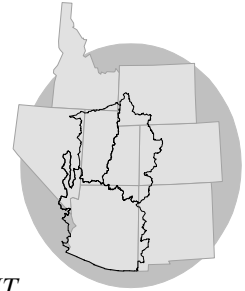


WATER SUPPLY OUTLOOK

for the
UPPER COLORADO

***COLORADO BASIN
RIVER FORECAST CENTER***

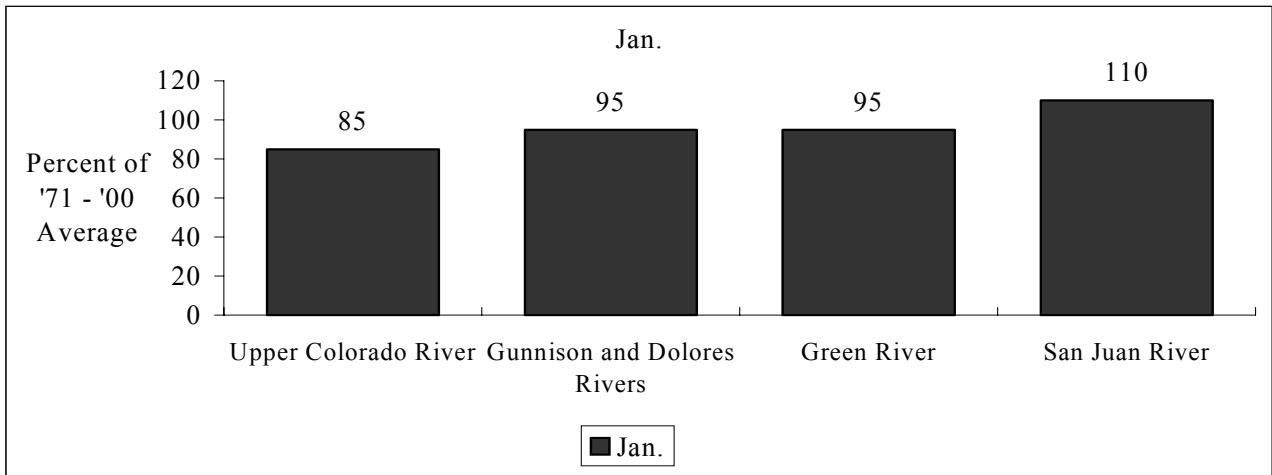
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT



JANUARY 1, 2004

October began the 2004 water year with much below average precipitation. November rebounded with near to above average precipitation and December varied from below average in the San Juan to above average in the Upper Green. Snowpack on January 1st was near average generally, but a bit above average over portions of the Green. A strong New Year's weekend storm increased the snowpack especially over the Gunnison and San Juan basins.

APRIL - JULY VOLUME FORECASTS

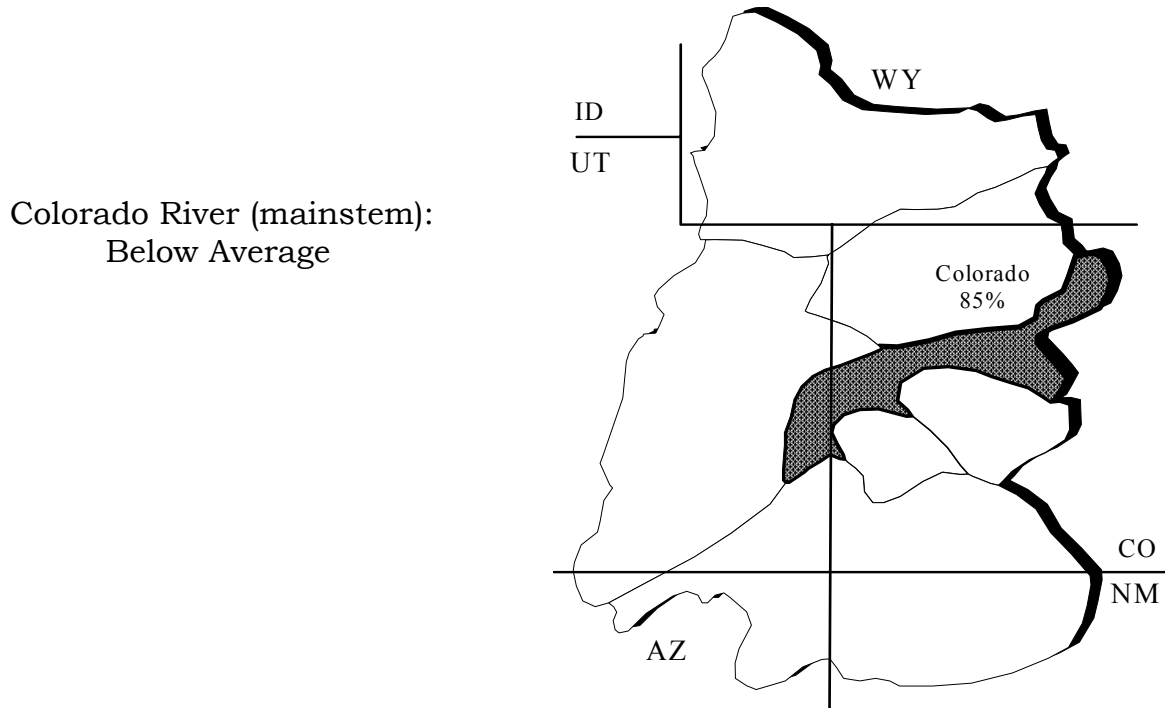


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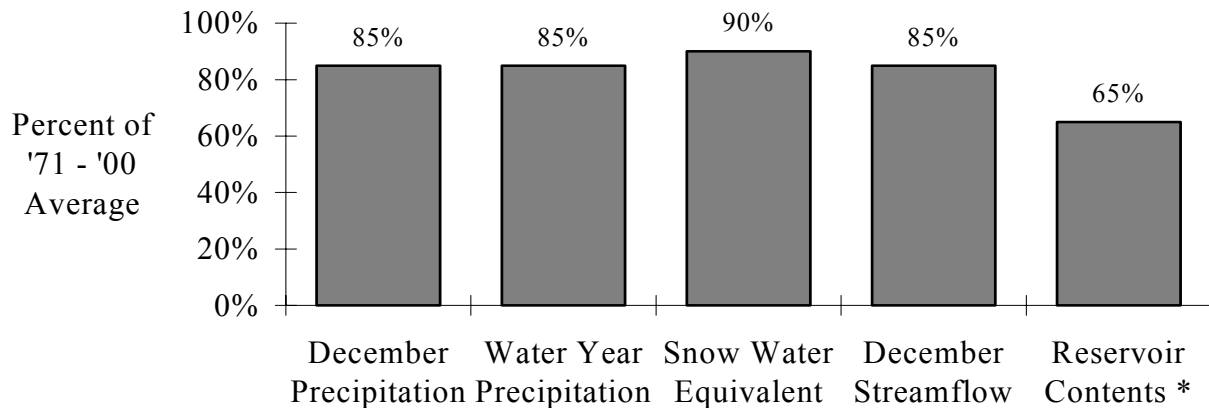
UPPER COLORADO MAINSTEM

Precipitation to start water year 2004 was much below normal in October, rebounded to much above normal in November but below normal again in December. Water year precipitation to date is below normal overall, with the snowpack overall near normal. Spring runoff for 2004 is forecast to vary from 78% to 104% of average.

April-July streamflow forecasts for the Upper Colorado Mainstem are as follows:



BASIN CONDITIONS - JANUARY 1, 2004



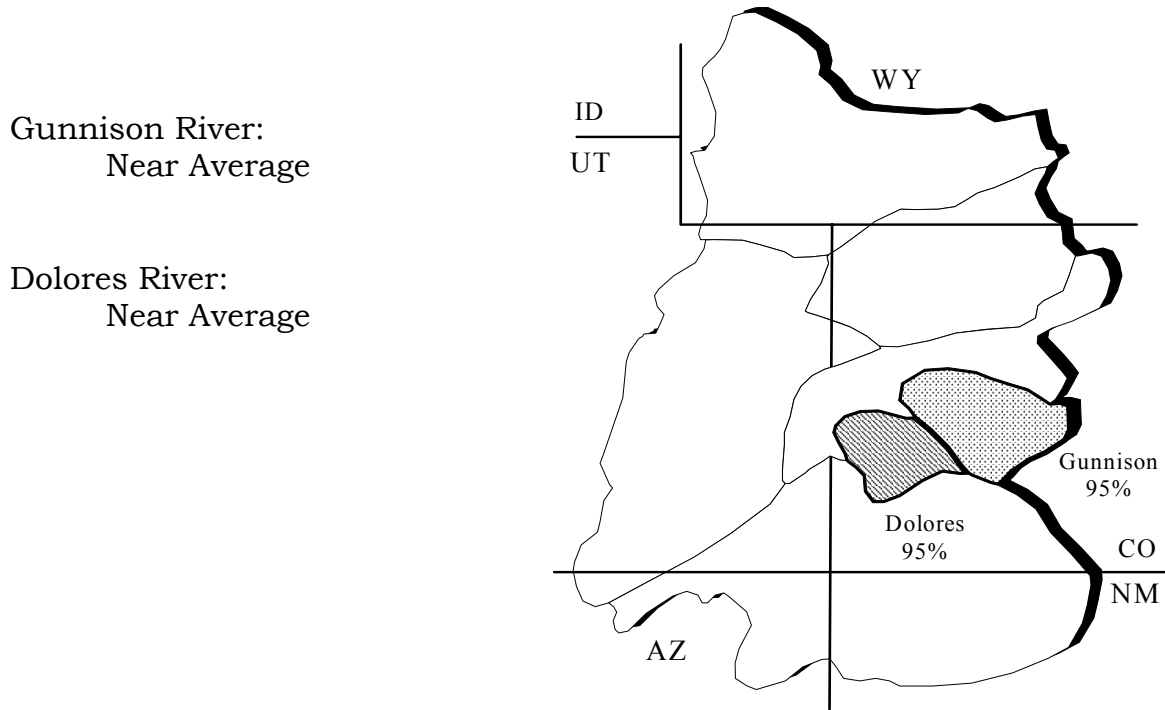
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 6.

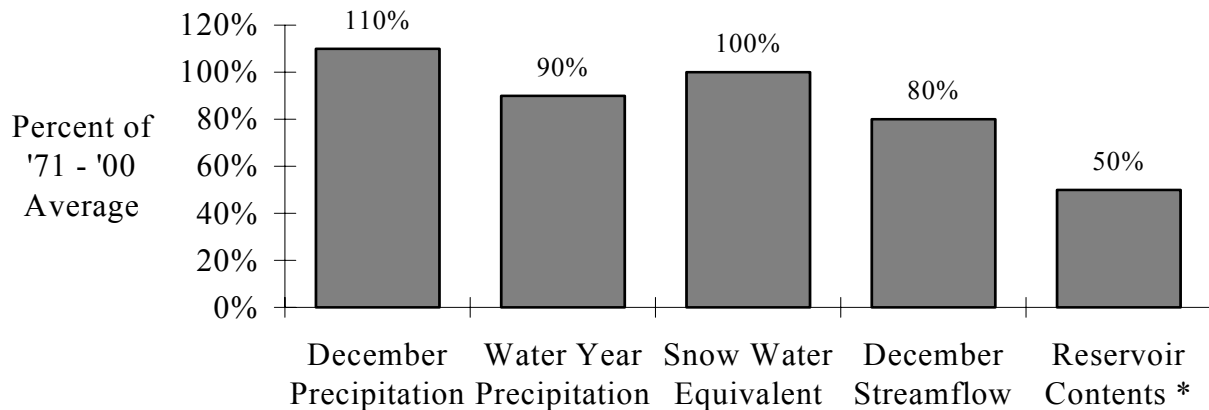
GUNNISON AND DOLORES RIVERS

The snow water equivalent on January 1st was near average in both the Gunnison and Dolores river basins. A storm the first few days of the month increased the snow to 125% in the Gunnison and to 120% in the Dolores as of January 5th. The April-July streamflow forecasts reflect this additional snow and range between 84% and 115% of average.

April-July streamflow forecasts for the Gunnison and Dolores Rivers are as follows:



BASIN CONDITIONS - JANUARY 1, 2004



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 7.

GREEN RIVER

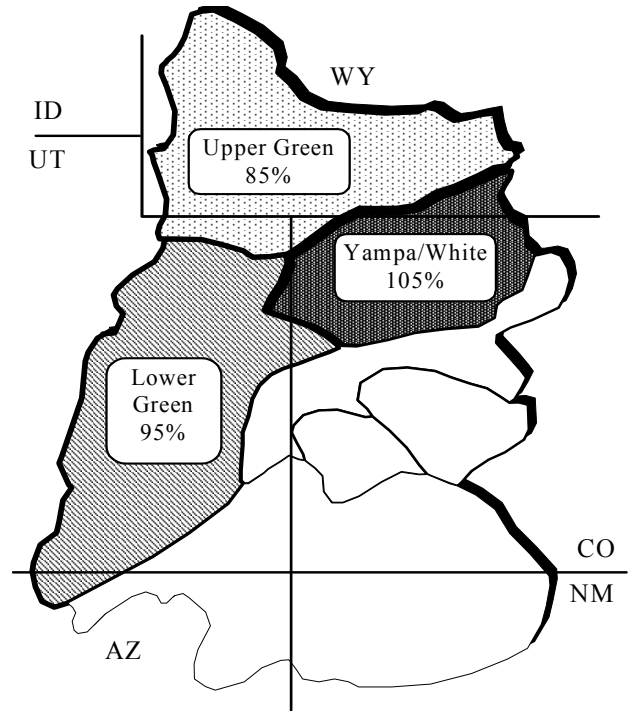
Seasonal precipitation and snowpack are generally above average throughout the Green river Basin as of early January. A few pockets where snowpack exceeds 150% of average exist in the Duchesne and Little Snake River basins. At this time, April-July runoff volumes are expected to range between 80% and 100% of average at most locations.

April-July streamflow forecasts for the Green River are as follows:

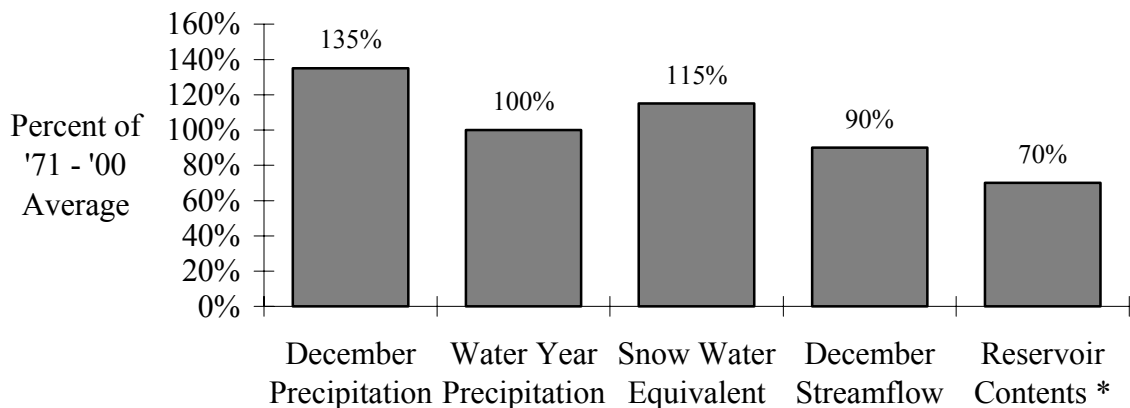
Upper Green River:
Below Average

Yampa/White Rivers:
Near Average

Lower Green River
(below Flaming Gorge):
Near Average



BASIN CONDITIONS - JANUARY 1, 2004



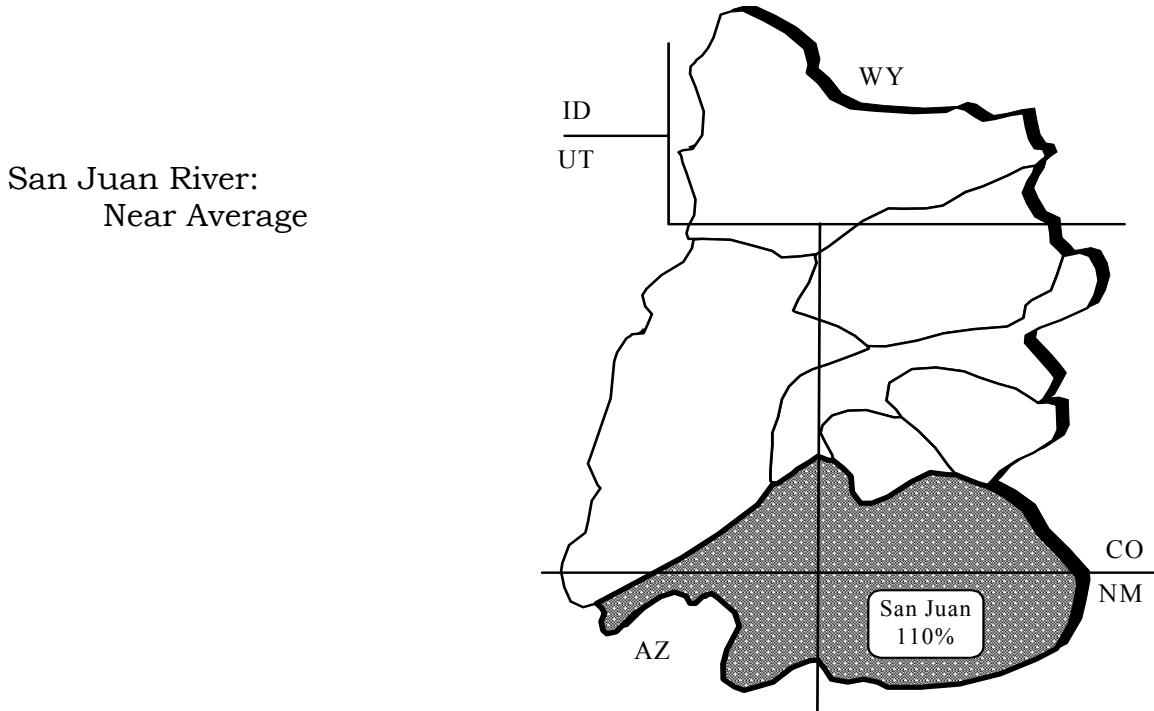
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 8.

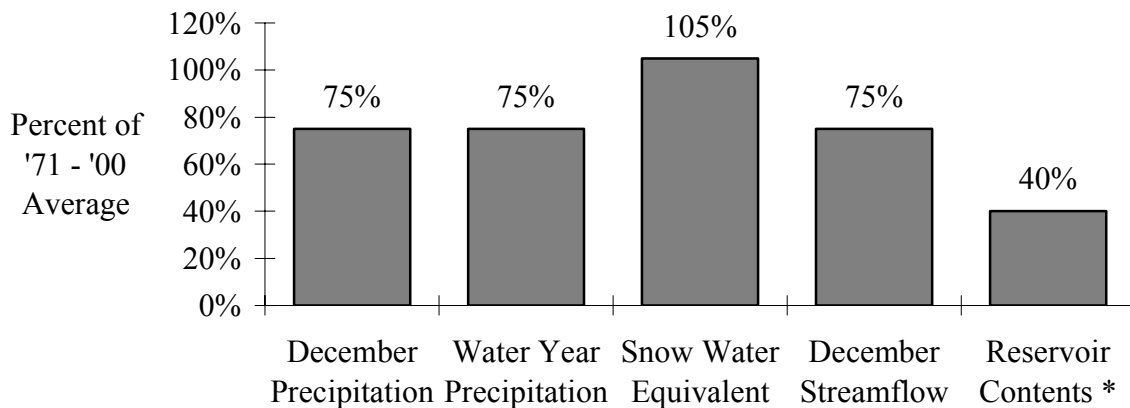
SAN JUAN RIVER

Water Year 2004 has begun with below average seasonal precipitation and above average snow. Streamflow remains below average at 76%. Before the New Year's storm above Navajo the snowpack was 120% of average with the Animas at 97% of average. By January 5th the snowpack had increased to 137% and 117% respectively. This increase in snowpack was factored into the forecasts. April-July runoff forecasts are expected to range from 90% to 115% of average.

April-July streamflow forecasts for the San Juan Basin are as follows:



BASIN CONDITIONS - JANUARY 1, 2004



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 10.

SPECIFIC SITE FORECASTS

Upper Colorado Mainstem: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
COLORADO	LAKE GRANBY, GRANBY, NR	185	82	270	127
	DOTSERO, NR	1150	80	1790	515
	GLENWOOD SPRINGS, BLO	1800	83	2440	1160
	CAMEO, NR	2000	83	3000	1000
	CISCO, NR	4000	86	5830	2170
WILLOW CK	WILLOW CK RES, GRANBY, NR	41	80	65	23
FRASER	WINTER PARK	16	80	21	10.5
WILLIAMS FORK	WILLIAMS FORK RES, PARSHALL, N	84	88	115	58
MUDDY CK	WOLFORD MTN RES, BLO	60	100	102	35
BLUE	DILLON RES	130	78	205	58
	GREEN MTN RES	230	82	290	176
EAGLE	GYPSUM, BLO	275	82	425	179
FRYING PAN	RUEDI RES, BASALT, NR	120	85	177	81
ROARING FORK	GLENWOOD SPRINGS	650	92	905	440
PLATEAU CK	CAMEO, NR	120	104	215	23
MILL CK	MOAB, NR, SHELEY TUN, AT	6	120	9.8	2.2

SPECIFIC SITE FORECASTS

Gunnison and Dolores Basins: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
TAYLOR	TAYLOR PARK RES	100	97	142	58
	ALMONT	155	94	225	85
EAST	ALMONT	195	102	275	115
GUNNISON	GUNNISON, NR	385	99	550	220
TOMICHI CK	GUNNISON	68	84	137	23
LAKE FORK	GATEVIEW	120	95	165	75
GUNNISON	MORROW POINT RES	745	95	1140	360
	CRYSTAL RES	840	92	1330	380
MUDDY CK	● PAONIA RES, BARDINE, NR	115	115	196	55
NF GUNNISON	SOMERSET, NR	330	108	490	200
SURFACE CK	CEDAREEDGE	18	105	32	10.2
UNCOMPAHGRE	RIDGWAY RES	107	105	154	74
	COLONA	140	101	195	94
	DELTA	115	98	180	50
GUNNISON	GRAND JUNCTION, NR	1460	94	2150	765
DOLORES	DOLORES	260	98	360	161
	MCPHEE RES	315	98	430	200
	CISCO, NR	500	90	750	150
SAN MIGUEL	PLACERVILLE, NR	135	102	182	88

● = March - June forecast period.

Green River Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
GREEN	DANIEL, NR, WARREN BRIDGE, AT	245	92	330	162
	GREEN RIVER, WY, NR	700	80	1010	390
	GREEN RIVER, UT	2800	88	4110	1490
PINE CK	FREMONT LK, ABV	95	91	120	70
NEW FORK	BIG PINEY, NR	350	89	495	205
BIG SANDY	FARSON, NR	52	90	74	30
BLACKS FORK	ROBERTSON, NR	83	87	114	52
EF SMITHS FORK	ROBERTSON, NR	26	84	35	19.2
HAMS FORK	FRONTIER, NR, POLE CK, BLO	55	85	83	33
	VIVA NAUGHTON RES	68	76	111	25
YAMPA	STAGECOACH RSVR, ABV	29	100	43	15.1
	STEAMBOAT SPRINGS	250	89	345	157
	MAYBELL, NR	900	91	1300	505
ELK	MILNER, NR	330	102	495	198
ELKHEAD CK	ELKHEAD, NR	41	105	72	23
	MAYNARD GULCH, BLO	64	108	88	40
FORTIFICATION CK	● FORTIFICATION, NR	8.6	115	13	4.2
LITTLE SNAKE	SLATER, NR	172	108	265	98
	DIXON, NR	365	111	480	250
	LILY, NR	400	110	520	280

● = March - June forecast period.

Green River Basin continued: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
BIG BRUSH CK	VERNAL, NR, RED FLEET RES, ABV	22	105	30	14.4
ASHLEY CK	VERNAL, NR	55	106	78	32
WF DUCHESNE	HANNA, NR	23	96	37	12.3
ROCK CK	UPPER STILLWATER RES	74	90	105	43
	MOUNTAIN HOME, NR	77	87	105	49
DUCHESNE	TABIONA, NR	96	91	127	65
	DUCHESNE, NR, KNIGHT DIV, ABV	158	84	230	88
	MYTON	215	81	345	87
	RANDLETT, NR	270	83	520	20
STRAWBERRY	SOLDIER SPRINGS, NR	64	108	115	28
	DUCHESNE, NR	124	102	195	53
CURRENT CK	CURRENT CK RES	27	108	36	17.8
LAKE FORK	MOON LAKE RES, MTN HOME, NR	61	90	83	39
YELLOWSTONE	ALTONAH, NR	58	94	84	32
WHITEROCKS	WHITEROCKS, NR	58	104	87	29
WHITE	MEEKER, NR	250	86	412	152
	WATSON, NR	260	85	430	119
GOOSEBERRY CK	SCOFIELD, NR	11.8	99	17.5	6.1
PRICE	SCOFIELD RES, SCOFIELD, NR	46	100	63	29
WHITE	BLO TABBYUNE CK, SOLDIER SUMMI	18.3	105	32	8.3
HUNTINGTON CK	ELECTRIC LAKE	14.4	92	27	6.5
	HUNTINGTON, NR	47	94	69	52
SEELEY CK	JOES VLY RES, ORANGEVILLE, NR	56	97	83	29
FERRON CK	FERRON, NR	38	97	58	23
SEVEN MILE CK	FISH LAKE, NR	8	114	11.9	4.1
MUDDY CK	EMERY, NR	21	106	32	10

San Juan River Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SAN JUAN	PAGOSA SPRINGS	250	111	350	131
	CARRACAS, NR	450	111	640	295
	FARMINGTON	1360	112	1850	535
	BLUFF, NR	1400	114	1930	870
RIO BLANCO	PAGOSA SPRINGS, NR, BLANCO DAM	60	113	83	37
NAVAJO	CHROMO, NR, OSO DIV DAM, BLO	75	109	109	41
PIEDRA	ARBOLES, NR	260	113	365	154
LOS PINOS	VALLECITO RES, BAYFIELD, NR	225	110	320	131
ANIMAS	DURANGO	460	105	665	255
FLORIDA	LEMON RES, DURANGO, NR	60	103	88	32
LA PLATA	HESPERUS	25	100	37	12.6
MANCOS	MANCOS, NR	40	100	68	12.1
SOUTH CK	◆ LLOYD'S RSVR NR MONTICELLO, AB	1.5	115	3.6	0.3
RECAPTURE CK	◆ BLANDING, NR, JOHNSON CK, BLO	5.5	90	11.6	1.52

◆ = March - July forecast period.

FLOOD CONTROL FORECASTS

MOST PROBABLE FORECASTS
2004 APRIL - JULY INFLOW VOLUMES
 (% OF '71 - '00 AVERAGE)

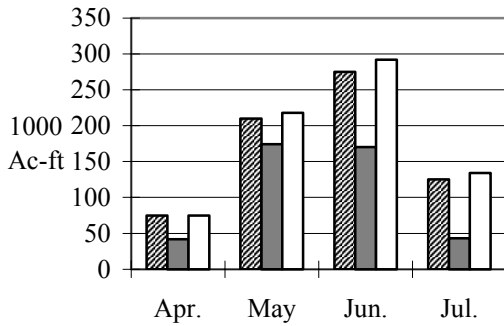


NOTE: Colorado River flood control forecasts account for a smaller set of upstream adjustments than water supply forecast points.

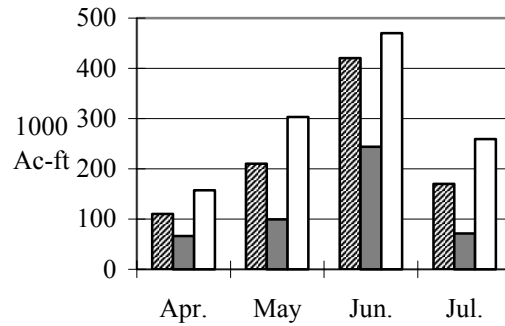
RESERVOIR MONTHLY INFLOW FORECASTS



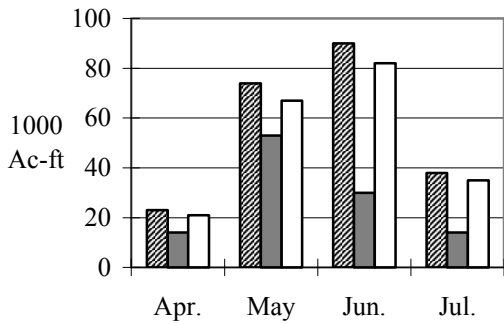
Blue Mesa Reservoir Inflow



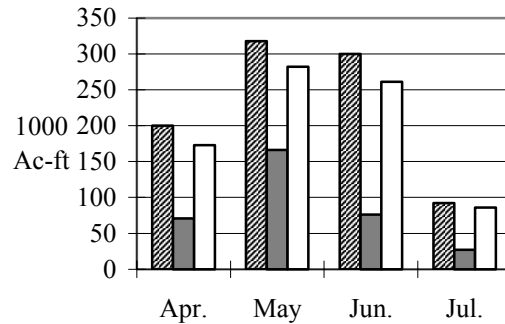
Flaming Gorge Reservoir Inflow



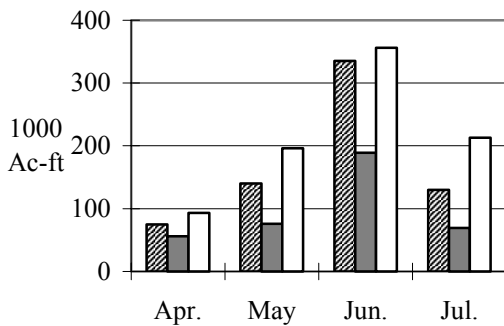
Vallecito Reservoir Inflow



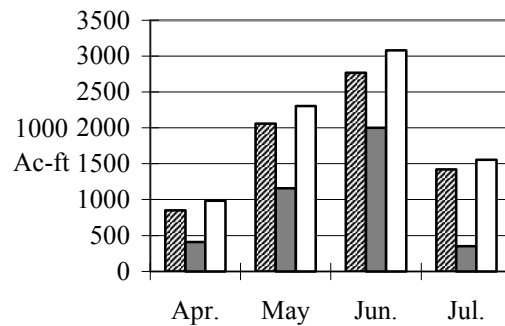
Navajo Reservoir Inflow



Fontenelle Reservoir Inflow

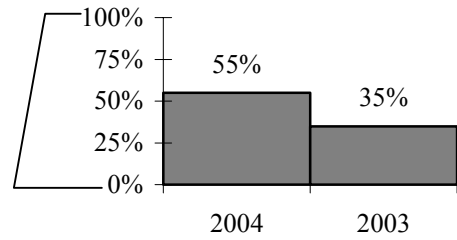
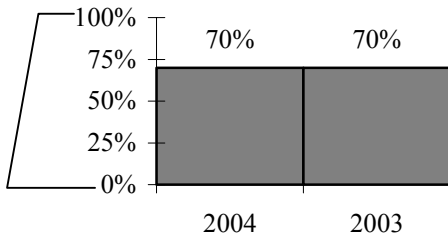


Lake Powell Inflow

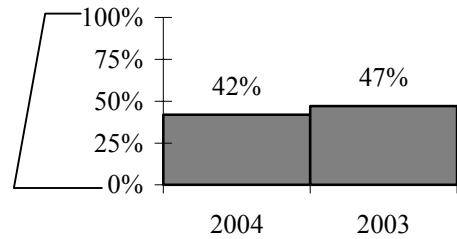
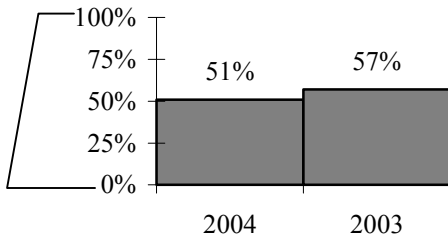


END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



Green
 Combined
 Upper Colorado, Gunnison, and Dolores
 San Juan



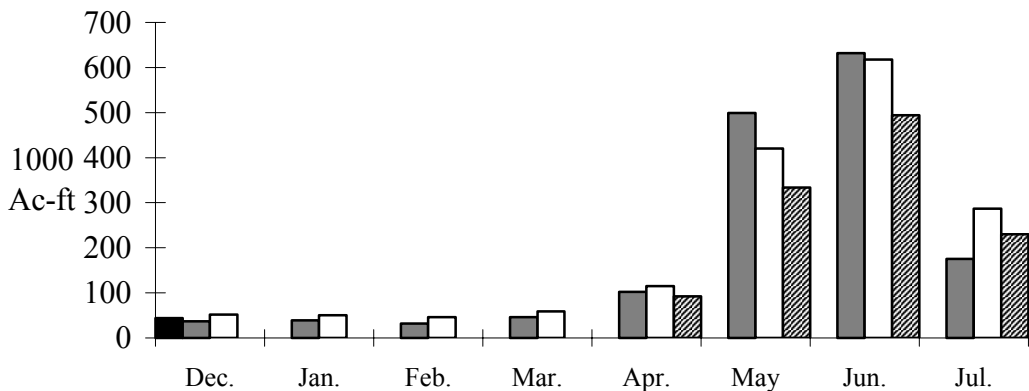
RESERVOIR (vol. in 1000 ac-ft)	Reservoir status	Usable Capacity	EOM Usable Contents	Percent Usable Capacity
Fontenelle	1,4	344.8	198.7	58
Flaming Gorge	1,4	3749	2605.4	69
Strawberry	1,4	1105.9	778.9	70
Starvation	1,4	165.3	123.1	74
Lake Granby	2,4	490.3	274.8	56
Dillon	2,4	254	223.6	88
Green Mountain	2,4	146.9	71.9	49
Taylor Park	2,4	106.2	71.2	67
Blue Mesa	2,4	829.5	376.6	45
Ridgway	2,4	83.2	69.9	84
McPhee	2,4	381.1	171.8	45
Vallecito	3,4	125.4	48	38
Navajo	3,4	1696	712.2	42
Lake Powell	4	24322	11486.8	47

- 1 = Green River reservoir status
- 2 = Upper Colorado River reservoir status
- 3 = San Juan River reservoir status
- 4 = Combined reservoir status

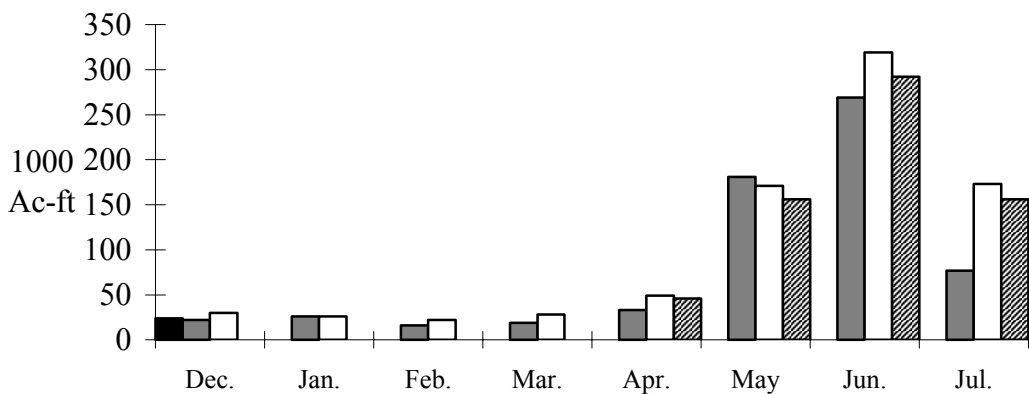
MONTHLY STREAMFLOWS



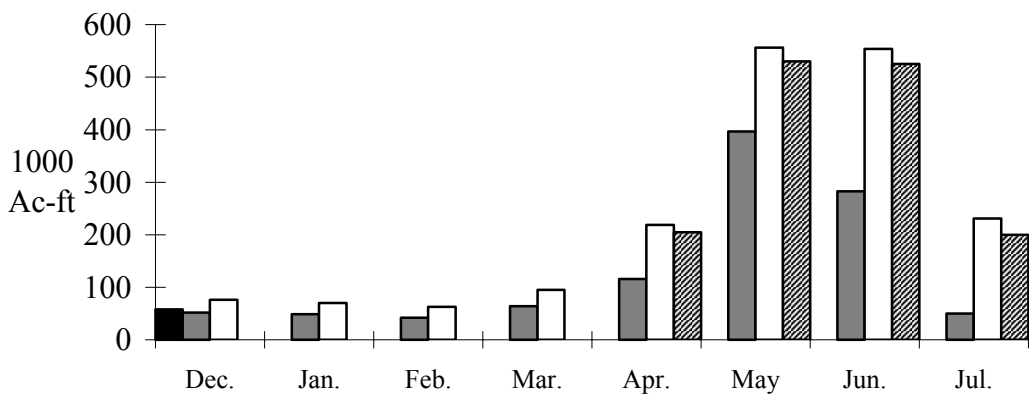
Colorado - Dotsero, nr:



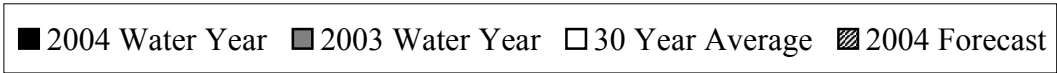
Roaring Fork - Glenwood Springs:



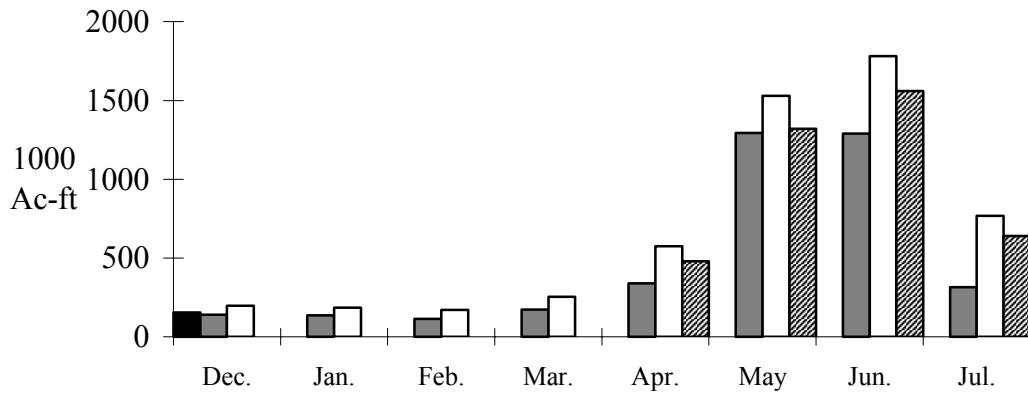
Gunnison - Grand Junction, nr:



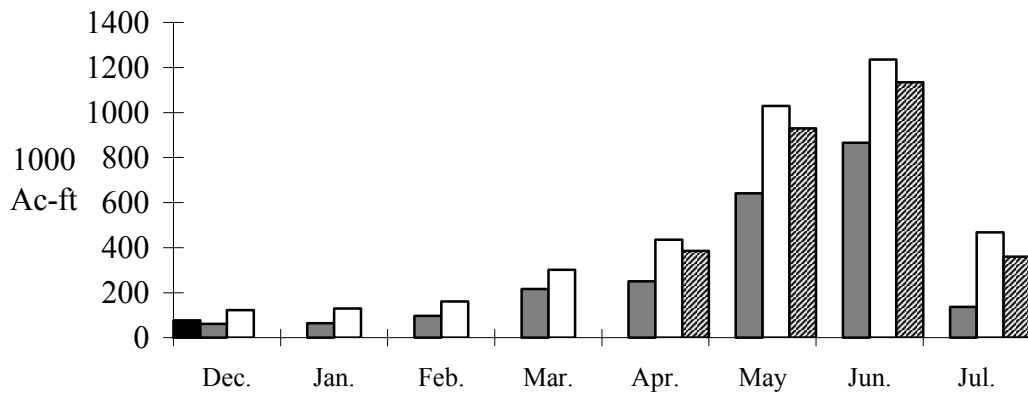
* Data Not Available



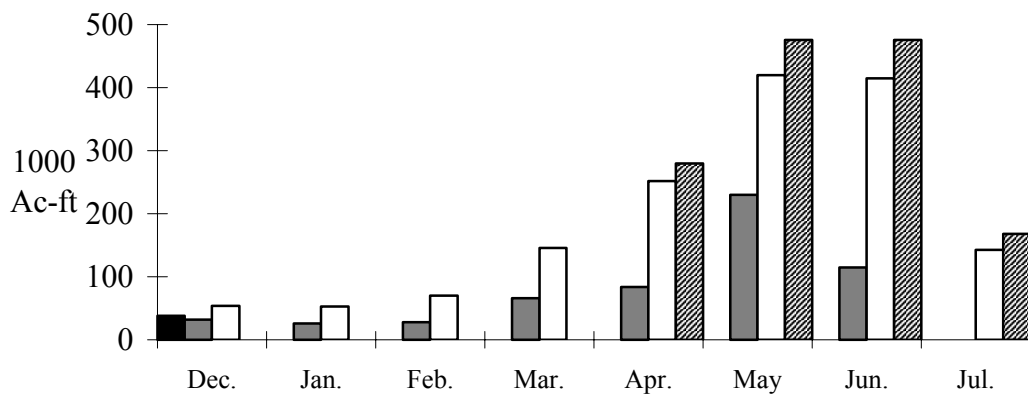
Colorado - Cisco, nr:



Green - Green River, UT:



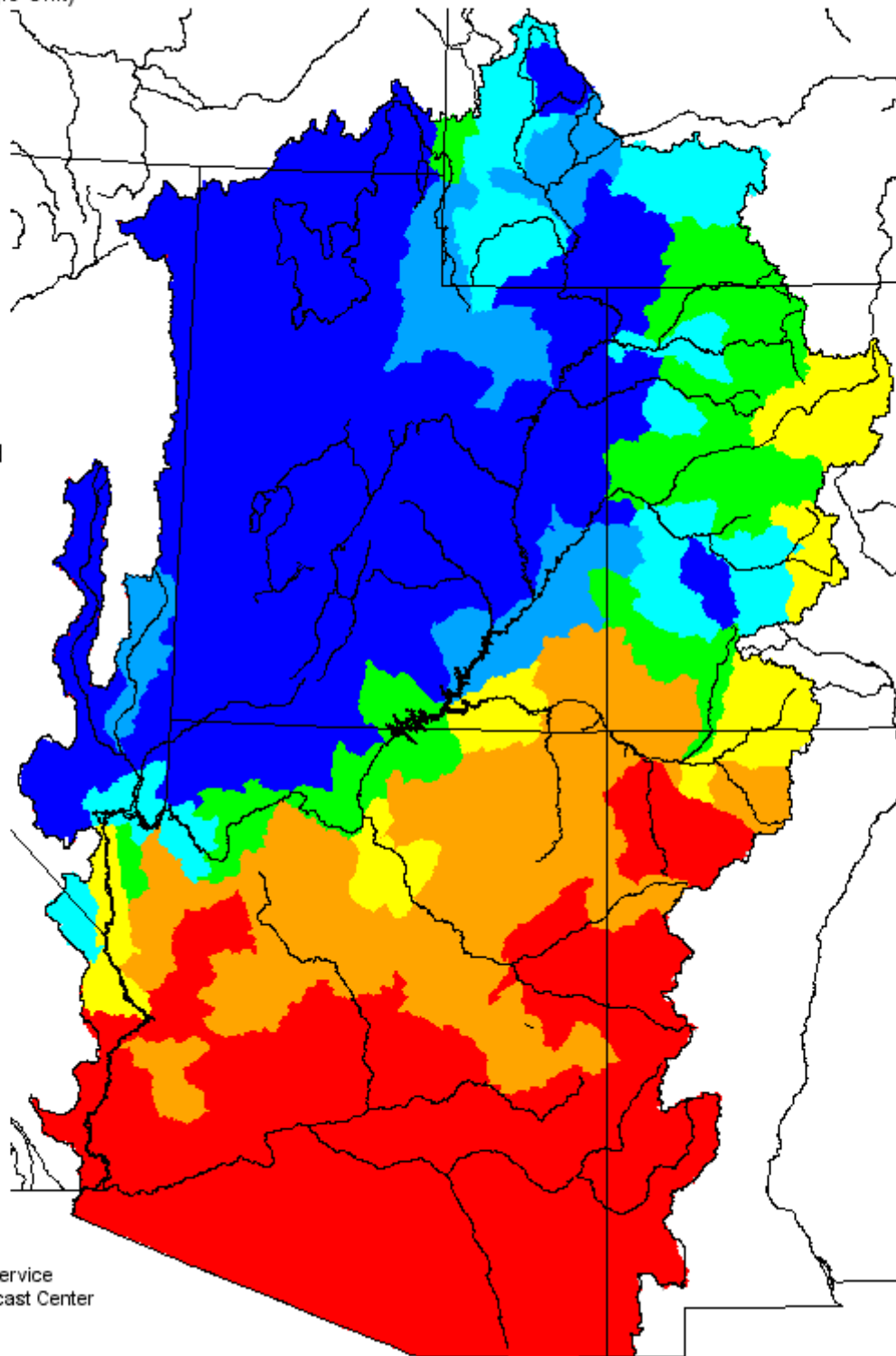
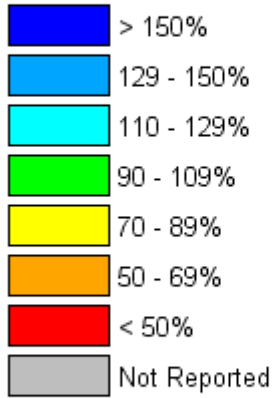
San Juan - Bluff, nr:



Monthly Precipitation for December 2003

(Averaged by Hydrologic Unit)

% Average

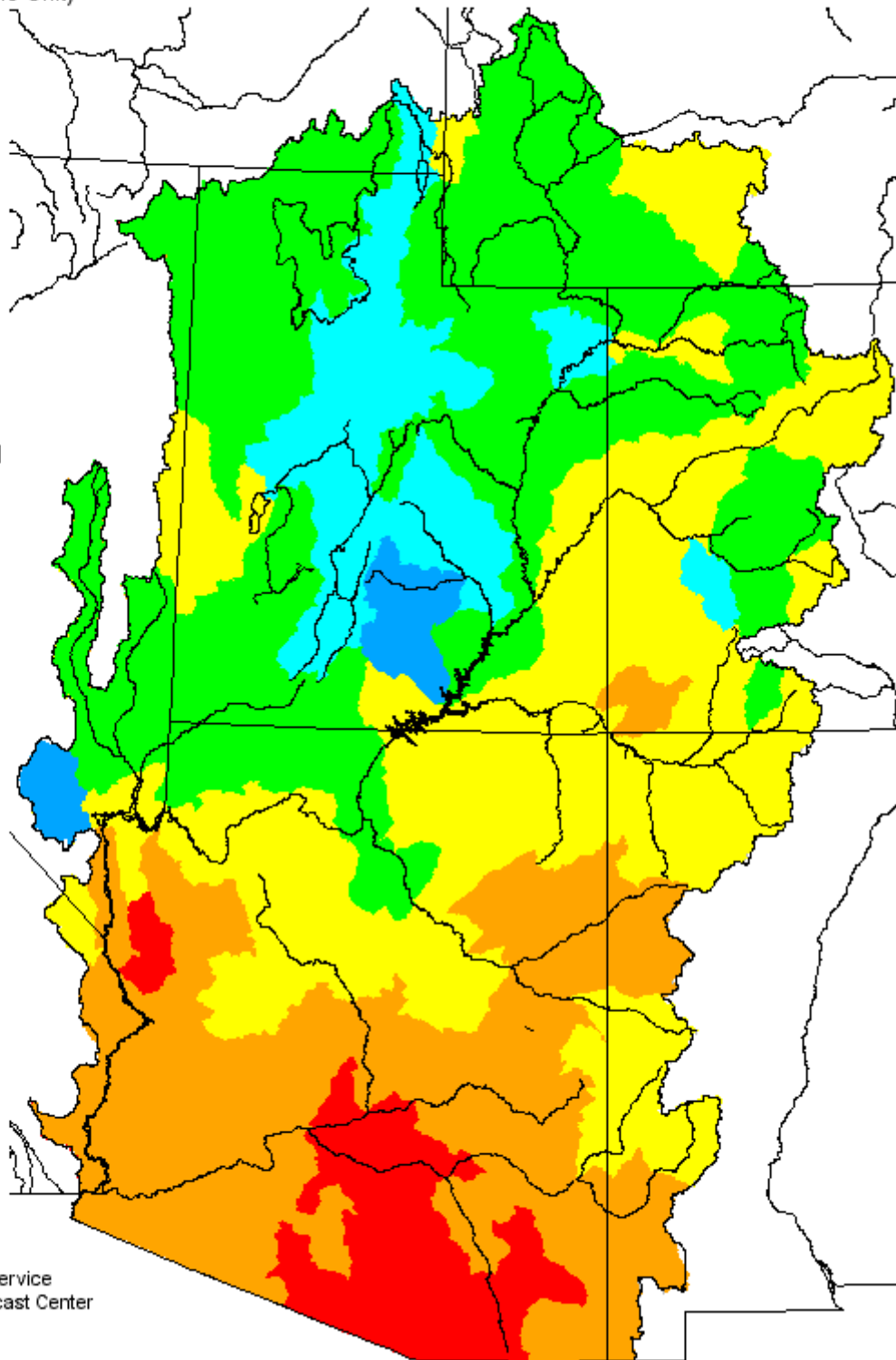
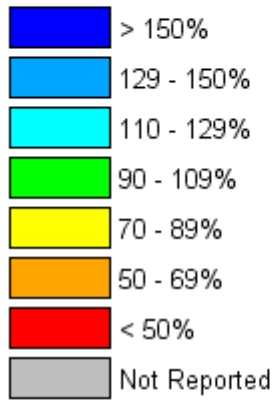


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2003 - December 2003

(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 Greater than 130%	Above Average 111-130%	Near Average 90-110%	Below Average 70-89%	Much Below Average- Less than 70%
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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
2442 West North Temple, Salt Lake City, UT 84116