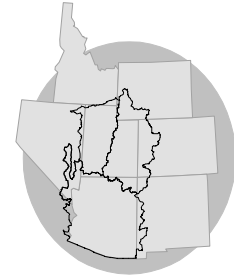


WATER SUPPLY OUTLOOK

for the LOWER COLORADO COLORADO BASIN RIVER FORECAST CENTER

NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT

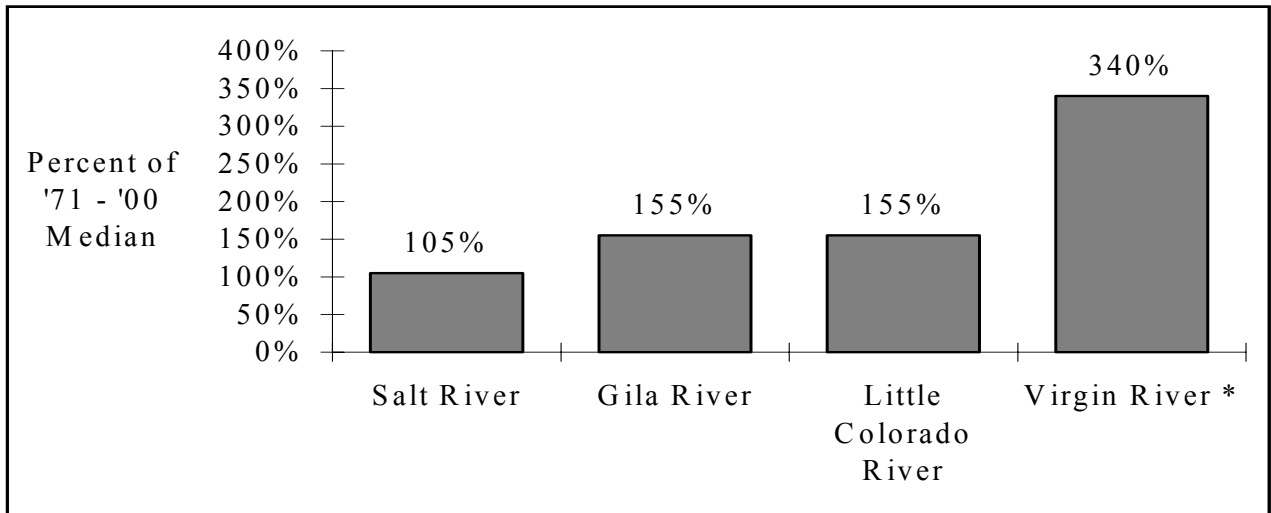


APRIL 1, 2005

SUMMARY

The 2005 Lower Colorado Water Supply Outlook has been wet through March. Above normal temperatures are expected during April, May, and June. However, above normal precipitation is expected to continue only for the upper Gila and upper Little Colorado River basins. The Salt River forecast has dropped to above median from much above median; and the Tonto River and Verde River forecasts have dropped from much above median to near median.

APRIL - MAY VOLUME FORECASTS

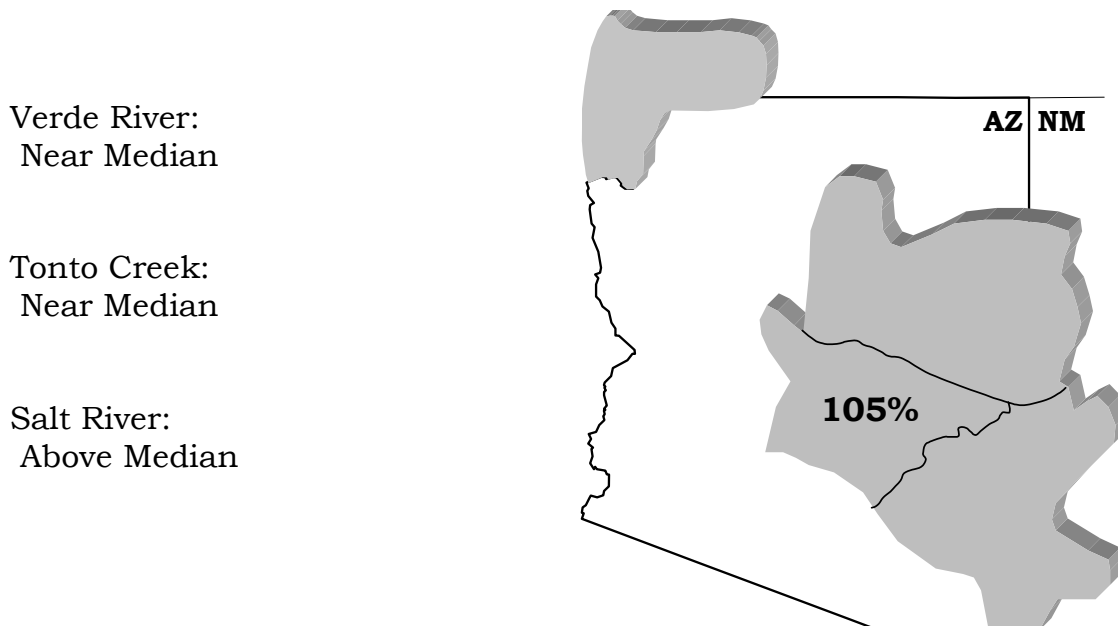


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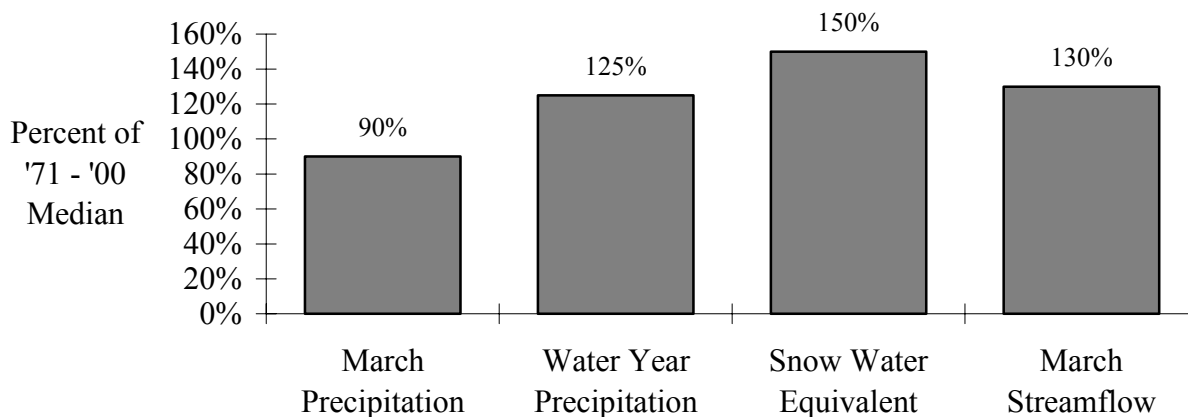
* Virgin River Basin forecasts are for the April through July period and expressed in percent of average.

SALT RIVER The 2005 Water Year started a wet year in Arizona but is now returning to normal in the Salt River drainage. Above normal temperatures are expected during April, May and June. The snow pack is almost gone in the Verde River basin and the river has peaked.

April-May stream flow forecasts for the Salt River are as follows:



BASIN CONDITIONS - APRIL 1, 2005



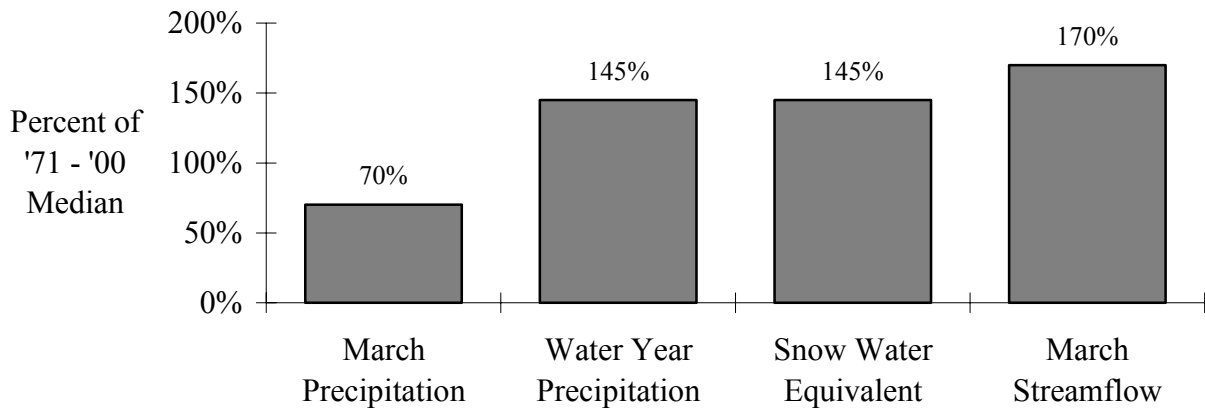
Specific site forecasts are listed on page 6.

GILA RIVER The 2005 Water Year continues to be wet in most of eastern Arizona and Southwest New Mexico. For the upper Gila River basin above normal temperature and above normal precipitation is expected during April, May, and June. Stream flows are high and are expected to continue being high through April then returning to near median in May.

April-May stream flow forecasts for the Gila River are as follows:



BASIN CONDITIONS - APRIL 1, 2005

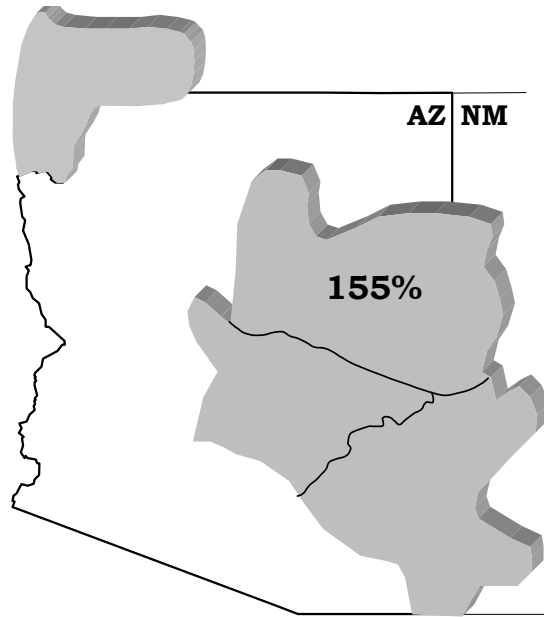


Specific site forecasts are listed on page 6.

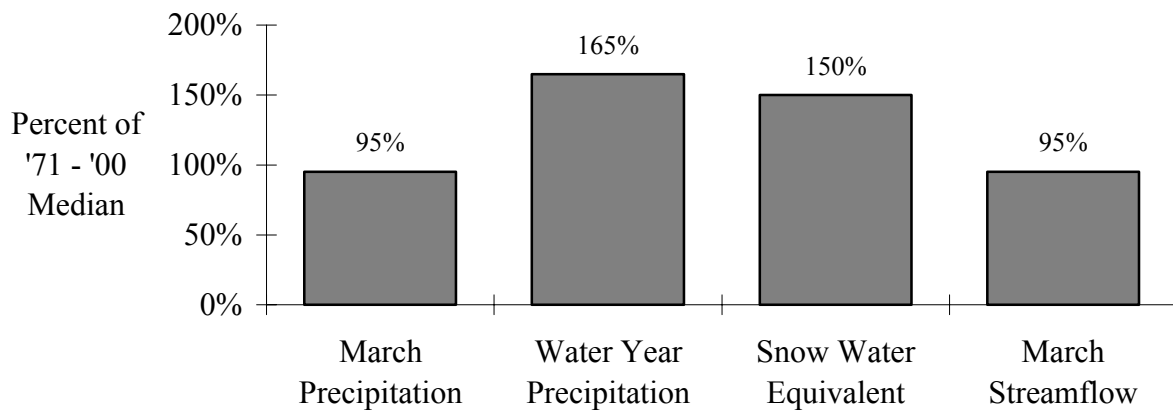
LITTLE COLORADO RIVER The 2005 Water Year continues to be wet with a pocket of dry persisting at the northeastern edge of this basin. For the southern basin above normal temperatures and precipitation are expected during April, May, and June. Stream flow forecasts range from much above median in the south to much below median in the north.

April-May stream flow forecasts for the Little Colorado River are as follows:

Little Colorado River:
Much Above Median



BASIN CONDITIONS - APRIL 1, 2005

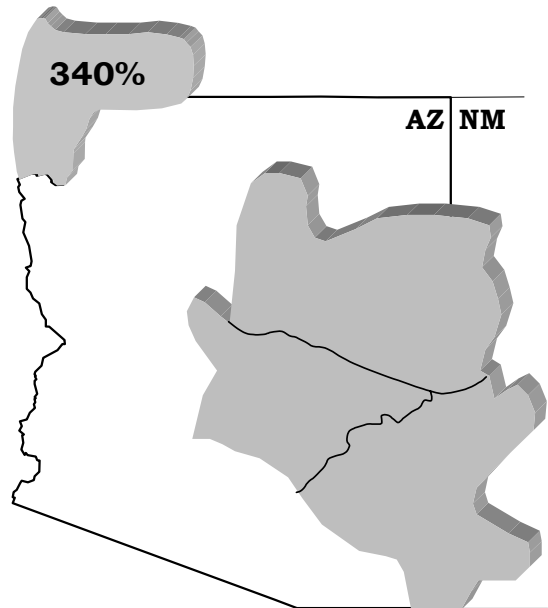


Specific site forecasts are listed on page 6.

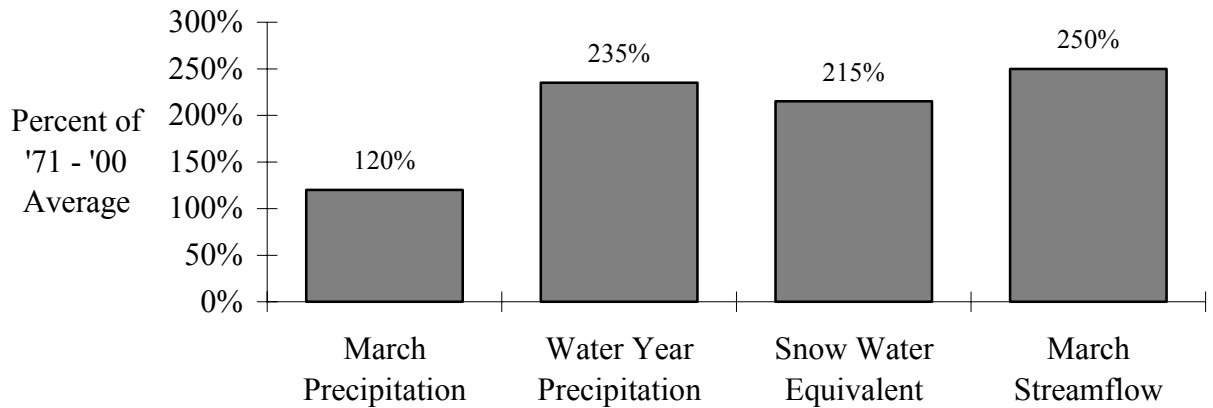
VIRGIN RIVER Snow is 215% of average for the Virgin River Basin on April 1st and the snow appears to be at or near peak for the season. Above normal temperatures are expected during April, May, and June. The 2005 April-July runoff season for the upper Virgin River basin is expected to be a record setting year.

April-July stream flow forecasts for the Virgin River are as follows:

Virgin River:
Much Above Average



BASIN CONDITIONS - APRIL 1, 2005



Specific site forecasts are listed on page 6.

SPECIFIC SITE FORECASTS—WATER YEAR 2005

April through May volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Med.	Reas. Max	Reas. Min
LITTLE COLORADO	◆ LYMAN LK, ABV, ST. JOHNS, NR	11	256	20	5.5
	WOODRUFF	2.2	262	3.9	1.08
RIO NUTRIA	RAMAH, NR	0.5	96	1.5	0.1
ZUNI	BLACK ROCK RES, ABV	0.44	69	1.7	0.01
CEBOLLA CK	RAMAH RES	0.2	69	1.2	0.08
EAST CLEAR CK	BLUE RIDGE RES, PINE, NR	6	122	10	3
CLEAR CK	WINSLOW, NR	24	120	41	12.2
CHEVELON CK	WINSLOW, NR, WILDCAT CYN, BLO	4.5	304	7.5	1.5
WALNUT CK	LAKE MARY	1.78	122	2.8	0.74
SANTA CLARA	✧ PINE VALLEY, NR	19	345	29	9
VIRGIN	✧ VIRGIN	195	305	260	150
	✧ HURRICANE, NR	230	333	305	170
	✧ LITTLEFIELD	260	351	355	180
GILA	GILA, NR	30	173	55	18
	VIRDEN, NR, BLUE CK, BLO	35	146	56	20
	SOLOMON, NR, HEAD OF SAFFORD V	50	119	86	25
	CALVA	35	135	60	9
	SAN CARLOS RES, COOLIDGE DAM,	35	227	60	9
SAN FRANCISCO	GLENWOOD, NR	14	179	26	6
	CLIFTON	27	146	47	14
SAN PEDRO	CHARLESTON	1.2	103	1.57	0.83
SALT	ROOSEVELT, NR	175	122	350	91
TONTO CK	ROOSEVELT, NR, GUN CK, ABV	8	95	13	4
VERDE	BLO TANGLE CK, ABV HORSEHOE DA	45	102	85	20
COLORADO	✧ LAKE POWELL, GLEN CYN DAM, AT	8500	107		

◆ = April-June forecast period.

✧ = April-July forecast period.

Special Notes:

Lake Powell, Virgin and Santa Clara River forecasts use a 30 year percent of average (1971-2000).

MARCH 2005 END OF MONTH RESERVOIR CONTENTS

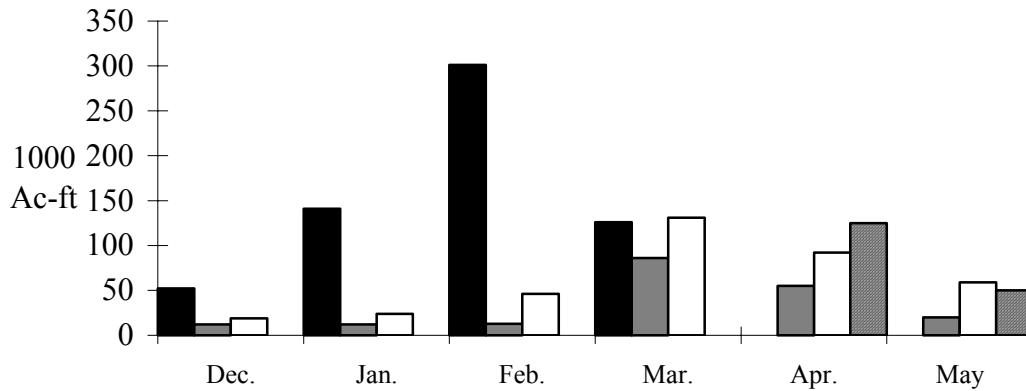
RESERVOIR (vol. in 1000 ac-ft)	Usable Capacity	EOM Usable Contents	Percent Usable Capacity (%)
Roosevelt	1653.0	1526.0	92%
Horse Mesa	245.0	241.0	98%
Mormon Flat	58.0	55.0	95%
Stewart Mountain	70.0	65.0	93%
Horseshoe	109.2	108.0	99%
Bartlett	178.0	177.0	99%
Total SRP Reservoirs	2313.2	2172.0	94%
San Carlos	867.0	438.0	51%
Waddell	1145.0	812.0	71%
Painted Rock	2476.0	221.0	9%
Alamo	1045.0	205.0	20%
Lyman	31.0	6.6	21%
Lake Powell	24322.0	8023.0	33%
Mead	27380.0	16221.0	59%
Mohave	1810.0	1691.0	93%
Havasu	619.0	551.0	89%

NA = Not Available.

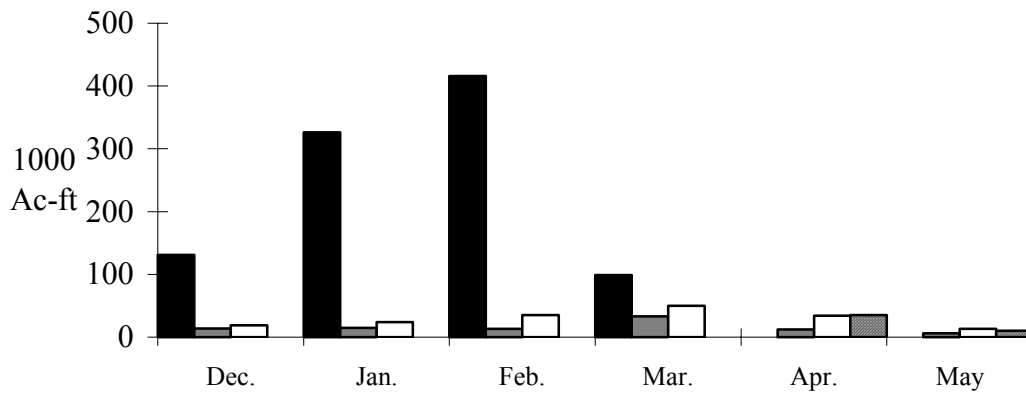
MONTHLY STREAMFLOWS



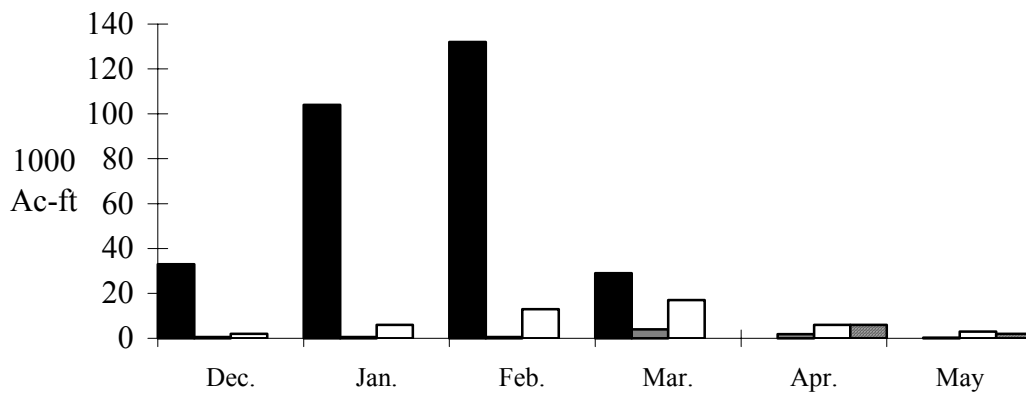
Salt - Roosevelt:



Verde - Horseshoe Dam, abv, Tangle Ck, blo:

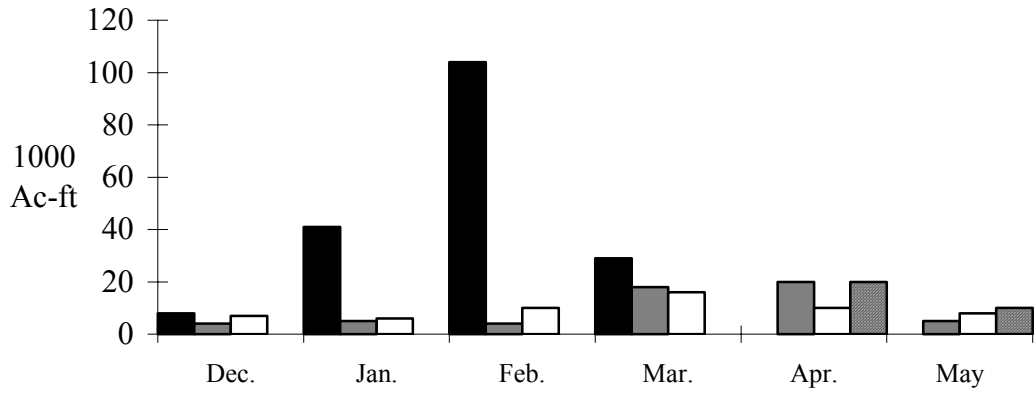


Tonto Ck - Roosevelt, nr, Gun Ck, abv:

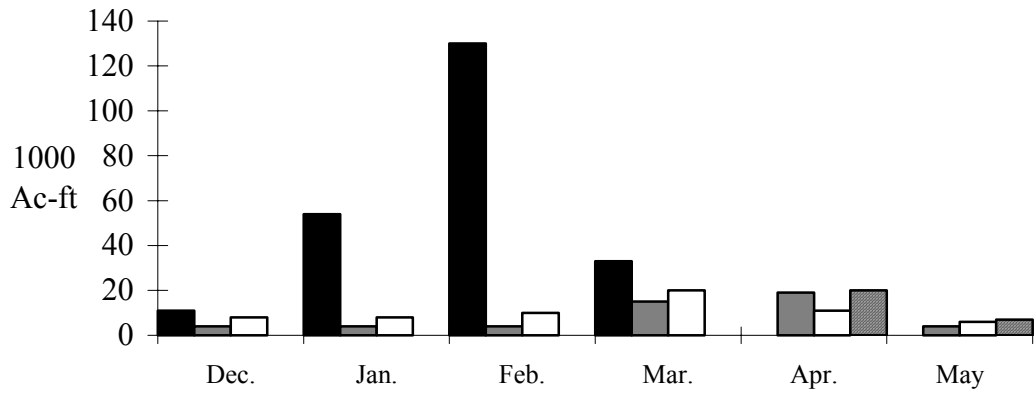




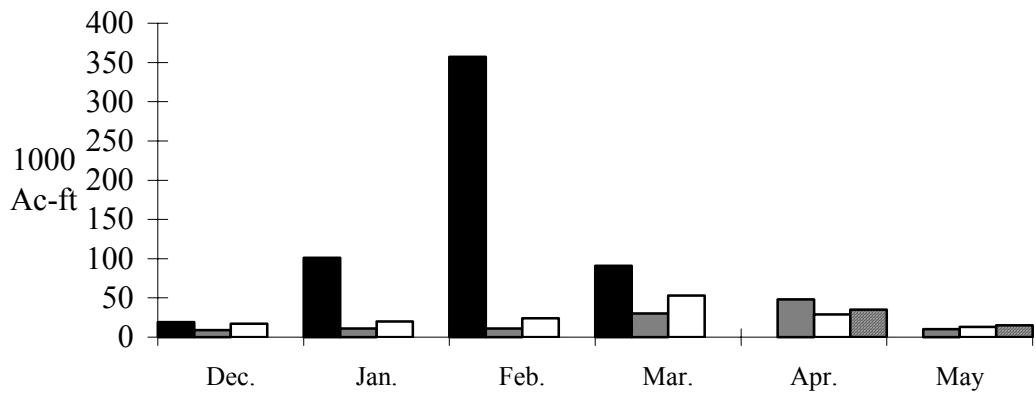
Gila - Gila, nr:



San Francisco - Clifton:



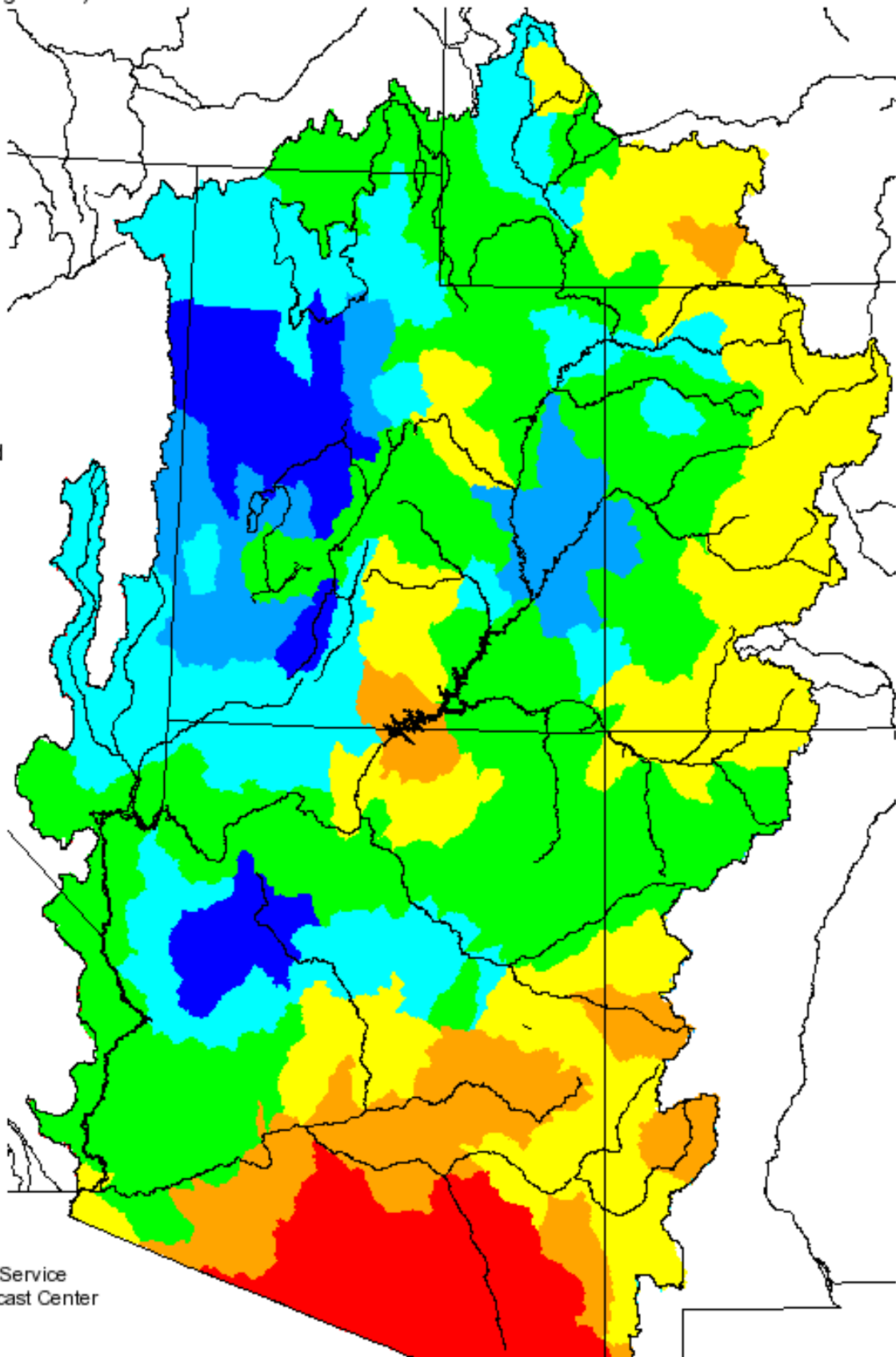
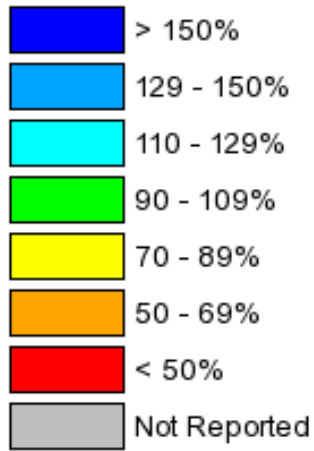
Gila - Solomon:



Monthly Precipitation for March 2005

(Averaged by Hydrologic Unit)

% Average

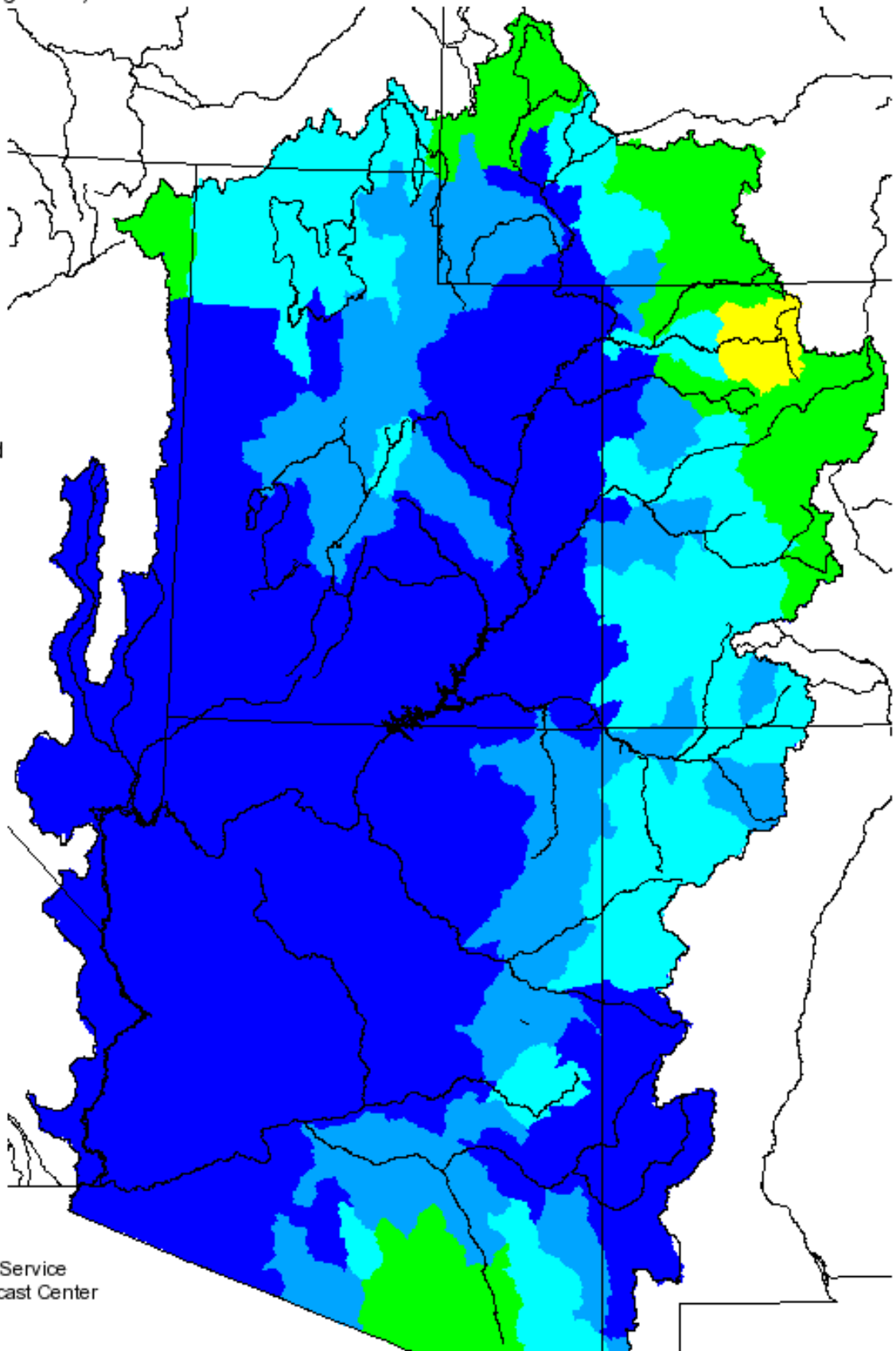
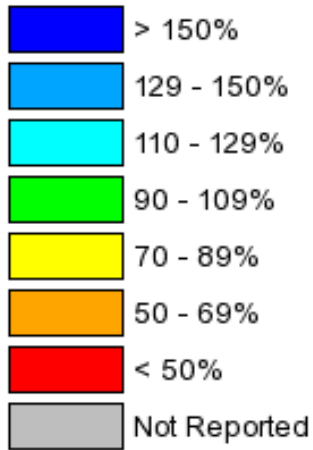


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

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 April 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, Salt River Project, 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 Median	Above Median	Near Median	Below Median	Much below Median
Greater than 130%	111-130%	90-110%	70-89%	Less than 70%

Forecast Period:

Variable. Current month through May 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>