



Utah Water Supply Outlook Report

May, 2009



Beau Uriona at Timberline snow course, April 27, 2009. Photo by Randy Julander

Water Supply Outlook Reports and Federal - State - Private Cooperative Snow Surveys

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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 snowcourses 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.

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STATE OF UTAH GENERAL OUTLOOK

May 1, 2009

SUMMARY

April was a fantastic month for water supply in most areas of Utah – cool and wet. The combination of cool and wet does several things: 1) it adds to snowpacks and slows melt, 2) it keeps soils wet and loss rates to a minimum and 3) it delays and decreases water use. Cool, wet Aprils serve on balance to increase water supplies and we had a nice, cool, wet April. The Bear, Weber and Provo watersheds had melt rates near 70% of average due to the cooler, wetter conditions. The Uintas, SE and SW Utah had melt rates near average and the Sevier was slightly below normal. Currently snowpacks on the Bear, Weber and Provo watersheds are near average and below average on the Uintas, SE, SW Utah and the Sevier River areas. Snow stations in the Moab and Monticello area have melted out and streamflow there will rapidly decline. April precipitation was above to much above normal (122%-160%) in all areas of Utah except the SW portion which had average accumulations. This brings the year to date precipitation to near normal in all areas of the State. Current soil moisture saturation levels in runoff producing areas are: Bear – 74%, Weber – 74%, Provo – 75%, Uintah Basin – 75%, SE Utah – 75%, Sevier – 71% and SW Utah – 69%, up substantially from last month. Drier soils typically mean less runoff from snowmelt. Reservoir storage is currently at 70% of capacity statewide compared to 61% last year. General water supply conditions are near average in northern Utah and the Virgin and near to below average in central Utah. Streamflow forecasts for May-July range from 18% for South Creek above Lloyd's Reservoir near Monticello to 125% of average on South Willow Creek near Grantsville. Surface Water Supply Indices range from 17% in the Moab area to 85% for the Weber River.

SNOWPACK

May first snowpacks as measured by the NRCS SNOTEL system are as follows: Bear - 99%, Weber - 108%, Provo - 104%, Uintas - 75%, southeast Utah - 64%, Sevier - 86%, southwest Utah - 66% and the statewide figure is 93% of average. Although the time frame is short, climate in May can yet impact runoff conditions – continued wet and cool will maximize runoff with dry and warm decreasing yields. Southern Utah is currently melting faster than normal with northern areas less than average.

PRECIPITATION

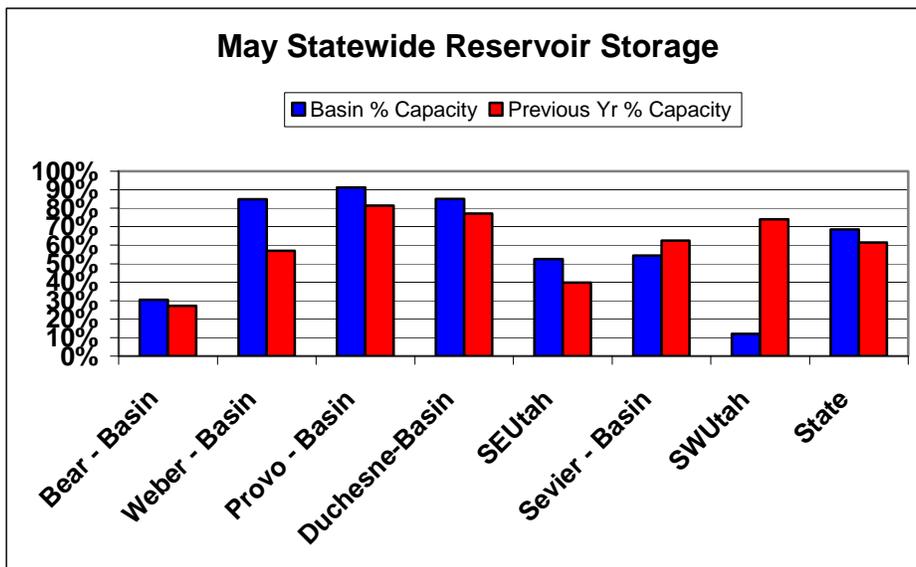
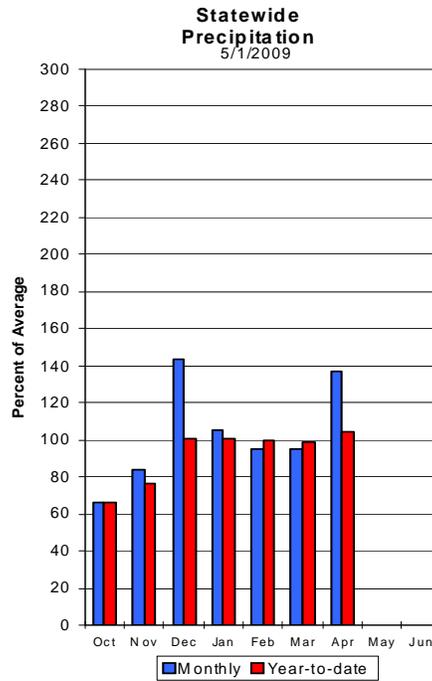
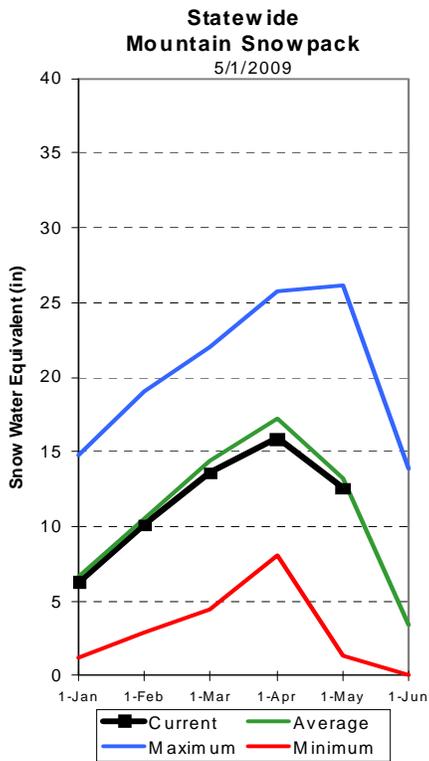
Mountain precipitation during April was: Bear – 122%, Weber – 148%, Provo – 160%, Uintas – 154%, SE Utah – 137%, Sevier – 115%, SW Utah – 105% and the statewide figure is 137% of average. This brings the seasonal accumulation (Oct-April) to 104% of average statewide.

RESERVOIRS

Storage in 41 of Utah's key irrigation reservoirs is at 70% of capacity up 9% compared to May of last year. The Sevier Watershed is the only area of the state that currently has less reservoir storage than last year. Overall, most small and medium sized reservoirs should easily fill. Reservoir such as Bear Lake will not.

STREAMFLOW

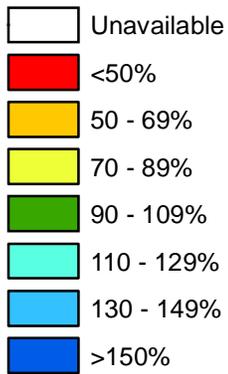
Snowmelt streamflows are expected to have a wide range from much below average to above average across the state of Utah this year. Forecast streamflows range from 18% for South Creek above Lloyd's Reservoir near Monticello to 125% of average on South Willow Creek near Grantsville.



Utah SNOTEL Water Year (Oct 1) to Date Precipitation % of Normal

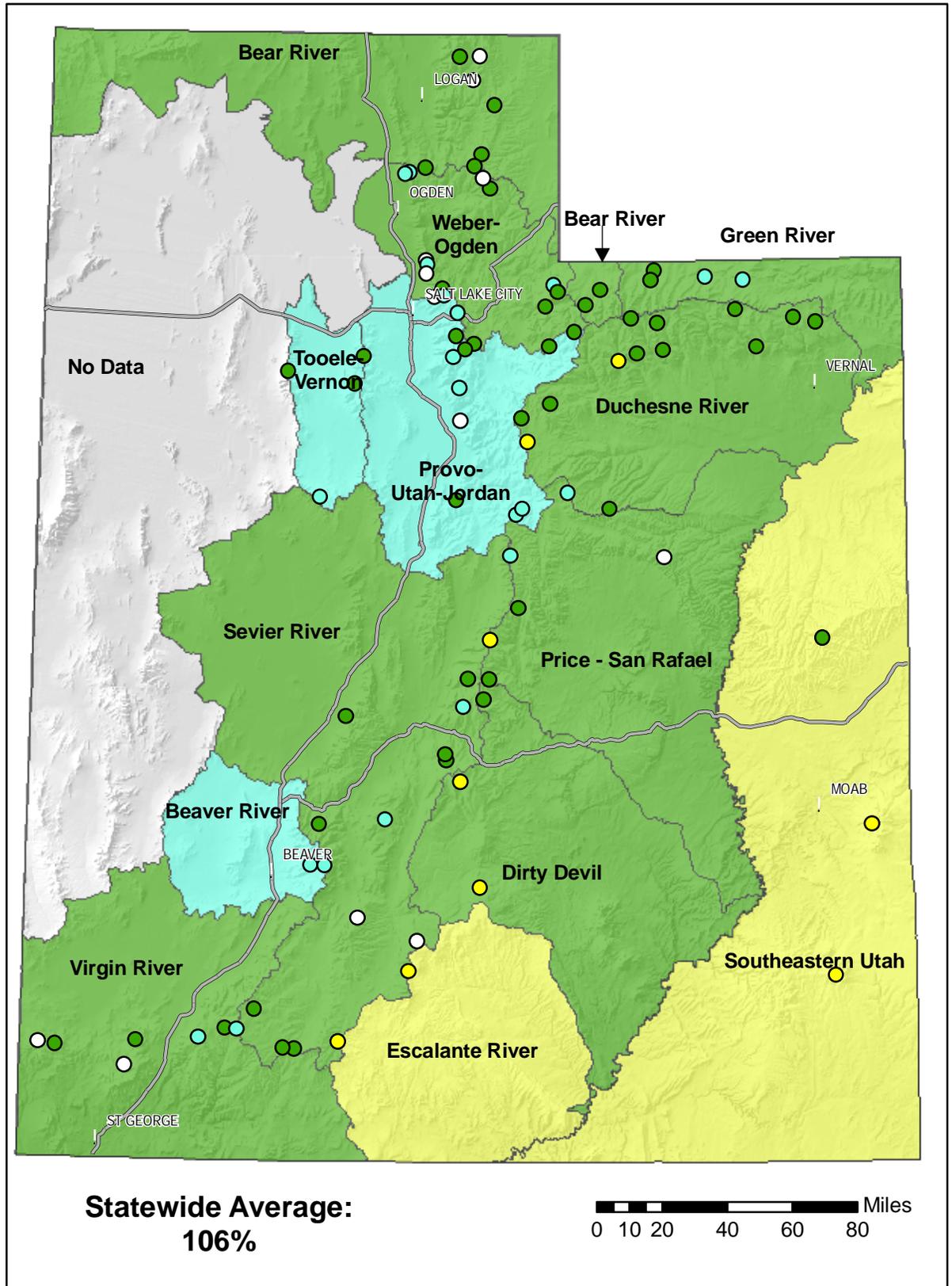
May 1, 2009

Water Year (Oct 1) to Date Precipitation Basin-wide Percent of 1971-2000



* Data unavailable at time of posting or measurement is not representative at this time of year.

**Provisional Data
Subject to Revision**



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

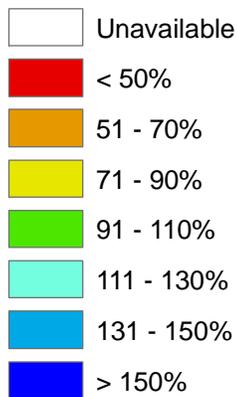
Prepared by the USDA/NRCS Utah DCO
Salt Lake City, Utah <http://www.ut.nrcs.usda.gov/snow/>
Based on data from <http://www.wcc.nrcs.usda.gov/reports/>
Science contact: Mike Bracco michael.bricco@ut.usda.gov

Utah

SNOTEL Current Snow Water Equivalent (SWE) % of Normal

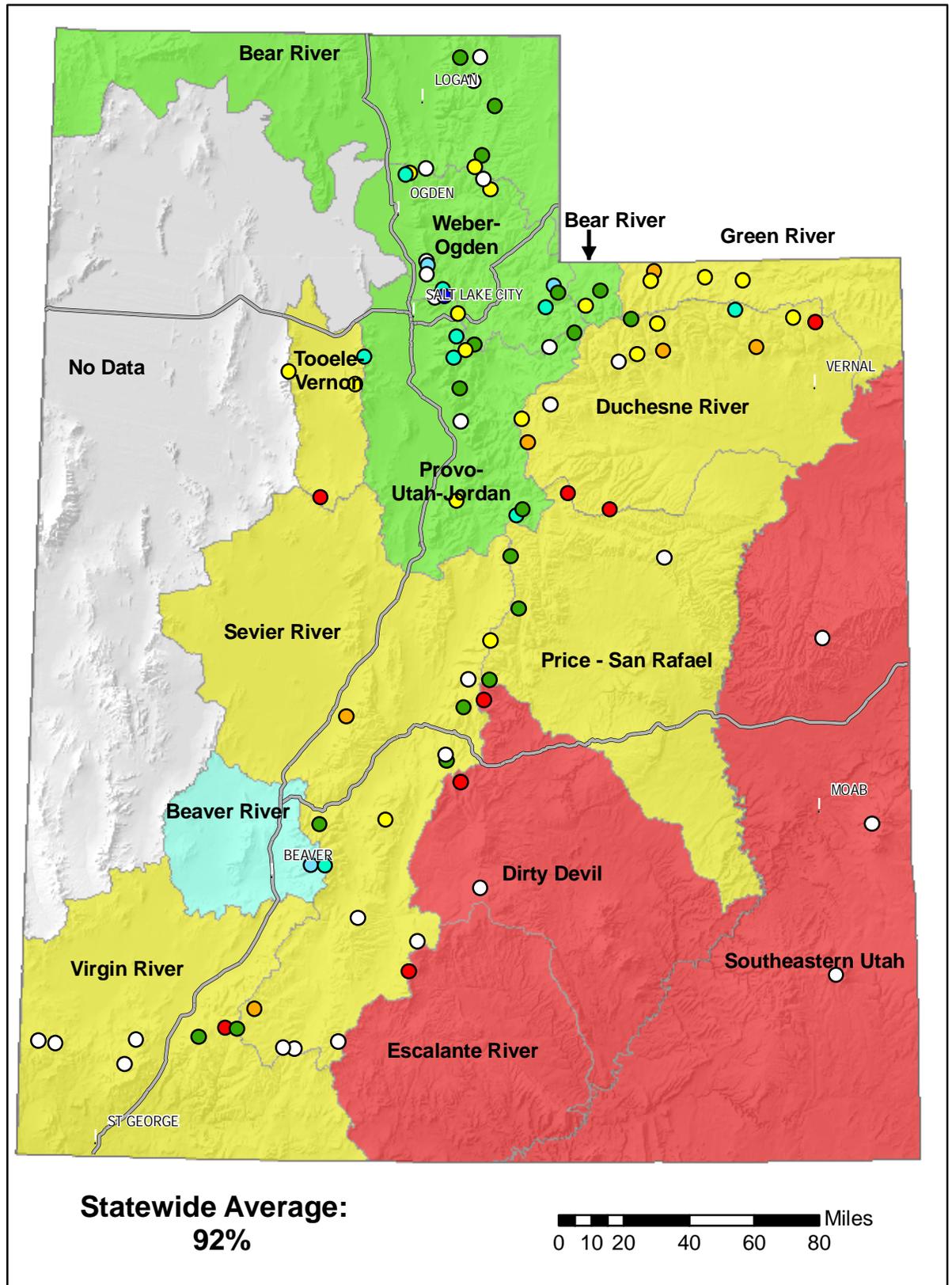
May 1, 2009

**Snow Water Equivalent (swe)
Basin-Wide % of
1971-2000 Normal**



** Data unavailable at time of posting or measurement is not representative at this time of year.*

**Provisional Data
Subject to Revision**

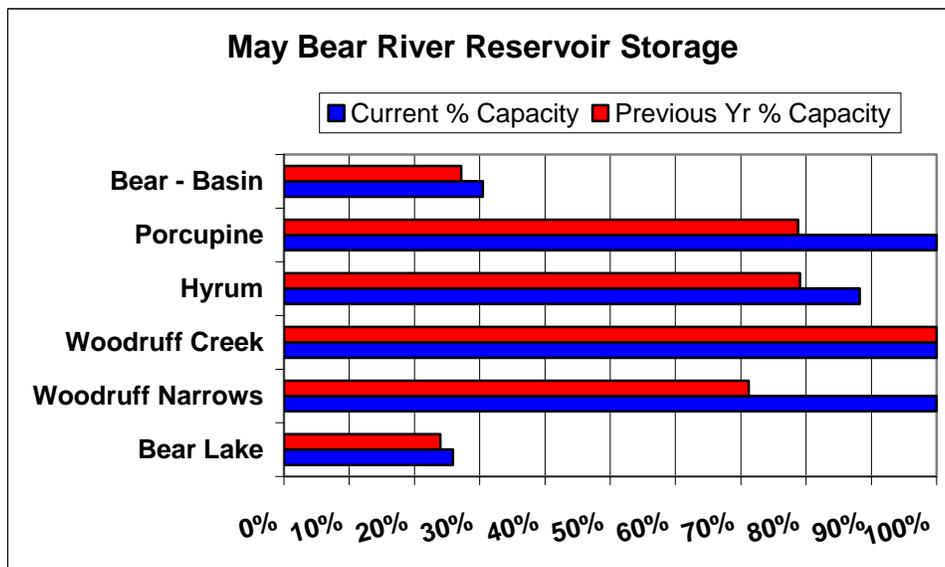
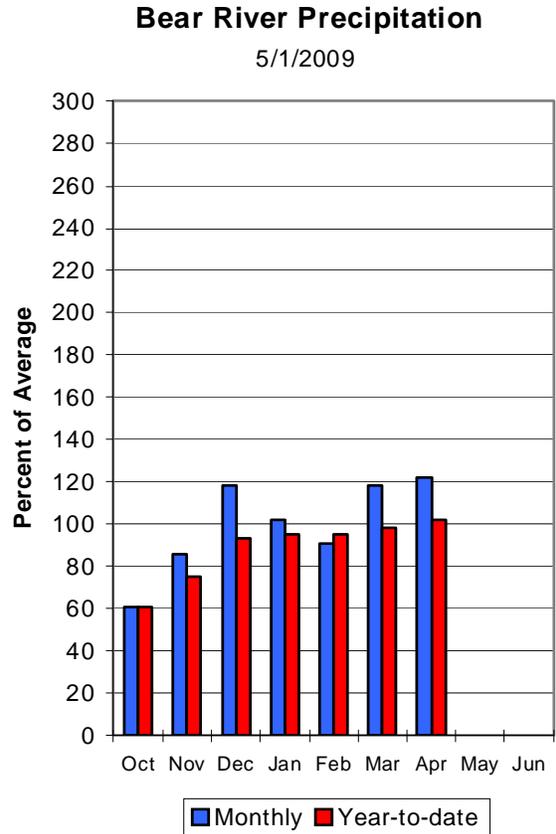
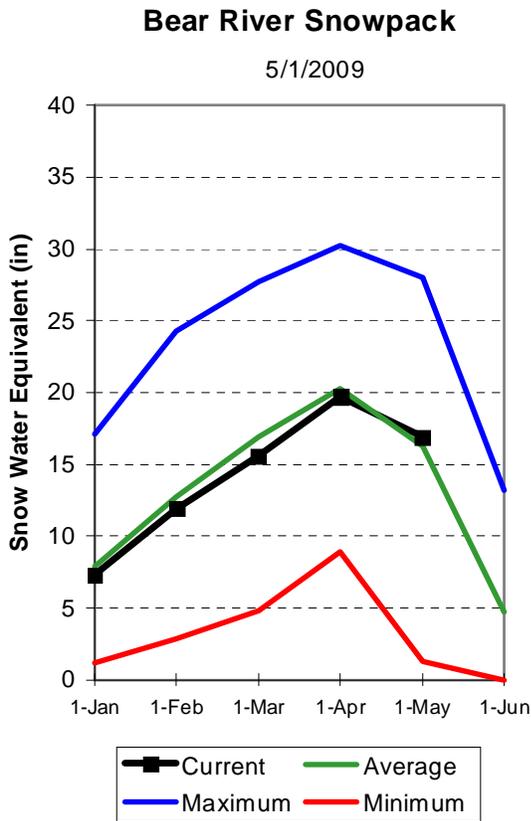


The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

Prepared by the USDA/NRCS Utah DCO
Salt Lake City, Utah: <http://www.ut.nrcs.usda.gov/snow/>
Based on data from <http://www.wcc.nrcs.usda.gov/reports/>
Science contact: Mike Bracco michael.bricco@ut.usda.gov

Bear River Basin May 1, 2009

Snowpacks on the Bear River Basin are average at 99% of normal, about 94% of last year. Individual sites range from 166% of normal at CCC Camp snow course to 0% at some lower elevation sites. April precipitation was above average at 122%, which brings the seasonal accumulation (Oct-April) to 102% of average. Soil moisture levels in runoff producing areas are at 74% of saturation in the upper 2 feet of soil compared to 69% last year. Forecast streamflows (May-July) range from below to near average (89%-106%) volumes for this spring and summer. Reservoir storage is low at 26% of capacity, which is up 2% from this time last year. The Surface Water Supply Index is at 21% for the Bear River Basin, in other words, 79% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage in Bear Lake.



BEAR RIVER BASIN
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	<----- Drier ----- Future Conditions ----- Wetter ----->						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Bear R nr UT-WY State Line	APR-JUL	92	106	115	102	124	138	113
	MAY-JUL	86	99	107	100	115	128	107
Bear River ab Reservoir nr Woodruff	APR-JUL	101	119	132	97	145	163	136
	MAY-JUL	87	104	116	100	128	145	116
Big Creek nr Randolph	APR-JUL	4.00	4.50	4.80	98	5.10	5.60	4.90
	MAY-JUL	1.94	3.20	4.30	100	5.50	7.60	4.30
Smiths Fork nr Border	APR-JUL	98	103	106	103	109	114	103
	MAY-JUL	90	95	98	103	101	106	95
Bear River at Stewart Dam	APR-JUL	135	163	183	78	204	238	234
	MAY-JUL	111	143	165	89	187	219	186
Little Bear at Paradise, UT	APR-JUL	37	47	53	115	59	69	46
	MAY-JUL	19.4	28	34	106	40	49	32
Logan nr Logan, UT	APR-JUL	100	114	123	98	132	146	126
	MAY-JUL	85	99	108	100	117	131	108
Blacksmith Fk nr Hyrum, UT	APR-JUL	31	44	53	110	62	75	48
	MAY-JUL	21	33	41	103	49	61	40

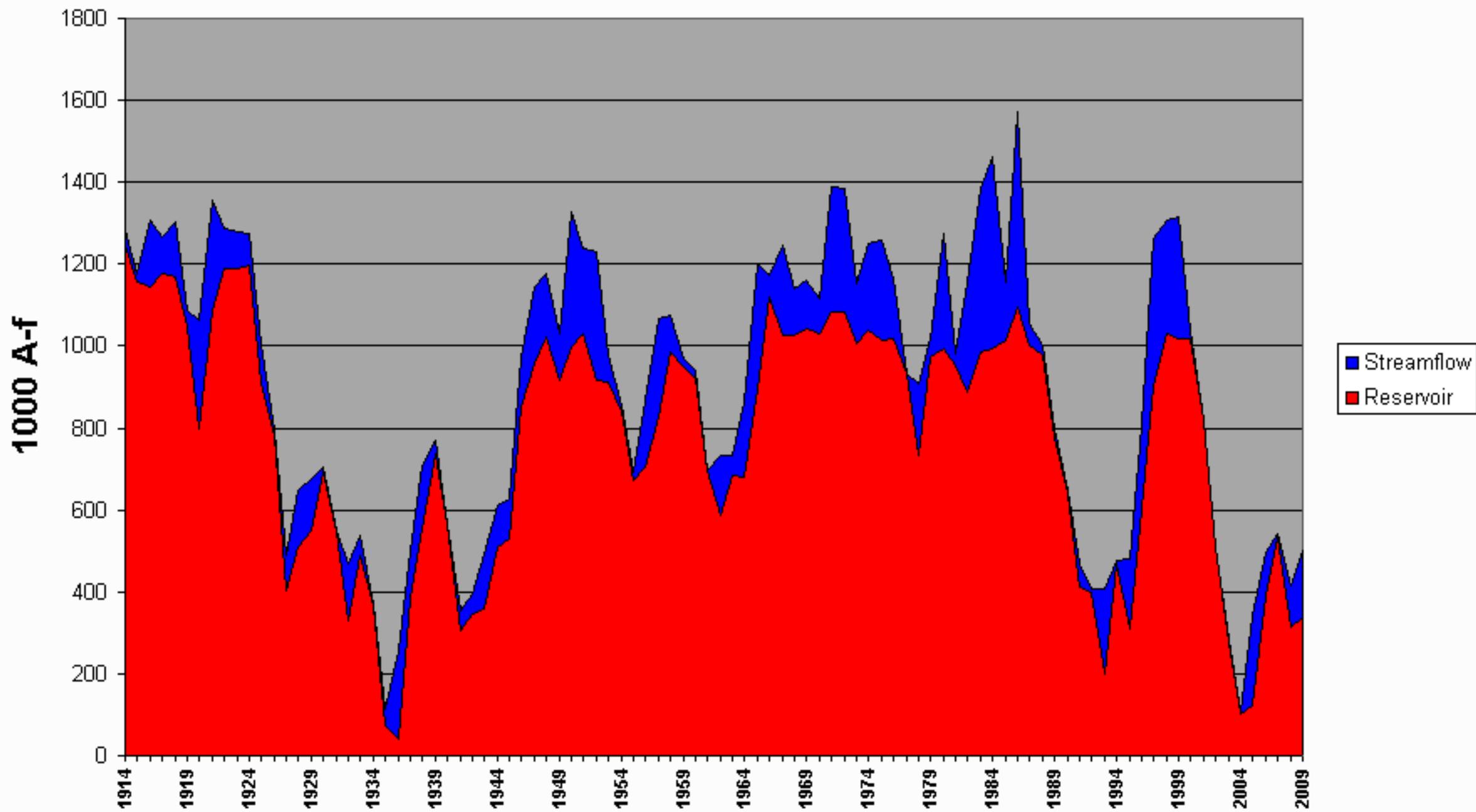
BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of April					BEAR RIVER BASIN Watershed Snowpack Analysis - May 1, 2009			
Reservoir	Usable Capacity	*** This Year	Usable Last Year	Storage *** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr Average	
BEAR LAKE	1302.0	337.4	311.9	---	BEAR RIVER, UPPER	8	96	100
HYRUM	15.3	13.5	12.1	13.2	BEAR RIVER, LOWER	9	95	97
PORCUPINE	11.3	11.3	8.9	9.5	LOGAN RIVER	4	98	104
WOODRUFF NARROWS	57.3	57.3	40.8	38.5	RAFT RIVER	1	83	120
WOODRUFF CREEK	4.0	4.0	4.0	---	BEAR RIVER BASIN	17	94	99

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Bear River Surface Water Supply Index

May



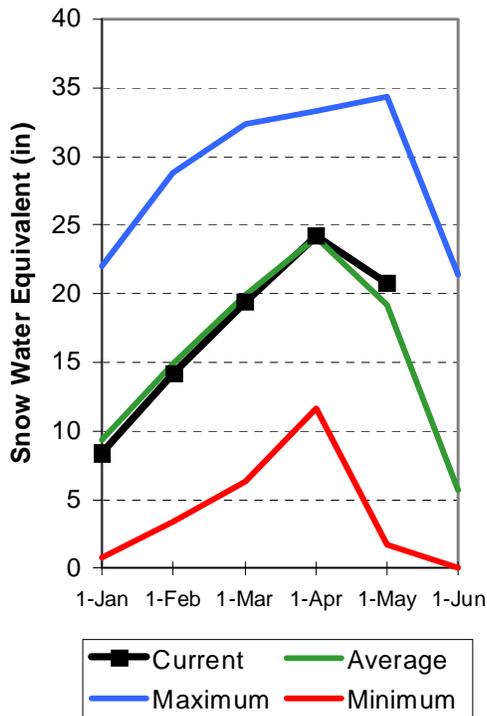
Weber and Ogden River Basins

May 1, 2009

Snowpacks on the Weber and Ogden Watersheds are average at 108%, about 89% of last year. Individual sites range from 144% to 0% of average. April precipitation was much above average at 148% bringing the seasonal accumulation (Oct-April) to 108% of average. Soil moisture levels in runoff producing areas are at 74% of saturation in the upper 2 feet of soil compared to 70% last year. Streamflow forecasts (May-July) range from 100% to 122% of average. Reservoir storage is at 85% of capacity, 28% higher than last year. The Surface Water Supply Index is at 85% for the Weber River and 70% for the Ogden River indicating that overall water supply conditions are above average.

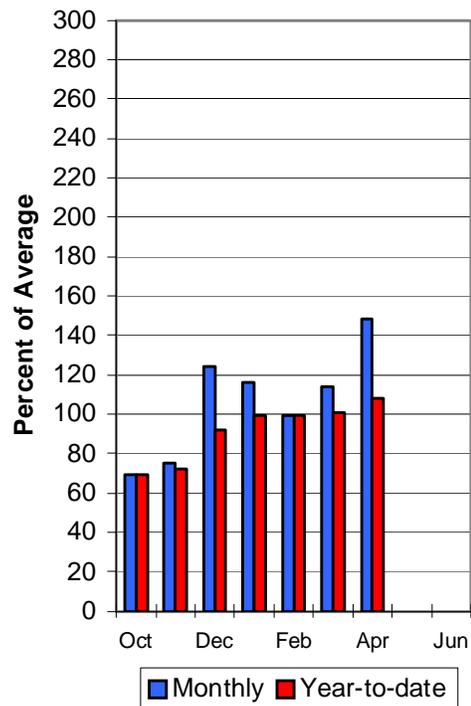
Weber River Snowpack

5/1/2009

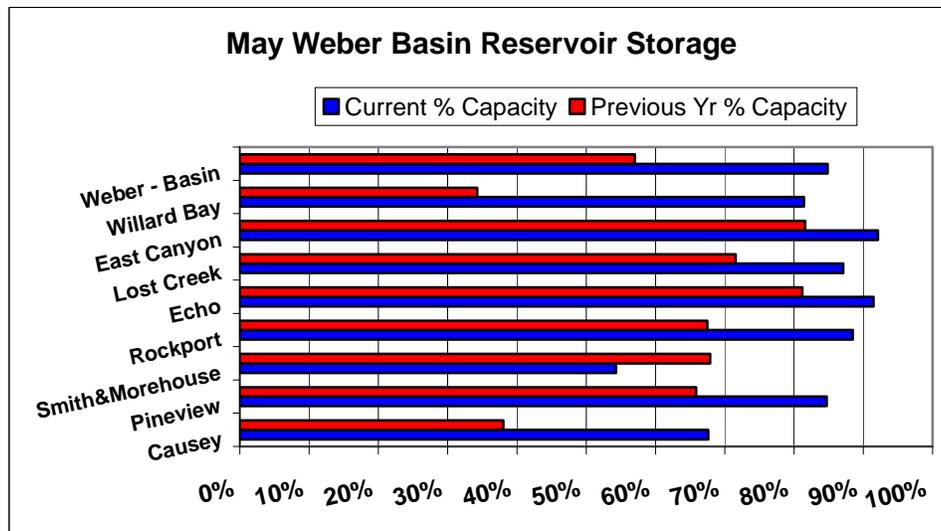


Weber River Precipitation

5/1/2009



May Weber Basin Reservoir Storage



WEBER & OGDEN WATERSHEDS in Utah
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	<<==== Drier ==== Future Conditions ==== Wetter ====>>						30-Yr Avg. (1000AF)		
		90% (1000AF)		70% (1000AF)		Chance Of Exceeding * (1000AF) (% AVG.)			30% (1000AF) 10% (1000AF)	
Smith & Morehouse Res inflow	APR-JUL	32	34	36	106	38	40	34		
	MAY-JUL	29	31	33	107	35	37	31		
Weber R nr Oakley, UT	APR-JUL	110	123	131	107	139	152	123		
	MAY-JUL	97	110	119	105	128	141	113		
Rockport Reservoir	APR-JUL	114	130	141	105	152	168	134		
	MAY-JUL	94	110	120	100	130	146	120		
Weber R nr Coalville, UT	APR-JUL	112	131	144	105	157	176	137		
	MAY-JUL	92	109	120	105	131	148	114		
Chalk Ck at Coalville, UT	APR-JUL	34	45	53	118	61	72	45		
	MAY-JUL	26	38	45	122	52	64	37		
Echo Resv at Echo, UT	APR-JUL	117	157	184	103	211	251	179		
	MAY-JUL	101	136	160	105	184	219	152		
Lost Ck Resv Inflow	APR-JUL	8.6	13.0	16.0	91	19.0	23	17.6		
	MAY-JUL	6.5	10.4	13.0	101	15.6	19.5	12.9		
East Canyon Ck nr Morgan, UT	APR-JUL	22	30	36	116	42	50	31		
	MAY-JUL	16.1	22	26	118	30	36	22		
Weber R at Gateway, UT	APR-JUL	226	315	375	106	435	524	355		
	MAY-JUL	170	242	290	106	338	410	273		
SF Ogden R nr Huntsville, UT	APR-JUL	57	65	70	109	75	83	64		
	MAY-JUL	40	47	51	109	55	62	47		
Pineview Resv Inflow	APR-JUL	98	129	149	112	169	200	133		
	MAY-JUL	62	84	100	112	116	138	89		
Wheeler Ck nr Huntsville, UT	APR-JUL	5.00	6.10	6.90	110	7.70	8.80	6.30		
	MAY-JUL	2.60	4.00	4.90	114	5.80	7.20	4.30		

WEBER & OGDEN WATERSHEDS in Utah
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage ***		
		This Year	Last Year	Avg
CAUSEY	7.1	4.8	2.7	4.0
EAST CANYON	49.5	45.6	40.4	40.5
ECHO	73.9	67.6	60.0	52.9
LOST CREEK	22.5	19.6	16.1	15.6
PINEVIEW	110.1	93.3	72.5	77.7
ROCKPORT	60.9	53.9	41.1	38.6
WILLARD BAY	215.0	175.1	73.7	168.0

WEBER & OGDEN WATERSHEDS in Utah
Watershed Snowpack Analysis - May 1, 2009

Watershed	Number of Data Sites	This Year as % of	
		Last Yr	Average
OGDEN RIVER	4	88	104
WEBER RIVER	9	90	111
WEBER & OGDEN WATERSHEDS	13	89	108

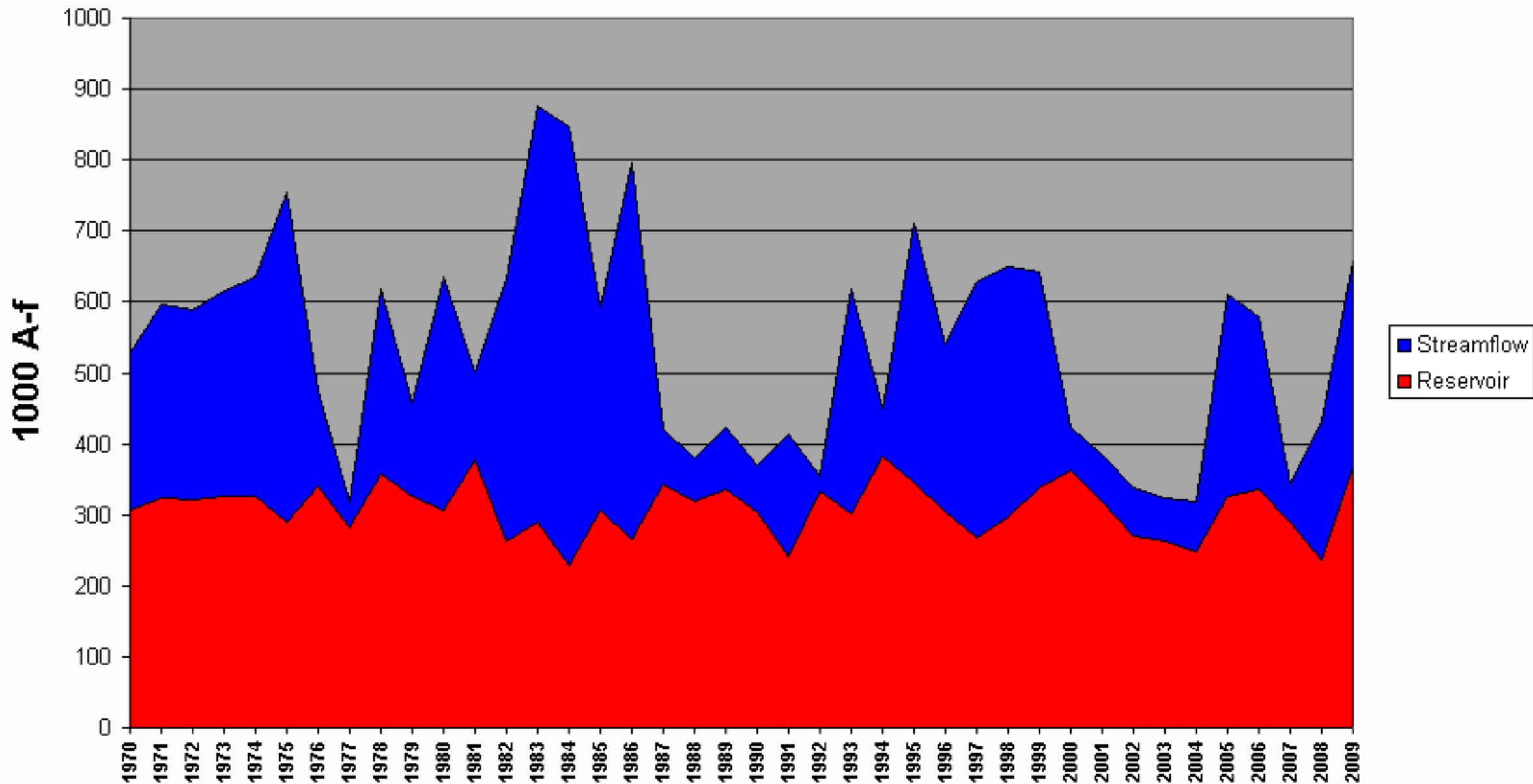
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

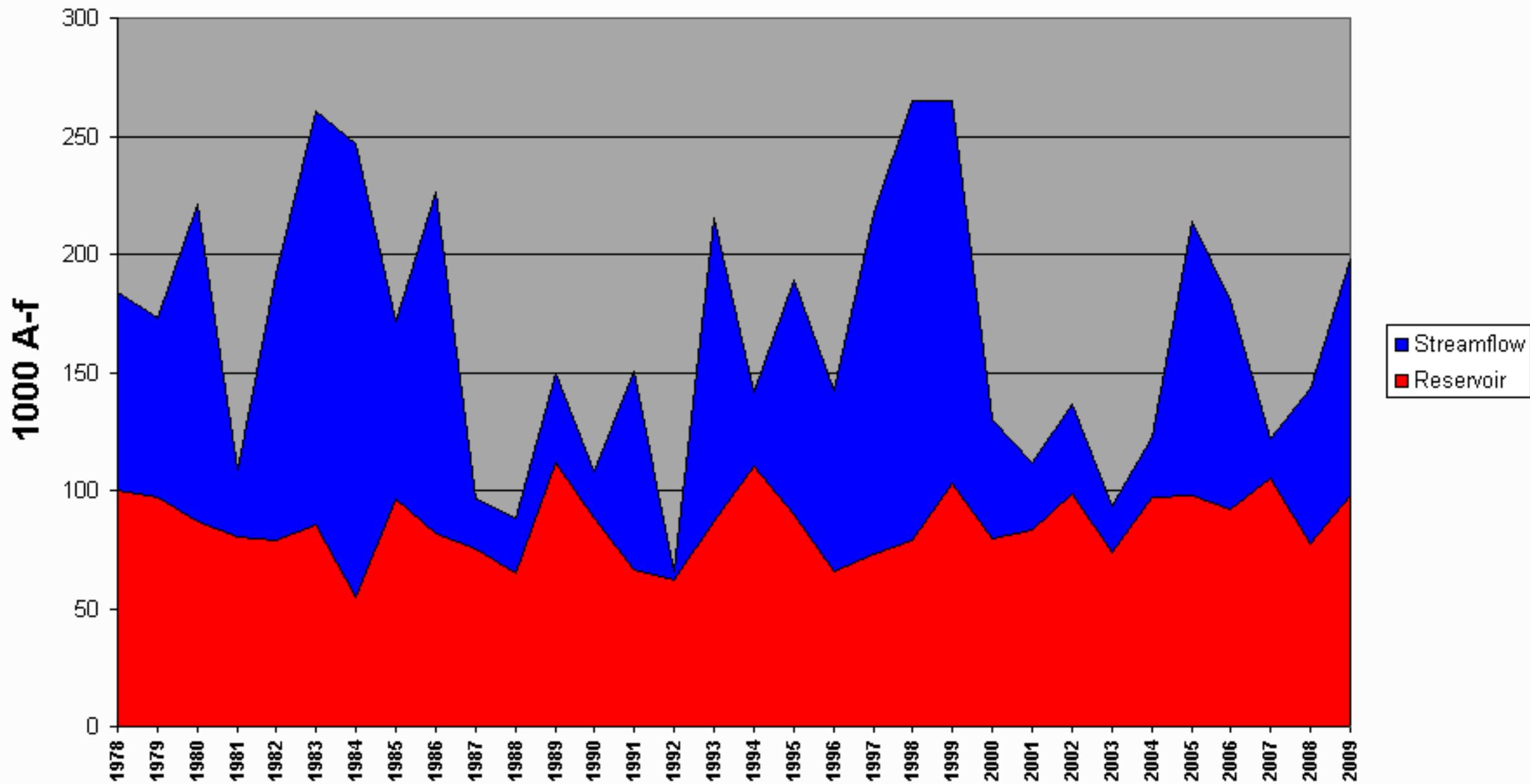
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Weber River Surface Water Supply Index

May



Ogden Surface Water Supply Index May

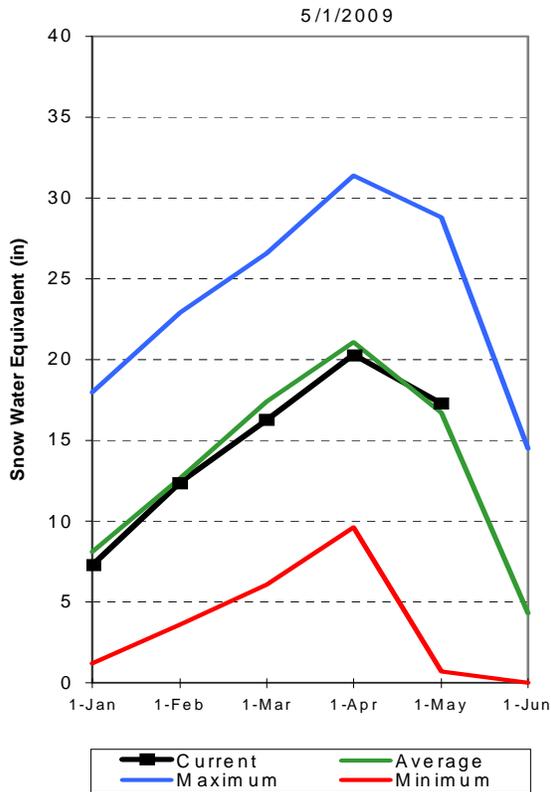


Utah Lake, Jordan River & Tooele Valley Basins

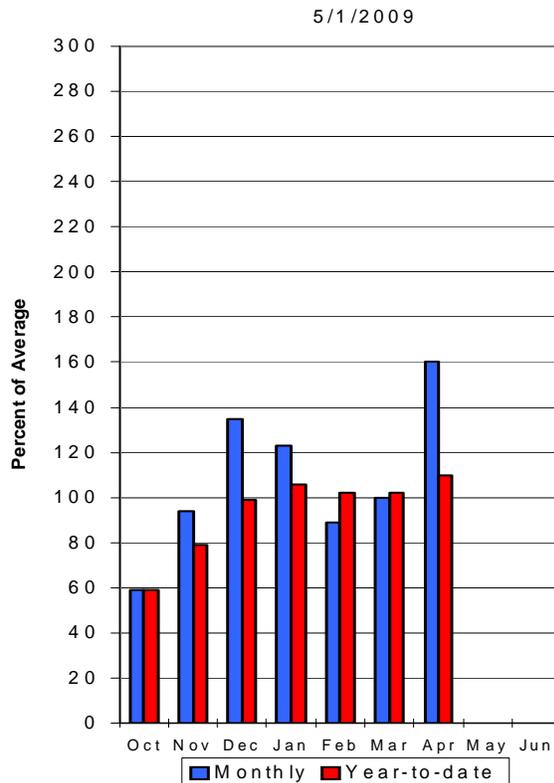
May 1, 2009

Snowpack over these basins are near average at 104%, which is 85% of last year. Individual sites range from melted out to 153% of average at the Lookout Peak Snotel. April precipitation was much above average at 160%, bringing the seasonal accumulation (Oct-Apr) to 110% of average. Average soil moisture in runoff producing areas is estimated at 75% of saturation in the upper 2 feet of soil compared to 67% at this time last year. Reservoir storage is at 91% of capacity, 10% higher than last year at this time. Streamflow forecasts (May-July) range from 90% to 125% of average. The Surface Water Supply Index below Deer Creek reservoir is 48%, indicating general water supply conditions are near normal.

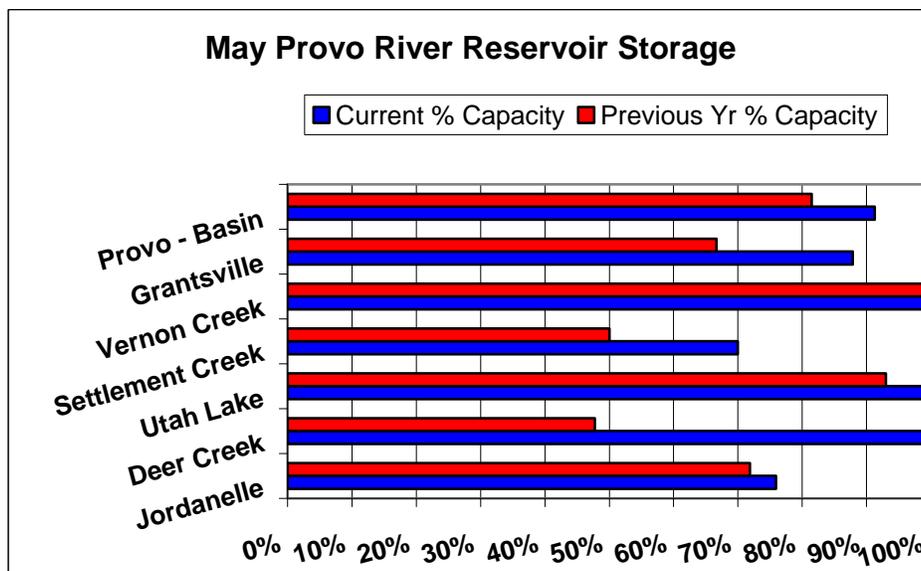
Provo River Snowpack



Provo River Precipitation



May Provo River Reservoir Storage



UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		=====		>>===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
Spanish Fk at Castilla, UT	APR-JUL	5.7	48	77	100	106	148	77
	MAY-JUL	-5.5	34	60	100	86	125	60
Provo River nr Woodland	APR-JUL	78	95	107	104	120	141	103
	MAY-JUL	70	83	92	100	101	114	92
Provo River nr Hailstone	APR-JUL	76	95	109	100	124	148	109
	MAY-JUL	69	84	95	100	107	125	95
Provo R blw Deer Ck Dam, UT	APR-JUL	98	116	129	102	142	160	126
	MAY-JUL	74	91	102	100	113	130	102
American Fk abv Upper Powerplant	APR-JUL	25	30	34	106	38	43	32
	MAY-JUL	23	28	32	107	36	41	30
Utah Lake inflow	APR-JUL	225	302	355	109	408	485	325
	MAY-JUL	125	202	255	107	308	385	239
W Canyon Ck nr Cedar Fort, UT	APR-JUL	1.36	1.86	2.20	92	2.50	3.00	2.40
	MAY-JUL	1.11	1.58	1.90	91	2.20	2.70	2.10
Little Cottonwood Ck nr SLC	APR-JUL	33	39	43	108	48	55	40
	MAY-JUL	32	37	40	108	44	49	37
Big Cottonwood Ck nr SLC, UT	APR-JUL	29	35	39	103	43	49	38
	MAY-JUL	27	32	36	109	40	45	33
Mill Ck nr SLC, UT	APR-JUL	4.70	6.70	8.10	116	9.50	11.50	7.00
	MAY-JUL	4.30	6.00	7.20	122	8.40	10.10	5.90
Parleys Ck nr SLC, UT	APR-JUL	11.4	15.2	17.8	107	20	24	16.7
	MAY-JUL	8.9	12.2	14.4	113	16.6	19.9	12.8
Dell Fork nr SLC, UT	APR-JUL	4.40	6.80	8.50	125	10.20	12.60	6.80
	MAY-JUL	2.10	4.30	5.80	116	7.30	9.50	5.00
Emigration Ck nr SLC, UT	APR-JUL	2.20	3.80	4.90	109	6.00	7.60	4.50
City Ck nr SLC, UT	APR-JUL	6.60	8.80	10.30	118	11.80	14.00	8.70
	MAY-JUL	5.20	7.20	8.50	116	9.80	11.80	7.30
Vernon Ck nr Vernon, UT	APR-JUL	0.61	1.20	1.60	108	2.00	2.60	1.48
	MAY-JUL	0.45	0.90	1.20	112	1.50	1.95	1.07
Settlement Ck nr Tooele, UT	APR-JUL	0.97	1.64	2.10	100	2.60	3.20	2.10
	MAY-JUL	0.77	1.38	1.80	98	2.20	2.80	1.83
South Willow Ck nr Grantsville, UT	APR-JUL	3.00	3.50	3.90	121	4.30	4.80	3.23
	MAY-JUL	2.60	3.20	3.50	125	3.80	4.40	2.80

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Reservoir Storage (1000 AF) - End of April

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Watershed Snowpack Analysis - May 1, 2009

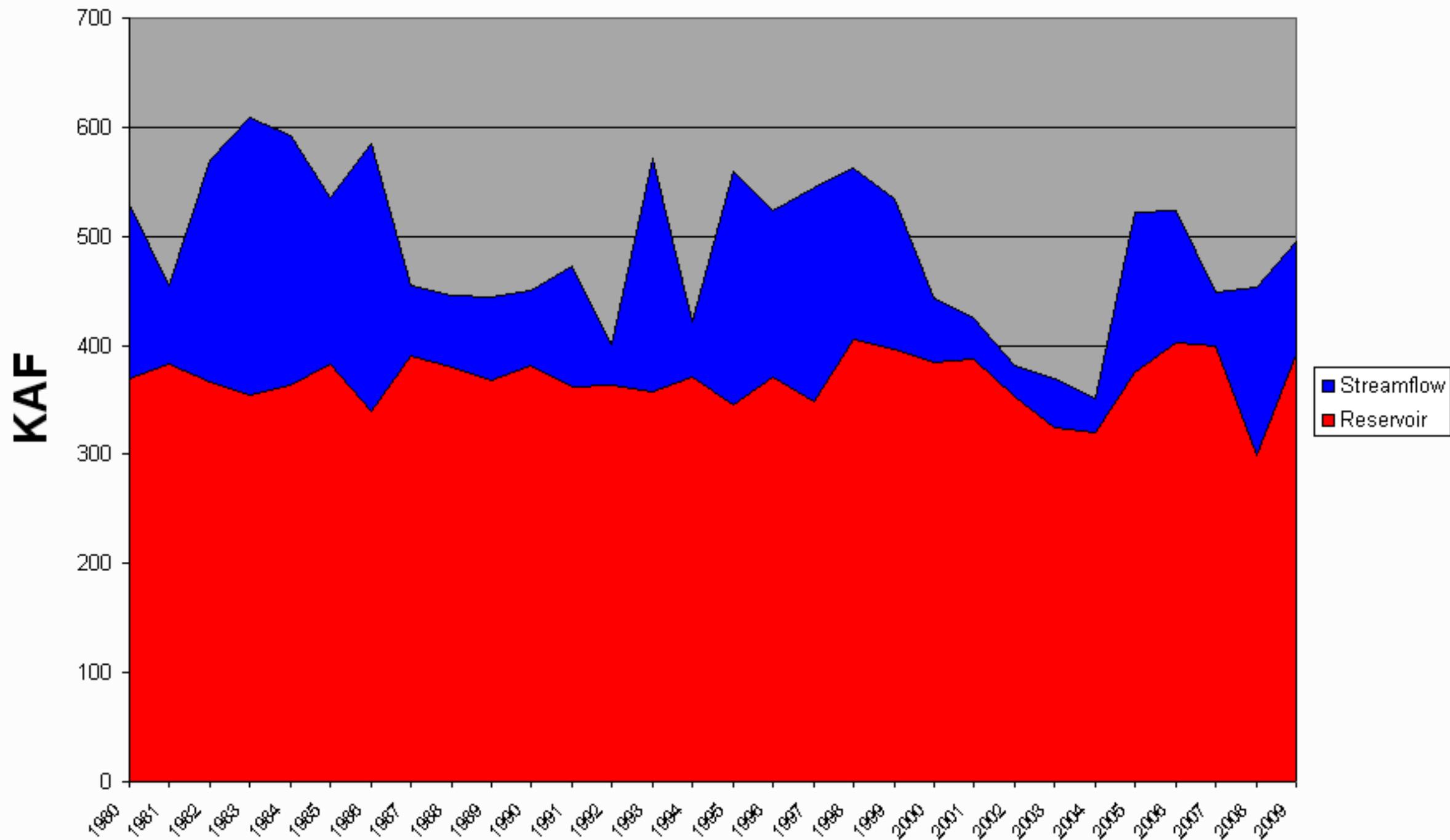
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
DEER CREEK	149.7	149.5	71.5	119.4	PROVO RIVER & UTAH LAKE	7	92	97
GRANTSVILLE	3.3	2.5	2.2	2.8	PROVO RIVER	4	97	91
SETTLEMENT CREEK	1.0	0.7	0.5	0.7	JORDAN RIVER & GSL	6	85	117
STRAWBERRY-ENLARGED	1105.9	958.9	882.1	663.7	TOOELE & RUSH VALLEY WATE	3	84	83
UTAH LAKE	870.9	882.0	810.0	872.6	UTAH LAKE/JORDAN R./TOOEL	16	87	104
VERNON CREEK	0.6	0.6	0.6	---				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Provo River SWSI @ Deer Creek Inflow



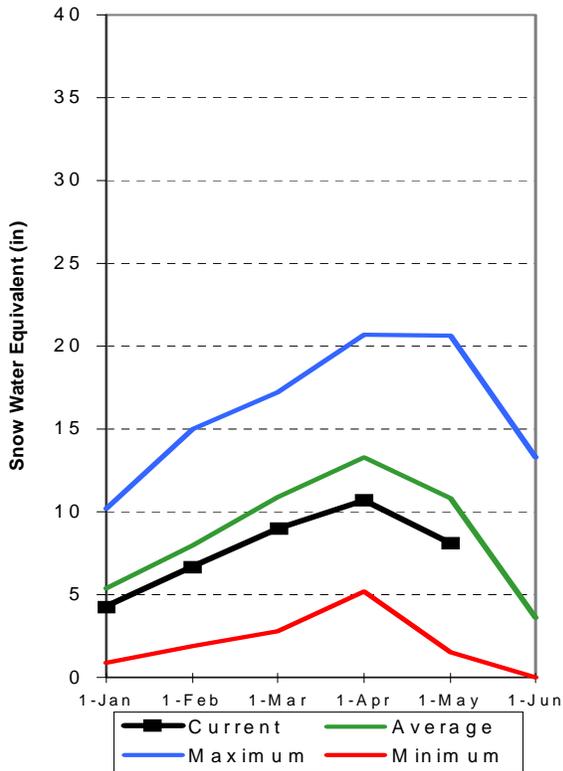
Uintah Basin and Dagget SCD's

May 1, 2009

Snowpack across the Uintas is below average at 75%, which is 75% of last year. Individual sites on the North Slope range from 37% to 92% and on the South Slope range from 0% to 117% of average. Precipitation during April was much above average at 154% bringing the seasonal accumulation (Oct-Apr) to 98%. Soil moisture values in runoff producing areas are at 75% of saturation in the upper 2 feet of soil compared to 68% last year. Reservoir storage is at 85% of capacity, 5% more than last year. Streamflow forecasts (May-July) range from 65% to 89% of average. The Surface Water Supply Index for the western area is 55% and for the eastern area it is 42% indicating near normal conditions on the west and east sides of the watershed. General water supply conditions are near average.

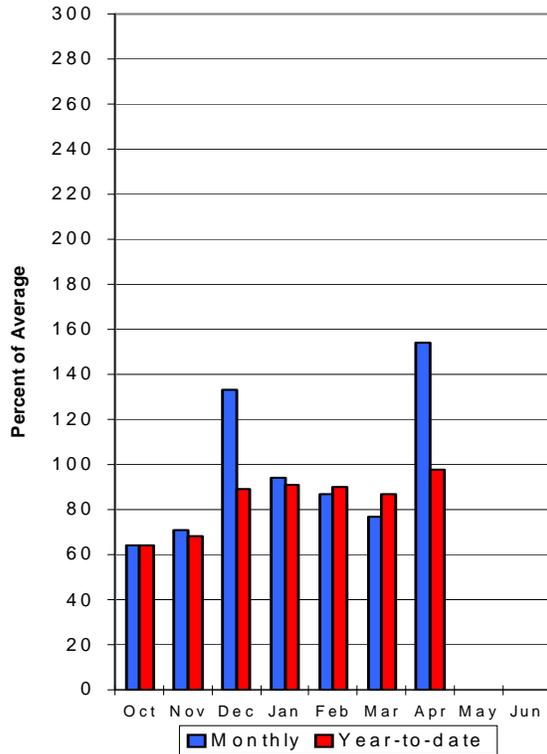
Uinta Snow pack

5/1/2009



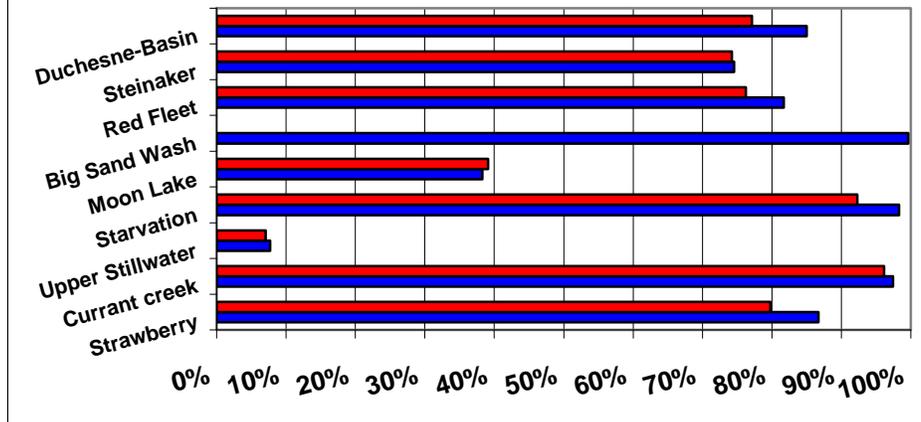
Uinta Precipitation

5/1/2009



May Uintah Basin Reservoir Storage

■ Current % Capacity ■ Previous Yr % Capacity



UINTAH BASIN & DAGGET SCD'S
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	<<==== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Blacks Fork nr Robertson	APR-JUL	64	76	85	90	94	109	95
	MAY-JUL	61	73	82	89	91	106	92
EF of Smiths Fork nr Robertson	APR-JUL	17.2	22	25	86	29	34	29
	MAY-JUL	16.2	21	24	86	28	33	28
Flaming Gorge Reservoir Inflow (2)	APR-JUL	590	760	890	75	1030	1260	1190
	MAY-JUL	460	630	760	73	900	1130	1035
Big Brush Ck abv Red Fleet Resv	APR-JUL	11.1	13.9	16.0	76	18.3	22	21
	MAY-JUL	9.8	12.6	14.7	78	17.0	21	18.8
Ashley Creek nr Vernal	APR-JUL	32	38	42	81	46	53	52
	MAY-JUL	30	36	40	80	44	51	50
WF Duchesne River nr Hanna (2)	APR-JUL	13.9	17.9	21	88	24	30	24
	MAY-JUL	11.6	15.6	18.7	87	22	28	22
Duchesne R nr Tabiona (2)	APR-JUL	64	77	87	83	98	114	105
	MAY-JUL	55	68	78	81	89	105	96
Upper Stillwater Reservoir Inflow	APR-JUL	57	64	69	84	74	82	82
	MAY-JUL	53	60	65	82	70	78	79
Rock Ck nr Mountain Home (2)	APR-JUL	64	72	78	88	84	94	89
	MAY-JUL	60	68	74	87	80	90	85
Duchesne R abv Knight Diversion (2)	APR-JUL	122	143	158	84	174	200	188
	MAY-JUL	105	126	141	82	157	183	173
Strawberry R nr Soldier Springs (2)	APR-JUL	39	48	55	93	63	75	59
	MAY-JUL	24	33	40	87	48	60	46
Currant Creek Reservoir Inflow (2)	APR-JUL	16.2	20	23	92	26	32	25
	MAY-JUL	7.5	11.3	14.3	65	17.7	23	22
Strawberry R nr Duchesne (2)	APR-JUL	71	90	105	87	121	148	121
	MAY-JUL	49	68	83	77	99	126	108
Lake Fork River Moon Lake Inflow	APR-JUL	44	50	55	81	60	68	68
	MAY-JUL	42	48	53	82	58	66	65
Yellowstone River nr Altonah	APR-JUL	44	50	55	89	60	68	62
	MAY-JUL	41	47	52	88	57	65	59
Duchesne R at Myton (2)	APR-JUL	139	174	200	77	230	275	260
	MAY-JUL	104	139	165	72	194	240	230
Whiterocks nr Whiterocks	APR-JUL	35	43	48	86	54	63	56
	MAY-JUL	33	41	46	87	52	61	53
Duchesne R nr Randlett (2)	APR-JUL	135	193	240	74	295	385	324
	MAY-JUL	100	158	205	71	260	350	289

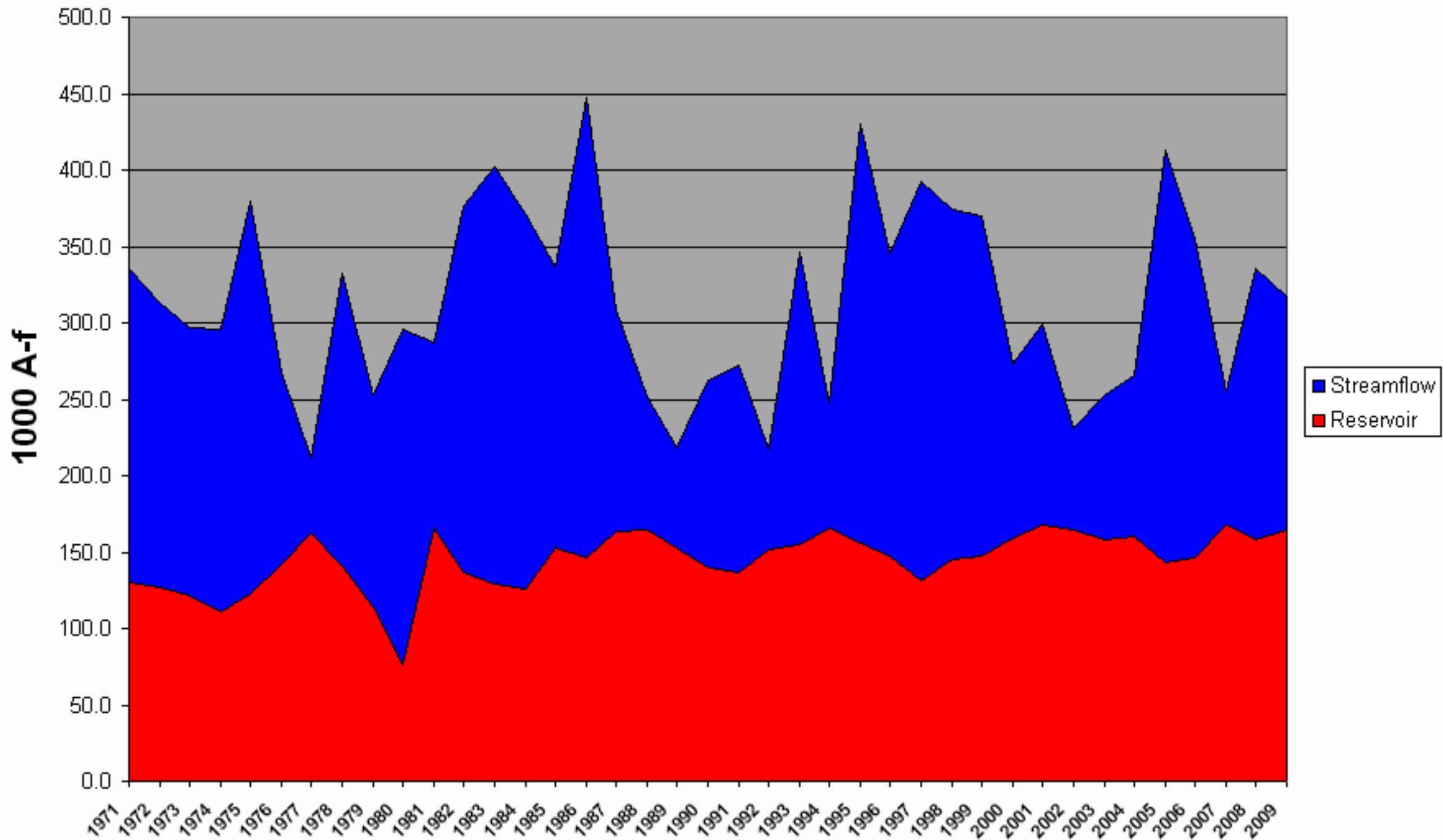
UINTAH BASIN & DAGGET SCD'S Reservoir Storage (1000 AF) - End of April					UINTAH BASIN & DAGGET SCD'S Watershed Snowpack Analysis - May 1, 2009			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
FLAMING GORGE	3749.0	3022.0	3045.0	2952.0	UPPER GREEN RIVER in UTAH	6	71	74
MOON LAKE	49.5	13.7	14.0	30.8	ASHLEY CREEK	2	58	62
RED FLEET	25.7	21.0	19.6	19.9	BLACK'S FORK RIVER	2	70	78
STEINAKER	33.4	24.9	24.8	25.0	SHEEP CREEK	1	102	75
STARVATION	165.3	162.5	152.6	139.7	DUCHESNE RIVER	11	77	76
STRAWBERRY-ENLARGED	1105.9	958.9	882.1	663.7	LAKE FORK-YELLOWSTONE CRE	4	91	84
					STRAWBERRY RIVER	4	42	51
					UINTAH-WHITEROCKS RIVERS	2	114	87
					UINTAH BASIN & DAGGET SCD	17	75	75

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

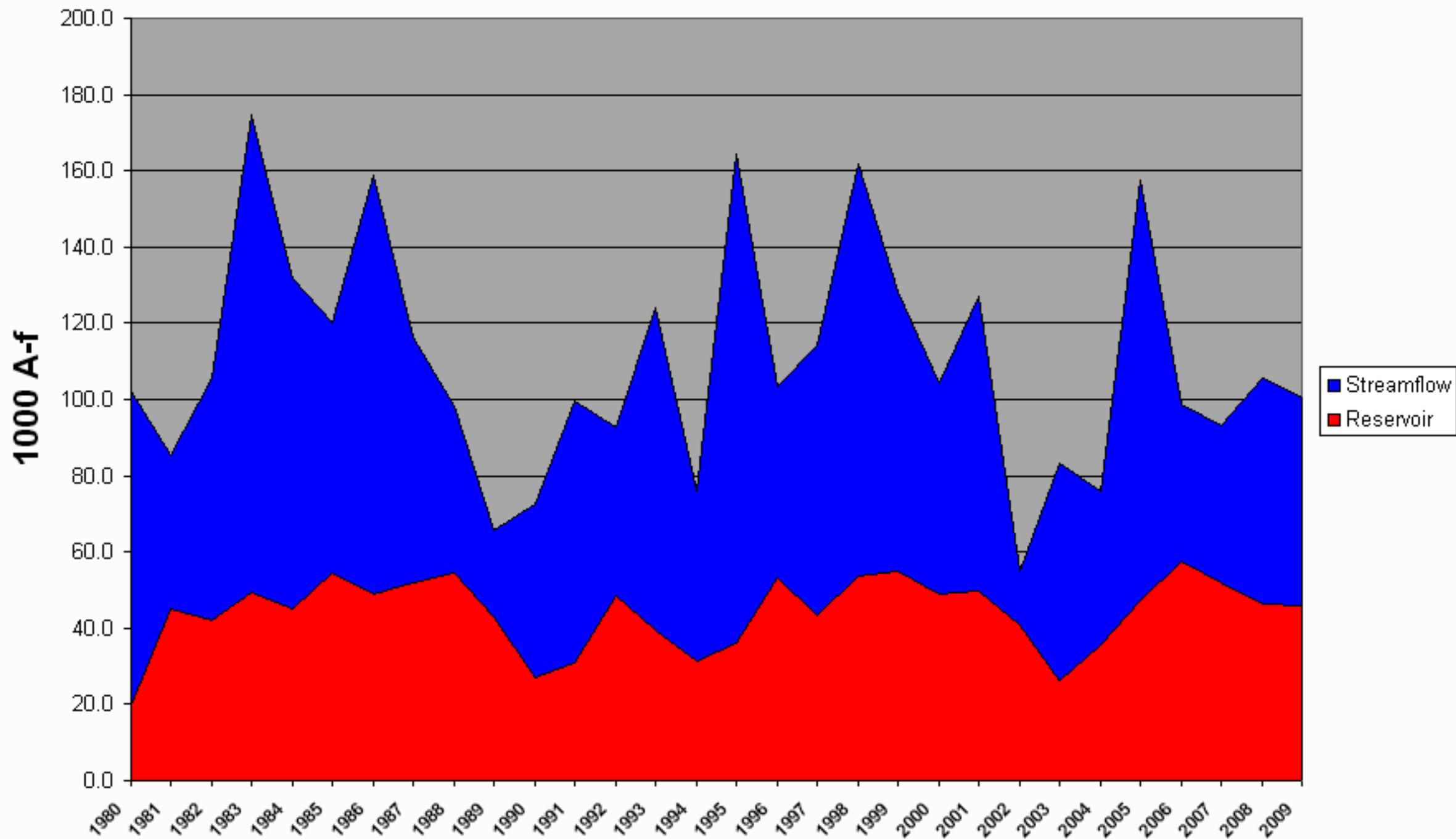
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Western Uintah Basin Surface Water Supply Index May



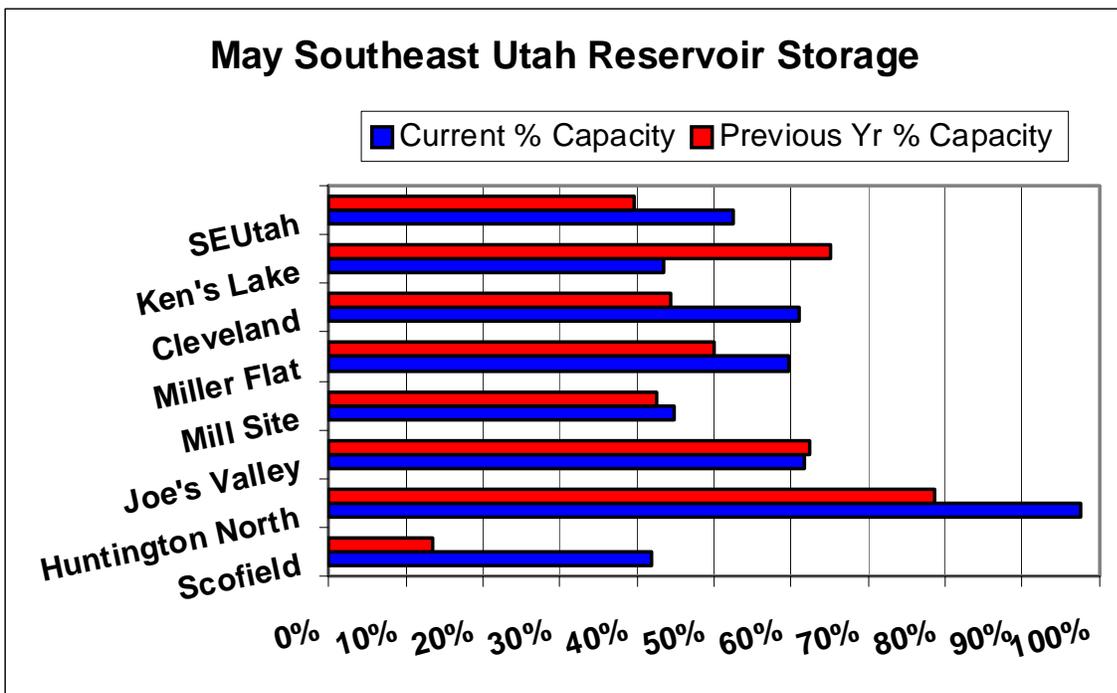
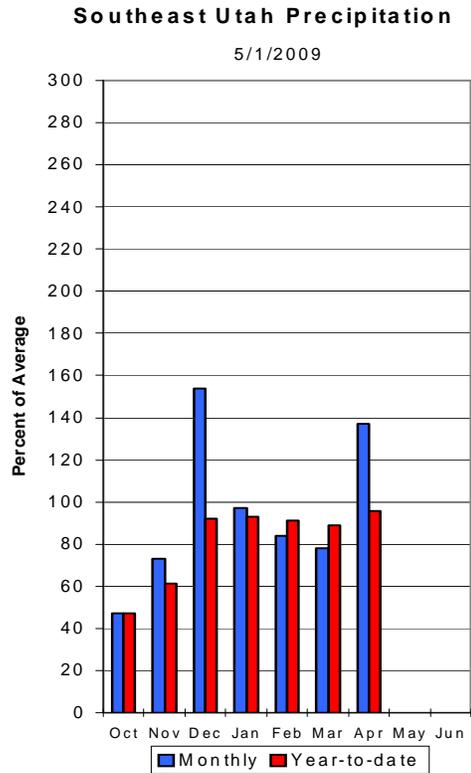
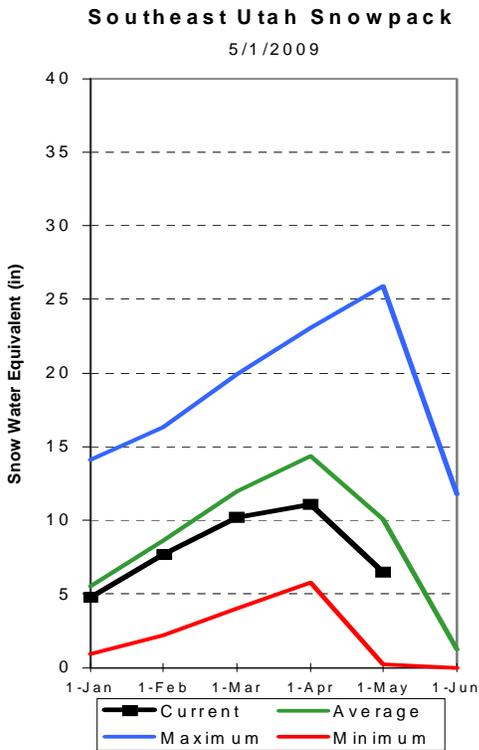
Eastern Uintah Basin Surface Water Supply Index May



Carbon, Emery, Wayne, Grand and San Juan Co.

May 1, 2009

Snowpacks in this region are much below normal at 64% of average, about 71% of last year. Individual sites range from 0% to 130% of average. Precipitation during April was much above average at 137%, bringing the seasonal accumulation (Oct-Apr) to 95% of normal. Soil moisture estimates in runoff producing areas are at 75% of saturation in the upper 2 feet of soil, similar to last year at this time. Forecast streamflows (May – July) range from 18% to 98% of average. Reservoir storage is at 52% of capacity, up 12% from last year at this time. Surface Water Supply Indices for the area are: Price 47%, Joe's Valley 50%, Ferron Creek 26%, and Moab 17%. General runoff and water supply conditions are near average in the north western part of this region, and worsening to the south and east.



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		=====		>>===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
Gooseberry Creek nr Scofield	APR-JUL MAY-JUL	8.7 7.6	10.3 9.2	11.5 10.4	97 96	12.7 11.6	14.7 13.6	11.9 10.8
Price River nr Scofield Reservoir	APR-JUL MAY-JUL	36 30	41 35	45 39	100 98	49 43	56 50	45 40
White River blw Tabbayne Creek	APR-JUL MAY-JUL	13.0 9.2	15.3 11.5	17.0 13.2	98 97	18.8 15.0	22 17.9	17.3 13.6
Green River at Green River, UT (2)	APR-JUL MAY-JUL	2510 2110	2780 2380	2960 2560	93 93	3140 2740	3410 3010	3170 2740
Huntington Ck Inflow to Electric Lk	APR-JUL MAY-JUL	11.1 9.4	13.3 11.6	15.0 13.3	96 95	16.8 15.1	19.5 17.8	15.7 14.0
Huntington Ck nr Huntington (2)	APR-JUL MAY-JUL	30 26	36 32	40 36	82 80	44 40	51 47	49 45
Joe's Valley Reservoir Inflow	APR-JUL MAY-JUL	32 29	41 38	47 44	81 83	54 51	65 62	58 53
Ferron Ck (Upper Station) nr Ferron	APR-JUL MAY-JUL	21 18.7	24 22	27 25	69 69	30 28	34 32	39 36
Colorado River nr Cisco (2)	APR-JUL MAY-JUL	3640 3000	4270 3630	4700 4060	101 100	5140 4500	5770 5130	4650 4080
Mill Creek at Sheley Tunnel nr Moab	APR-JUL MAY-JUL	1.76 1.39	2.30 1.89	2.80 2.30	56 54	3.30 2.80	4.20 3.60	5.00 4.30
Muddy Creek nr Emery	APR-JUL MAY-JUL	10.7 9.8	13.7 12.8	16.0 15.1	80 84	18.4 17.5	22 21	19.9 18.0
South Ck ab Lloyd's Res nr Monticell	MAR-JUL MAY-JUL	0.11 0.05	0.23 0.12	0.36 0.18	26 18	0.52 0.28	0.85 0.46	1.38 1.01
San Juan River near Bluff (2)	APR-JUL MAY-JUL	685 520	875 710	1010 845	82 87	1150 980	1340 1170	1230 975

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Reservoir Storage (1000 AF) - End of April

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Watershed Snowpack Analysis - May 1, 2009

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
HUNTINGTON NORTH	4.2	4.1	3.3	4.1	PRICE RIVER	3	72	96
JOE'S VALLEY	61.6	38.0	39.1	41.9	SAN RAFAEL RIVER	3	105	95
KEN'S LAKE	2.3	1.0	1.5	1.6	MUDDY CREEK	1	37	44
MILL SITE	16.7	7.5	7.1	99.7	FREMONT RIVER	3	12	2
SCOFIELD	65.8	27.6	8.8	37.4	LASAL MOUNTAINS	1	0	0
					BLUE MOUNTAINS	1	0	0
					WILLOW CREEK	1	0	0
					SOUTHEASTERN UTAH	13	71	64

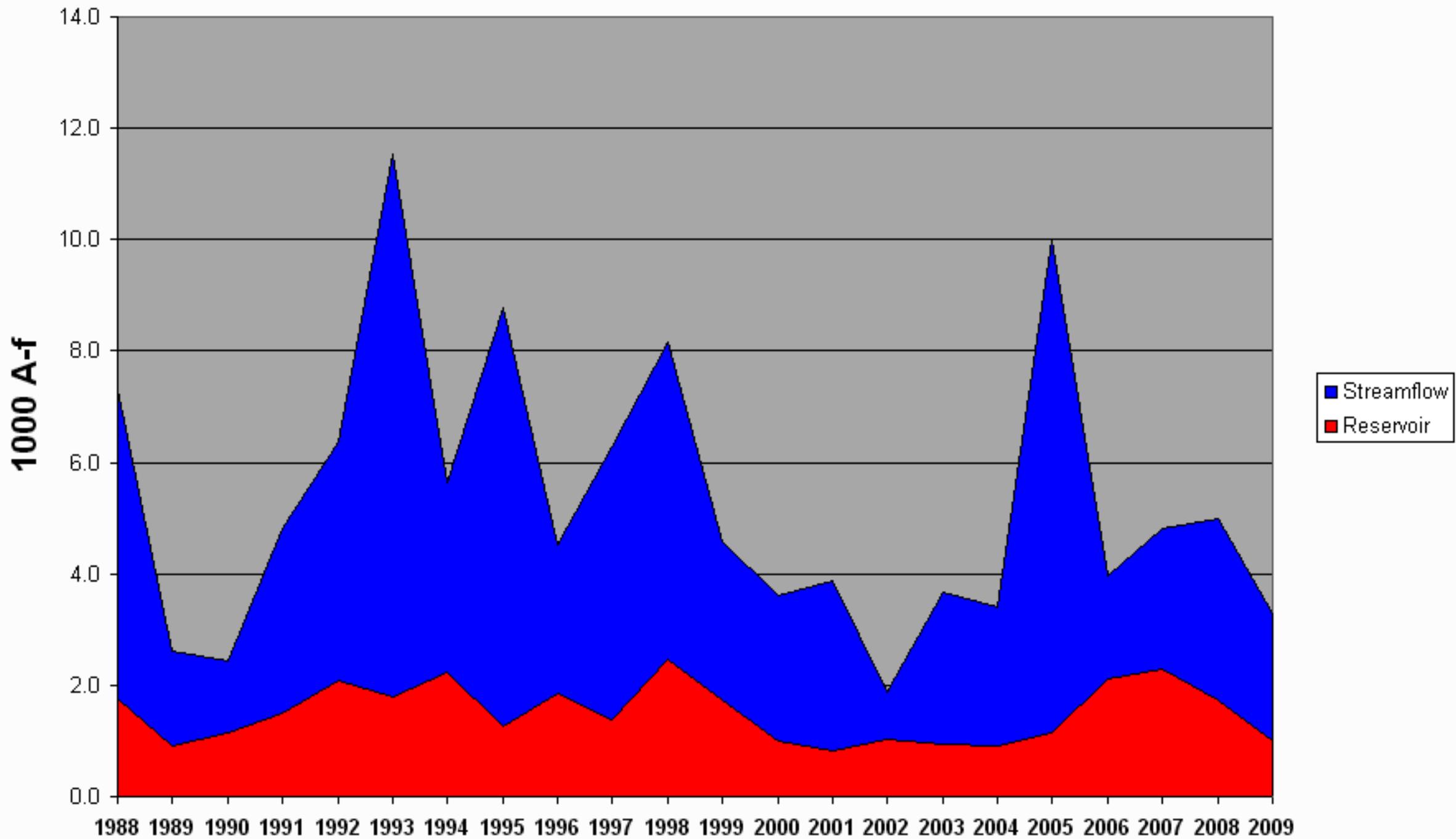
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

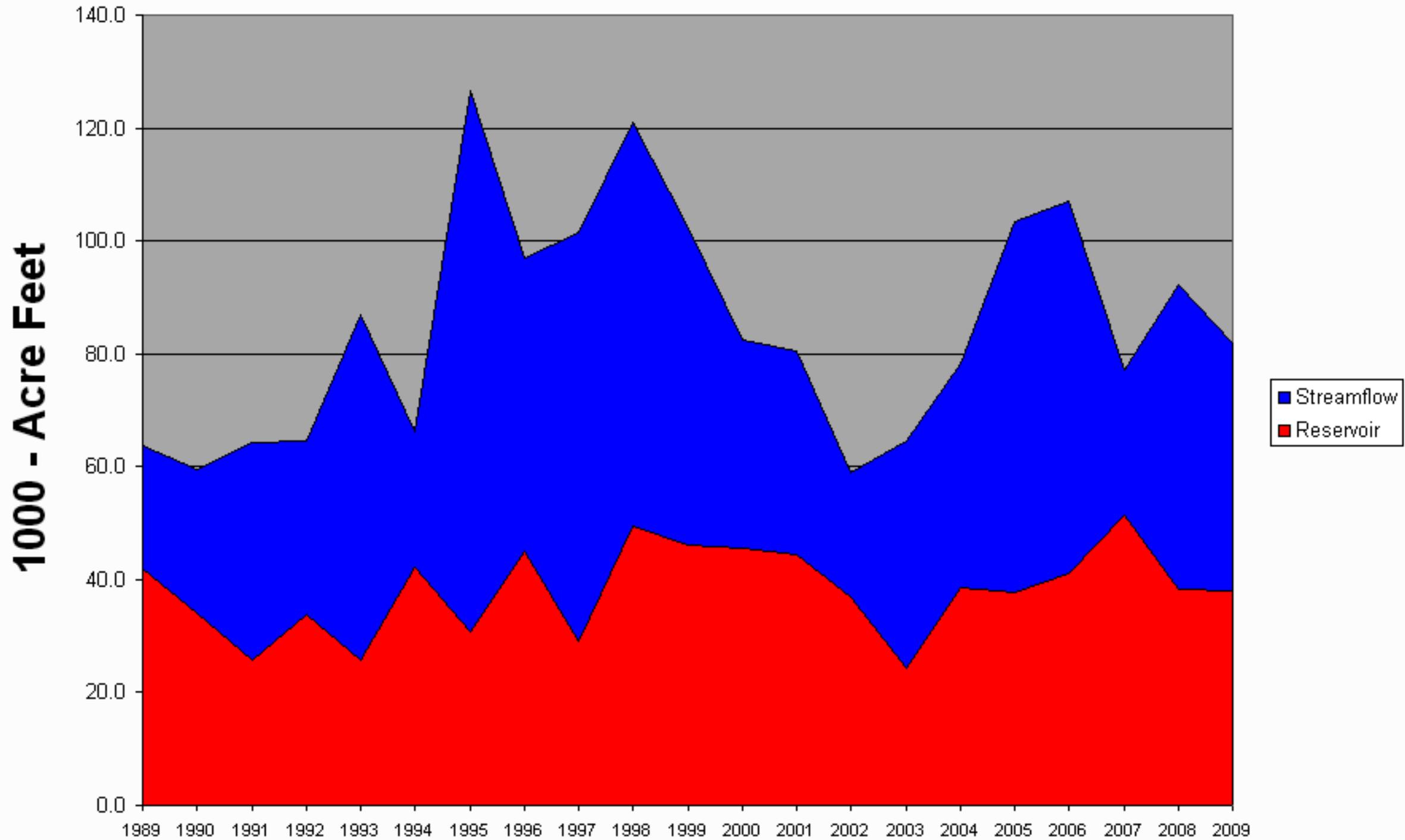
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

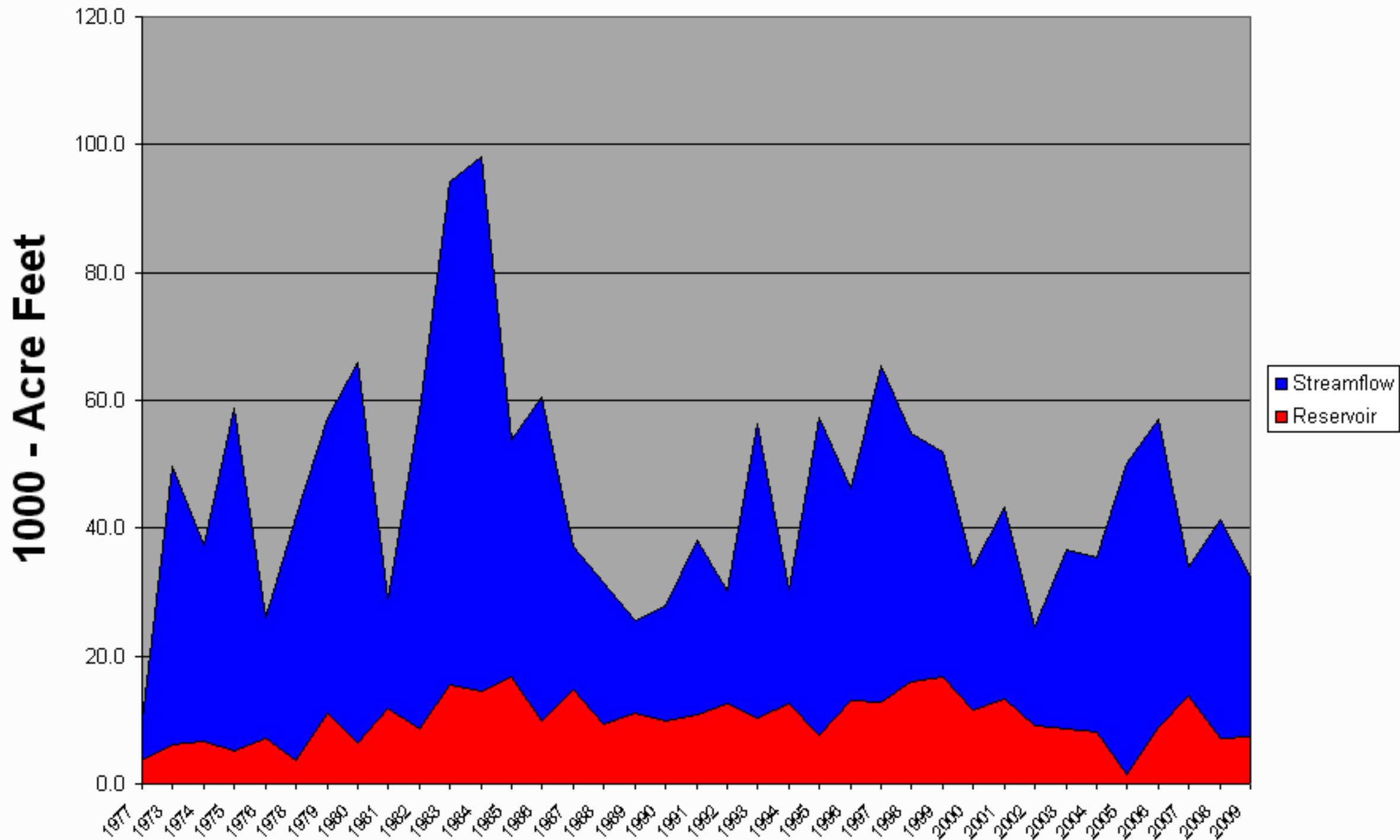
Moab SWSI



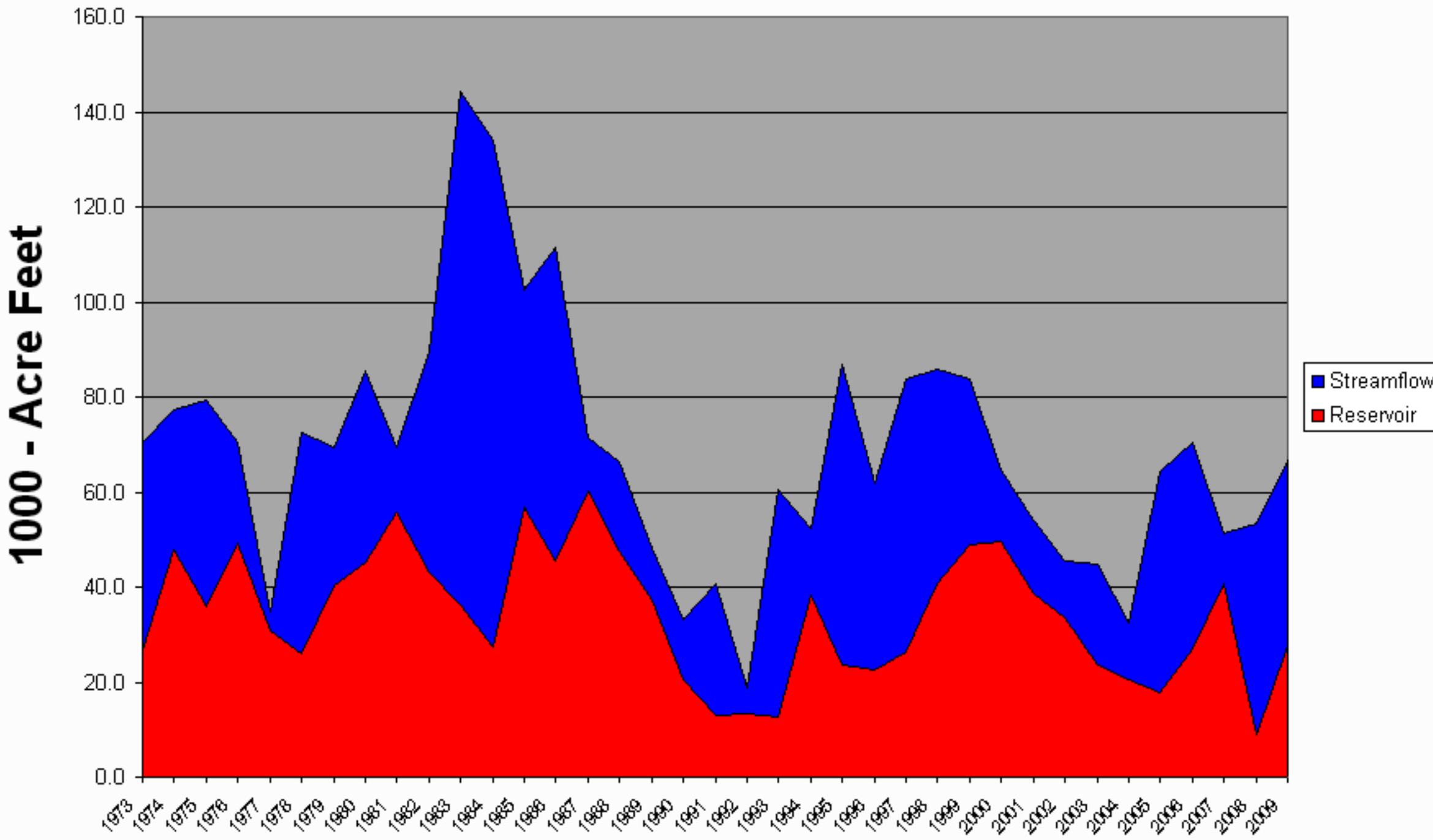
Joe's Valley SWSI



Ferron Creek SWSI



Price River SWSI

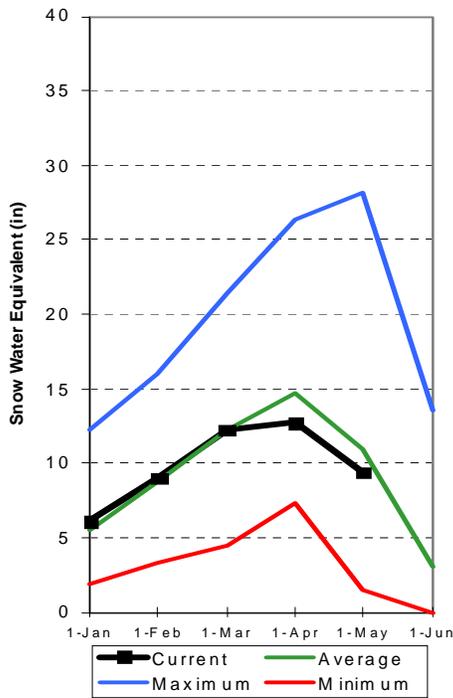


Sevier and Beaver River Basins

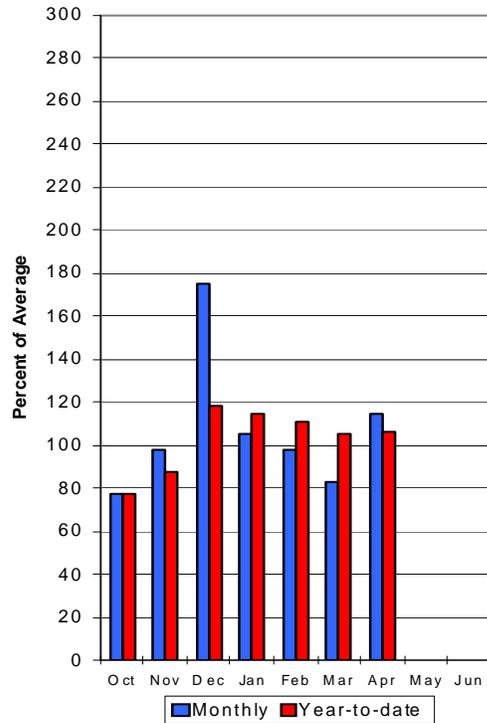
May 1, 2009

Snowpacks on the Sevier River Basin are below normal at 86% of average, a 17% decline relative to last month and 108% of last year. Individual sites range from 0% at many lower elevation sites to 140% of average at Merchant Valley. Precipitation during April was above average at 115% of normal, bringing the seasonal accumulation (Oct-April) to 106% of average. Soil moisture estimates in runoff producing areas are at 71% of saturation in the upper 2 feet of soil compared to 71% last year. Streamflow forecasts range from 67% to 117% of average. Reservoir storage is at 54% of capacity, 9% less than last year. Surface Water Supply Indices are: Upper Sevier 33%, Lower Sevier 44% and Beaver 53%. Water supply conditions are slightly below average on the upper Sevier and near average on the lower Sevier and the Beaver River watersheds.

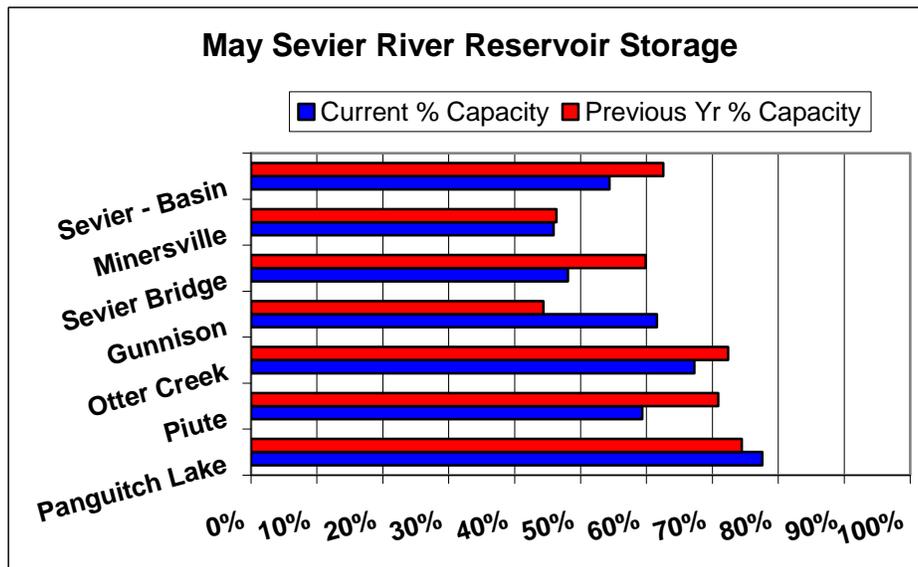
Sevier River Snow pack
5/1/2009



Sevier River Precipitation
5/1/2009



May Sevier River Reservoir Storage



SEVIER & BEAVER RIVER BASINS
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		Future Conditions		===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Sevier R at Hatch, UT	APR-JUL	25	34	40	73	46	55	55
	MAY-JUL	23	29	34	71	39	45	48
Sevier R nr Kingston, UT	APR-JUL	2.7	15.4	24	73	33	45	33
	MAY-JUL	1.3	11.8	20	27	28	40	74
EF Sevier R nr Kingston, UT	APR-JUL	11.0	22	29	83	36	47	35
	MAY-JUL	7.4	19.1	27	96	35	47	28
Sevier R blw Piute Dam nr Marysville, UT	APR-JUL	34	61	80	88	99	126	91
	MAY-JUL	26	48	67	66	89	127	102
Clear Creek Abv Diversions nr Sevier	APR-JUL	12.6	17.0	20	91	23	27	22
	MAY-JUL	11.1	13.9	16.0	89	18.2	22	17.9
Salina Ck at Salina, UT	APR-JUL	5.8	10.4	14.4	73	19.0	27	19.7
	MAY-JUL	4.8	8.5	11.6	67	15.2	21	17.4
Manti Ck Blw Dugway Ck Nr Manti	APR-JUL	11.0	13.4	15.2	83	17.1	20	18.3
	MAY-JUL	10.4	12.8	14.5	85	16.3	19.2	17.1
Sevier R nr Gunnison, UT	APR-JUL	4.0	36	72	68	108	140	106
	MAY-JUL	5.0	40	69	30	99	151	227
Chicken Creek nr Levan	APR-JUL	2.20	2.60	3.00	67	3.40	4.00	4.50
	MAY-JUL	0.91	1.66	2.30	68	3.00	4.30	3.40
Oak Creek nr Oak City	APR-JUL	1.07	1.32	1.50	90	1.70	2.00	1.66
	MAY-JUL	0.54	0.80	1.00	94	1.22	1.60	1.07
Beaver R nr Beaver, UT	APR-JUL	18.2	25	30	111	35	42	27
	MAY-JUL	14.7	23	28	117	33	41	24
Minersville Reservoir	APR-JUL	9.9	15.0	19.4	117	25	34	16.6
	MAY-JUL	8.0	13.0	17.0	117	22	29	14.5

SEVIER & BEAVER RIVER BASINS
Reservoir Storage (1000 AF) - End of April

SEVIER & BEAVER RIVER BASINS
Watershed Snowpack Analysis - May 1, 2009

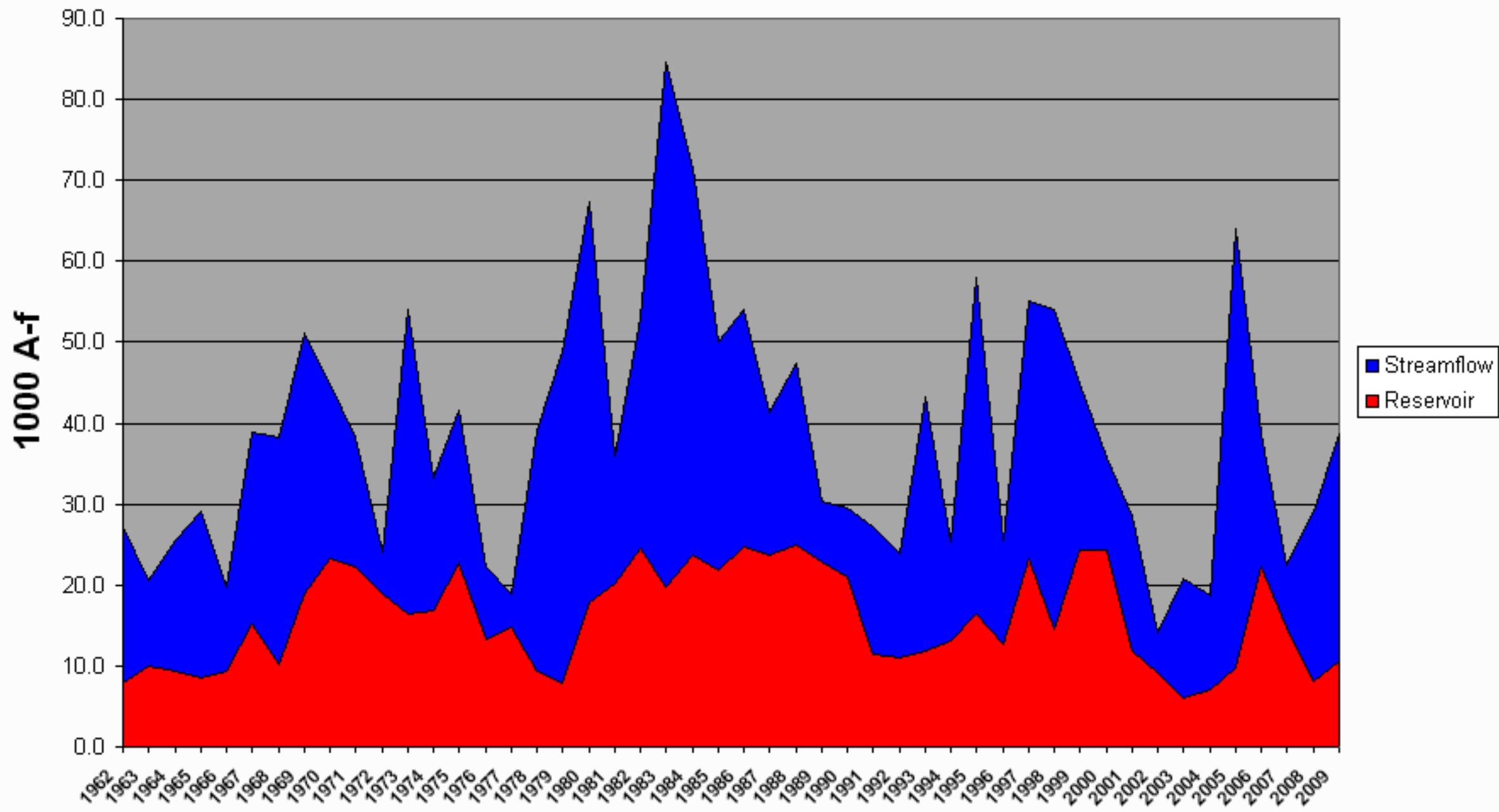
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GUNNISON	20.3	12.5	9.0	15.7	UPPER SEVIER RIVER	8	128	74
MINERSVILLE (RkyFd)	23.3	10.7	10.8	18.0	EAST FORK SEVIER RIVER	3	158	43
OTTER CREEK	52.5	35.3	38.0	46.0	SOUTH FORK SEVIER RIVER	5	115	89
PIUTE	71.8	42.6	50.9	55.5	LOWER SEVIER RIVER	6	89	81
SEVIER BRIDGE	236.0	113.5	141.3	183.6	BEAVER RIVER	2	144	122
PANGUITCH LAKE	22.3	17.3	16.6		SEVIER & BEAVER RIVER BAS	16	112	86

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

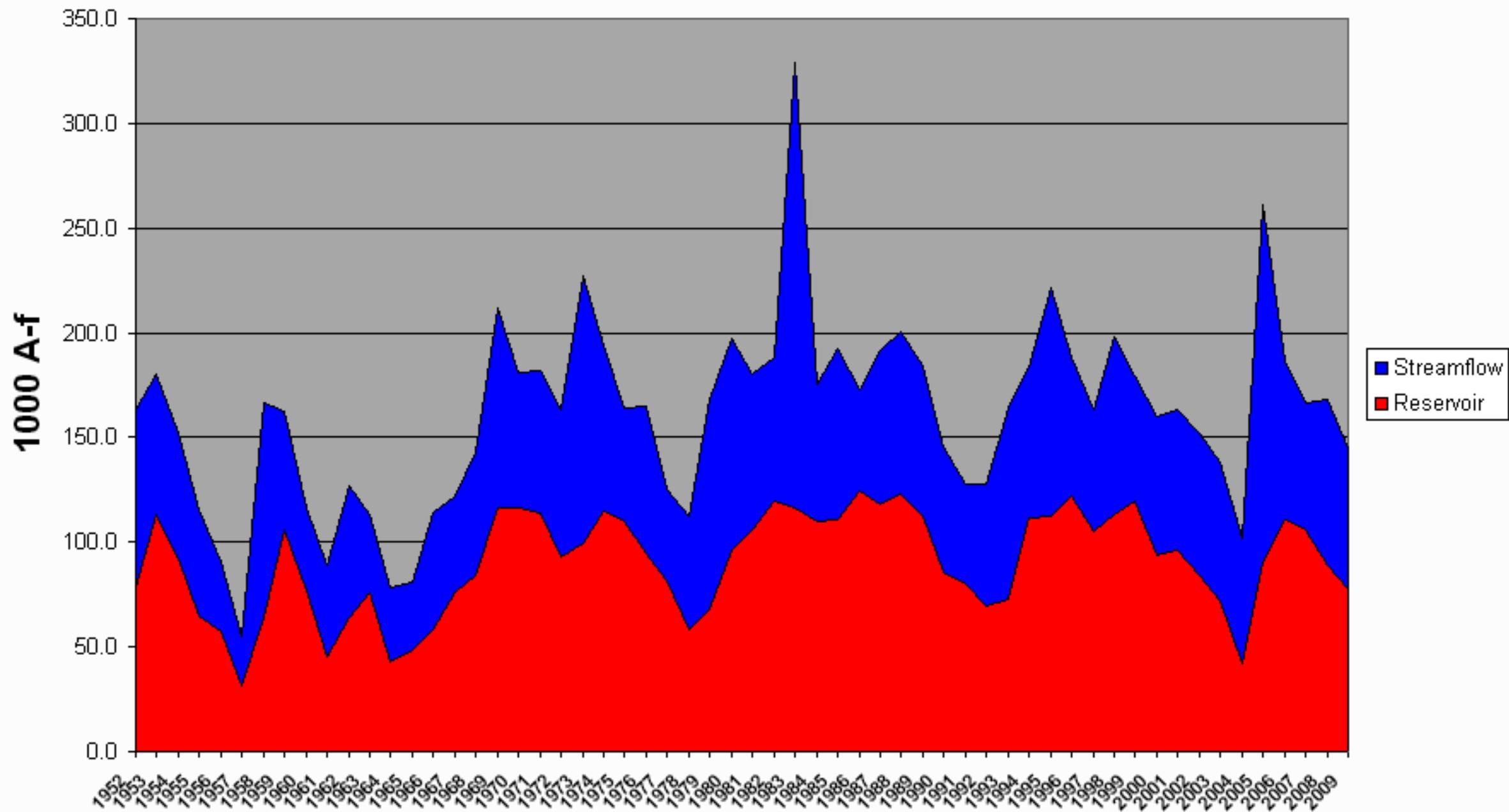
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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Beaver River Surface Water Supply Index May



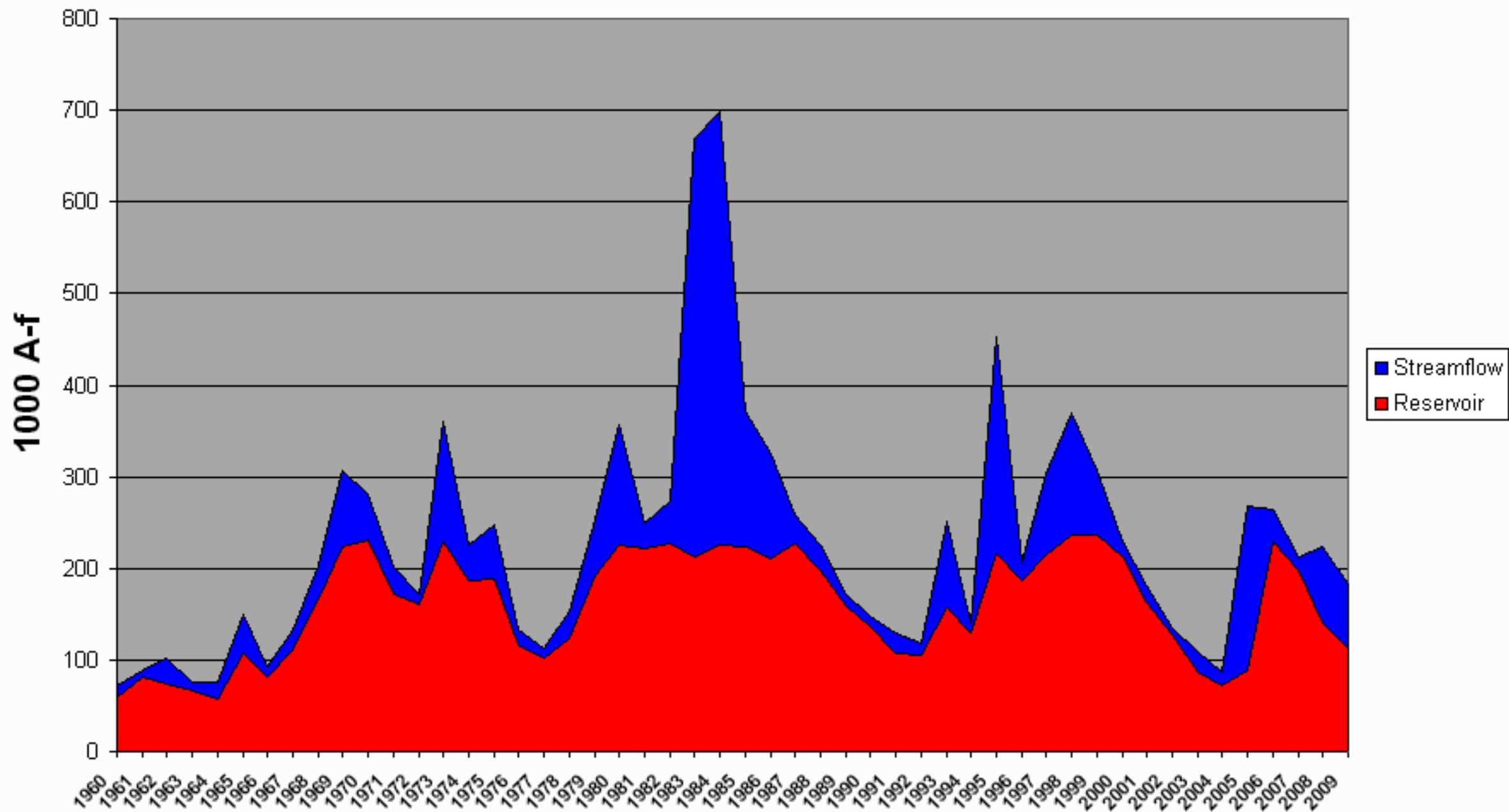
Upper Sevier River Surface Water Supply Index

May



Lower Sevier River Surface Water Supply Index

May

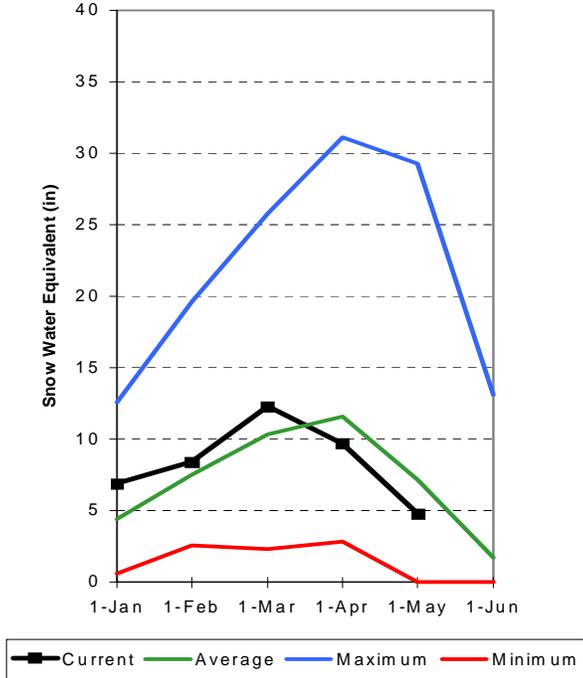


E. Garfield, Kane, Washington, & Iron Co. May 1, 2009

Snowpacks in this region are much below normal at 65% of average, which is 136% of last year. Individual sites range from melted out, to 105% of average at Yankee Reservoir. Precipitation during the month of April was near average at 105%, bringing the seasonal accumulation (Oct-Apr) to 103% of average. The average soil moisture estimate in runoff producing areas is at 69% of saturation within the upper 2 feet of soil, compared to 61% last year. Forecast streamflows (May–July) range from 44% to 94% of average. Reservoir storage is at 77% of capacity, 3% more than last year. The Surface Water Supply Index is at 52%, indicating near average water supply conditions.

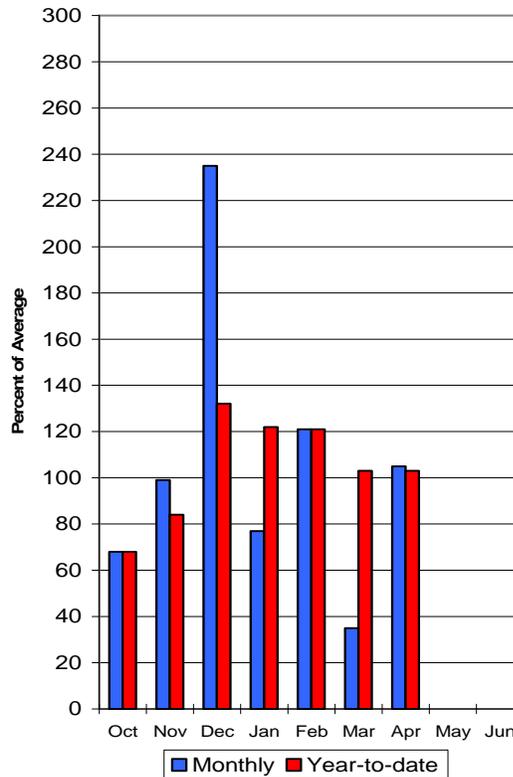
Southwest Utah Snowpack

5/1/2009



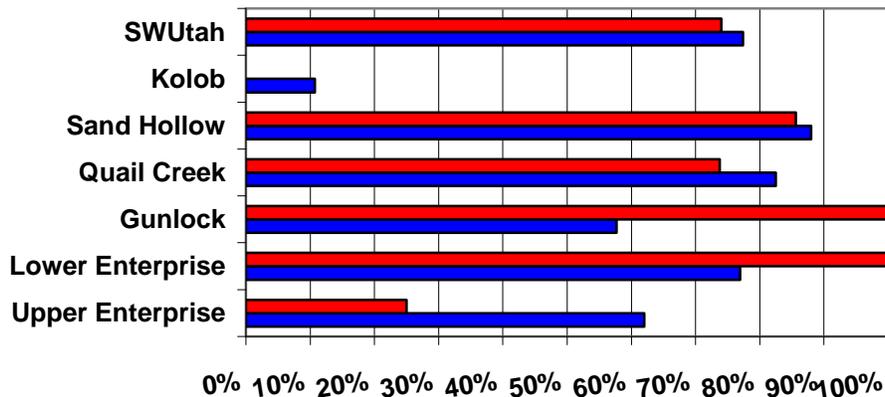
Southwest Utah Precipitation

5/1/2009



May Southwest Utah Reservoir Storage

■ Current % Capacity ■ Previous Yr % Capacity



E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<==== Drier =====		=====> Wetter =====>>		Chance Of Exceeding *		
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Lake Powell Inflow (2)	APR-JUL MAY-JUL	6010 5240	6870 6100	7450 6680	94 96	8030 7260	8890 8120	7930 6940
Virgin River at Virgin	APR-JUL MAY-JUL	35 21	39 25	42 28	66 67	45 31	49 35	64 42
Virgin River nr Hurricane	APR-JUL MAY-JUL	26 16.4	31 21	35 25	51 54	39 29	45 35	69 46
Santa Clara River nr Pine Valley	APR-JUL MAY-JUL	1.60 1.13	2.30 1.62	2.70 2.00	49 44	3.10 2.40	3.80 3.10	5.50 4.50
Coal Ck nr Cedar City, UT	APR-JUL MAY-JUL	13.9 9.8	15.7 12.3	17.0 14.0	88 88	18.3 15.7	20 18.2	19.3 15.9

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Reservoir Storage (1000 AF) - End of April

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Watershed Snowpack Analysis - May 1, 2009

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GUNLOCK	10.4	6.0	10.4	4.3	VIRGIN RIVER	5	124	85
LAKE POWELL	24322.0	12830.0	11170.0	---	PAROWAN	2	119	90
QUAIL CREEK	40.0	33.0	29.5	31.6	ENTERPRISE TO NEW HARMONY	2	0	0
UPPER ENTERPRISE	10.0	6.2	2.5	---	COAL CREEK	2	119	80
LOWER ENTERPRISE	2.6	2.0	2.6		ESCALANTE RIVER	2	0	3
					SOUTHWESTERN UTAH	9	136	65

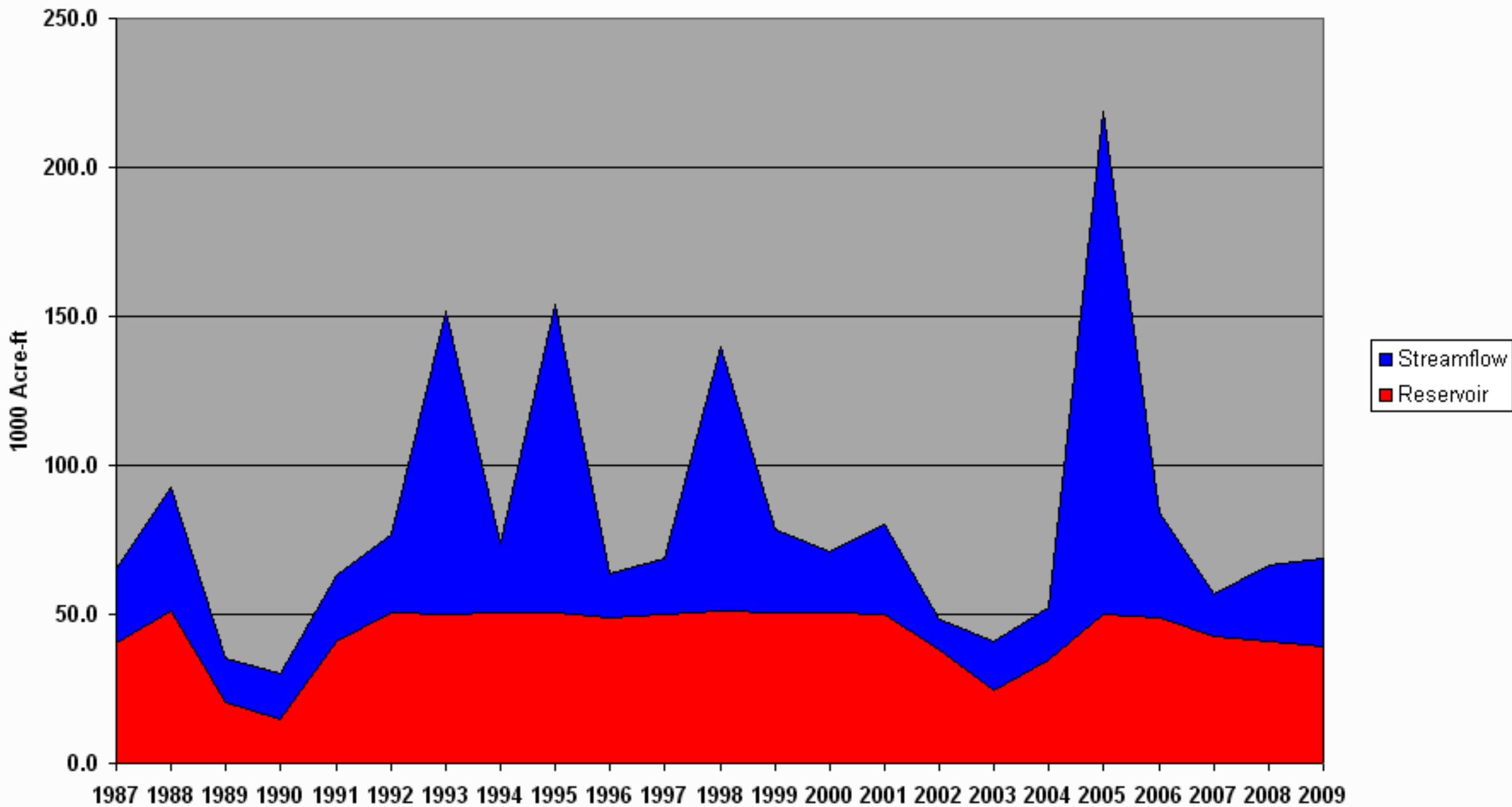
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Virgin River Surface Water Supply Index

May



Surface Water Supply Index

May 1, 2009			Years with
Basin or Region	SWSI	Percentile	Similar SWSI
Bear River	-2.45	21%	33,37,02,06
Ogden River	1.64	70%	82,93,95,05
Weber River	2.95	85%	75,95,98,99
Provo	-0.13	48%	87,91,05,06
West Uintah Basin	0.42	55%	87,72,78,08
East Uintah Basin	-0.67	42%	06,91,80,96
Price River	-0.22	47%	00,88,79,81
Joe's Valley	0.00	50%	04,01,00,93
Ferron Creek	-1.97	26%	94,88,00,07
Moab	-2.72	17%	90,89,04,00
Upper Sevier River	-1.44	33%	03,68,90,02
Lower Sevier River	-0.50	44%	72,01,71,68
Beaver River	0.26	53%	71,68,06,67
Virgin River	0.18	52%	08,97,00,94

SWSI Scale: -4 to 4 Percentile: 0 - 100%

What is a Surface Water Supply Index?

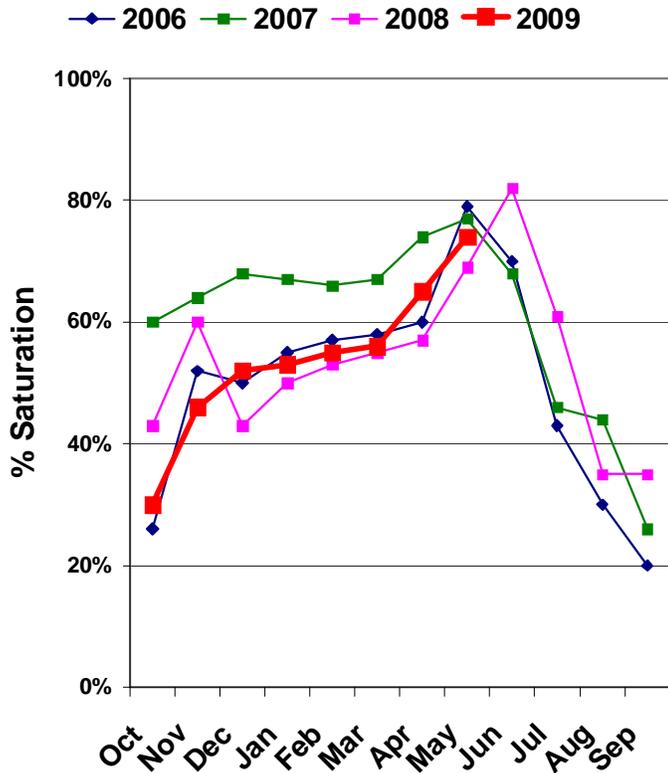
The Surface Water Supply Index (SWSI) is a predictive indicator of total surface water availability within a watershed for the spring and summer water use seasons. The index is calculated by combining pre-runoff reservoir storage (carryover) with forecasts of spring and summer streamflow which are based on current snowpack and other hydrologic variables. SWSI values are scaled from +4.1 (abundant supply) to -4.1 (extremely dry) with a value of zero (0) indicating median water supply as compared to historical analysis. SWSI's are calculated in this fashion to be consistent with other hydroclimatic indicators such as the Palmer Drought Index and the Precipitation index.

Utah Snow Surveys has also chosen to display the SWSI as a PERCENT CHANCE OF NON-EXCEEDANCE. While this is a cumbersome name, it has the simplest application. It can be best thought of as a scale of 1 to 99 with 1 being the drought of record (driest possible conditions) and 99 being the flood of record (wettest possible conditions) and a value of 50 representing average conditions. This rating scale is a percentile rating as well, for example a SWSI of 75% means that this years water supply is greater than 75% of all historical events and that only 25% of the time has it been exceeded. Conversely a SWSI of 10% means that 90% of historical events have been greater than this one and that only 10% have had less total water supply. This scale is far more intuitive for most people and is totally comparable between basins: a SWSI of 50% means the same relative ranking on watershed A as it does on watershed B, which may not be strictly true of the +4 to -4 scale.

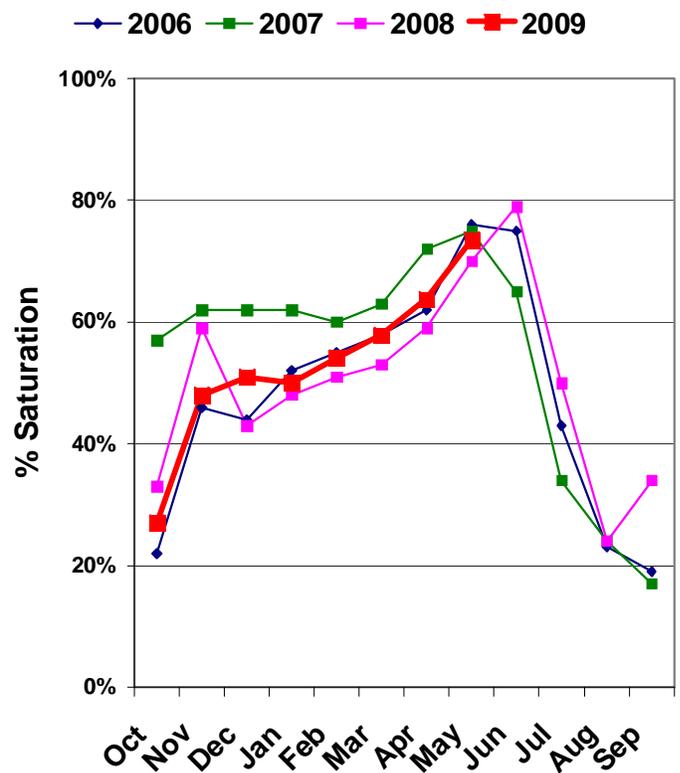
For more information on the SWSI go to: www.ut.nrcs.usda.gov/snow/ on the water supply page. The entire period of historical record for reservoir storage and streamflow is available.

Watershed Soil Moisture Charts for Utah Water Supply

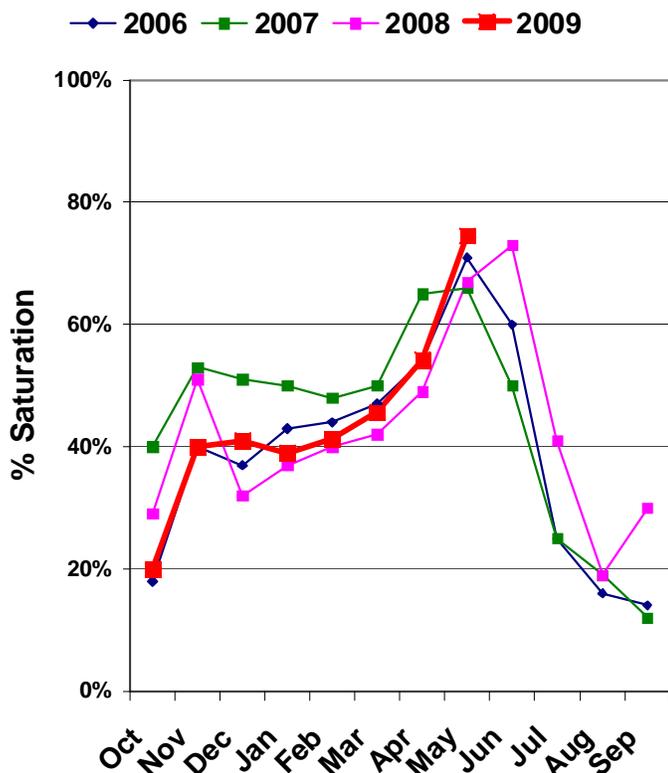
Bear River Soil Moisture



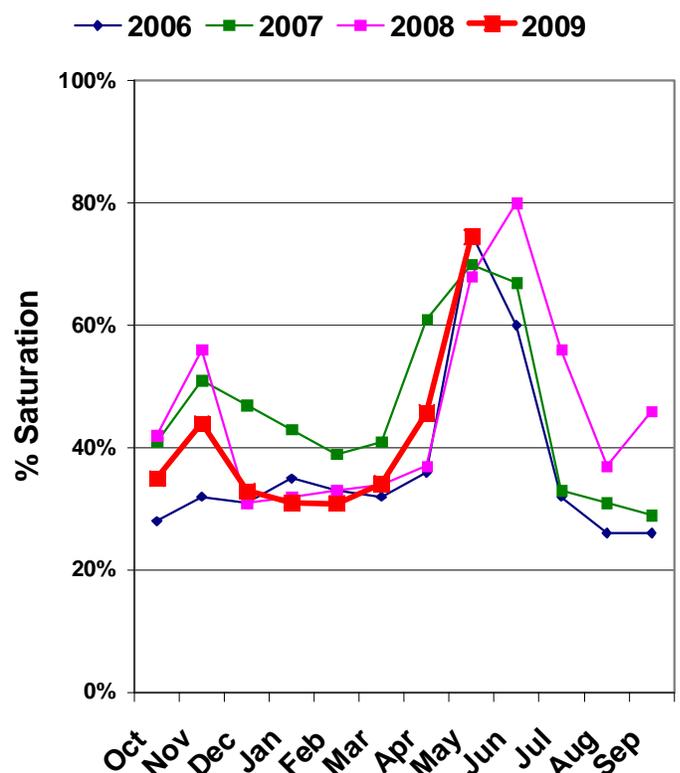
Weber River Soil Moisture



Jordan/Provo River Soil Moisture



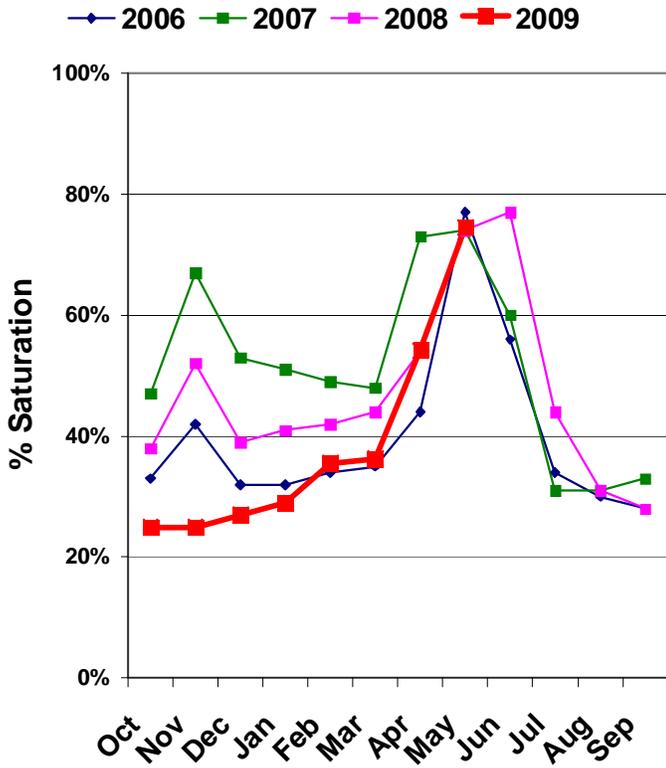
Uintah Basin Soil Moisture



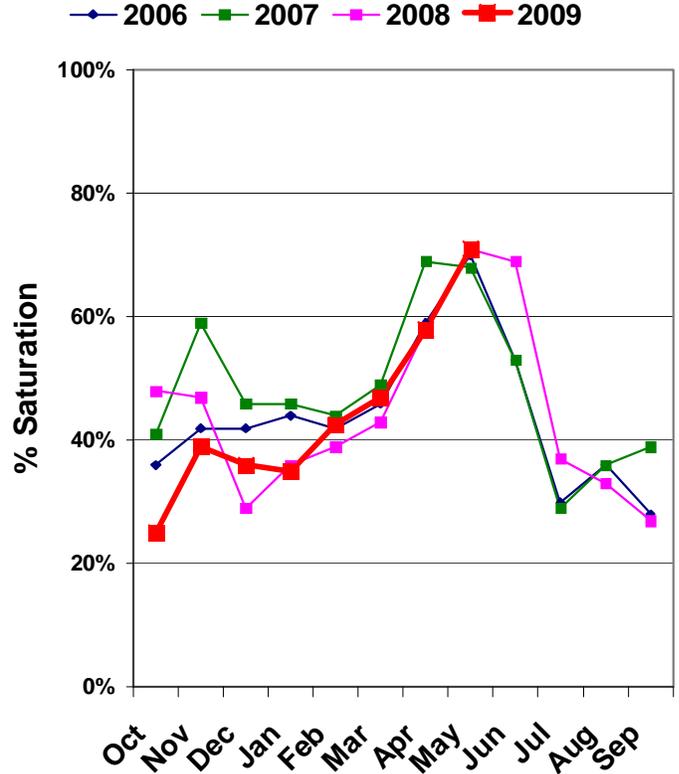
Percent saturation is calculated using the weighted average of volumetric soil moisture content at 2, 8, and 20-inch depths. Saturation is estimated as 40% volumetric water content.

Watershed Soil Moisture Charts for Utah Water Supply

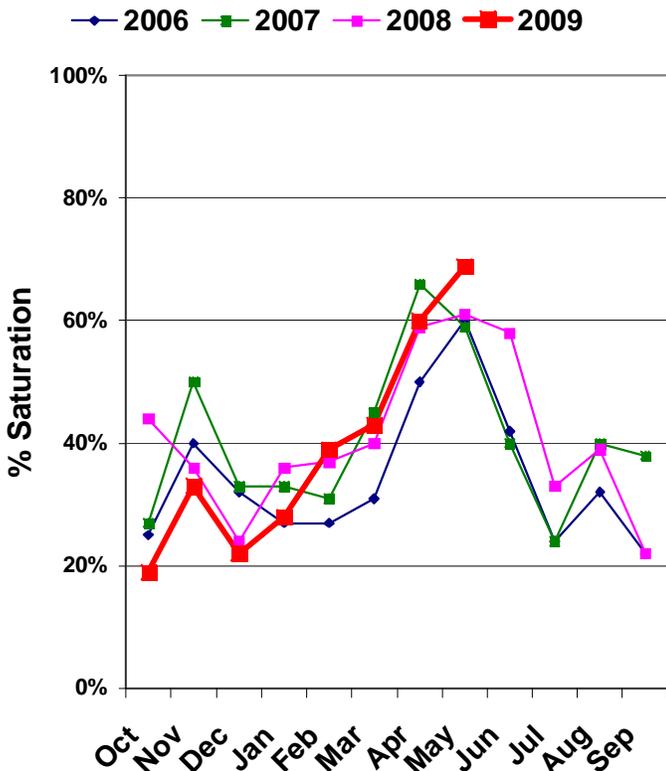
South East Utah Soil Moisture



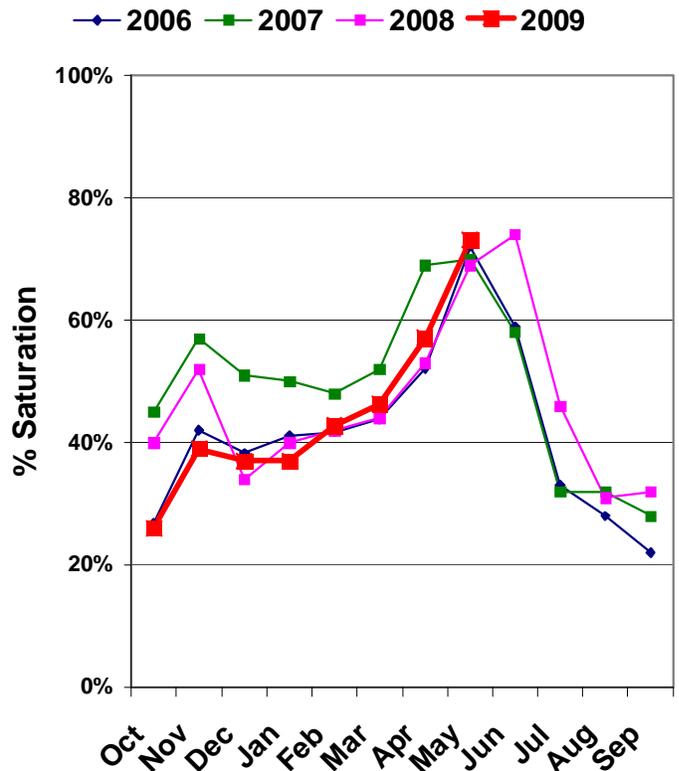
Sevier/Beaver River Soil Moisture



Southwest Utah Soil Moisture



Statewide Soil Moisture



Percent saturation is calculated using the weighted average of volumetric soil moisture content at 2, 8, and 20-inch depths. Saturation is estimated as 40% volumetric water content.

S N O W C O U R S E D A T A

MAY 2009

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
AGUA CANYON SNOTEL	8900	5/01	0	.0	.0	1.8
ALTA CENTRAL	8800	4/30	101	45.0	43.2	36.5
BEAVER DAMS SNOTEL	8000	5/01	0	.0	.5	4.7
BEAVER DIVIDE SNOTEL	8280	5/01	0	.0	5.0	3.2
BEN LOMOND PK SNOTEL	8000	5/01	85	47.1	37.9	37.1
BEN LOMOND TR SNOTEL	6000	5/01	15	4.8	16.2	6.8
BEVAN'S CABIN	6450	4/28	8	3.0	11.8	5.0
BIG FLAT SNOTEL	10290	5/01	67	24.2	18.5	20.9
BIRCH CROSSING	8100	4/27	3	1.2	0.0	1.4
BLACK FLAT-U.M. CK S	9400	5/01	1	.1	4.3	7.1
BLACK'S FORK GS-EF	9340	4/27	19	6.2	11.0	8.6
BLACK'S FORK JUNCTN	8930	4/27	12	2.9	9.6	6.8
BOX CREEK SNOTEL	9800	5/01	22	8.9	7.4	10.3
BRIAN HEAD	10000	4/27	47	17.9	13.2	20.8
BRIGHTON SNOTEL	8750	5/01	49	22.1	31.9	25.0
BRIGHTON CABIN	8700	4/30	61	25.0	33.9	23.6
BROWN DUCK SNOTEL	10600	5/01	44	16.1	18.7	20.1
BRYCE CANYON	8000	4/29	0	0.0	0.0	-
BUCK FLAT SNOTEL	9800	5/01	36	15.8	14.4	15.6
BUCK PASTURE	9700	4/27	49	13.6	16.6	16.7
BUCKBOARD FLAT	9000	4/27	12	4.5	6.7	7.0
BUG LAKE SNOTEL	7950	5/01	41	17.8	17.7	18.0
BURT'S-MILLER RANCH	7900	4/27	0	0.0	2.9	1.3
CAMP JACKSON SNOTEL	8600	5/01	0	.0	5.7	6.4
CASCADE MOUNTAIN SNO	7770	5/01	42	18.0	11.3	-
CASTLE VALLEY SNOTEL	9580	5/01	12	4.4	2.9	7.5
CHALK CK #1 SNOTEL	9100	5/01	61	27.0	28.7	25.3
CHALK CK #2 SNOTEL	8200	5/01	36	15.9	17.4	12.0
CHALK CREEK #3	7500	4/27	0	0.0	7.0	1.8
CHEPETA SNOTEL	10300	5/01	42	14.2	10.8	12.1
CLAYTON SPRINGS SNTL	10000	5/01	10	4.1	.0	-
CLEAR CK RIDG #1 SNT	9200	5/01	39	18.8	17.9	15.7
CLEAR CK RIDG #2 SNT	8000	5/01	23	8.7	12.7	7.9
CORRAL	8200	4/27	1	.5	8.6	-
CURRANT CREEK SNOTEL	8000	5/01	0	.0	.5	2.6
DANIELS-STRAWBERRY S	8000	5/01	14	7.2	12.8	9.5
DILL'S CAMP SNOTEL	9200	5/01	13	4.1	11.0	9.4
DONKEY RESERVOIR SNO	9800	5/01	0	.0	.0	4.2
DRY BREAD POND SNTL	8350	5/01	38	14.7	19.4	18.3
DRY FORK SNOTEL	7160	5/01	25	8.9	9.0	7.7
EAST WILLOW CREEK SN	8250	5/01	0	.0	3.7	3.0
FARMINGTON U. SNOTEL	8000	5/01	90	45.7	37.8	31.8
FARMINGTON L. SNOTEL	6780	5/01	33	14.7	16.8	-
FARNSWORTH LK SNOTEL	9600	5/01	54	20.4	21.5	21.1
FISH LAKE	8700	4/26	0	0.0	4.0	5.0
FIVE POINTS LAKE SNO	10920	5/01	44	15.6	18.6	17.5
G.B.R.C. HEADQUARTER	8700	4/26	37	13.3	14.0	14.2
G.B.R.C. MEADOWS	10000	4/26	71	26.4	27.6	25.8
GARDEN CITY SUMMIT	7600	4/28	34	11.6	15.3	14.7
GARDNER PEAK SNOTEL	8350	5/01	10	2.5	.0	-
GEORGE CREEK	8840				-	-
GOOSEBERRY R.S.	8400	4/26	23	7.3	10.9	8.3
GOOSEBERRY R.S. SNTL	7900	5/01	0	.0	.3	2.7
GUTZ PEAK SNOTEL	6820	5/01	0	.0	.0	-
HARDSCRABBLE SNOTEL	7250	5/01	21	8.4	15.4	6.9
HARRIS FLAT SNOTEL	7700	5/01	0	.0	.0	1.5
HAYDEN FORK SNOTEL	9100	5/01	28	11.3	16.0	13.0
HENRY'S FORK	10000	4/27	43	11.6	12.1	13.6
HEWINTA SNOTEL	9500	5/01	15	5.1	11.9	9.3
HICKERSON PARK SNTL	9100	5/01	15	4.3	4.2	5.7
HIDDEN SPRINGS	5500	4/28	0	.0	0.0	-
HOBBLE CREEK SUMMIT	7420	4/27	15	6.0	10.3	6.3
HOLE-IN-ROCK SNOTEL	9150	5/01	16	4.2	4.2	4.7
HORSE RIDGE SNOTEL	8260	5/01	33	14.1	19.7	17.9
HUNTINGTON-HORSESHOE	9800	4/27	67	27.2	24.0	24.6
INDIAN CANYON SNOTEL	9100	5/01	10	2.1	10.1	7.9
JOHNSON VALLEY	8850	4/26	0	0.0	4.7	3.8
JONES CORRAL SNOTEL	9750	5/01	30	11.2	8.2	-
KILFOIL CREEK	7300	4/28	34	12.8	18.8	9.8
KILLYON CANYON	6300	4/28	0	.0	0.0	-

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
KIMBERLY MINE SNOTEL	9300	5/01	26	12.3	11.6	12.5
KING'S CABIN SNOTEL	8730	5/01	6	2.8	8.2	7.6
KLONDIKE NARROWS	7400	4/28	29	12.4	20.3	13.3
KOLOB SNOTEL	9250	5/01	39	17.9	15.6	18.2
LAKEFORK #1 SNOTEL	10100	5/01	19	7.2	8.7	11.5
LAKEFORK BASIN SNTL	10900	5/01	57	22.4	21.7	23.8
LAKEFORK MOUNTAIN #3	8400	4/27	0	0.0	3.2	1.8
LAMBS CANYON	7400	4/29	18	7.9	13.9	8.7
LASAL MOUNTAIN LOWER	8800	4/27	0	.0	.4	4.2
LASAL MOUNTAIN SNTL	9850	5/01	0	.0	1.9	8.7
LIGHTNING RIDGE SNTL	8220	5/01	33	14.4	19.1	-
LILY LAKE SNOTEL	9050	5/01	30	11.9	14.1	11.1
LITTLE BEAR LOWER	6000	4/28	6	2.7	11.2	1.7
LITTLE BEAR SNOTEL	6550	5/01	0	.0	2.8	3.4
LITTLE GRASSY SNOTEL	6100	5/01	0	.0	.0	.0
LONG FLAT SNOTEL	8000	5/01	0	.0	.0	1.8
LONG VALLEY JCT. SNT	7500	5/01	0	.0	.0	.0
LOOKOUT PEAK SNOTEL	8200	5/01	65	31.3	29.9	20.4
LOST CREEK RESERVOIR	6130	4/28	0	0.0	0.0	.0
LOUIS MEADOW SNOTEL	6700	5/01	20	10.9	15.0	-
MAMMOTH-COTTONWD SNT	8800	5/01	34	16.6	17.9	16.0
MERCHANT VALLEY SNTL	8750	5/01	29	11.3	6.1	8.1
MIDDLE CANYON	7000	4/28	16	6.7	11.9	7.8
MIDWAY VALLEY SNOTEL	9800	5/01	57	23.3	20.3	23.2
MILL CREEK	6950	4/29	54	21.4	25.9	18.6
MILL-D NORTH SNOTEL	8960	5/01	51	25.1	29.2	21.7
MILL-D SOUTH FORK	7400	4/30	27	11.6	22.1	12.4
MINING FORK SNOTEL	8000	5/01	38	16.0	19.2	18.3
MONTE CRISTO SNOTEL	8960	5/01	64	27.1	30.5	28.3
MOSBY MTN. SNOTEL	9500	5/01	20	6.7	7.5	12.0
MT. BALDY R.S.	9500	4/26	67	24.8	23.6	24.6
MUD CREEK #2	8600	4/27	33	10.9	16.4	8.4
OAK CREEK	7760	4/26	23	7.4	7.5	8.4
PANGUITCH LAKE R.S.	8200	4/27	0	.0	0.0	-
PARLEY'S CANYON SNTL	7500	5/01	18	7.5	13.6	9.3
PARRISH CREEK SNOTEL	7740	5/01	70	30.3	28.5	-
PAYSON R.S. SNOTEL	8050	5/01	24	11.3	15.8	13.3
PICKLE KEG SNOTEL	9600	5/01	32	14.4	13.7	14.1
PINE CREEK SNOTEL	8800	5/01	32	13.6	18.8	21.2
RED PINE RIDGE SNTL	9200	5/01	30	12.3	14.7	13.0
REDDEN MINE LOWER	8500	4/27	46	18.9	22.3	15.6
REES'S FLAT	7300	4/26	4	1.4	9.3	7.3
ROCK CREEK SNOTEL	7900	5/01	0	.0	3.8	1.4
ROCKY BN-SETTLEMT SN	8900	5/01	46	22.8	22.4	25.3
SEELEY CREEK SNOTEL	10000	5/01	35	13.7	10.7	15.5
SMITH MOREHOUSE SNTL	7600	5/01	22	9.7	13.6	7.5
SNOWBIRD SNOTEL	9700	5/01	94	51.8	56.6	41.3
SPIRIT LAKE	10300	4/27	43	13.5	11.0	14.7
SQUAW SPRINGS	9300	4/26	7	1.4	1.6	3.7
STEEL CREEK PARK SNO	10100	5/01	51	16.8	19.3	18.6
STILLWATER CAMP	8550	4/27	16	5.8	11.3	6.8
STRAWBERRY DIVIDE SN	8400	5/01	23	6.7	14.3	11.3
SUSC RANCH	8200	4/27	0	0.0	0.0	2.2
TALL POLES	8800	4/27	28	10.4	6.2	10.9
TEMPLE FORK SNOTEL	7410	5/01	28	11.8	13.5	-
THAYNES CANYON SNTL	9200	5/01	54	23.4	30.6	22.5
THISTLE FLAT	8500	4/26	44	15.9	16.2	-
TIMBERLINE	9100	4/27	9	2.2	12.6	-
TIMBERLINE SNOTEL	8680	5/01	0	.0	7.8	-
TIMPANOGOS DIVIDE SN	8140	5/01	42	19.0	18.0	17.6
TONY GROVE LK SNOTEL	8400	5/01	76	36.4	37.4	34.2
TONY GROVE R.S.	6250	4/28	6	2.2	9.4	3.2
TRIAL LAKE	9960	4/27	64	25.2	27.4	25.2
TRIAL LAKE SNOTEL	9960	5/01	55	25.5	24.4	26.5
TROUT CREEK SNOTEL	9400	5/01	21	6.7	8.1	7.8
UPPER JOES VALLEY	8900	4/27	10	2.9	7.5	5.0
USU DOC DANIEL SNTL	8270	5/01	81	34.1	31.9	-
VERNON CREEK SNOTEL	7500	5/01	8	1.1	6.2	4.5
VIPONT	7670				-	-
WEBSTER FLAT SNOTEL	9200	5/01	2	.8	.0	6.8
WHITE RIVER #1 SNTL	8550	5/01	7	2.3	9.0	7.7
WHITE RIVER #3	7400	4/27	0	0.0	2.1	.5
WIDTSOE #3 SNOTEL	9500	5/01	2	.9	.0	9.5
WRIGLEY CREEK	9000	4/26	18	5.2	8.6	7.3
YANKEE RESERVOIR	8700	4/27	17	6.3	1.0	6.0

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Utah Water Supply Outlook Report

Natural Resources Conservation Service
Salt Lake City, UT

