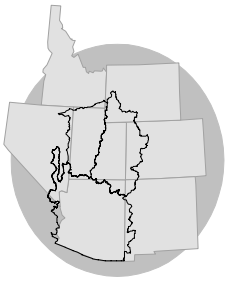
WATER SUPPLY OUTLOOK
for the
EASTERN GREAT BASIN

COLORADO BASIN
RIVER FORECAST CENTER

NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT

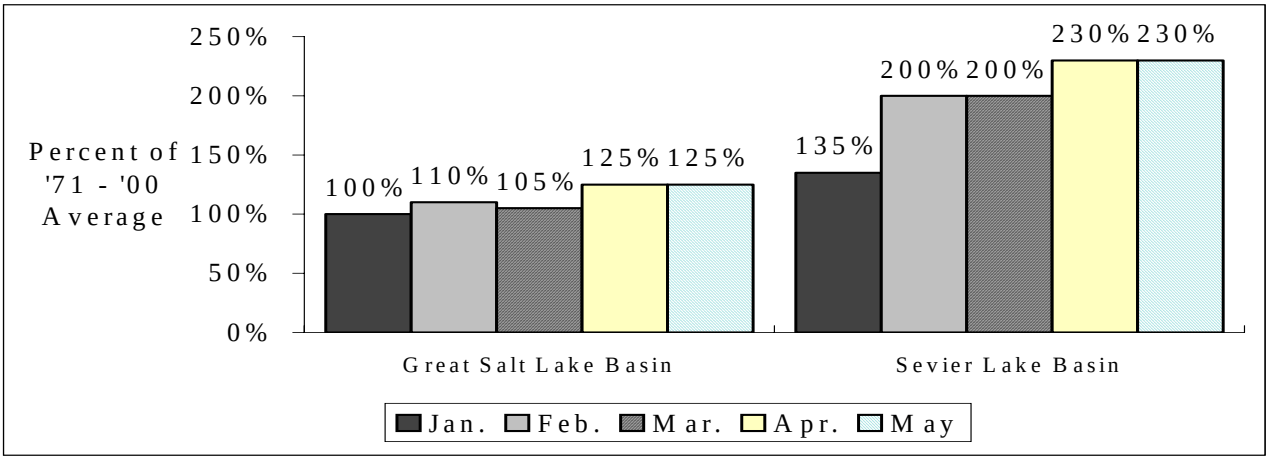


MAY 1, 2005

SUMMARY

As of May 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 185 percent of the 1971-2000 average in the Great Salt Lake Basin and 195 to 300 percent of average in the Sevier Lake Basin. Forecasts changed only slightly from April 1 throughout the E. Great Basin.

APRIL - JULY VOLUME FORECASTS



GREAT SALT LAKE BASIN

The May 1 water supply outlook is for near to much above average runoff in the Great Salt Lake Basin. American Fork nr American Fork is forecast to be the second highest flow on record.

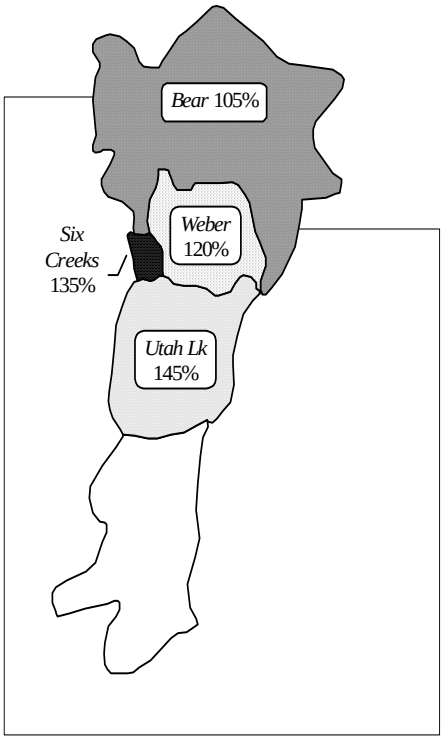
April-July streamflow forecasts for the Great Salt Lake Basin are as follows:

Bear River:
Near Average

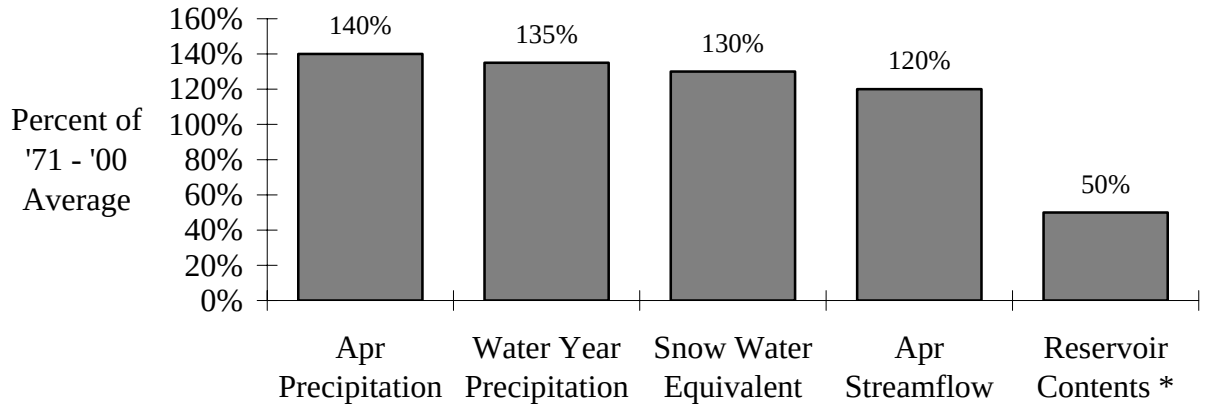
Weber River:
Above Average

Utah Lake:
Much Above Average

Six Creeks:
Much Above Average



BASIN CONDITIONS - MAY 1, 2005



* Percent usable capacity, not percent average contents.

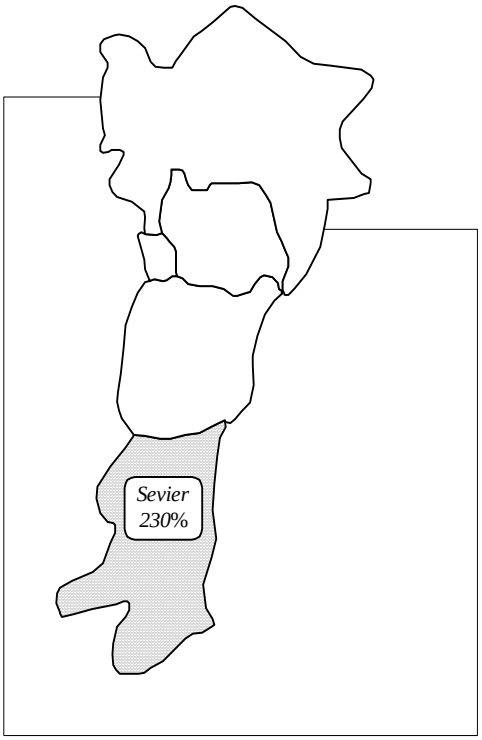
Specific site forecasts are listed beginning on page 4.

SEVIER LAKE BASIN

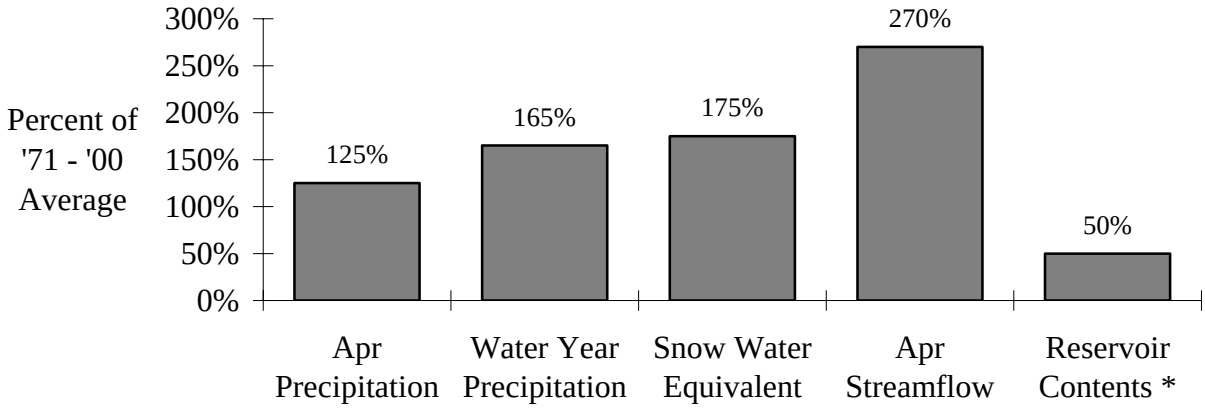
The May 1 water supply outlook is for much above average April-July runoff volumes in the Sevier Lake Basin. Record flows forecast for Sevier R. at Hatch, Sevier R. nr Kingston and Sevier R. at Vermillion Dam. Four other sites are forecast to be second highest flows on record.

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

Sevier River:
Much Above Average



BASIN CONDITIONS - MAY 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	123	109	137	109
	WOODRUFF NARROWS RES	147	108	178	116
	MONTPELIER, NR, STEWART DAM, B	136	58	185	94
BIG CK	RANDOLPH, NR	5	102	5.8	4.2
SMITHS FORK	BORDER, NR	91	88	99	83
LOGAN	LOGAN, NR, STATE DAM, ABV	135	107	151	120
BLACKSMITH FORK	HYRUM, NR, UP&L DAM, ABV	58	121	70	47
SMITH AND MOREHOUSE CK	OAKLEY, NR	40	118	44	36
WEBER	OAKLEY, NR	150	122	165	135
	ROCKPORT RES, WANSHIP, NR	166	124	185	147
	COALVILLE, NR	171	125	189	153
	ECHO RES, ECHO, AT	210	117	240	181
	GATEWAY	475	134	535	415
CHALK CK	COALVILLE	50	111	62	38
LOST CK	LOST CK RES, CROYDON, NR	18	102	22	14.1
EAST CANYON CK	EAST CANYON RES, MORGAN, NR	44	142	52	37
SF OGDEN	HUNTSVILLE, NR	72	112	79	65
OGDEN	PINEVIEW RES, OGDEN, NR	145	109	165	125
WHEELER CK	HUNTSVILLE, NR	10.2	162	11.2	9.2
SPANISH FORK	CASTILLA, NR	100	130	138	62
PROVO	WOODLAND, NR	135	131	155	115
	HAILSTONE, NR	155	142	185	125
	DEER CK RES	180	143	215	144
AMERICAN FORK	AMERICAN FORK, NR, UP PWRPLNT,	59	184	65	53
JORDAN	UTAH LAKE, PROVO, NR	450	138	570	330
LITTLE COTTONWOOD CK	SALT LAKE CITY, NR	55	138	61	49
BIG COTTONWOOD CK	SALT LAKE CITY, NR	53	139	60	46
CITY CK	SALT LAKE CITY, NR	11.8	136	14.7	8.9
EMIGRATION CK	SALT LAKE CITY, NR	6	133	8.5	3.6
MILL CK	SALT LAKE CITY, NR	8.5	121	10.5	6.5
DELL FK	LITTLE DELL RES	9	132	11.9	6.1
PARLEYS CK	SALT LAKE CITY, NR	22	132	27	16.6
VERNON CK	VERNON, NR	2.3	155	3.3	1.61
S WILLOW CK	GRANTSVILLE, NR	5	156	5.7	4.3
SETTLEMENT CK	TOOELE, NR	2.6	132	3	2.3

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

Stream	Station	Most	Percent	Reas.	Reas.
SEVIER	HATCH	165	300	181	149
	KINGSTON, NR	220	247	250	189
	PIUTE RES, MARYSVALE, NR	300	238	355	245
	VERMILLION DAM	350	203	420	280
	SIGURD, NR	370	199	465	275
	GUNNISON, NR, SAN PITCH, BLO	545	195	760	330
EF SEVIER	KINGSTON, NR	87	229	106	68
CLEAR CK	SEVIER, NR, DIV, ABV	46	209	55	37
SALINA CK ❄	SALINA	MA	0	0	0
CHICKEN CK	LEVAN, NR	6.1	136	7.8	4.7
OAK CK	OAK CITY, NR, LITTLE CK, ABV	2.6	160	3.3	2
BEAVER	BEAVER, NR	52	193	63	43
	MINERSVILLE RES, MINERSVILLE,	41	247	60	26
COAL CK	CEDAR CITY, NR	56	290	62	51

❄ 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)

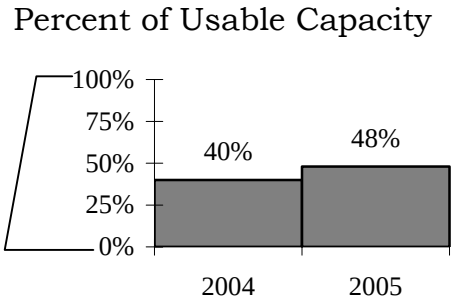
AN - above normal (111– 130 percent of normal)

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



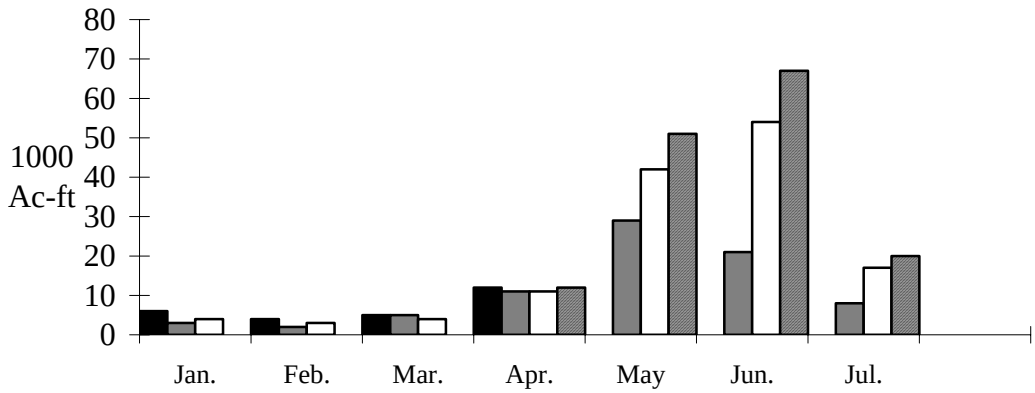
RESERVOIR (vol. in 1000 ac-ft)	Usable Capacity	EOM Usable Contents	Percent Usable Capacity (%)
Bear Lake	1302	121.7	9
Causey	7.1	6.4	90
Jordanelle	311	236.3	76
Deer Creek	149.7	138.8	93
East Canyon	49.5	39.1	79
Echo	73.9	62.8	85
Gunnison	20.3	3.5	17
Hyrum	15.3	13.7	90
Lost Creek	22.5	11.6	52
Minersville	23.3	9.7	42
Otter Creek	52.5	43.2	82
Pine View	110.1	92	84
Piute	71.8	47.3	66
Rockport	60.9	41	67
Sevier bridge	236	89.2	38
* Utah Lake	870.9	582.4	67
Willard	215	170	79
Woodruff Narrows	55.8	31	56
TOTAL	3647.6	1739.7	48
Flaming Gorge	3749	2909.9	78
Lake Powell	24322	8538.5	35
Moon Lake	36	21.3	59
Red Fleet	25.7	17.3	67
Scofield	65.8	17.8	27
Starvation	165.3	142.5	86
Steinaker	34.4	29.5	86
Strawberry	1105.9	727.4	66
Upper Stillwater	32.5	2.4	7

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

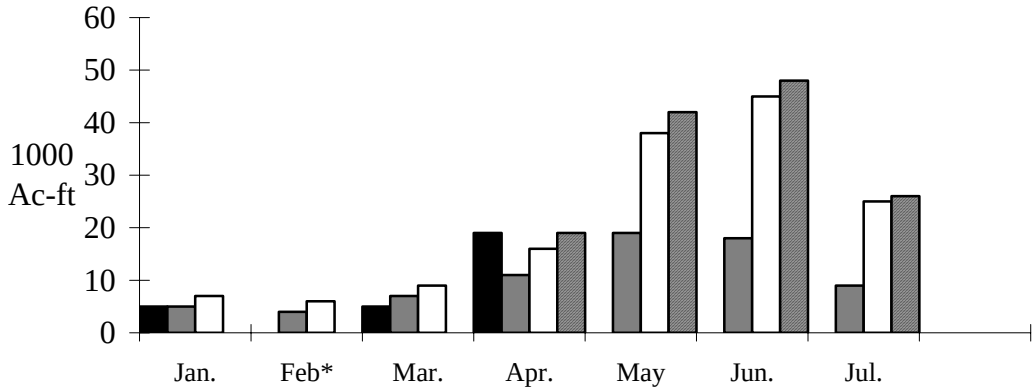
MONTHLY STREAMFLOWS

2005 Water Year | 2004 Water Year | 30 Year Average | 2005 Forecast

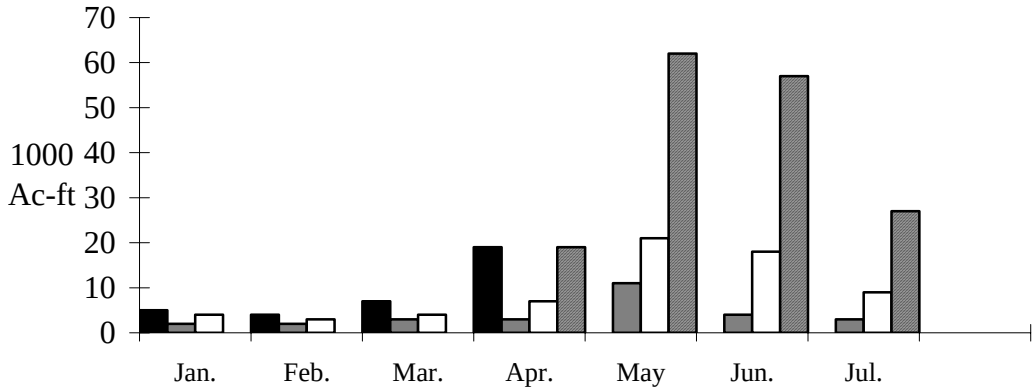
Weber Oakley, nr:



Logan - Logan, nr, State Dam, abv:



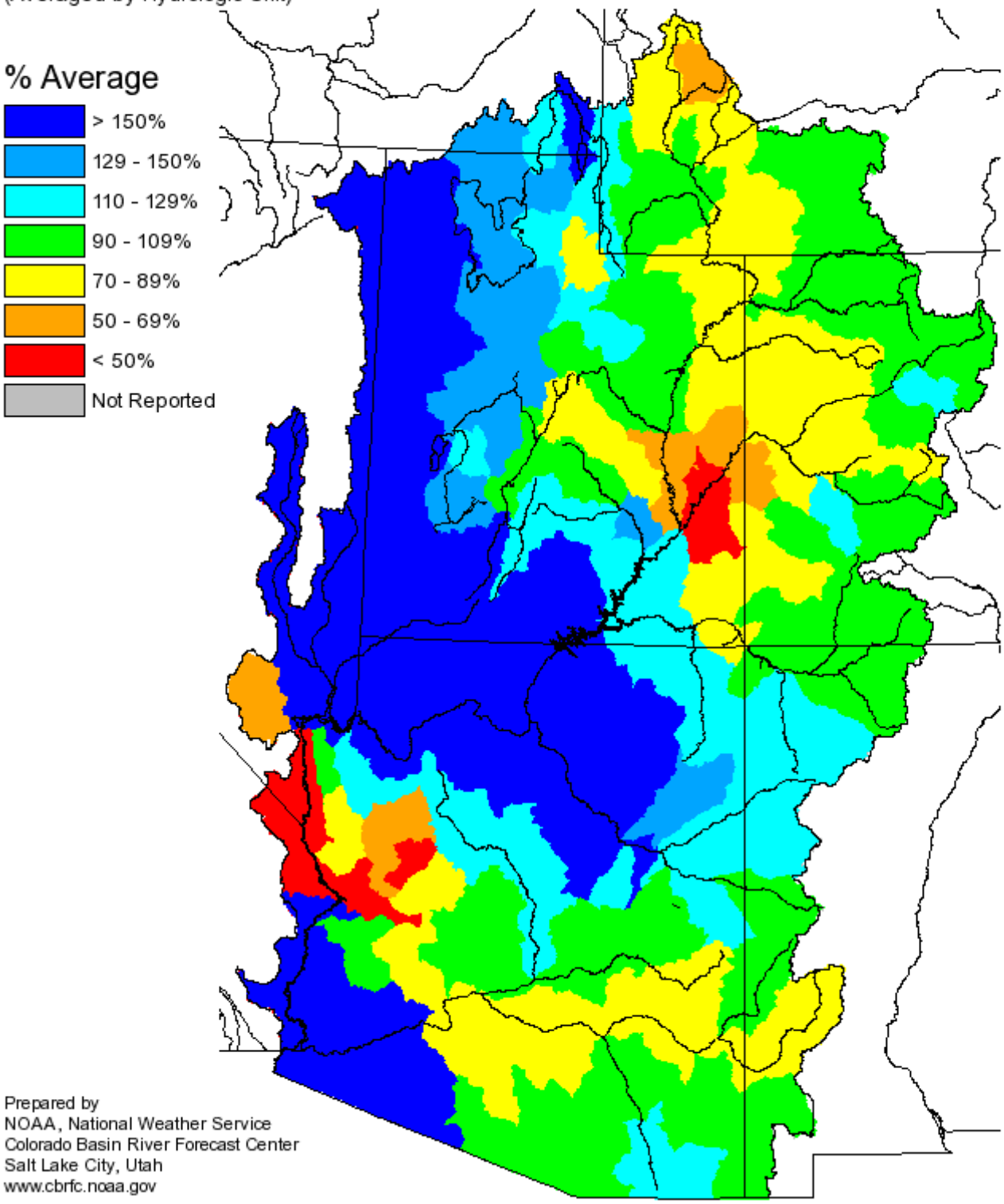
Sevier - Hatch:



* observed data unavailable

Monthly Precipitation for April 2005

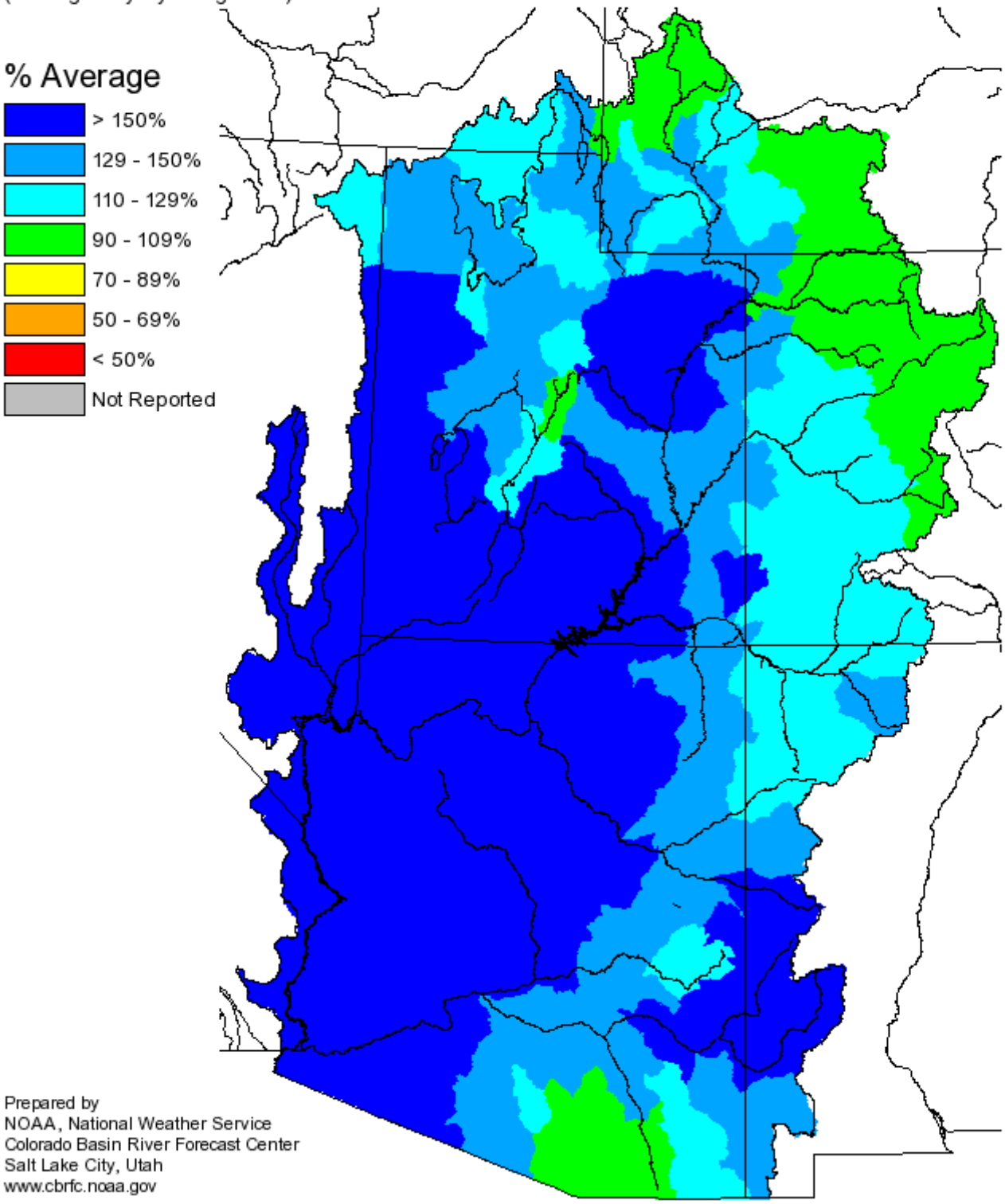
(Averaged by Hydrologic Unit)



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

Seasonal Precipitation, October 2004 - April 2005

(Averaged by Hydrologic Unit)



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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