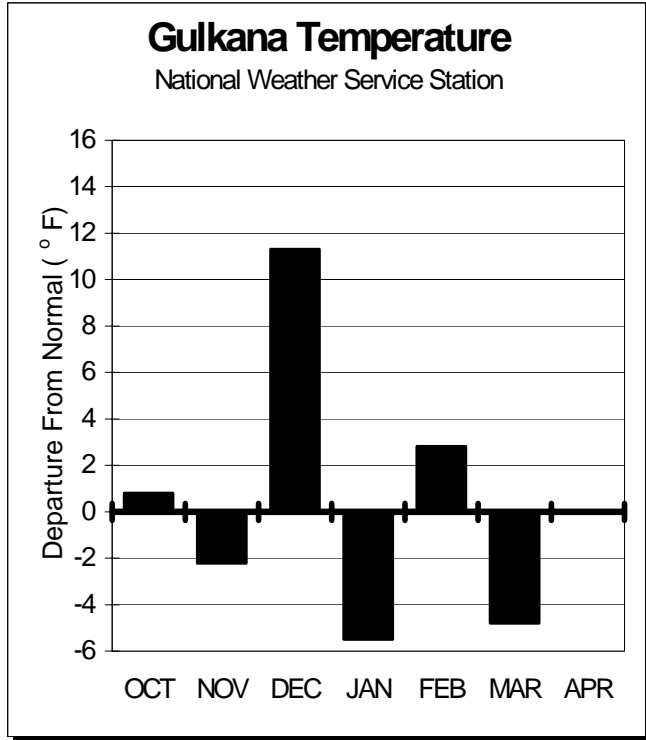
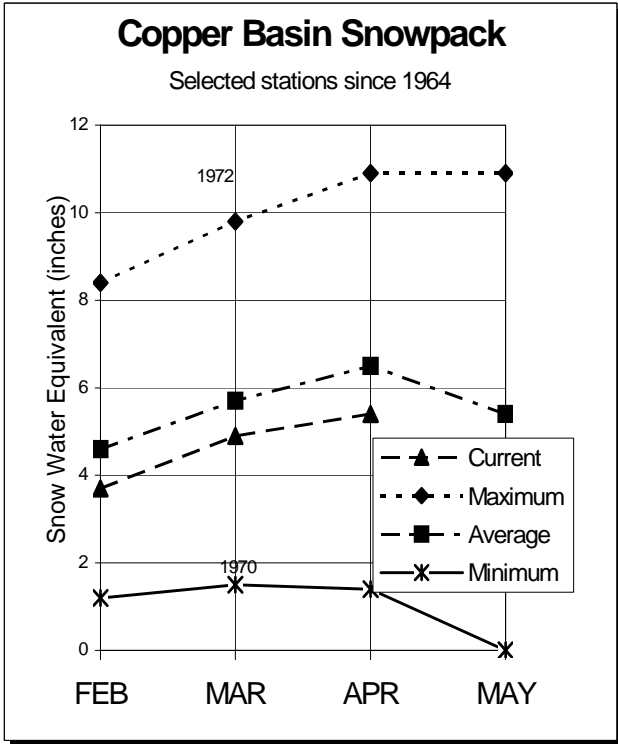
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Pargon Creek	100	No Report		7.8	--	--
Rocky Point	500	3/31/06	2.5	4.3	--	--



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

COPPER BASIN*



Current Basin Conditions

Three of the five regions of the Copper basin are in the 90-95 percent of normal water content range including the Wrangle Mountains, the Chugach Mountains and the Talkeetna Mountains. The Alaska Range is 71 percent of normal and the basin floor is 81 percent of normal water content.

The Upper Tsaina River SNOTEL site has caught 26.7 inches of precipitation since October 1st, 2.2 inches less than last year.

The Gulkana River volume flow forecast for the April-July period is 81 percent of normal at 385,000 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	3/29/06	15	2.7	28	5.6	22	3.6
Chistochina	1950	3/30/06	18	3.0	24	5.6	22	4.1
Chokosna	1550	4/03/06	7	2.1	12	3.8	22	3.9
Dadina Lake	2160	4/04/06	28	6.4	29	6.8	27	5.9
Haggard Creek	2540	3/30/06	24	4.2	28	6.1	29	6.3
Horsepasture Pass	4300	4/01/06	39	8.0	48	11.8	29	6.4
Kenny Lake School	1300	3/29/06	15	3.8	15	3.8	17	3.7
Lake Louise	2400	3/29/06	20	3.6	28	6.0	23	4.6
Little Nelchina	2650	4/01/06	24	5.0	29	5.2	25	5.3
Long Glacier	4820	3/28/06	28	7.5	51	15.5	--	--
Lost Creek	3030	4/04/06	13	2.5	29	6.2	21	4.2
May Creek	1610	3/28/06	23	5.5	20	5.5	21	4.5
Mentasta Pass	2430	3/30/06	21	4.5	43	10.4	28	6.7
Monsoon Lake	3100	4/04/06	30	6.5	31	8.6	28	6.4
Paxson	2650	3/30/06	30	6.5	37	8.2	32	7.8
Sanford River	2280	4/04/06	23	5.7	22	6.0	28	6.2
St. Anne Lake	1990	4/01/06	27	5.4	31	6.5	25	5.5
Tazlina	1225	3/29/06	14	3.7	17	4.0	19	4.2
Tebay Lake	1930	3/28/06	76	23.2	61	18.9	--	--
Tolsona Creek	2000	3/30/06	19	3.5	24	5.3	22	4.1
Tsaina River	1650	3/31/06	61	17.6	58	17.4	57	17.6
Twin Lakes	2400	4/01/06	24	5.2	33	6.7	28	6.4
Upper Tsaina River	1750	4/01/06	66	19.6	69	21.4	--	--
Worthington Glacier	2100	3/29/06	74	23.6	88	30.4	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	26.7	28.9	---	--

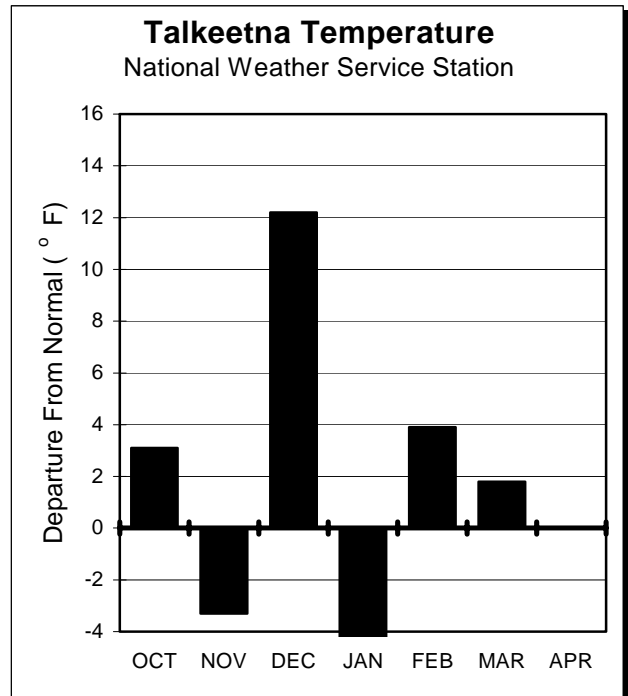
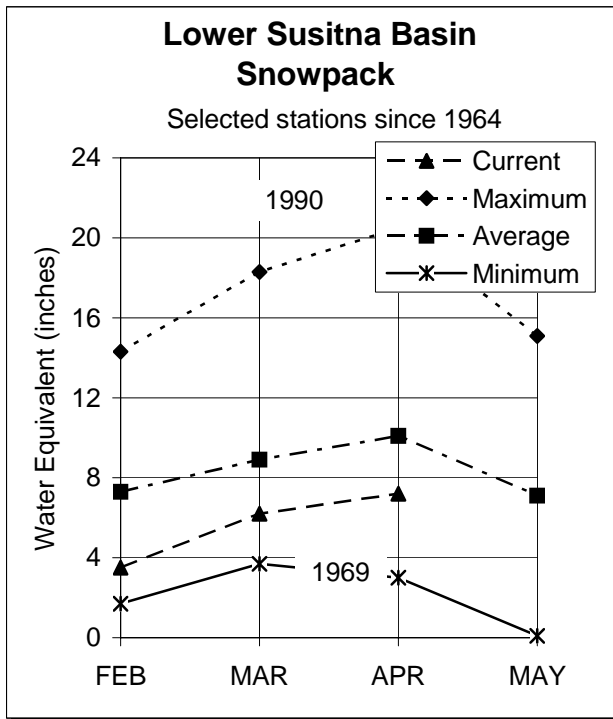
STREAMFLOW FORECASTS

Forecast Point	Forecast Period	30- Yr Average (1000AF)	50 Percentile	% of Average	Max (1000AF)	Min (1000AF)
Gulkana River at Sourdough	Apr-Jul	475	385	81	595	230

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Alaska Range	3	53	71
Basin Floor	6	70	81
Chugach Range	5	94	96
Talkeetna Mountains	3	62	97
Wrangell Mountains	4	68	95

MATANUSKA - SUSITNA BASINS*



Current Basin Conditions

The Matanuska/Little Susitna basin is 65 percent of normal and 43 percent of last year. The Independence Mine snow course is 60 percent of normal water content and is representative of the existing snow conditions for the entire Little Susitna River basin. Point MacKenzie snow course is represents the lower area of the river and has 19 inches of snow and 4.9 inches of water content, which is 91 percent of average.

The Little Susitna River basin has less than the normal amount of snow and the forecasted flow for the April through July period is 73 percent of normal, 63,000 acre-feet water.

The Sheep Mountain snow course up the Glenn Highway, near Sheep Mountain Lodge, is 73 percent of normal water content.

To the north along the Parks Highway, the Snowmelt Runoff Index for the Chulitna River near Talkeetna is off the chart on the low side. The index is an extreme -3 with the index ranging from +3 to -3.

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

Matanuska - Susitna Basins

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth	Water Content	Snow Depth	Water Content
			(inches)					
Alexander Lake	160	3/30/06	39	9.4	54	17.5	44	12.0
Archangel Road	2200	4/03/06	33	10.2	73	21.5	50.0	16.3
Bentalit Lodge	150	3/30/06	27	6.8	--	---	--	--
Blueberry Hill	1200	3/30/06	43	11.1	78	26.4	58	16.0
Chelatna Lake	1450	3/29/06	38	8.9	58	18.5	44	11.6
Clearwater Lake	2650	4/04/06	21	4.0	32	7.2	27	5.7
Curtis Lake	2850	4/01/06	20	4.0	27	5.8	--	---
Denali View	700	3/30/06	34	8.8	66	21.8	50	13.4
Dunkle Hills	2700	3/28/06	31	8.2	67	22.5	--	--
Dutch Hills	3100	3/28/06	66	18.0	106	40.5	80	27.5
E. Fork Chulitna	1800	3/30/06	39	9.2	73	24.5	54	14.0
Eldridge Glacier	3400	3/29/06	18	4.0	32	12.0	--	---
Fishhook Basin	3300	4/03/06	45	11.2	97	38.1	64	20.5
Fog Lakes	2120	4/04/06	20	4.1	44	11.0	28	6.2
Halfway Slough	350	3/30/06	17	5.0	35	10.2	--	---
Independence Mine	3550	4/03/06	54	14.6	95	36.0	70	24.2
Lake Louise	2400	3/29/06	20	3.6	28	6.0	23	4.6
Little Susitna	1700	4/03/06	34	9.0	64	17.5	43	13.3
Moose Creek Ranch	450	3/31/06	9	2.0	27	8.0	--	---
Monahan Flat	2710	4/04/06	32	6.3	57	14.8	35	8.1
Nugget Bench	2010	3/28/06	41	10.8	59	19.5	55	15.5
Ramsdyke Creek	2220	3/28/06	63	17.0	95	35.0	69	22.0
Sheep Mountain	2900	3/30/06	23	4.4	33	8.0	26	6.0
Skwentna	160	3/30/06	37	8.7	53	18.3	42	11.6
Square Lake	2950	4/01/06	19	3.7	28	6.3	22	4.2
Susitna Valley High	375	4/01/06	25	7.6	46	12.3	39	9.5
Talkeetna	350	3/30/06	22	5.5	44	12.9	34	8.7
Tokositna Valley	850	3/28/06	57	15.5	85	29.0	62	18.7
Tyone River	2500	4/04/05	21	3.8	24	5.5	24	5.2
Upper Oshetna	3150	4/01/06	19	3.6	32	7.0	--	---
Upper Sanona	3100	4/01/06	28	5.5	32	7.2	--	---
West Fork Yentna	950	3/28/06	90	28.8	--	--	--	--
Willow Airstrip	200	3/31/06	25	5.1	32	8.9	31	8.1
Ward Lake	2700	No Report			31	6.6	--	---

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	63	73	81	48
Talkeetna River near Talkeetna	Apr-Jul	1630	1370	84	1600	1160

PRECIPITATION DATA

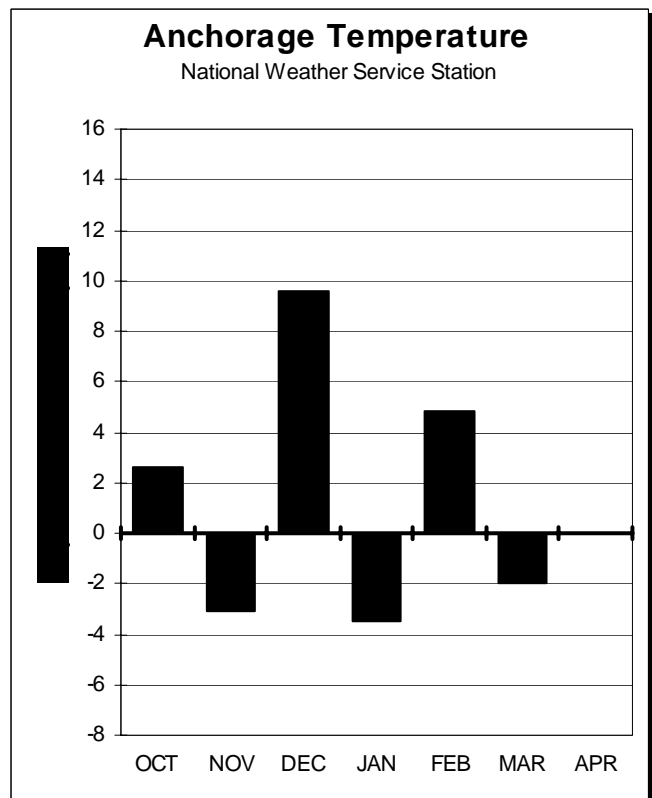
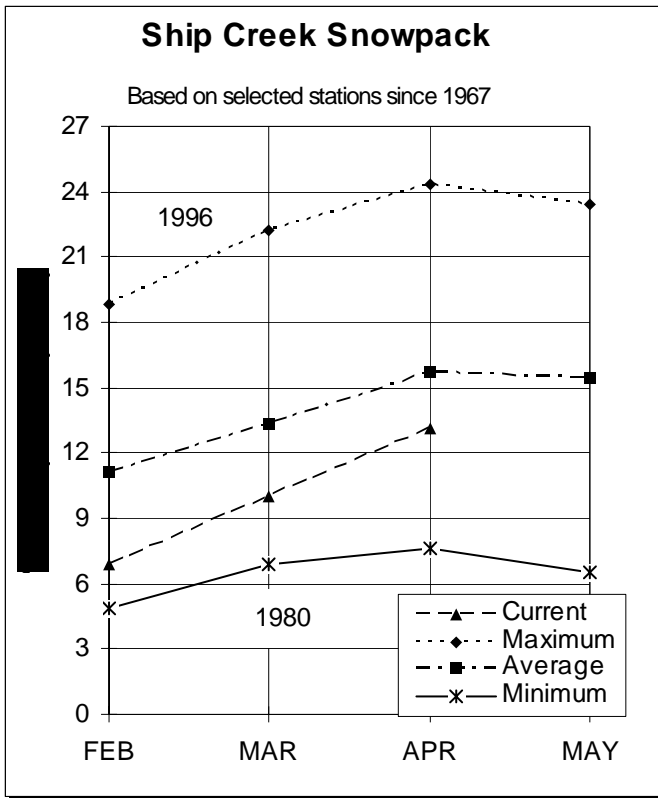
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (ft.)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Independence Mine	3550	3/31/06	12.8	46.5	--	
Susitna Valley High	375	3/30/06	9.0	19.9	11.7	77

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Lower Susitna	7	51	73
Matanuska/Little Susitna	8	43	65
Peters Hills	6	47	72
Upper Susitna	13	48	78

NORTHERN COOK INLET*



Current Basin Conditions

Indian Pass snow course, at the headwaters of South Fork Ship Creek, is 78 percent of normal. The precipitation gauge at Indian Pass has caught 75 percent of normal since October 1st, 2005.

Both Indian Creek and Bird Creek have a Snowmelt Runoff Index of minus 2.0, below average.

The Moraine SNOTEL site is 92 percent of normal with reported snow depth of 27 inches and 7.4 inches of water content on April 1st.

The Beluga Plateau snow courses are 103 percent of normal with the Lone Ridge snow course gaining 11 inches of snow depth and an estimated 5.8 inches of water content through the month of March.

The Chuitna Plateau snow course remains above normal at 113 percent of normal water content.

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

Northern Cook Inlet

SNOW PACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth (inches)	Water Content	Snow Depth	Water Content
Anchorage Hillside	2080	3/28/06	36	9.3	54	14.1	38	10.4
Arctic Ski Bowl	3000	3/31/06	12	3.6	56	21.0	43	14.0
Arctic Valley #1	500	3/31/06	17	4.6	6	2.0	14	3.6
Arctic Valley #2	1000	3/31/06	28	7.1	15	4.7	20	5.1
Arctic Valley #3	1450	3/31/06	26	6.7	37	10.1	28	7.3
Arctic Valley #4	2030	3/31/06	35	11.4	41	10.6	29	7.7
Chuitna Plateau	1540	3/30/06	76	30.4	108	41.5	86	26.9
Congahbuna Lake	500	3/30/06	36	8.9	55	17.5	38	10.8
Granite Point	250	No Survey					15	5.6
Indian Pass	2350	3/29/06	63	19.5	85	28.8	71	23.7
Kincaid Park	250	4/03/06	13	4.2	7	2.6	16	4.2
Lone Ridge	1675	3/30/06	85	32.3	--	---	86	33.1
Moraine	2100	3/31/06	27	7.4	36	9.2	29	8.0
Mt. Alyeska	1540	4/03/06	93	29.1	90	28.2	107	36.9
Point Mackenzie	200	4/01/06	19	4.9	21	5.2	20	5.4
Portage Valley	50	3/30/06	31	10.8	16	3.4	39	15.0
South Campbell Creek	1200	3/28/2006	20	5.4	28	6.1	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	50	86	66	37

PRECIPITATION DATA

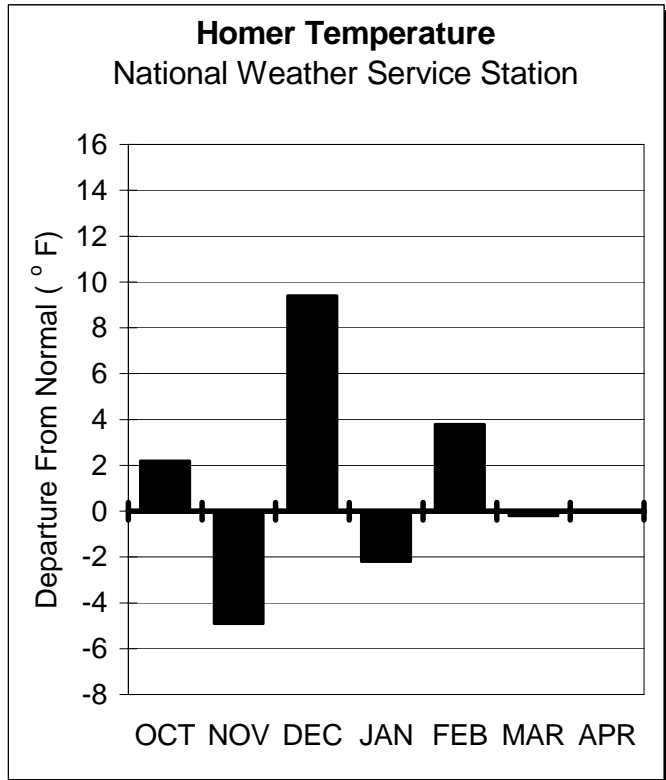
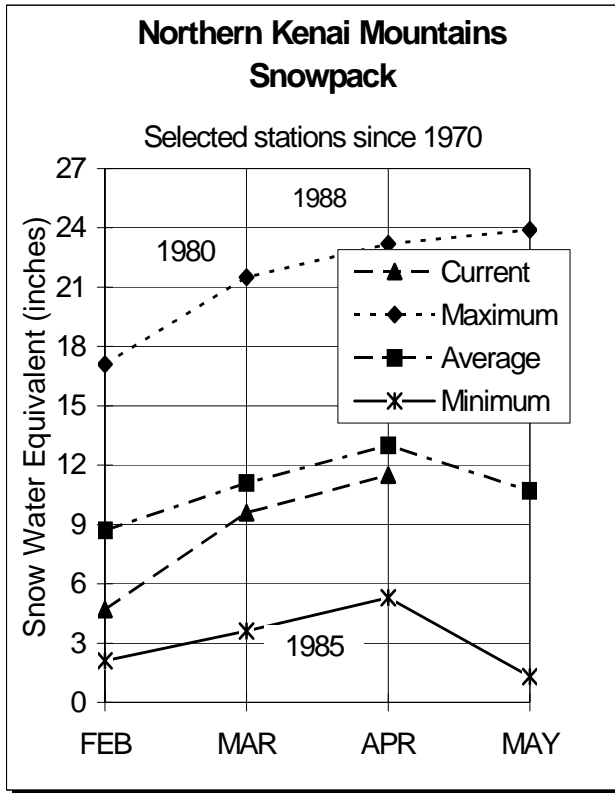
INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Anchorage Hillside	2080	3/28/06	10.5	New	--	---
Indian Pass	2350	3/29/06	18.0	28.5	23.9	75
Moraine	2100	3/31/06	10.4	11.4	--	---
Mt. Alyeska	1540	4/03/06	44.6	42.0	43.1	104
Point Mackenzie	200	4/04/06	5.1	11.1	8.1	58

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Beluga	3	67	103
Campbell Creek	2	83	86
Ship Creek	3	57	86
Turnagain Arm	3	131	86

KENAI PENINSULA*



Current Basin Conditions

The Nuka Glacier snow course water content is 56 percent of normal water content for April 1st. The precipitation received by the SNOTEL site at Nuka Glacier is 91 percent of normal since the beginning of the water year, October 1st, 2005.

The snow courses on the rim above Homer vary from 114 percent of normal at Bridge Creek to 83 percent of normal at Anchor River Divide. The area, as a whole, is 95 percent of normal.

The Pass Creek snow course in the Resurrection Creek basin is 105 percent of normal and the Resurrection Pass snow course is 92 percent of normal with 37 inches of snow and 10.0 inches of water content. The Snowmelt Runoff Index for Resurrection Creek near Hope is minus 2.6, 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 (inches)	Water Content	Snow Depth	Water Content
Anchor River Divide	1600	4/01/06	41	10.4	48	12.4	40	11.7
Bertha Creek	950	3/29/06	50	14.3	46	12.0	57	17.6
Bridge Creek	1300	4/3/06	51	14.7	38	10.8	44	12.9
Cooper Lake	1200	4/01/06	40	12.5	47	13.6	50	15.0
Demonstration Forest	780	4/03/06	30	8.7	8	1.8	32	9.5
Eagle Lake	1400	4/01/06	42	11.7	39	12.1	42	12.7
Grandview	1100	3/31/06	95	30.1	60	18.9	41	27.8
Grouse Creek Divide	700	4/02/06	36	10.8	42	12.7	24	18.4
Jean Lake	620	4/02/06	10	3.1	2	1.0	0	4.0
Kachemak Creek	1660	3/29/06	41	16.2	New		--	---
Kenai Moose Pens	300	3/30/06	16	4.8	13	3.5	3	4.1
Kenai Summit	1390	3/29/06	48	13.9	49	12.9	29	14.3
McNeil Canyon	1320	4/01/06	34	9.7	33	10.1	41	11.7
Moose Pass	700	3/29/06	17	6.3	4	0.6	21	7.1
Nuka Glacier	1250	3/29/06	48	22.3	84	32.0	95	39.5
Pass Creek	1200	3/31/06	32	9.0	33	9.1	32	8.6
Port Graham	300	3/31/06	38	10.8	22	3.2	--	---
Resurrection Pass	2250	4/01/06	37	10.0	41	10.7	38	10.9
Snug Harbor Road	500	4/02/06	12	4.0	3	1.0	18	15.1
Summit Creek	1400	3/29/06	37	9.8	45	12.7	43	11.7
Turnagain Pass	1880	3/31/06	104	36.4	87	26.5	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	855	92	1000	730

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

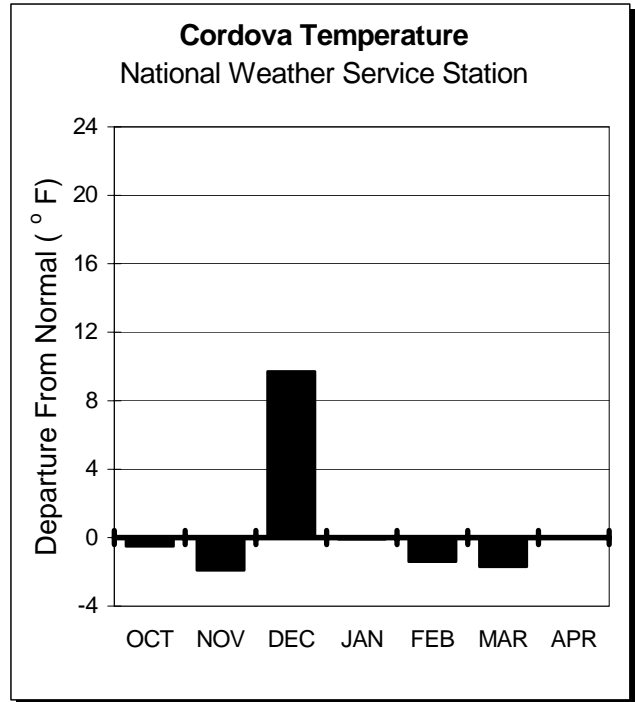
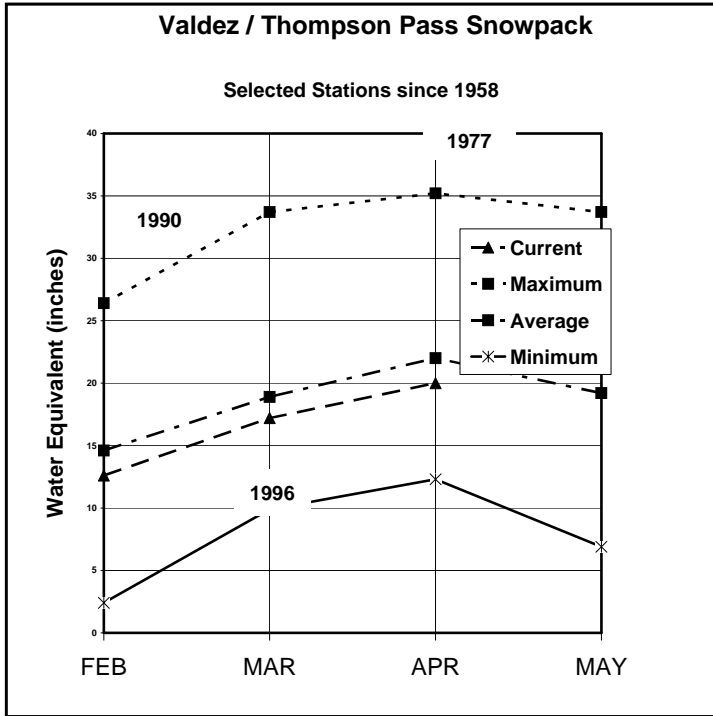
Precipitation Gauge	Elevation (feet)	Date	This Year	Last Year	1971-2000 Ave	% of Average
Anchor River Divide	1600	3/31/06	15.5	20.7	---	---
Cooper Lake	1200	4/02/06	18.8	27.2	23.4	80
Grandview	1100	3/31/06	43.7	33.9	37.0	118
Grouse Creek Divide	700	4/02/06	30.8	42.0	35.5	87
Kachemak Creek	1660	3/29/06	37.2	37.0	---	---
Kenai Moose Pens	300	3/31/06	6.3	6.7	8.2	77
McNeil Canyon	1320	4/01/06	13.6	18.1	15.6	87
Middle Fork Bradley**	2300	3/30/06	27.4	36.8	34.3	80
Nuka Glacier**	1250	3/29/06	47.5	56.1	53.1	90
Port Graham	300	3/31/06	41.7	54.5	---	---
Summit Creek	1400	3/29/06	11.7	15.2	16.2	72
Turnagain Pass	1880	3/31/06	36.9	31.9	39.8	93

**Wyoming shielded gauge

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Bradley Lake	2	86	56
Ninilchik Dome	5	129	95
Northern Kenai Mountains	12	115	90
Northern Kenai Flats	1	137	98

WESTERN GULF*



Current Basin Conditions

The Mt. Eyak SNOTEL site, above Cordova, has 47 inches of snow depth with an estimated water content of 15.5 inches, an increase of 5.0 inches water content.

The three new precipitation gauges in Prince William Sound have received significant rain and snow since October 1st. Esther Island has received 86.5 inches, Port San Juan has received 78.5 inches and Tatitlek has received 44.4 inches of precipitation as of April 1st.

The Sugarloaf Mountain snow course has an estimated 26.5 inches of snow water content, 95 percent of normal.

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

Western Gulf

SNOWPACK DATA

Snow Course	Elev. (feet)	Date	THIS YEAR		LAST YEAR		1971-2000 AVERAGE	
			Snow Depth	Water Content	Sow Depth (inches)	Water Content	Snow Depth	Water Content
Exit Glacier	400	No Report			48	17.2	57	15.9
Grouse Creek Divide	700	4/02/06	36	10.8	42	12.7	57	18.4
Low River	600	3/29/06	47	14.6	61	16.9	54	17.1
Mt. Eyak	1405	3/31/06	47	15.5	New		--	--
Nuka Glacier	1250	3/29/06	48	22.3	84	32.0	95	39.5
Sugarloaf Mountain	550	3/31/06	72	26.5	105	37.2	87	28.0
Tsaina River	1650	3/31/06	61	17.6	58	17.4	57	17.6
Upper Tsaina River	1750	4/01/06	66	19.6	69	21.4	--	--
Valdez	50	3/29/06	46	15.2	65	23.4	54	17.8
Worthington Glacier	2100	3/29/06	74	23.6	88	30.4	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	3/31/06	86.5	New	--	--
Grouse Creek Divide	700	4/02/06	30.8	42.0	35.5	87
Mt. Eyak	1405	3/31/06	69.9	New	--	--
Nuka Glacier**	1250	3/29/06	47.5	56.1	53.1	90
Port San Juan	50	3/31/06	78.5	New	--	--
Solomon Gulch*	30	3/31/06	37.2	49.9	40.7	91
Sugarloaf Mountain	550	3/31/06	40.8	57.0	42.4	96
Tatitlek	50	3/31/06	44.4	New	--	--
Upper Tsaina River	1750	3/31/06	26.7	28.9	--	--

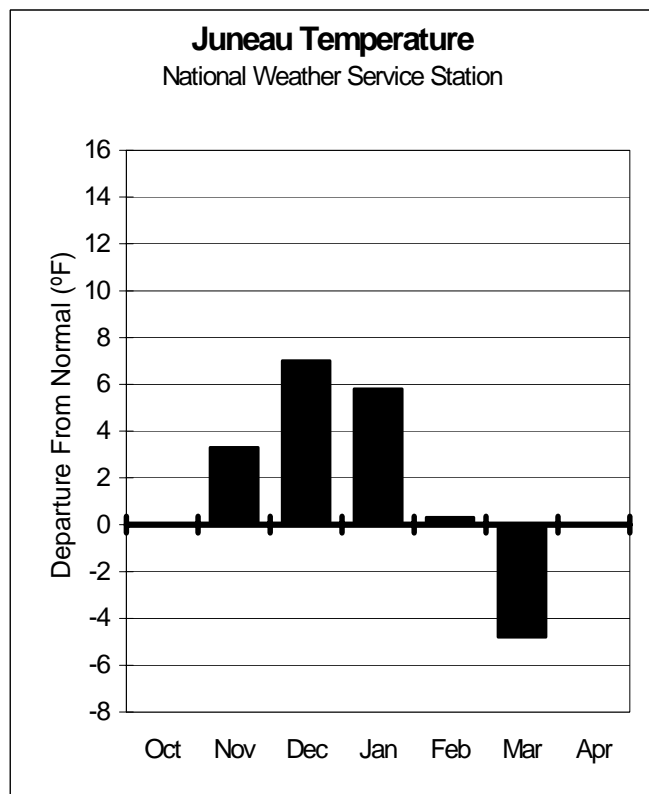
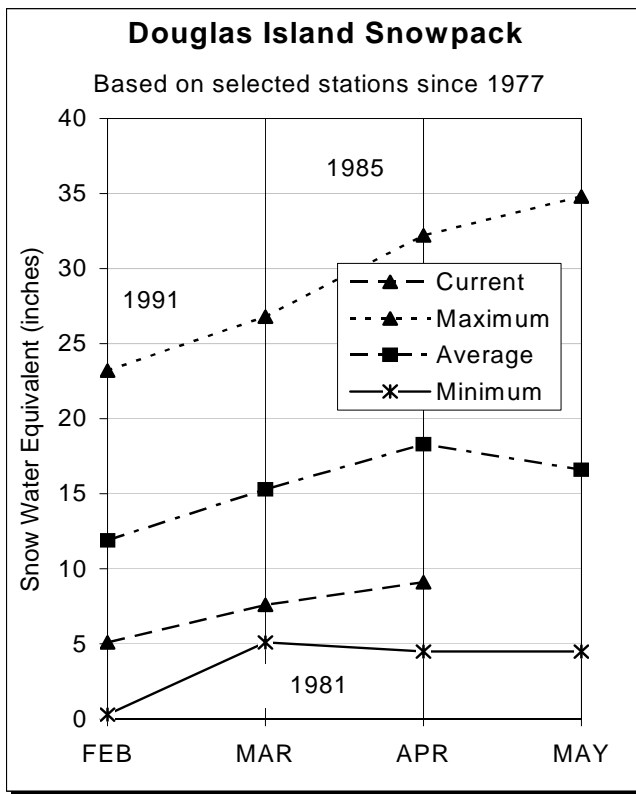
**Wyoming shielded gauge

*Copper Valley Electric Association

WATERSHED SNOWPACK ANALYSIS

Region / River Basin	No. of Courses Averaged	Percent of Last Year	Percent of Average
Low River (Valdez)	4	74	91

SOUTHEAST*



Snowcover:

The snow courses in the Swan Lake Hydroelectric project are 85 percent of normal and 203 percent of last year. The precipitation gauge has received 109.8 inches since October 1st, 124 percent of normal, but 6.3 inches less than last year.

The Long Lake SNOTEL site at the Snettisham Hydro-electric project is reporting 76 inches of snow depth and 26.9 inches of water content, 62 percent of normal.

The three snow courses on Douglas Island, across from Juneau, are 49 percent of normal collectively. Fish Creek is only 26 percent of average and Cropley Lake measured its 2nd lowest snow water content on record. The previous low was recorded in 1981. North of Skagway, Moore Creek Bridge snow water content is only 35 percent of normal; this is a record low value with the record beginning in 1989.

* 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	3/30/06	47	15.0	66	24.6	81	30.3
Eagle Crest	1200	3/30/06	35	10.6	35	12.1	54	18.5
Fish Creek	500	3/30/06	4	1.6	0	0.0	19	6.2
Lake Grace Pass	1900	3/29/06	82	29.3	90	26.7	--	--
Long Lake	850	4/01/06	76	26.9	81	37.0	--	--
Lost Lake	425	3/29/06	20	7.0	2	0.5	--	--
Mint Creek Ridge	1900	3/29/06	81	28.7	55	12.0	--	--
Moore Creek Bridge	2250	3/30/06	33	9.2	58	20.0	73	26.2
Petersburg Reservoir	550	3/31/06	22	7.4	0	0.0	15	6.2
Petersburg Ridge	1650	3/30/06	61	19.4	28	9.2	71	26.4
Speel River	280	3/31/06	55	18.8	52	22.2	78	31.1
Upper Swan Lake	1700	3/29/06	52	18.8	6	2.0	--	--

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	25	76	30	19

PRECIPITATION DATA

INCHES ACCUMULATED SINCE OCTOBER 1ST

Precipitation Gauge	Elev.	Date	This Year	Last Year	71-2000 Ave	% of Average
Long Lake	850	3/31/06	109.1	95.2	---	---
Snettisham	25	3/31/06	105.2	137.8	106.8	98
Swan Lake	50	3/31/06	109.8	116.1	88.2	124
Moore Creek Bridge	2250	3/30/06	31.8	27.7	---	---

WATERSHED SNOWPACK ANALYSIS

REGION / RIVER BASIN	# COURSES AVERAGED	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Douglas Island	3	74	49
Long Lake	2	85	60
Petersburg	2	291	82
Swan Lake	4	203	85

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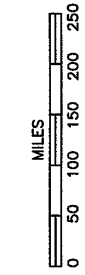
e-mail: Casey.Sheley@ak.usda.gov

HYDROLOGIC BASINS ALASKA

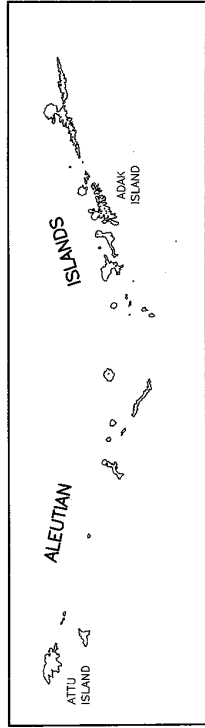
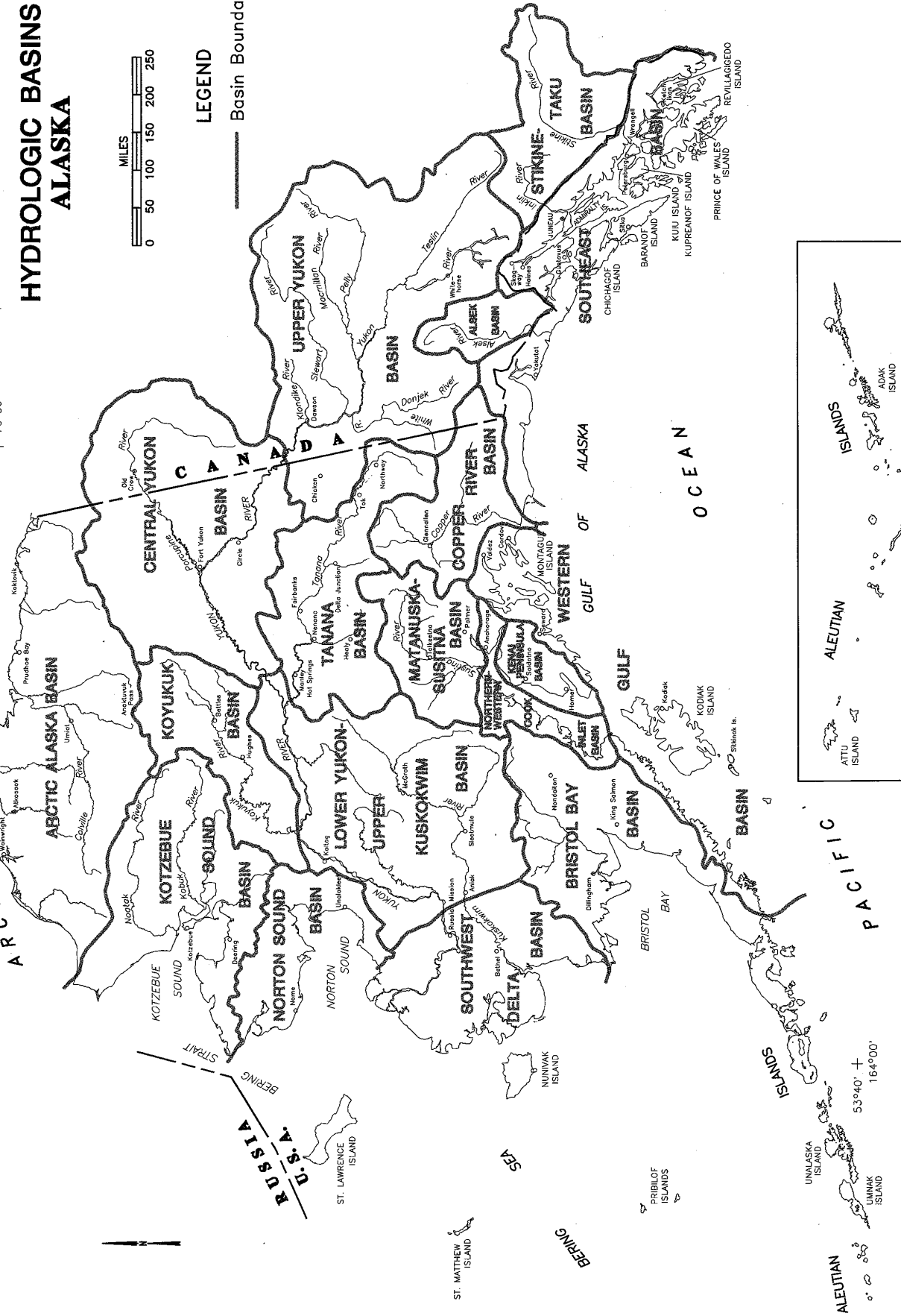
137°00' + 70°00'

OCEAN

ARCTIC OCEAN



LEGEND
 — Basin Boundaries



PACIFIC OCEAN

53°40' + 164°00'

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

