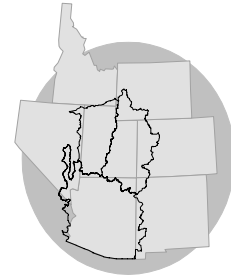


WATER SUPPLY OUTLOOK

for the
EASTERN GREAT BASIN
COLORADO BASIN
RIVER FORECAST CENTER



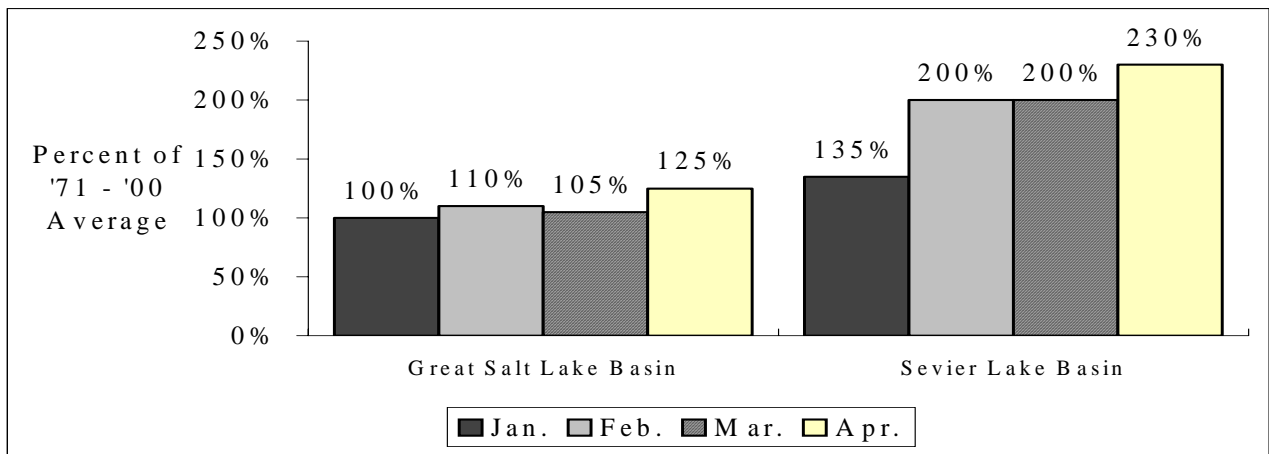
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT

APRIL 1, 2005

SUMMARY

As of April 1 near to much above average April-July runoff is forecast in the Great Salt Lake Basin and much above average in the Sevier Lake Basin with three record flows forecast on the Sevier River. Forecasts range from 90 to 175 percent of the 1971-2000 average in the Great Salt Lake Basin and 185 to 300 percent of average in the Sevier Lake Basin. The Great Salt Lake Basin volume forecasts increased from 5 to 30 percent overall and the Sevier Lake Basin forecasts increased 30 percent from March 1.

APRIL - JULY VOLUME FORECASTS



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GREAT SALT LAKE BASIN

The April 1 water supply outlook is for near to much above average runoff in the Great Salt Lake Basin.

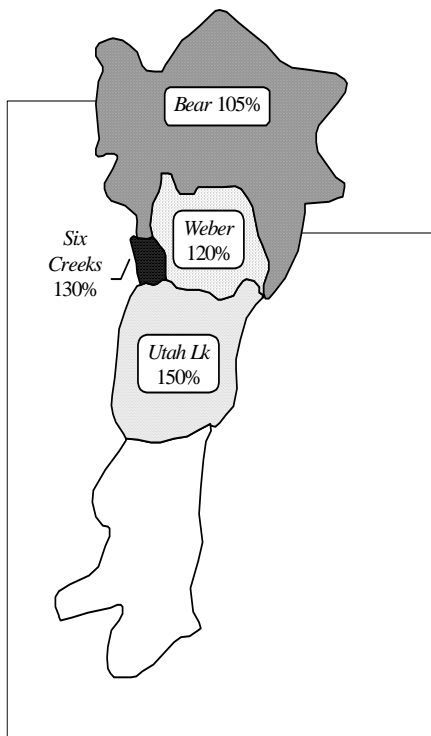
April-July streamflow forecasts for the Great Salt Lake Basin are as follows:

Bear River:
Near Average

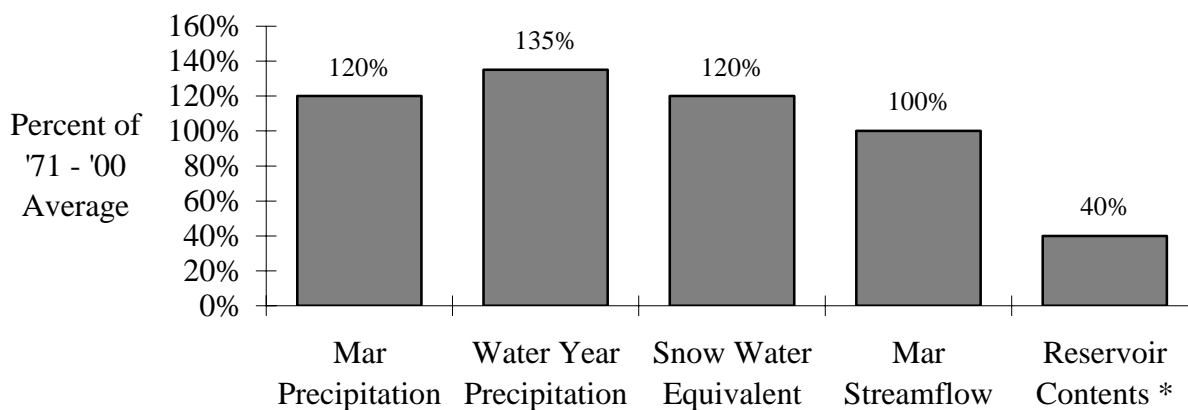
Weber River:
Above Average

Utah Lake:
Much Above Average

Six Creeks:
Above Average



BASIN CONDITIONS - APRIL 1, 2005



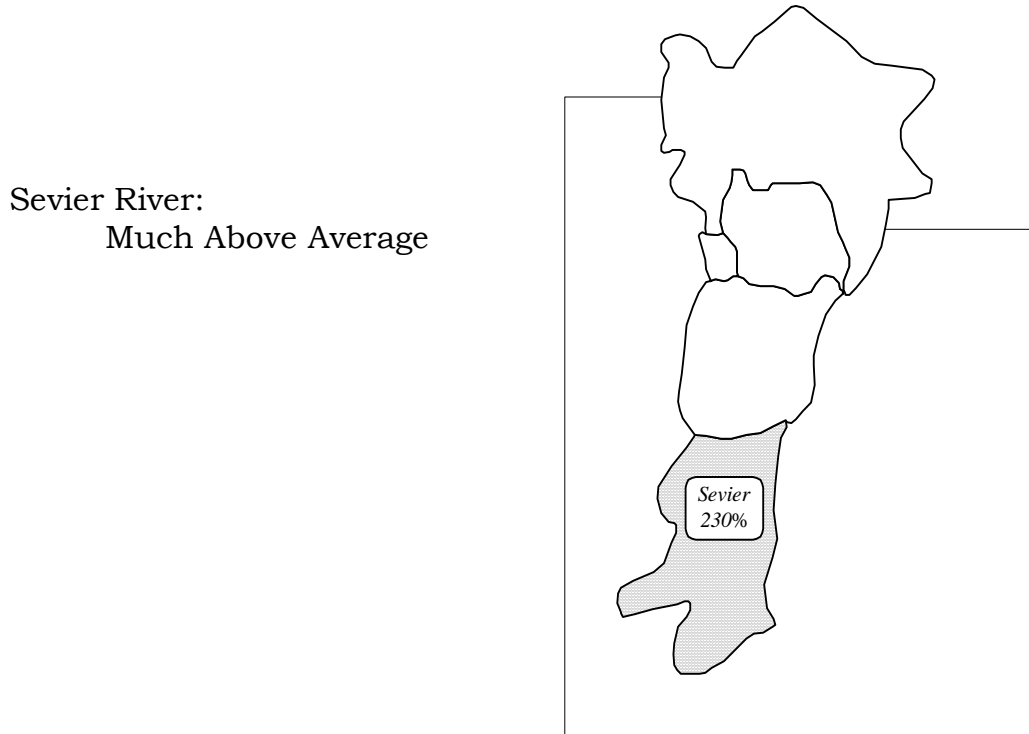
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 4.

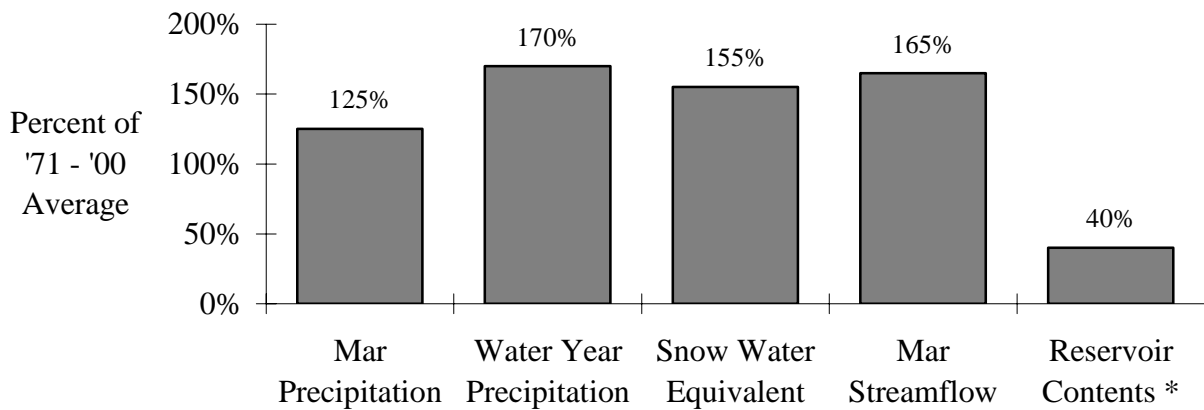
SEVIER LAKE BASIN

The April 1 water supply outlook is for much above average April-July runoff volumes in the Sevier Lake Basin. Record flows forecast for Sevier R. at Hatch, Sevier R. nr Kingston and Sevier R. at Vermillion Dam. Four other sites are forecast to be second largest flows on record.

April-July streamflow forecasts for the Sevier Lake Basin are as follows:



BASIN CONDITIONS - APRIL 1, 2005



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 5.

SPECIFIC SITE FORECASTS

Great Salt Lake Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
BEAR	UTAH-WYOMING STATE LINE, NR	130	115	153	107
	WOODRUFF NARROWS RES	162	119	205	120
	MONTPELIER, NR, STEWART DAM, B	133	57	189	87
BIG CK	RANDOLPH, NR	4.1	84	5.6	2.6
SMITHS FORK	BORDER, NR	91	88	110	72
LOGAN	LOGAN, NR, STATE DAM, ABV	120	95	148	95
BLACKSMITH FORK	HYRUM, NR, UP&L DAM, ABV	55	115	77	37
SMITH AND MOREHOUSE CK	OAKLEY, NR	40	118	47	33
WEBER	OAKLEY, NR	150	122	176	124
	ROCKPORT RES, WANSHIP, NR	166	124	200	133
	COALVILLE, NR	171	125	205	136
	ECHO RES, ECHO, AT	210	117	260	161
	GATEWAY	455	128	550	360
CHALK CK	COALVILLE	50	111	67	33
LOST CK	LOST CK RES, CROYDON, NR	18	102	27	11
EAST CANYON CK	EAST CANYON RES, MORGAN, NR	41	132	53	31
SF OGDEN	HUNTSVILLE, NR	70	109	87	53
OGDEN	PINEVIEW RES, OGDEN, NR	140	105	173	107
WHEELER CK	HUNTSVILLE, NR	9.7	154	11.7	7.7
SPANISH FORK	CASTILLA, NR	102	132	141	62
PROVO	WOODLAND, NR	149	145	176	118
	HAILSTONE, NR	160	147	196	124
	DEER CK RES	185	147	235	134
AMERICAN FORK	AMERICAN FORK, NR, UP PWRPLNT,	56	175	63	49
JORDAN	UTAH LAKE, PROVO, NR	495	152	630	360
LITTLE COTTONWOOD CK	SALT LAKE CITY, NR	57	142	63	51
BIG COTTONWOOD CK	SALT LAKE CITY, NR	56	147	64	48
CITY CK	SALT LAKE CITY, NR	12	138	15.4	8.6
EMIGRATION CK	SALT LAKE CITY, NR	5.8	129	8.7	3
MILL CK	SALT LAKE CITY, NR	8.5	121	11.1	5.9
DELL FK	LITTLE DELL RES	8.2	121	12	4.4
PARLEYS CK	SALT LAKE CITY, NR	20	120	27	12.9
VERNON CK	VERNON, NR	1.9	128	2.9	1.24
S WILLOW CK	GRANTSVILLE, NR	5	156	6.1	3.9
SETTLEMENT CK	TOOELE, NR	2.6	132	3.8	1.69

Sevier Lake Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SEVIER	HATCH	165	300	183	147
	KINGSTON, NR	225	253	255	197
	PIUTE RES, MARYSVALE, NR	305	242	360	250
	VERMILLION DAM	370	215	430	310
	SIGURD, NR	390	210	475	305
	GUNNISON, NR, SAN PITCH, BLO	575	205	775	370
EF SEVIER	KINGSTON, NR	87	229	107	67
CLEAR CK	SEVIER, NR, DIV, ABV	46	209	56	36
SALINA CK	* SALINA	MA	0	0	0
CHICKEN CK	LEVAN, NR	5.5	122	8.5	3.3
OAK CK	OAK CITY, NR, LITTLE CK, ABV	2	123	2.8	1.36
BEAVER	BEAVER, NR	50	185	62	40
	MINERSVILLE RES, MINERSVILLE,	38	229	57	23
COAL CK	CEDAR CITY, NR	54	280	62	46

* Categorical Forecast - Current regulations allow for discontinuance of a streamflow volume forecast when observations at the point have not been taken or recorded for 5 years or longer. Recognizing the importance to the user, the NWS and NRCS have often continued to provide forecasts long after observations have ceased. Forecasters will now have the option to express these forecasts categorically (e.g. instead of issuing a forecast of 77 percent of average, the forecast would simply be “below average”). Specifically, the categories are:

MA - much above normal (greater than 130 percent of normal)

AN - above normal (111- 130 percent of normal)

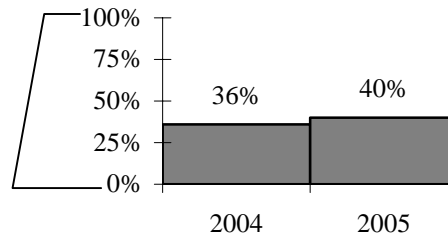
NN - near normal (90-110 percent of normal)

BN - below normal (70-89 percent of normal)

MB - much below normal (less than 70 percent of normal)

END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



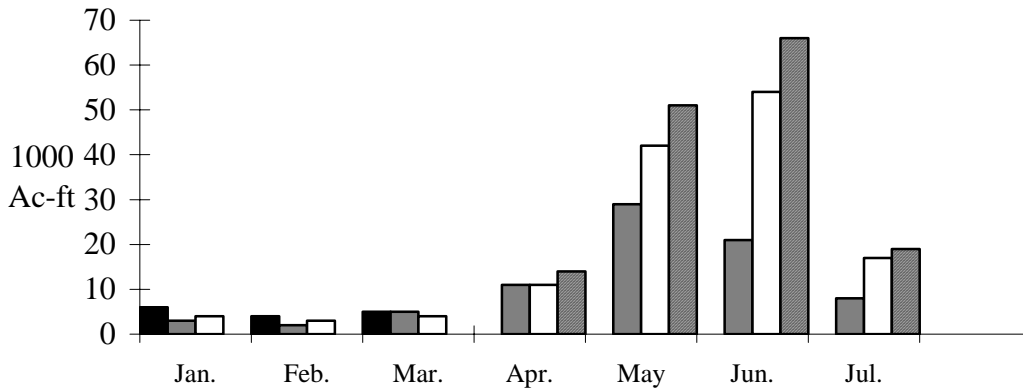
RESERVOIR (vol. in 1000 ac-ft)	Usable Capacity	EOM Usable Contents	Percent Usable Capacity (%)
Bear Lake	1302	37	3
Causey	7.1	2.7	38
Jordanelle	311	217.3	70
Deer Creek	149.7	130.4	87
East Canyon	49.5	41.2	83
Echo	73.9	54.4	74
Gunnison	20.3	5.2	26
Hyrum	15.3	12.2	80
Lost Creek	22.5	6.8	30
Minersville	23.3	9.1	39
Otter Creek	52.5	28.7	55
Pine View	110.1	76.5	69
Piute	71.8	32.2	45
Rockport	60.9	47.3	78
Sevier bridge	236	85.7	36
* Utah Lake	870.9	522.2	60
Willard	215	130.3	61
Woodruff Narrows	55.8	27.5	49
TOTAL	3647.6	1466.7	40
Flaming Gorge	3749	2854.1	76
Lake Powell	24322	8015.2	33
Moon Lake	36	24.4	68
Red Fleet	25.7	missing	-99
Scofield	65.8	12.2	19
Starvation	165.3	142.1	86
Steinaker	34.4	23	67
Strawberry	1105.9	712.4	64
Upper Stillwater	32.5	2.2	7

* Usable capacity taken at compromise Total does not include missing site usable capacities

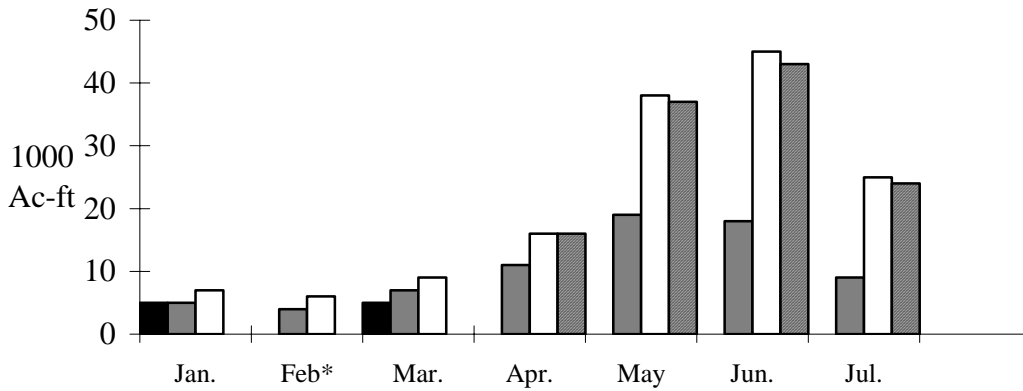
MONTHLY STREAMFLOWS



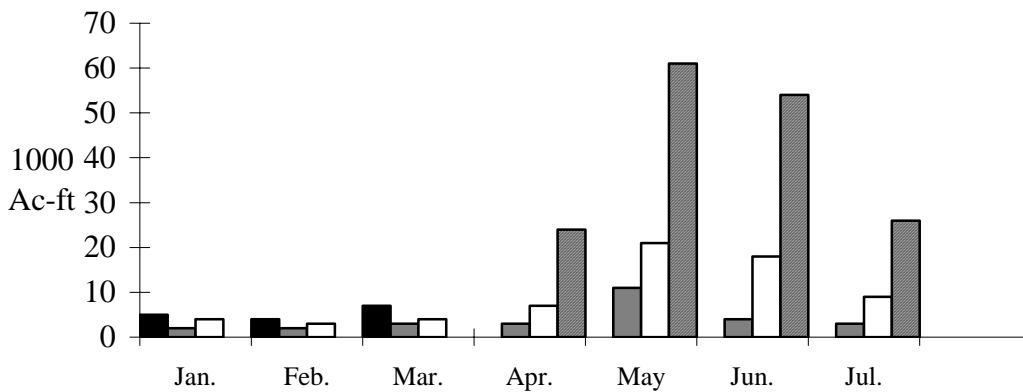
Weber Oakley, nr:



Logan - Logan, nr, State Dam, abv:



Sevier - Hatch:

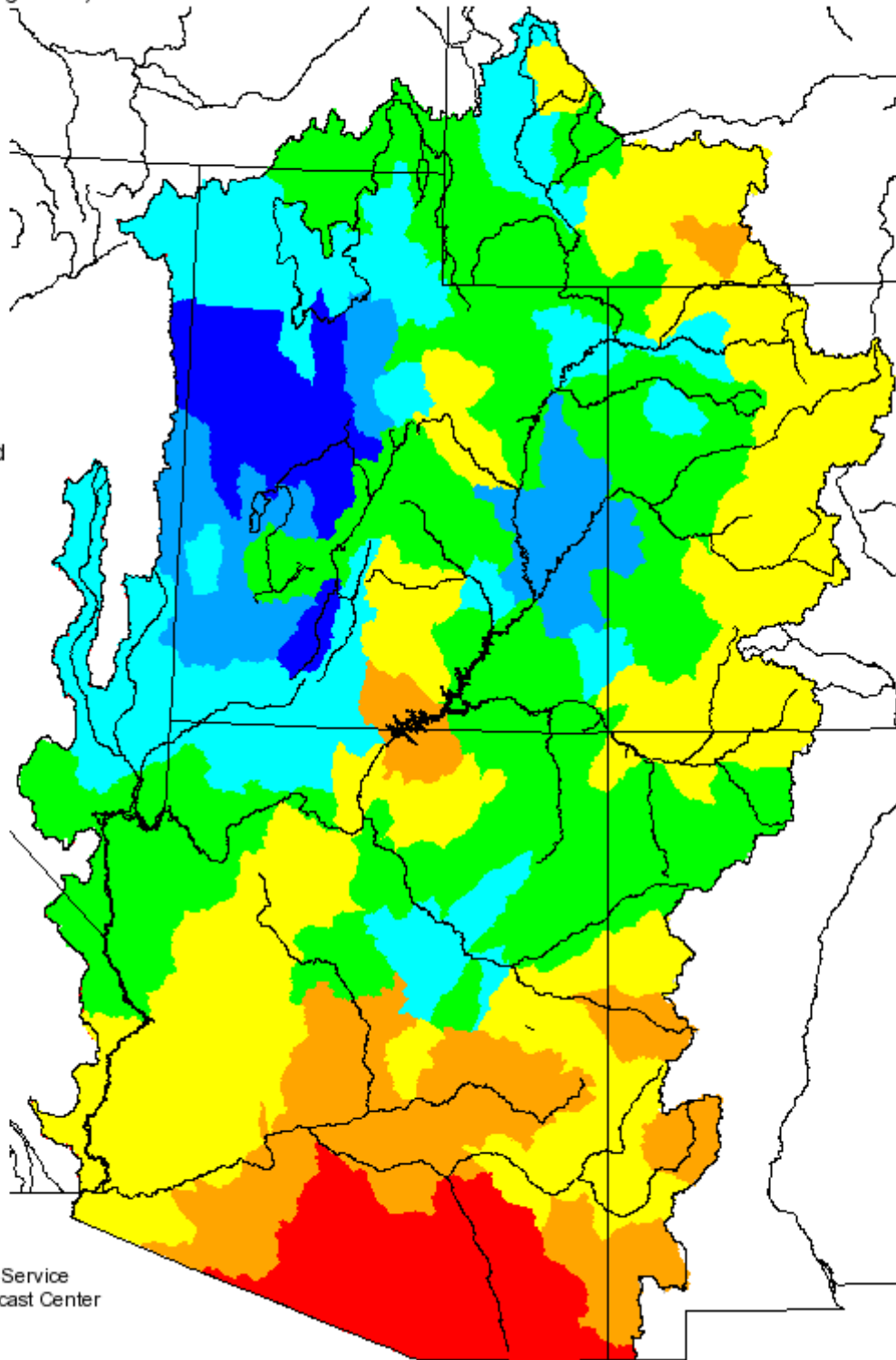
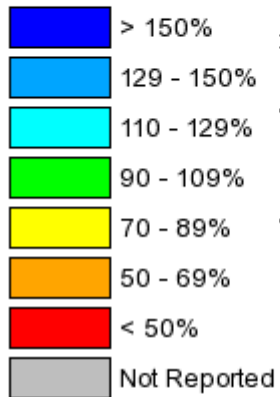


* observed data unavailable

Monthly Precipitation for March 2005

(Averaged by Hydrologic Unit)

% Average

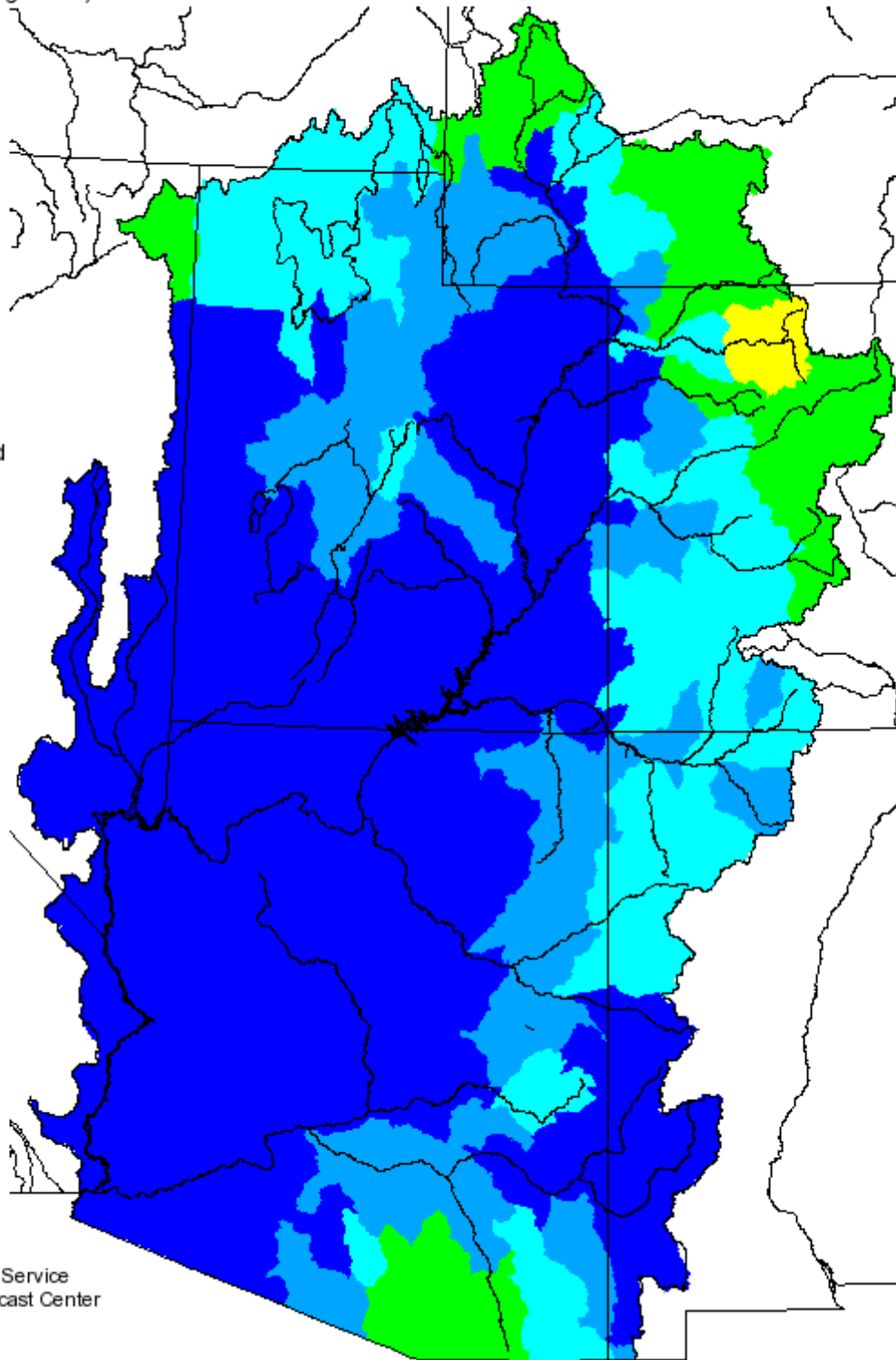
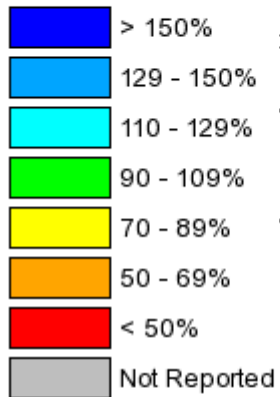


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2004 - March 2005

(Averaged by Hydrologic Unit)

% Average



Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

ADDITIONAL INFORMATION

Water supply forecasts take into consideration present hydrometeorological conditions and use average basin temperatures and precipitation for the forecast period. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty becomes known and monthly forecasts become more accurate.

Volume forecasts represent adjusted flows; that is, observed flows with upstream water use taken into account. Adjusted flows will closely approximate natural or unimpaired flows. However, not all upstream diversions or impoundments are measured or quantifiable. For specific adjustments used with each forecast point, consult the Guide to Water Supply Forecasting.

The Water Supply Outlook is issued monthly January through May by the Colorado Basin River Forecast Center, National Weather Service. It represents a coordinated effort between the National Weather Service, Natural Resources Conservation Service, Bureau of Reclamation, U.S. Geological Survey and local water district managers.

DEFINITIONS:

Acre-Foot:

The volume equal to one acre covered one foot deep (43,560 cubic feet).

Average:

The arithmetic mean. The sum of the values divided by the number of values.

Categories:

Much above Average	Above Average	Near Average	Below Average	Much Below Average
Greater than 130%	111-130%	90-110%	70-89%	Less than 70%

Forecast Period:

The period from April 1 through July 31.

Median:

The middle value. One half of the observed values are higher and half of the values are lower than this.

Most Probable Forecast:

Given the current hydrometeorological conditions to date, this is the best estimate of what the runoff volume will be this season.

Reasonable Maximum Forecast:

Given the current hydrometeorological conditions, the seasonal runoff that has a ten percent (10%) chance of being exceeded.

Reasonable Minimum Forecast:

Given the current hydrometeorological conditions, the seasonal runoff that has a ninety percent (90%) chance of being exceeded.

Water Year:

The period from October 1 through September 30.

NOTE: Data used in this report are provisional and are subject to revision.

For more information, or to be included on the mailing list, please contact:
Colorado Basin River Forecast Center, National Weather Service

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