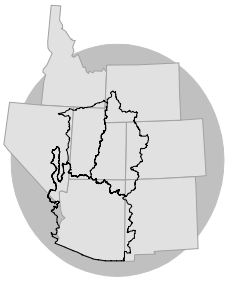
WATER SUPPLY OUTLOOK
for the
EASTERN GREAT BASIN

COLORADO BASIN
RIVER FORECAST CENTER

NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT

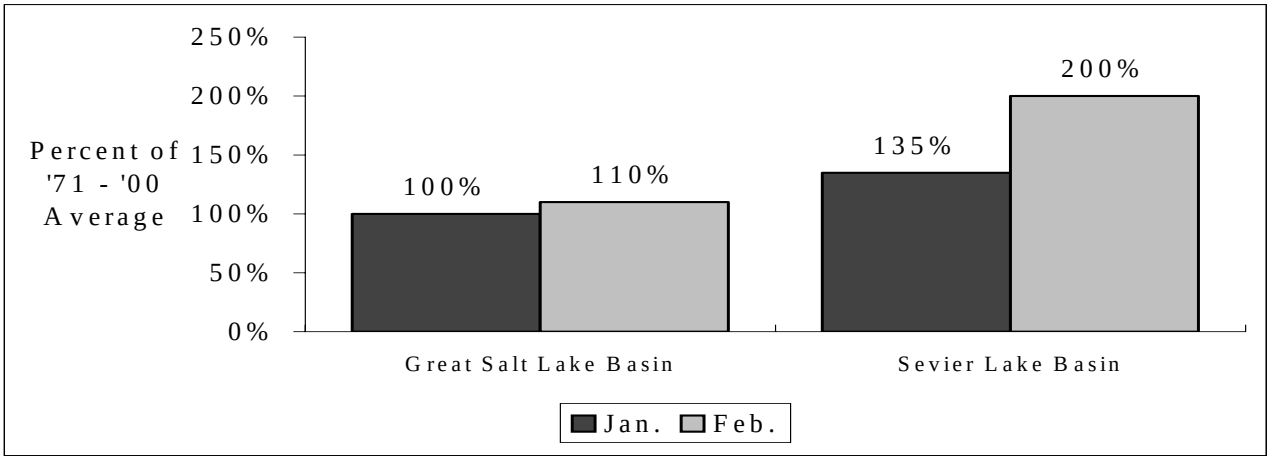


FEBRUARY 1, 2005

SUMMARY

Big difference between the North and South this year. As of February 1 near to 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 80 to 150 percent of the 1971-2000 average in the Great Salt Lake Basin and 145 to 290 percent of average in the Sevier Lake Basin. Forecast volumes increased from last month. February 1 snowpack ranges mostly from 70 to 205 percent of average in the Great Salt Lake Basin and 80 to 375 percent in the Sevier Lake Basin.

APRIL - JULY VOLUME FORECASTS



GREAT SALT LAKE BASIN

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

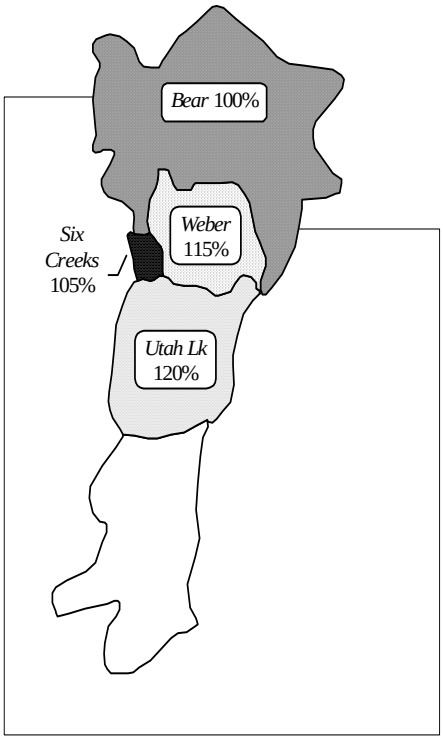
April-July streamflow forecasts for the Great Salt Lake Basin are as follows:

Bear River:
Near Average

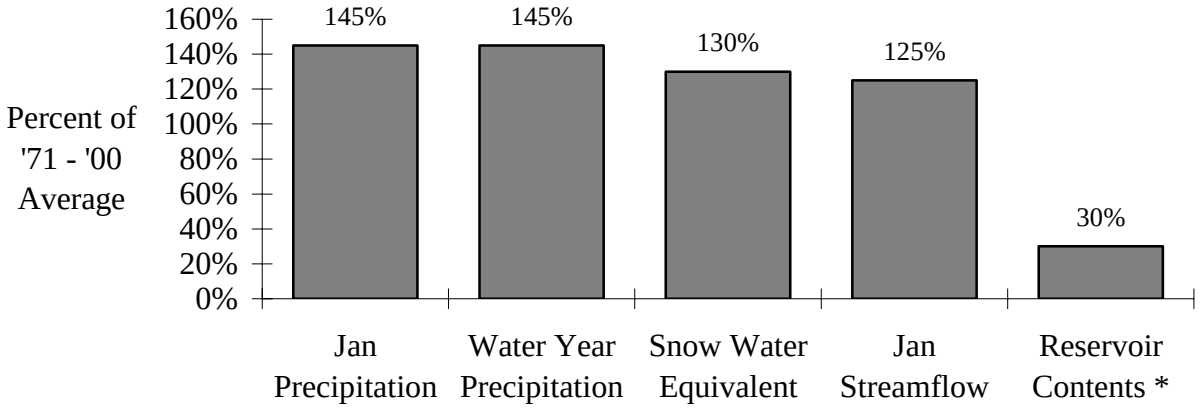
Weber River:
Above Average

Utah Lake:
Above Average

Six Creeks:
Near Average



BASIN CONDITIONS - FEBRUARY 1, 2005



* Percent usable capacity, not percent average contents.

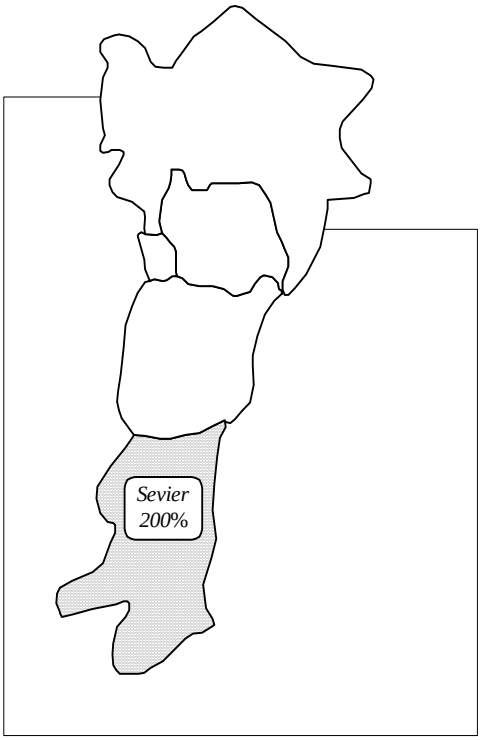
Specific site forecasts are listed beginning on page 4.

SEVIER LAKE BASIN

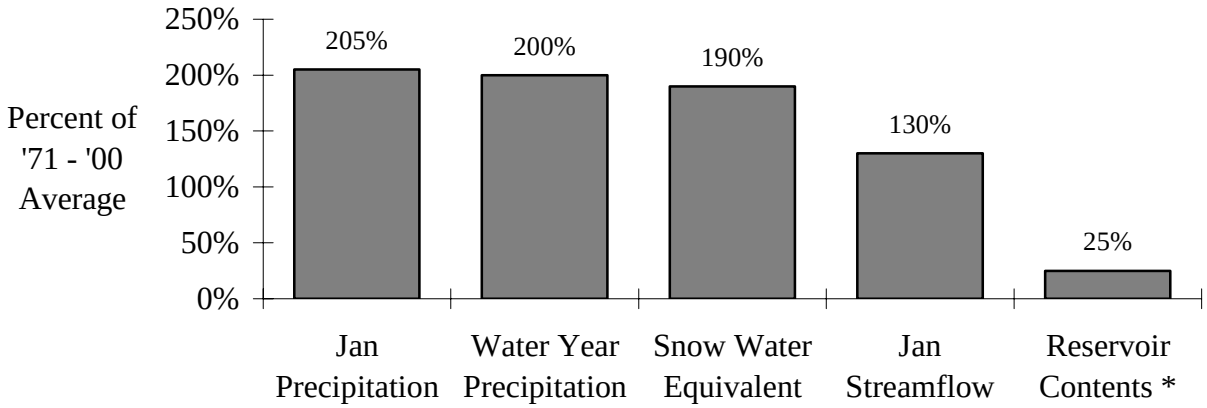
The February 1 water supply outlook is for much above average April-July runoff volumes in the Sevier Lake Basin. Record flows forecast for Sevier R. at Hatch, Sevier R. nr Kingston and Sevier R. at Vermillion Dam. Coal Ck nr Cedar City is forecast to be the second largest flow on record.

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

Sevier River:
Much Above Average



BASIN CONDITIONS - FEBRUARY 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	164	96
	WOODRUFF NARROWS RES	145	107	200	91
	MONTPELIER, NR, STEWART DAM, B	142	61	235	74
BIG CK	RANDOLPH, NR	4.6	94	6.5	2.7
SMITHS FORK	BORDER, NR	95	92	125	65
LOGAN	LOGAN, NR, STATE DAM, ABV	122	97	171	81
BLACKSMITH FORK	HYRUM, NR, UP&L DAM, ABV	50	104	76	29
SMITH AND MOREHOUSE CK	OAKLEY, NR	42	124	51	33
WEBER	OAKLEY, NR	145	118	177	113
	ROCKPORT RES, WANSHIP, NR	160	119	200	118
	COALVILLE, NR	182	133	225	138
	ECHO RES, ECHO, AT	210	117	270	152
	GATEWAY	395	111	510	280
CHALK CK	COALVILLE	53	118	72	34
LOST CK	LOST CK RES, CROYDON, NR	17	97	28	8.9
EAST CANYON CK	EAST CANYON RES, MORGAN, NR	32	103	45	22
SF OGDEN	HUNTSVILLE, NR	68	106	93	43
OGDEN	PINEVIEW RES, OGDEN, NR	140	105	190	90
WHEELER CK	HUNTSVILLE, NR	8	127	10.7	5.3
SPANISH FORK	CASTILLA, NR	72	94	122	22
PROVO	WOODLAND, NR	120	117	153	87
	HAILSTONE, NR	130	119	172	88
	DEER CK RES	150	119	215	86
AMERICAN FORK	AMERICAN FORK, NR, UP PWRPLNT,	48	150	59	37
JORDAN	UTAH LAKE, PROVO, NR	395	122	565	225
LITTLE COTTONWOOD CK	SALT LAKE CITY, NR	50	125	61	40
BIG COTTONWOOD CK	SALT LAKE CITY, NR	51	134	63	39
CITY CK	SALT LAKE CITY, NR	7	80	11.2	2.8
EMIGRATION CK	SALT LAKE CITY, NR	3.7	82	7	0.36
MILL CK	SALT LAKE CITY, NR	7	100	10	4
DELL FK	LITTLE DELL RES	7.2	106	11.3	3.1
PARLEYS CK	SALT LAKE CITY, NR	17.5	105	27	8.5
VERNON CK	VERNON, NR	1.4	95	2.5	0.77
S WILLOW CK	GRANTSVILLE, NR	5.4	169	7	3.8
SETTLEMENT CK	TOOELE, NR	2	102	3.1	1.21

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

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SEVIER	HATCH	140	255	169	111
	KINGSTON, NR	205	230	245	166
	PIUTE RES, MARYSVALE, NR	265	210	330	200
	VERMILLION DAM	310	180	380	240
	SIGURD, NR	320	172	415	225
	GUNNISON, NR, SAN PITCH, BLO	470	168	685	255
EF SEVIER	KINGSTON, NR	83	218	108	58
CLEAR CK	SEVIER, NR, DIV, ABV	35	159	48	22
SALINA CK ❄	SALINA	MA	0	0	0
CHICKEN CK	LEVAN, NR	4.8	107	9.7	1.92
OAK CK	OAK CITY, NR, LITTLE CK, ABV	1.92	118	3	1.08
BEAVER	BEAVER, NR	40	148	55	28
	MINERSVILLE RES, MINERSVILLE,	24	145	41	11.6
COAL CK	CEDAR CITY, NR	56	290	73	41

❄ 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)

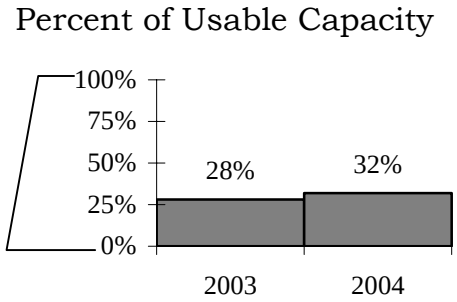
AN - above normal (111– 130 percent of normal)

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

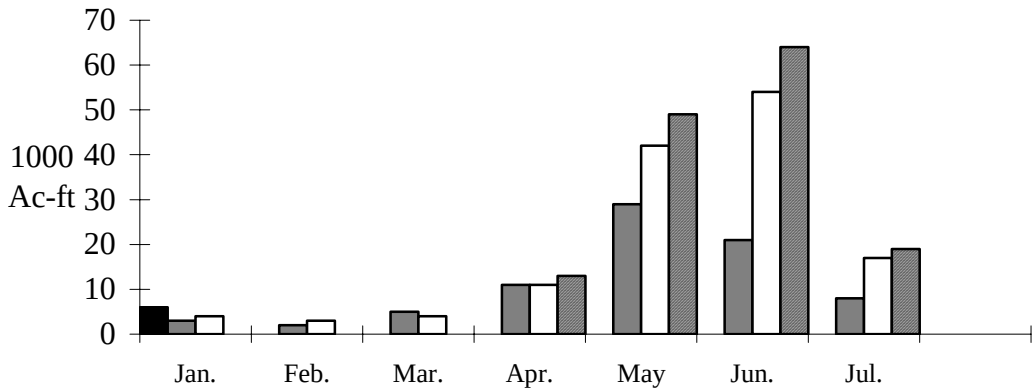


RESERVOIR (vol. in 1000 ac-ft)	Usable Capacity	EOM Usable Contents	Percent Usable Capacity (%)
Bear Lake	1302	0	0
Causey	7.1	3.5	49
Jordanelle	311	213.9	69
Deer Creek	149.7	110.8	74
East Canyon	49.5	34.2	69
Echo	73.9	40.1	54
Gunnison	20.3	2.2	11
Hyrum	15.3	10.4	68
Lost Creek	22.5	5.5	24
Minersville	23.3	6.7	29
Otter Creek	52.5	16.6	32
Pine View	110.1	66.4	60
Piute	71.8	30.7	43
Rockport	60.9	42.1	69
Sevier bridge	236	51.1	22
* Utah Lake	870.9	433.7	50
Willard	215	72.6	34
Woodruff Narrows	55.8	14	25
TOTAL	3647.6	1154.5	32
Flaming Gorge	3749	2769.4	74
Lake Powell	24322	8481.4	35
Moon Lake	36	19.9	55
Red Fleet	25.7	16.7	65
Scofield	65.8	8.9	14
Starvation	165.3	138.2	84
Steinaker	34.4	19	55
Strawberry	1105.9	728.5	66
Upper Stillwater	32.5	1.6	5

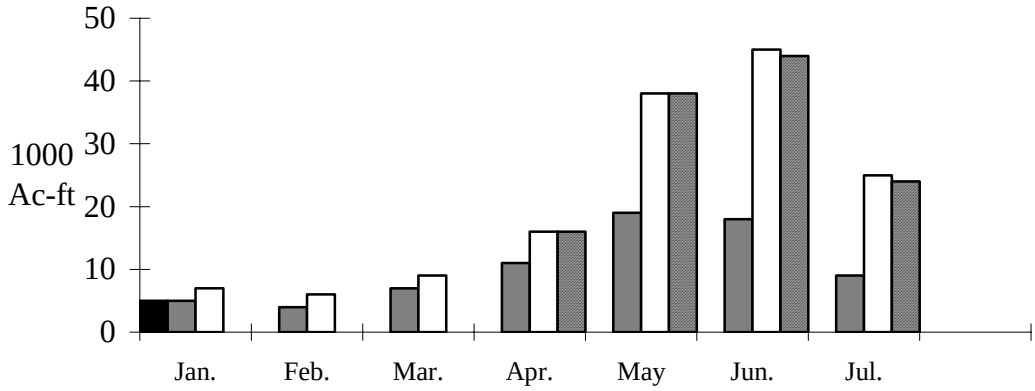
*** Usable capacity taken at compromise Total does not include missing site usable capacities**

MONTHLY STREAMFLOWS

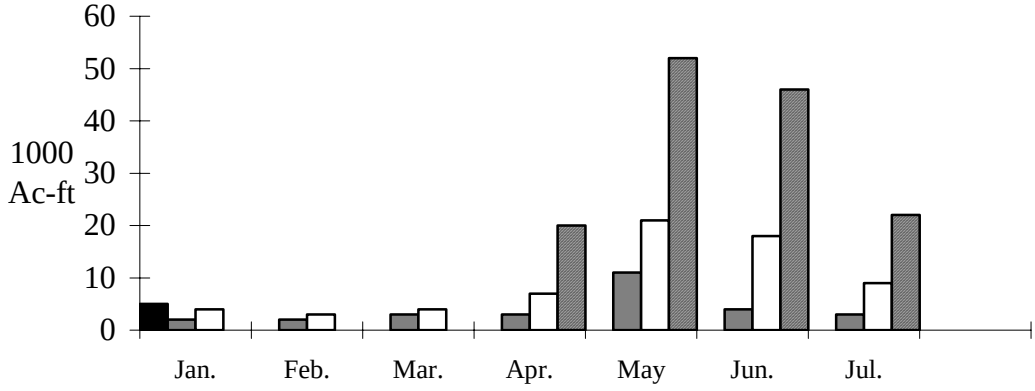
Weber Oakley, nr:



Logan - Logan, nr, State Dam, abv:



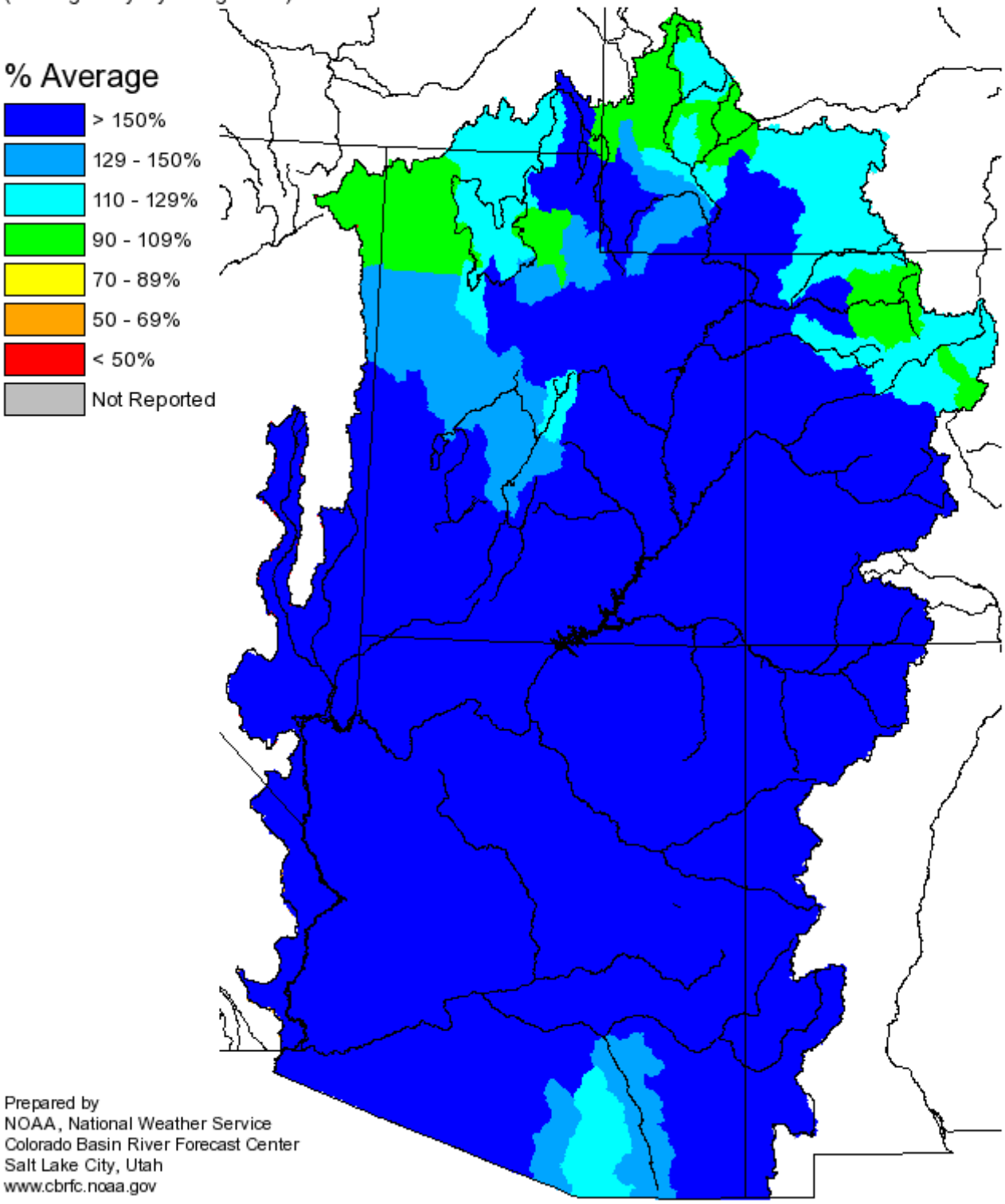
Sevier - Hatch:



* observed data unavailable

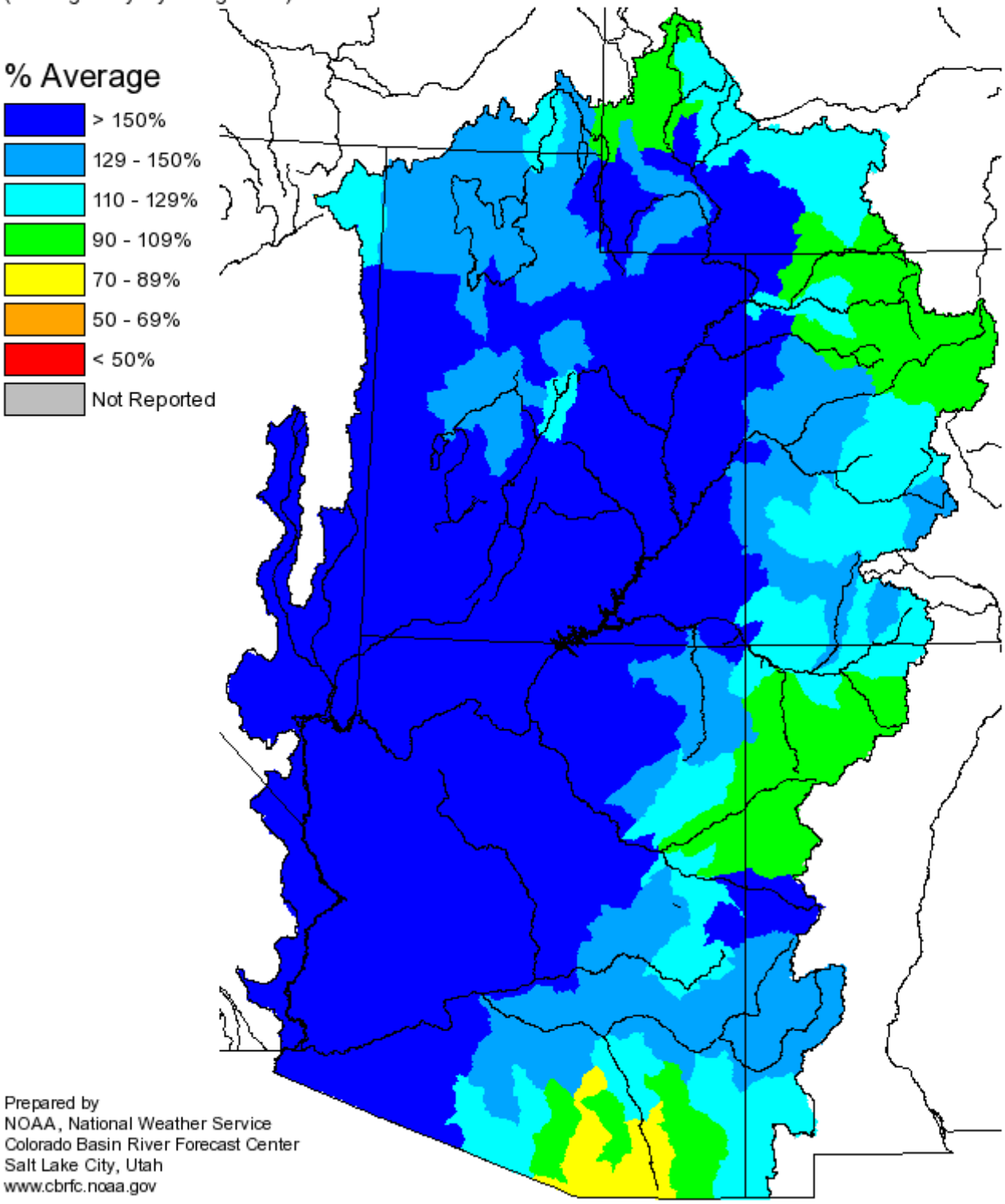
Monthly Precipitation for January 2005

(Averaged by Hydrologic Unit)



Seasonal Precipitation, October 2004 - January 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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