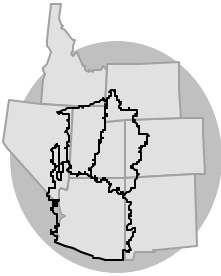


WATER SUPPLY OUTLOOK
for the
EASTERN GREAT BASIN
COLORADO BASIN
RIVER FORECAST CENTER
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT

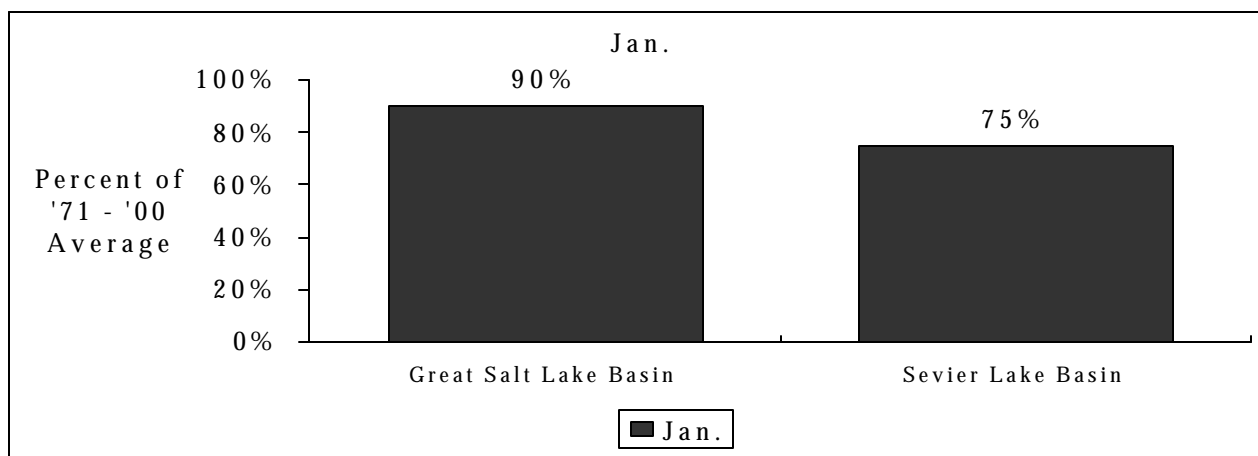


JANUARY 1, 2002

SUMMARY

Early season forecasts issued January 1 indicate below average to above average April-July runoff volumes are expected in the Great Salt Lake Basin and much below average to near average in the Sevier Basin. In the Great Salt Lake Basin runoff volumes are forecast to range from 75 to 115 percent with 65 to 90 percent forecast in the Sevier Lake Basin. January 1 snowpack ranges from mostly 70 to 140 percent of average in the Great Salt Lake Basin and 55 to 115 percent in the Sevier Lake Basin.

APRIL - JULY VOLUME FORECASTS

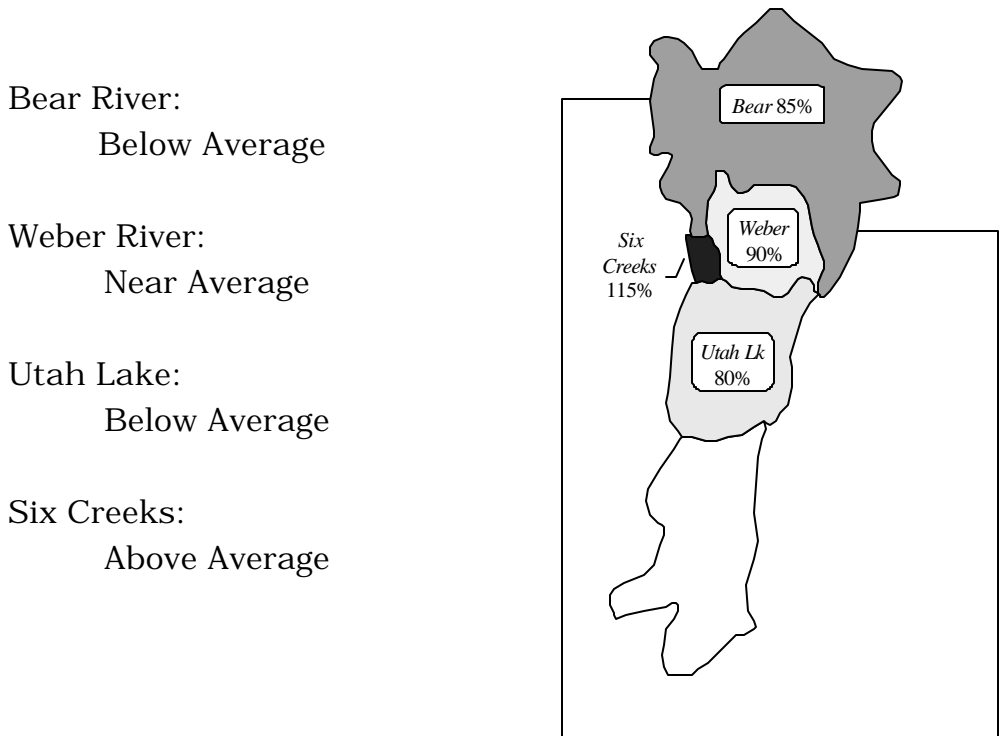


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GREAT SALT LAKE BASIN

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

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



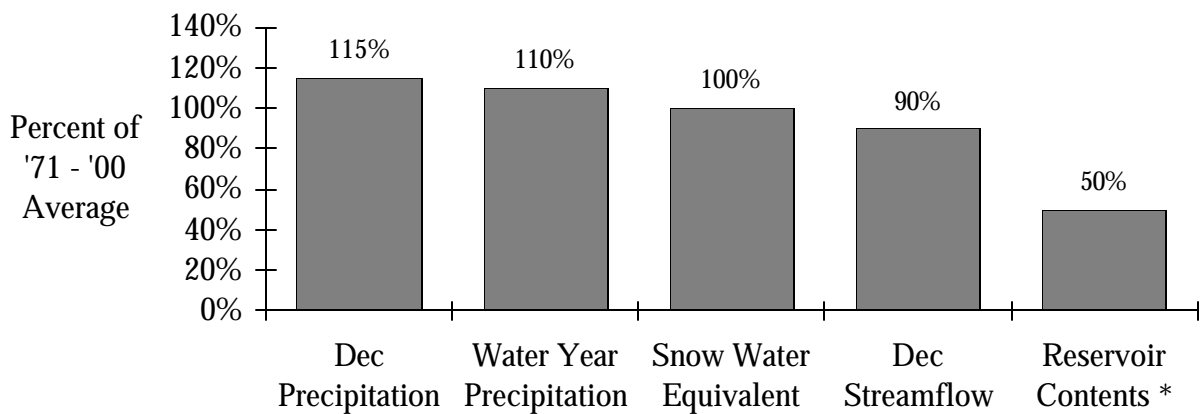
Bear River:
Below Average

Weber River:
Near Average

Utah Lake:
Below Average

Six Creeks:
Above Average

BASIN CONDITIONS - JANUARY 1, 2002



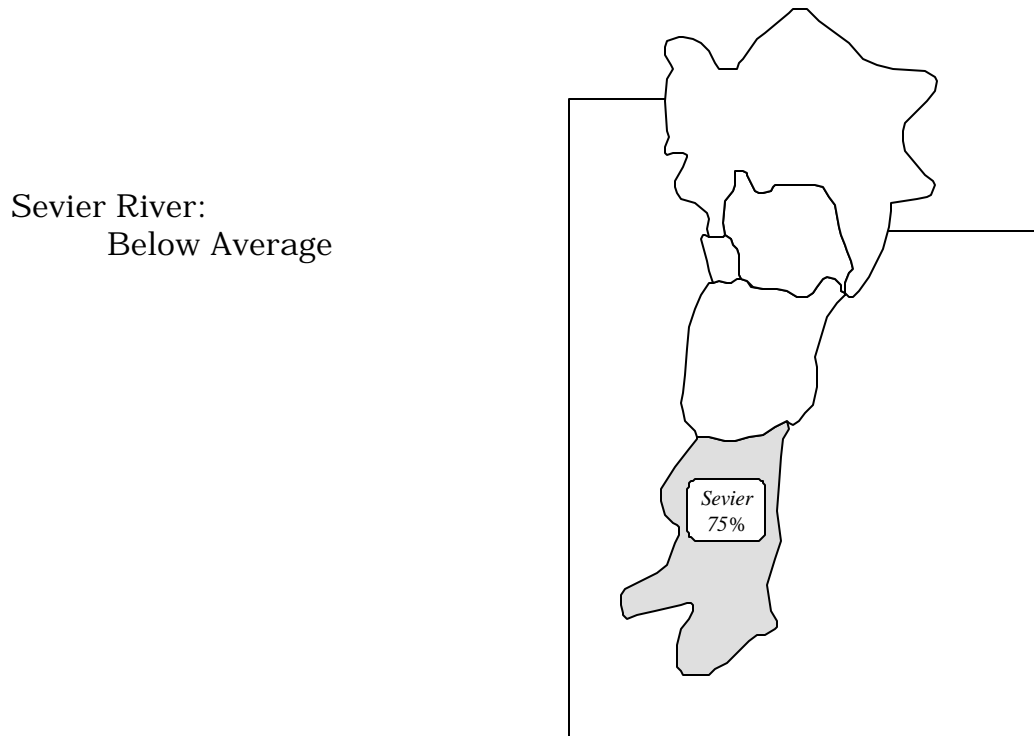
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 4.

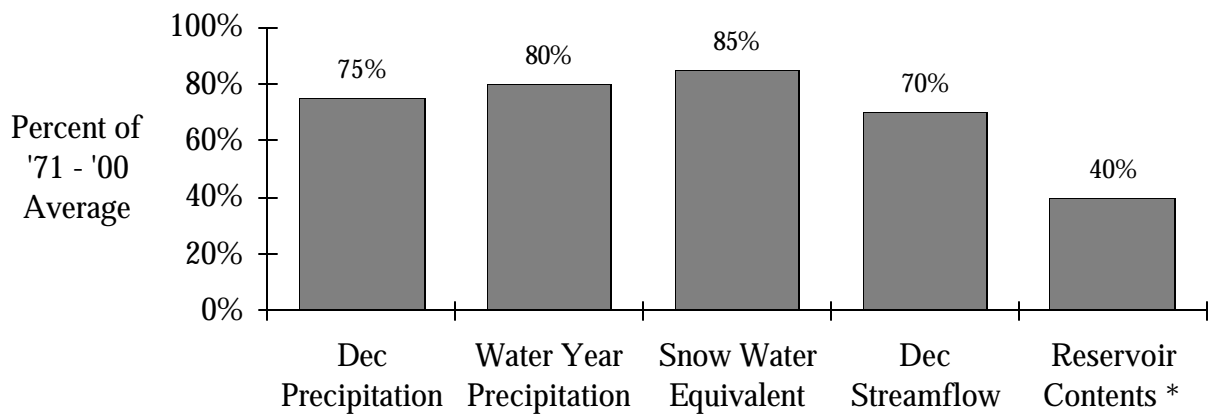
SEVIER LAKE BASIN

The January 1 water supply outlook is for much below to near average April-July runoff volumes in the Sevier Lake Basin.

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



BASIN CONDITIONS - JANUARY 1, 2002



* 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	97	85	141	69
	WOODRUFF NARROWS RES	125	83	250	63
	RANDOLPH, NR	97	84	199	19.4
	MONTPELIER, NR, STEWART DAM,	240	83	320	112
BIG CK	RANDOLPH, NR	3.2	84	9	0.1
SMITHS FORK	BORDER, NR	87	84	151	52
THOMAS FORK	* WYOMING-IDAHO STATE LINE, NR	BA			
MONTPELIER CK	* MONTPELIER, NR, IRRIGATORS WI	BA			
CUB	* PRESTON, NR	BA			
LOGAN	LOGAN, NR, STATE DAM, ABV	105	86	193	67
BLACKSMITH FORK	HYRUM, NR, UP&L DAM, ABV	47	89	76	28
SMITH AND MOREHOUSE CK	OAKLEY, NR	28	93	74	25
WEBER	OAKLEY, NR	113	92	150	77
	ROCKPORT RES, WANSHIP, NR	125	91	181	77
	COALVILLE, NR	125	92	179	75
	ECHO RES, ECHO, AT	160	88	245	87
	GATEWAY	315	89	395	250
CHALK CK	COALVILLE	40	89	69	13.1
LOST CK	LOST CK RES, CROYDON, NR	15	90	29	0.5
EAST CANYON CK	EAST CANYON RES, MORGAN, NR	27	87	42	13.6
SF OGDEN	HUNTSVILLE, NR	56	88	82	32
OGDEN	PINEVIEW RES, OGDEN, NR	117	88	182	59
WHEELER CK	HUNTSVILLE, NR	5.6	90	8.4	2.9
SPANISH FORK	CASTILLA, NR	63	82	129	8
PROVO	WOODLAND, NR	91	88	132	58
	HAILSTONE, NR	92	84	141	53
	DEER CK RES	120	78	200	59
AMERICAN FORK	AMERICAN FORK, NR, UP PWRPLN	24	75	43	9.2
JORDAN	UTAH LAKE, PROVO, NR	260	80	475	75
LITTLE COTTONWOOD CK	SALT LAKE CITY, NR	46	115	59	33
BIG COTTONWOOD CK	SALT LAKE CITY, NR	44	116	56	32
CITY CK	SALT LAKE CITY, NR	10	115	14.6	5.4
EMIGRATION CK	SALT LAKE CITY, NR	5.2	116	9	1.4
MILL CK	SALT LAKE CITY, NR	8.2	117	11.2	5.2
DELL FK	LITTLE DELL RES	7.9	116	12.9	2.9
PARLEYS CK	SALT LAKE CITY, NR	18.5	111	28	8.8
VERNON CK	VERNON, NR	1.2	93	2.5	0.5
S WILLOW CK	GRANTSVILLE, NR	3	94	5.5	0.5
SETTLEMENT CK	TOOELE, NR	2.2	96	13.3	0.7

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

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SEVIER	HATCH	44	80	88	15
	KINGSTON, NR	69	78	123	29
	PIUTE RES, MARYSVALE, NR	95	75	179	10.9
	VERMILLION DAM	130	76	220	38
	SIGURD, NR	140	75	260	38
	GUNNISON, NR, SAN PITCH, BLO	205	73	430	65
EF SEVIER	KINGSTON, NR	24	63	52	2.2
CLEAR CK	SEVIER, NR, DIV, ABV	17	77	30	4.1
SALINA CK	* SALINA	BA			
CHICKEN CK	LEVAN, NR	4.3	90	14	1
OAK CK	OAK CITY, NR, LITTLE CK, ABV	1.6	91	3.8	0.7
BEAVER	BEAVER, NR	17.7	66	26	12.7
	MINERSVILLE RES, MINERSVILLE,	11.6	69	42	7.8
COAL CK	CEDAR CITY, NR	13.4	69	26	5.1

* 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 average (greater than 130 percent of average)

AA - above average (111- 130 percent of average)

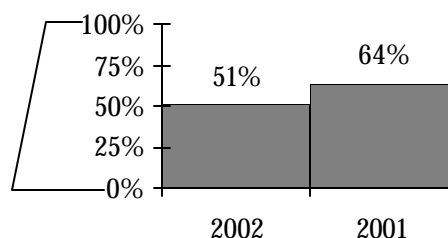
NA - near average (90-110 percent of average)

BA - below average (70-89 percent of average)

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

END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



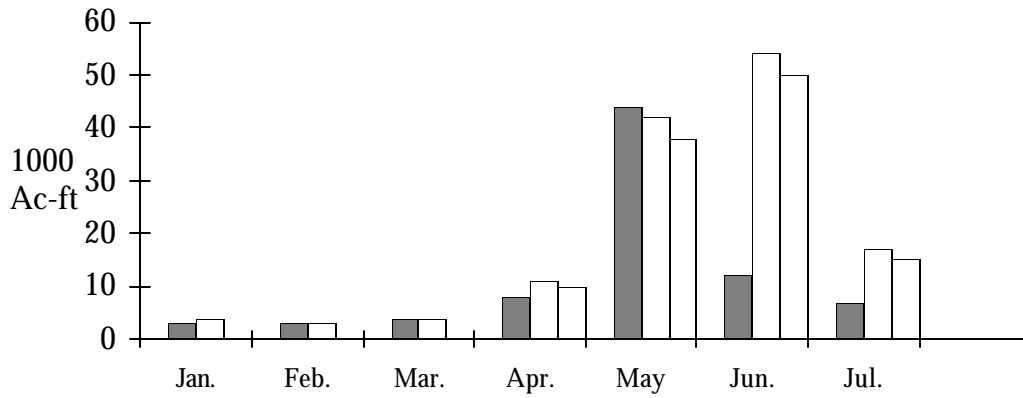
RESERVOIR (vol. in 1000 ac-ft)	Usable Capacity	EOM Usable Contents	Percent Usable Capacity (%)
Bear Lake	1421	574.3	40
Causey	7.1	2.5	36
Jordanelle	311	242.4	78
Deer Creek	149.7	92.4	62
East Canyon	49.5	24.6	50
Echo	73.9	31	42
Gunnison	20.3	0.3	1
Hyum	15.3	9.2	60
Lost Creek	22.5	6.8	30
Minersville	23.3	missing	missing
Otter Creek	52.5	31.2	59
Pine View	110.1	41	37
Piute	71.8	36.4	51
Rockport	60.9	18.9	31
Sevier bridge	236	93.1	39
* Utah Lake	870.9	564.4	65
Willard	215	missing	missing
Woodruff Narrows	55.8	missing	missing
TOTAL	3472.5	1768.5	51
Flaming Gorge	3749	2873.4	77
Lake Powell	24322	17996	74
Moon Lake	36	12.1	33
Red Fleet	25.7	missing	missing
Scofield	65.8	missing	missing
Starvation	165.3	139.8	85
Steinaker	34.4	missing	missing
Strawberry	1105.9	901.8	82
Upper Stillwater	32.5	19.4	60

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

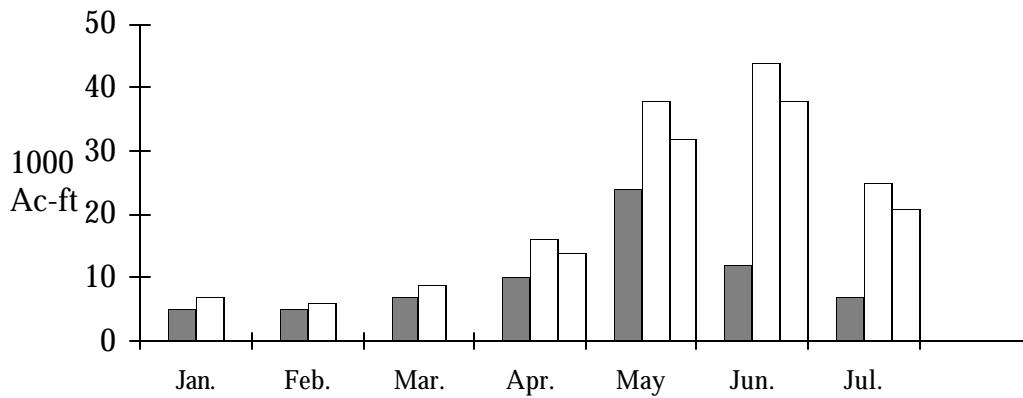
MONTHLY STREAMFLOWS



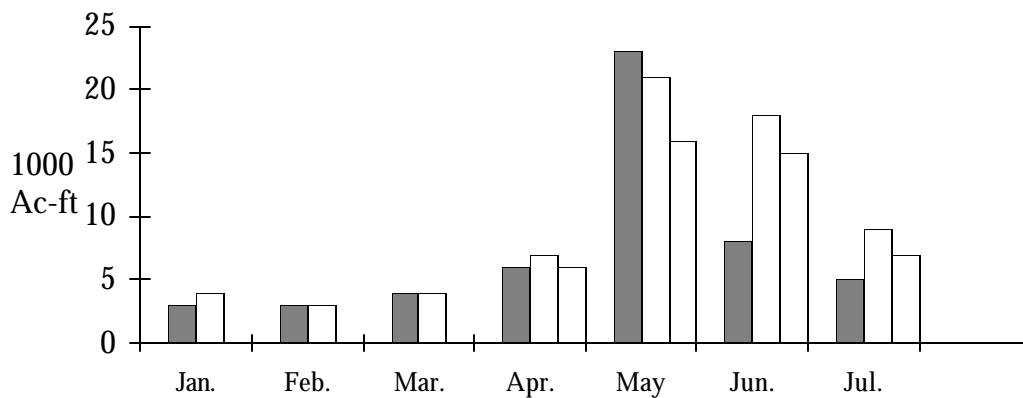
Weber Oakley, nr:



Logan - Logan, nr, State Dam, abv:



Sevier - Hatch:

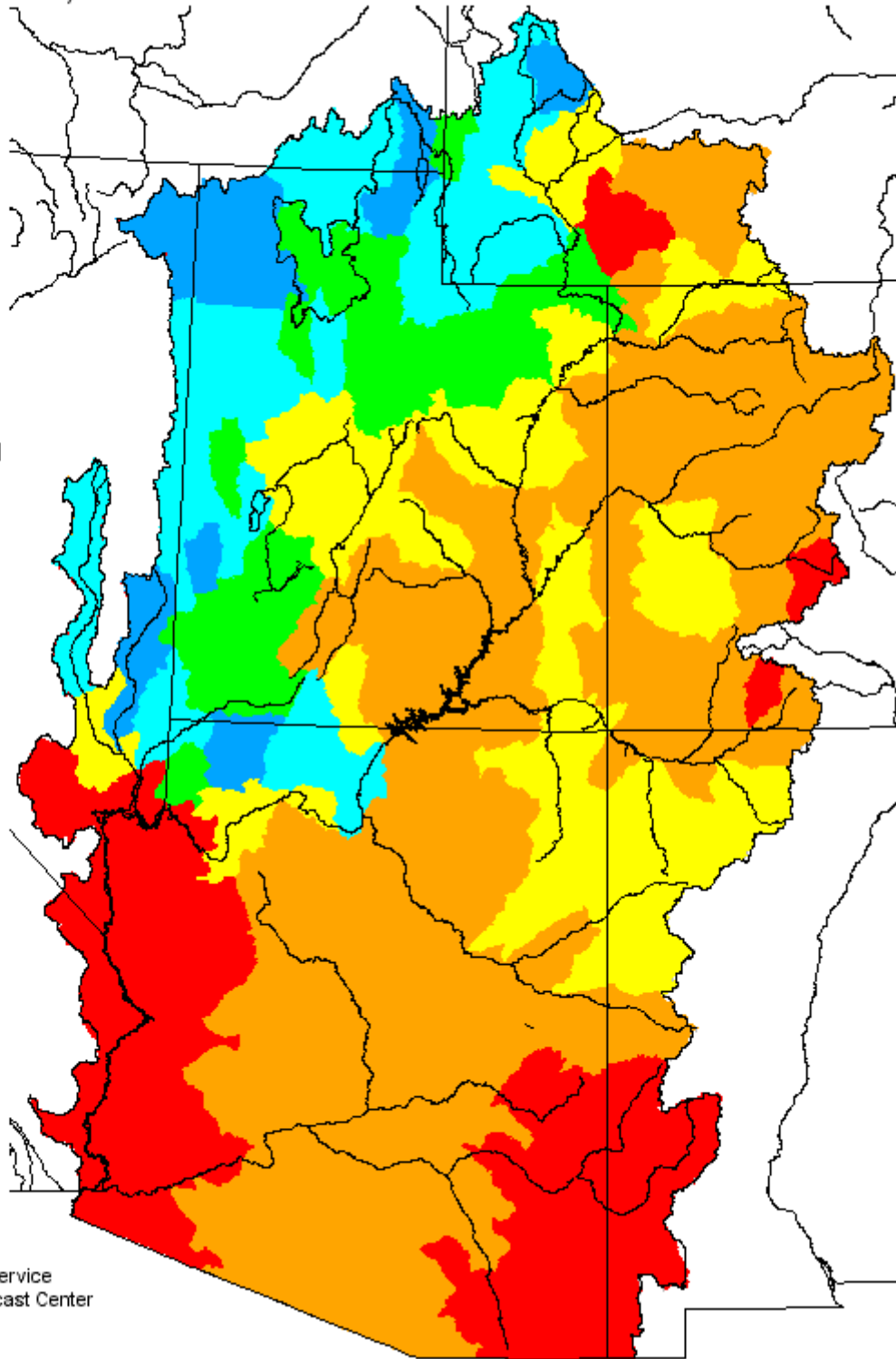
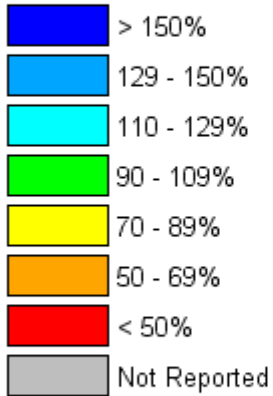


* observed data unavailable

Monthly Precipitation for December 2001

(Averaged by Hydrologic Unit)

% Average

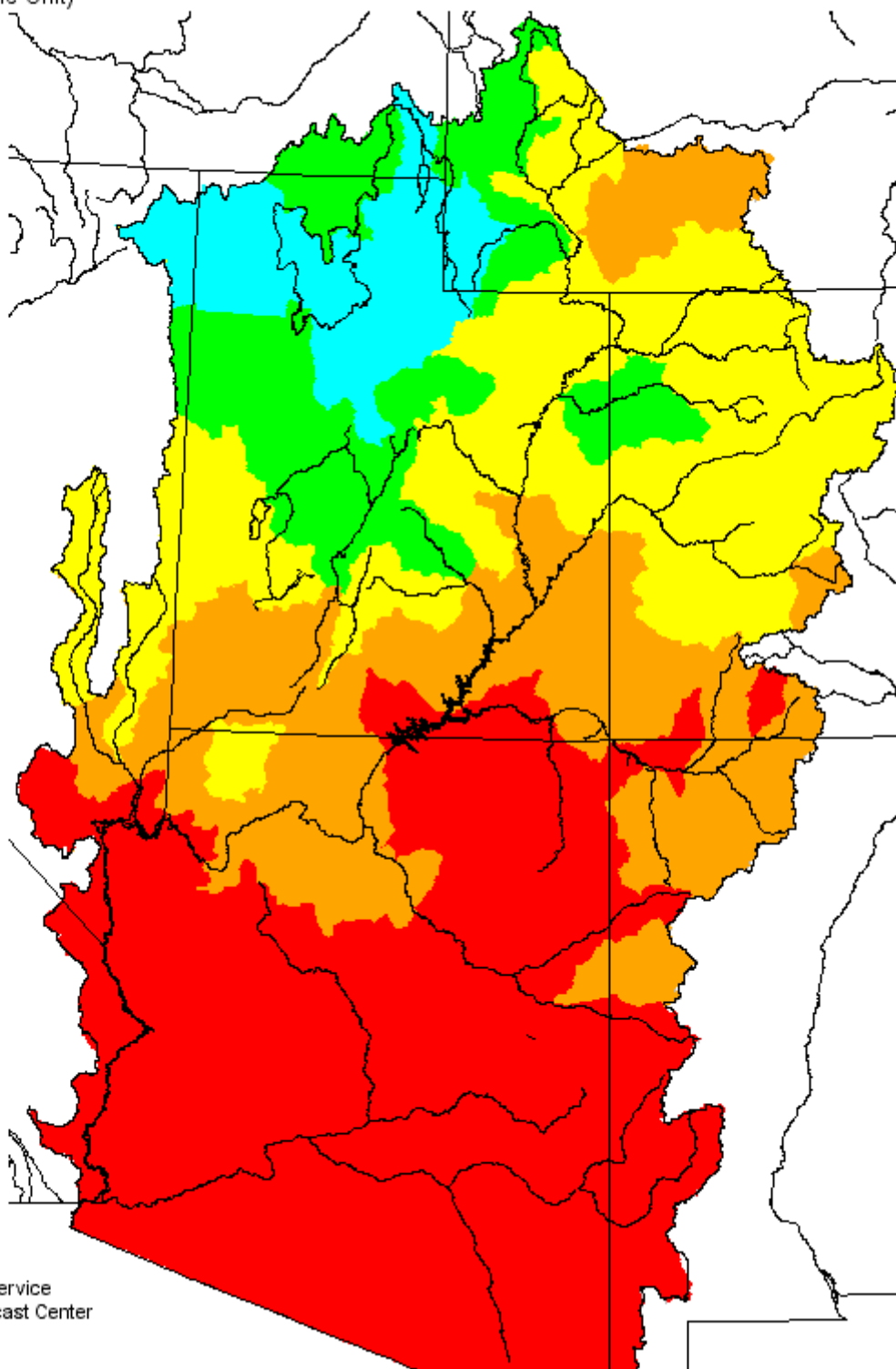
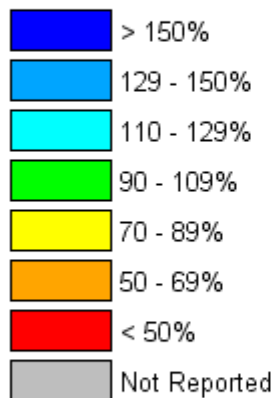


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2001 - December 2001

(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

2242 W. North Temple · Salt Lake City, UT 84116 · (801) 524-5130 · <http://www.cbrfc.gov>