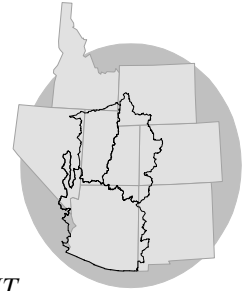


WATER SUPPLY OUTLOOK for the UPPER COLORADO

COLORADO BASIN RIVER FORECAST CENTER

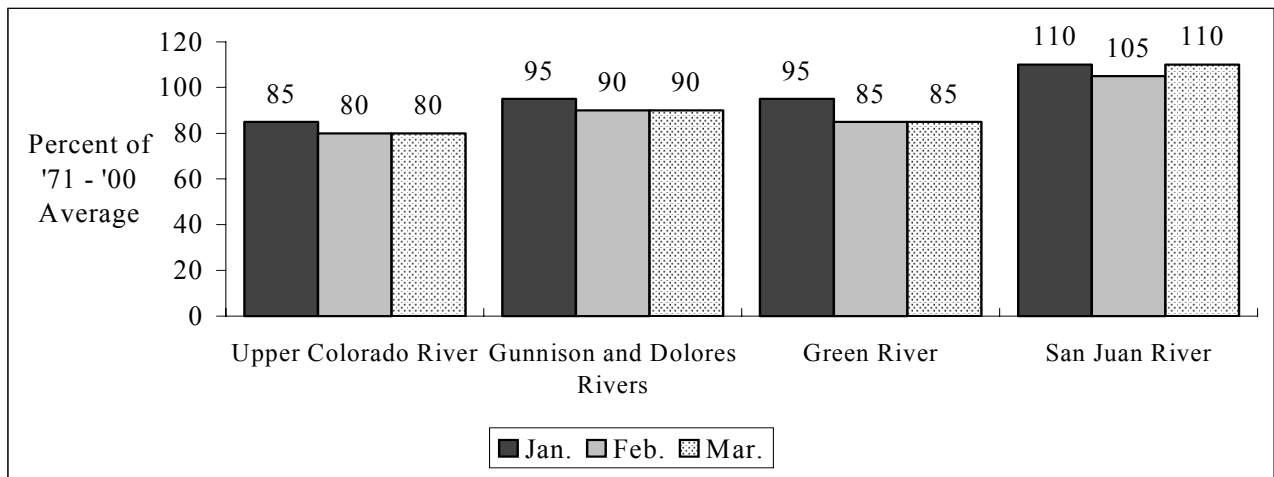
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT



MARCH 1, 2004

A strong storm over the southern portions of the basin late in February, packing much above average precipitation, helped the San Juan Basin recover from mid month losses in snowpack and increased the snowpack over the Dolores River Basin. Elsewhere, February precipitation was, overall, near average. Therefore, April-July runoff forecasts showed increases over the Dolores Basin with just minor adjustments elsewhere.

APRIL - JULY VOLUME FORECASTS

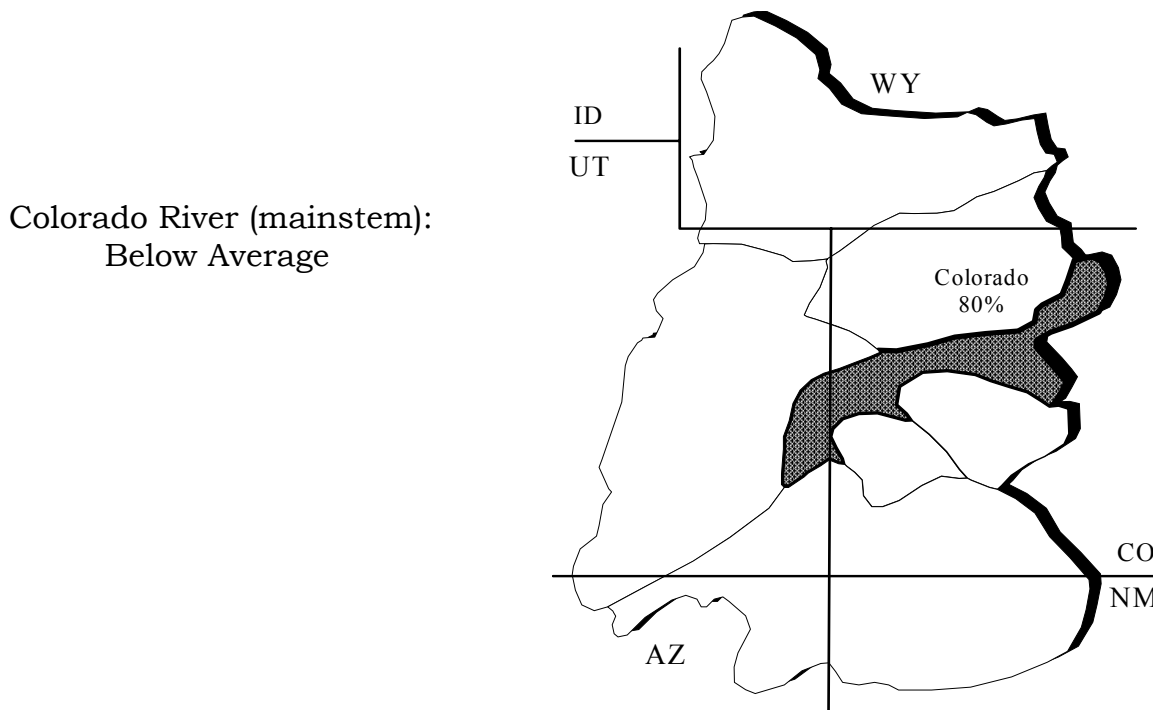


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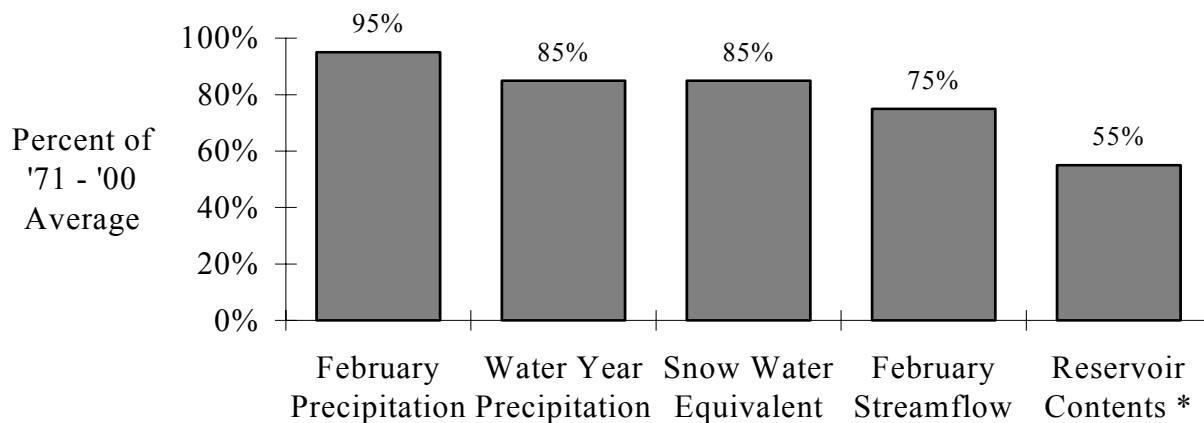
UPPER COLORADO MAINSTEM

Precipitation during February was near average although isolated areas received much above normal precipitation. Snowpack, as a percent of average, continues to run near to below average with isolated areas much below average. Overall, forecasts for the April through July runoff changed very little from those issued February 1st.

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



BASIN CONDITIONS - MARCH 1, 2004



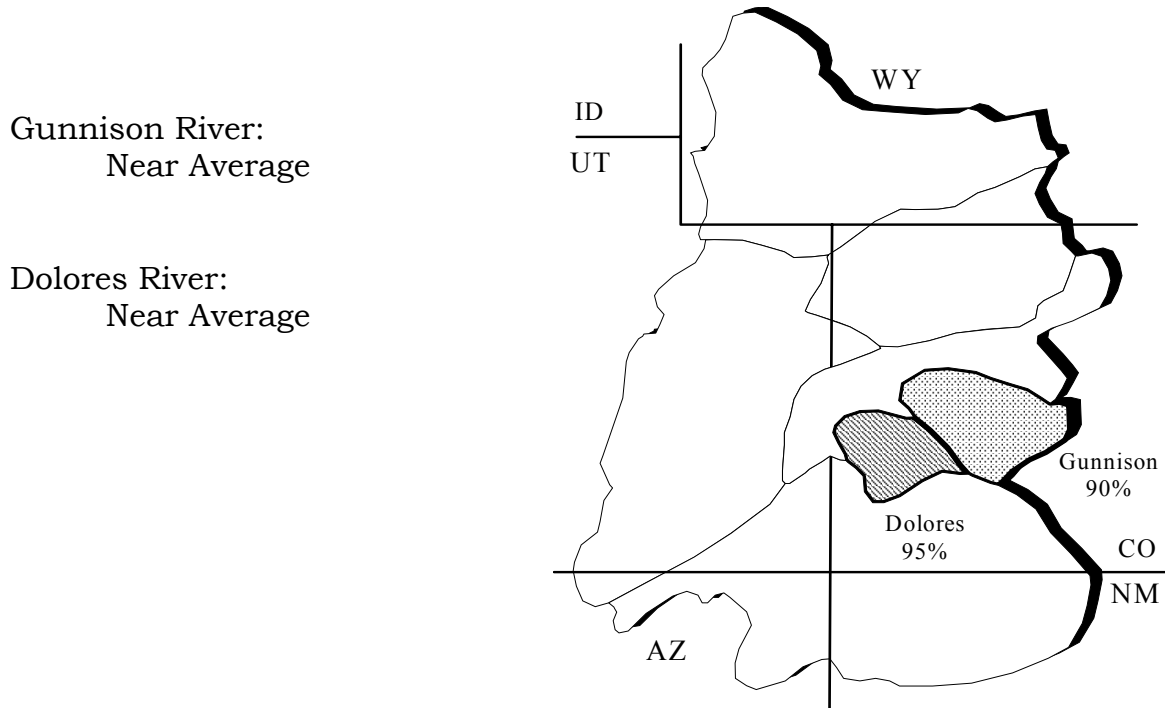
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 6.

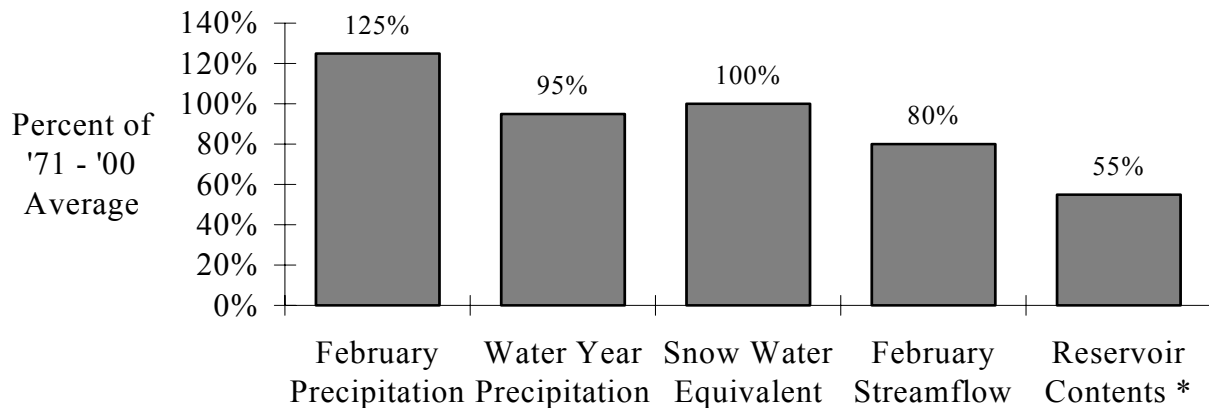
GUNNISON AND DOLORES RIVERS

The snow water equivalent increased about 10% between February 1st and March 1st in the Dolores Basin. In the Gunnison Basin the overall percent of snow water equivalent is about the same, but the distribution of the snow changed. Thus, the April-July streamflow forecasts increased slightly in the Dolores Basin with a mix of decreases and increases in the Gunnison.

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



BASIN CONDITIONS - MARCH 1, 2004



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 7.

GREEN RIVER

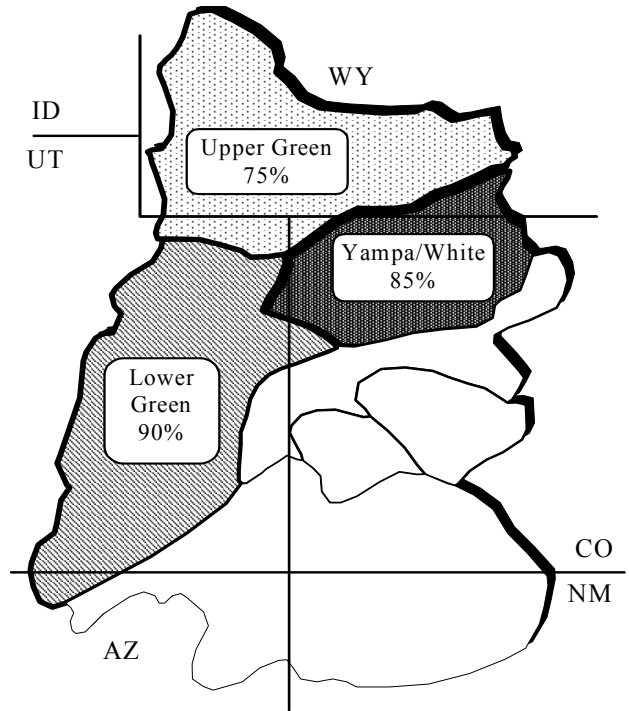
A variety of snowpack conditions exist in the Green River Basin as of March 1st. Near to above average snowpack exists in the Duchesne and southeast Utah drainages. Near to below average snow exists in the Yampa, White, and Upper Green River drainages. April-July runoff volumes are expected to range from near 70% to 110% of average.

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

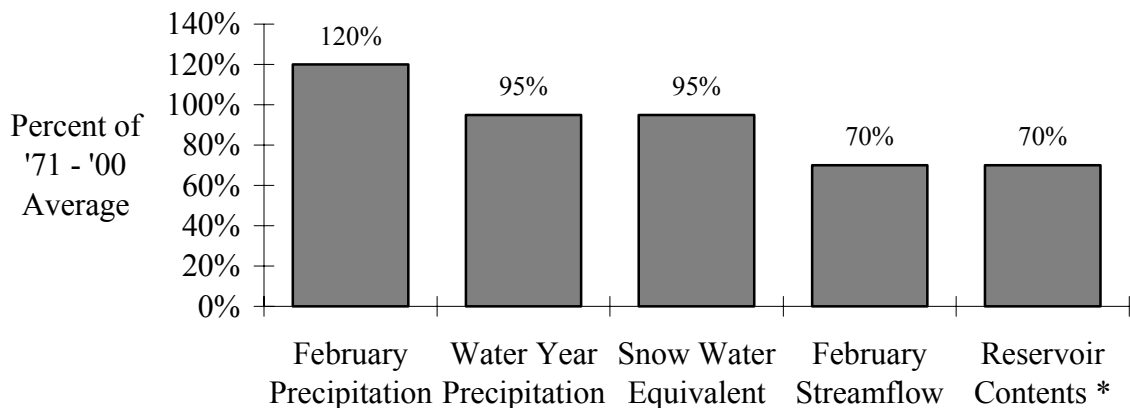
Upper Green River:
Below Average

Yampa/White Rivers:
Below Average

Lower Green River
(below Flaming Gorge):
Near Average



BASIN CONDITIONS - MARCH 1, 2004



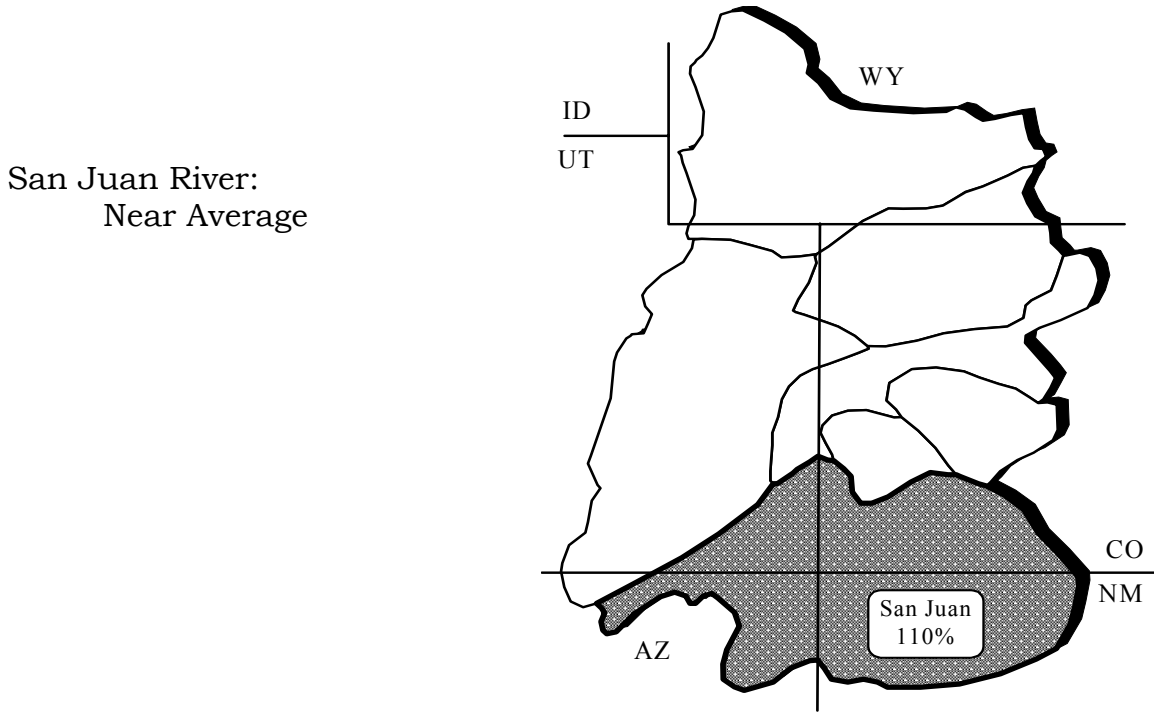
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 8.

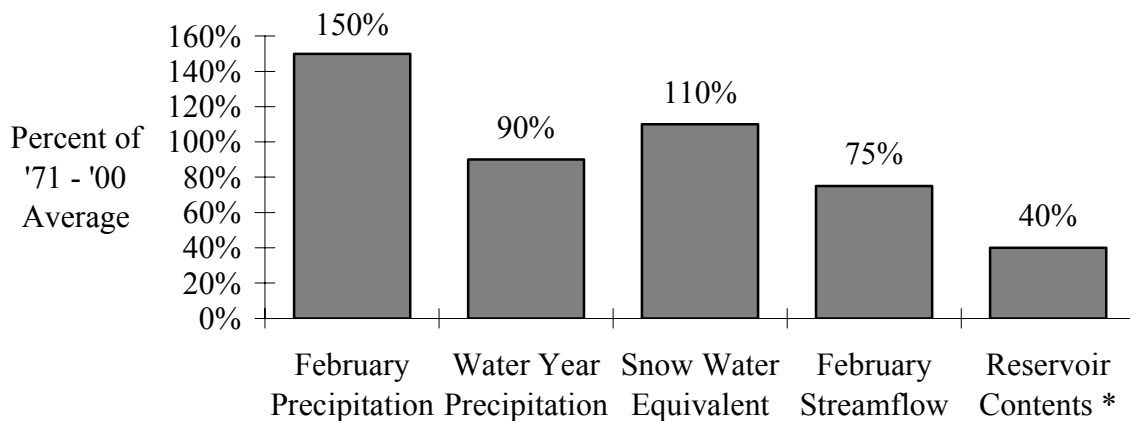
SAN JUAN RIVER

Runoff forecasts throughout the San Juan River Basin remain largely unchanged from those issued February 1st. Snowpack conditions as of March 1st range from 97% to 123% of average. The best conditions continue to be in the Upper San Juan above Navajo. April-July runoff volumes are expected to range from near 82% to 113% of average.

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



BASIN CONDITIONS - MARCH 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	165	73	225	121
	DOTSERO, NR	1100	76	1620	585
	GLENWOOD SPRINGS, BLO	1700	79	2310	1090
	CAMEO, NR	1850	76	2680	1020
	CISCO, NR	3700	80	5260	2140
WILLOW CK	WILLOW CK RES, GRANBY, NR	37	73	55	23
FRASER	WINTER PARK	16	80	21	10.6
WILLIAMS FORK	WILLIAMS FORK RES, PARSHALL, N	80	84	103	60
MUDDY CK	WOLFORD MTN RES, BLO	48	80	70	26
BLUE	DILLON RES	125	75	179	71
	GREEN MTN RES	215	77	270	167
EAGLE	GYPSUM, BLO	250	75	370	170
FRYING PAN	RUEDI RES, BASALT, NR	110	78	160	75
ROARING FORK	GLENWOOD SPRINGS	600	85	815	415
PLATEAU CK	CAMEO, NR	110	96	193	27
MILL CK	MOAB, NR, SHELEY TUN, AT	4.8	96	7.6	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	90	87	124	56
	ALMONT	142	86	195	90
EAST	ALMONT	165	86	222	110
GUNNISON	GUNNISON, NR	330	85	450	210
TOMICHI CK	GUNNISON	70	86	121	33
LAKE FORK	GATEVIEW	115	91	167	63
GUNNISON	MORROW POINT RES	675	86	980	355
	CRYSTAL RES	770	84	1150	380
MUDDY CK	● PAONIA RES, BARDINE, NR	100	100	149	61
NF GUNNISON	SOMERSET, NR	300	98	420	200
SURFACE CK	CEDAREEDGE	17.5	102	26	11.7
UNCOMPAHGRE	RIDGWAY RES	102	100	150	69
	COLONA	132	95	190	85
	DELTA	110	94	185	60
GUNNISON	GRAND JUNCTION, NR	1400	90	1960	845
DOLORES	DOLORES	255	96	350	160
	MCPHEE RES	305	95	415	195
	CISCO, NR	495	89	790	200
SAN MIGUEL	PLACERVILLE, NR	125	95	173	77

● = 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	220	83	280	161
	GREEN RIVER, WY, NR	635	73	870	400
	GREEN RIVER, UT	2550	80	3640	1460
PINE CK	FREMONT LK, ABV	85	82	101	69
NEW FORK	BIG PINEY, NR	300	76	405	195
BIG SANDY	FARSON, NR	47	81	65	29
BLACKS FORK	ROBERTSON, NR	74	78	102	46
EF SMITHS FORK	ROBERTSON, NR	22	71	29	16.7
HAMS FORK	FRONTIER, NR, POLE CK, BLO	48	74	69	30
	VIVA NAUGHTON RES	62	70	94	30
YAMPA	STAGECOACH RSVR, ABV	22	76	33	11.4
	STEAMBOAT SPRINGS	220	79	305	136
	MAYBELL, NR	775	78	1100	455
ELK	MILNER, NR	265	82	380	171
ELKHEAD CK	ELKHEAD, NR	30	77	59	15.2
	MAYNARD GULCH, BLO	50	85	79	21
FORTIFICATION CK	● FORTIFICATION, NR	6.4	85	11	1.8
LITTLE SNAKE	SLATER, NR	159	100	225	205
	DIXON, NR	330	100	440	220
	LILY, NR	355	97	470	240

● = 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	23	110	30	15.8
ASHLEY CK	VERNAL, NR	58	112	83	33
WF DUCHESNE	HANNA, NR	23	96	36	13.2
ROCK CK	UPPER STILLWATER RES	77	94	96	58
	MOUNTAIN HOME, NR	82	92	103	61
DUCHESNE	TABIONA, NR	92	88	118	66
	DUCHESNE, NR, KNIGHT DIV, ABV	167	89	225	108
	MYTON	220	83	330	110
	RANDLETT, NR	270	83	510	36
STRAWBERRY	SOLDIER SPRINGS, NR	55	93	85	32
	DUCHESNE, NR	105	86	144	66
CURRANT CK	CURRANT CK RES	26	104	34	18.9
LAKE FORK	MOON LAKE RES, MTN HOME, NR	63	93	81	45
YELLOWSTONE	ALTONAH, NR	59	95	84	34
WHITEROCKS	WHITEROCKS, NR	51	91	83	19
WHITE	MEEKER, NR	225	78	330	153
	WATSON, NR	235	77	370	101
GOOSEBERRY CK	SCOFIELD, NR	10.3	87	14.9	5.7
PRICE	SCOFIELD RES, SCOFIELD, NR	42	91	53	31
WHITE	BLO TABBYUNE CK, SOLDIER SUMMI	14.8	85	25	7.4
HUNTINGTON CK	ELECTRIC LAKE	13.3	85	21	7.9
	HUNTINGTON, NR	42	84	55	29
SEELEY CK	JOES VLY RES, ORANGEVILLE, NR	52	90	77	27
FERRON CK	FERRON, NR	37	95	52	24
SEVEN MILE CK	FISH LAKE, NR	7.4	106	11.9	2.9
MUDDY CK	EMERY, NR	22	111	33	11

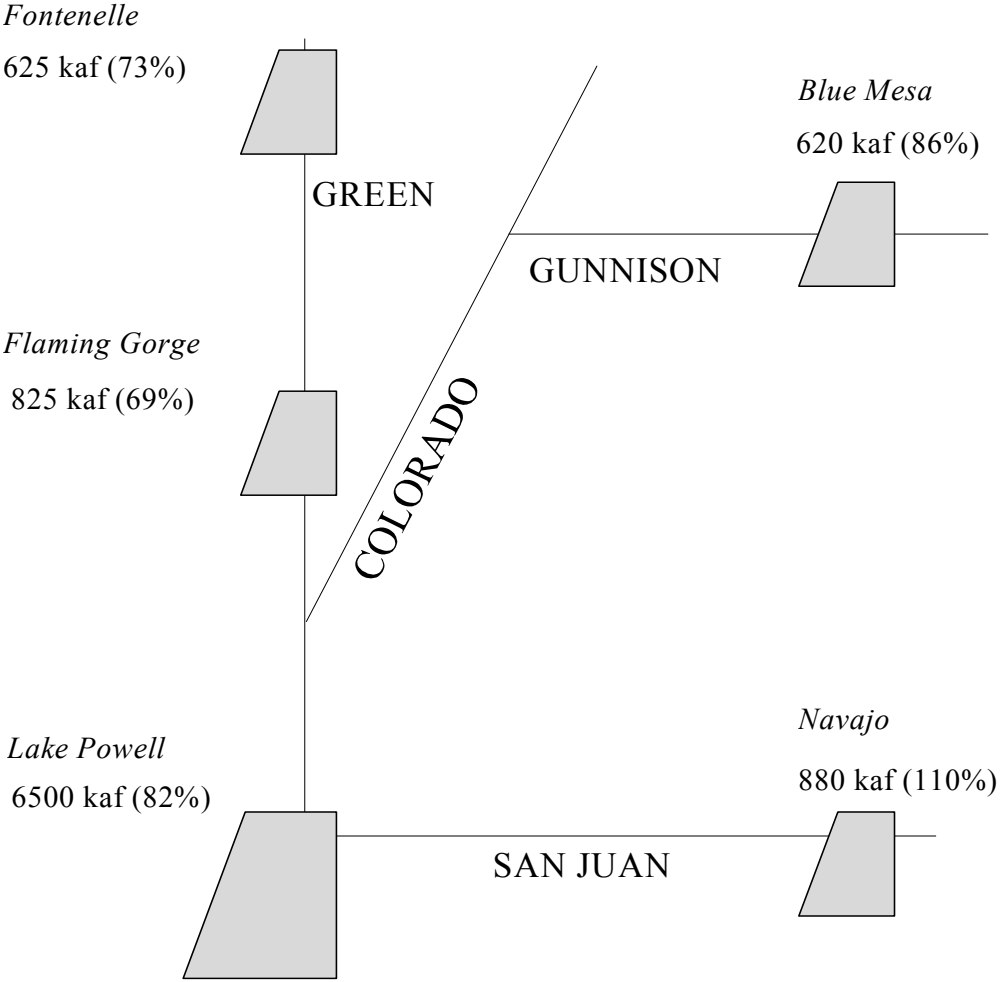
San Juan River Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SAN JUAN	PAGOSA SPRINGS	250	111	345	166
	CARRACAS, NR	450	111	690	260
	FARMINGTON	1360	112	1910	815
	BLUFF, NR	1350	110	1800	900
RIO BLANCO	PAGOSA SPRINGS, NR, BLANCO DAM	57	108	81	33
NAVAJO	CHROMO, NR, OSO DIV DAM, BLO	73	106	103	43
PIEDRA	ARBOLES, NR	260	113	350	172
LOS PINOS	VALLECITO RES, BAYFIELD, NR	215	105	285	147
ANIMAS	DURANGO	450	102	595	305
FLORIDA	LEMON RES, DURANGO, NR	60	103	84	36
LA PLATA	HESPERUS	22	88	32	11.5
MANCOS	MANCOS, NR	36	90	59	13
SOUTH CK	◆ LLOYD'S RSVR NR MONTICELLO, AB	1.52	157	2.8	0.62
RECAPTURE CK	◆ BLANDING, NR, JOHNSON CK, BLO	5.6	112	9.8	1.4

◆ = March - July forecast period.

FLOOD CONTROL FORECASTS

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

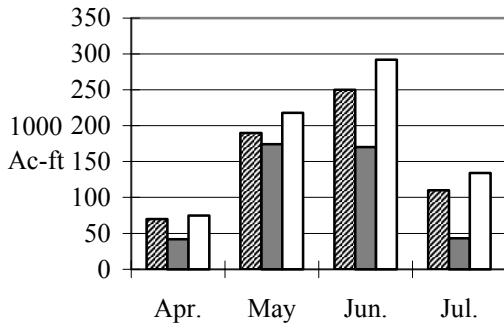


NOTE: Colorado River flood control forecasts account for a smaller set of upstream adjustments than water supply forecast points.

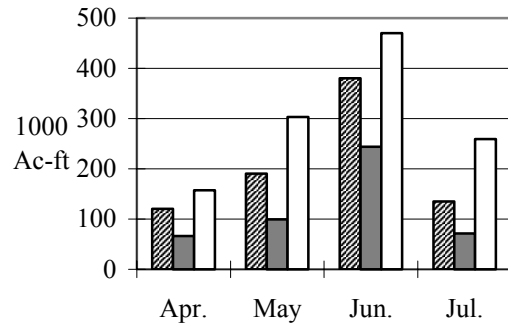
RESERVOIR MONTHLY INFLOW FORECASTS



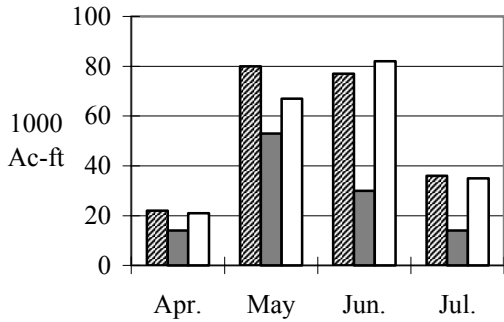
Blue Mesa Reservoir Inflow



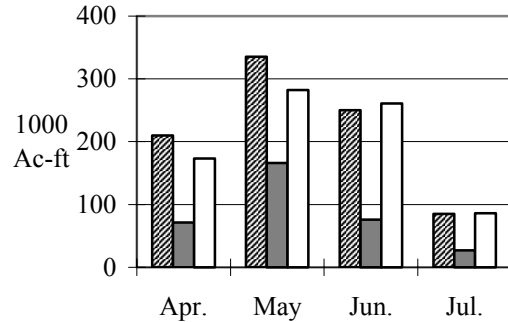
Flaming Gorge Reservoir Inflow



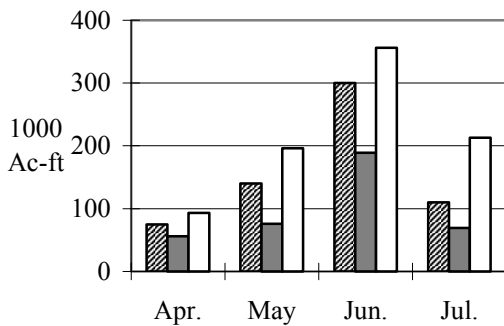
Vallecito Reservoir Inflow



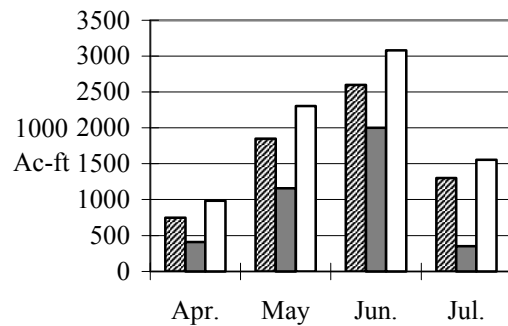
Navajo Reservoir Inflow



Fontenelle Reservoir Inflow

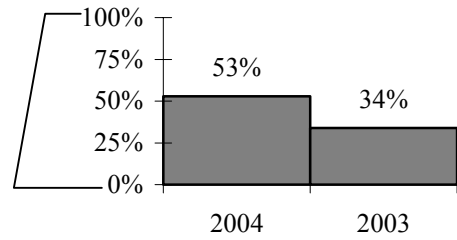
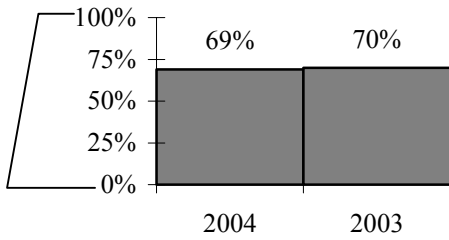


Lake Powell Inflow

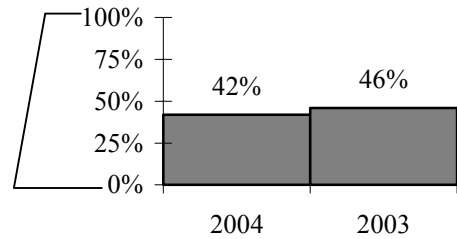
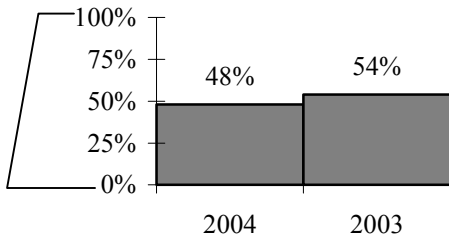


END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



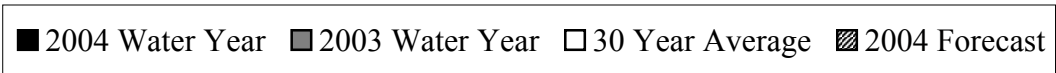
Green
 Combined
 Upper Colorado, Gunnison, and Dolores
 San Juan



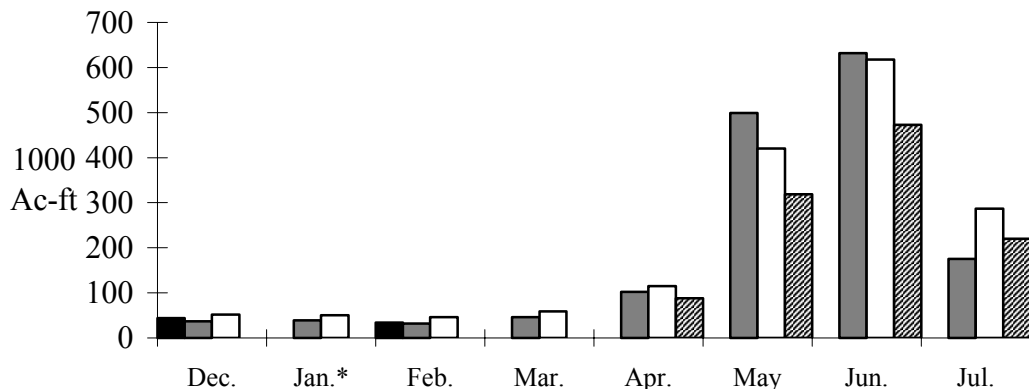
RESERVOIR (vol. in 1000 ac-ft)	Reservoir status	Usable Capacity	EOM Usable Contents	Percent Usable Capacity
Fontenelle	1,4	344.8	155.6	45
Flaming Gorge	1,4	3749	2602.2	69
Strawberry	1,4	1105.9	776	70
Starvation	1,4	165.3	142	86
Lake Granby	2,4	490.3	218.5	45
Dillon	2,4	254	217.5	86
Green Mountain	2,4	146.9	66.3	45
Taylor Park	2,4	106.2	72.2	68
Blue Mesa	2,4	829.5	390.8	47
Ridgway	2,4	83.2	71.7	86
McPhee	2,4	381.1	169.6	45
Vallecito	3,4	125.4	56.7	45
Navajo	3,4	1696	710.8	42
Lake Powell	4	24322	10536.9	43

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

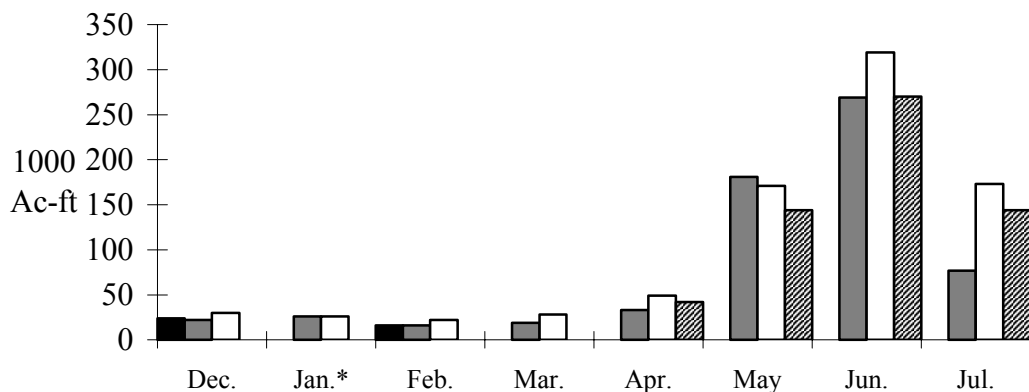
MONTHLY STREAMFLOWS



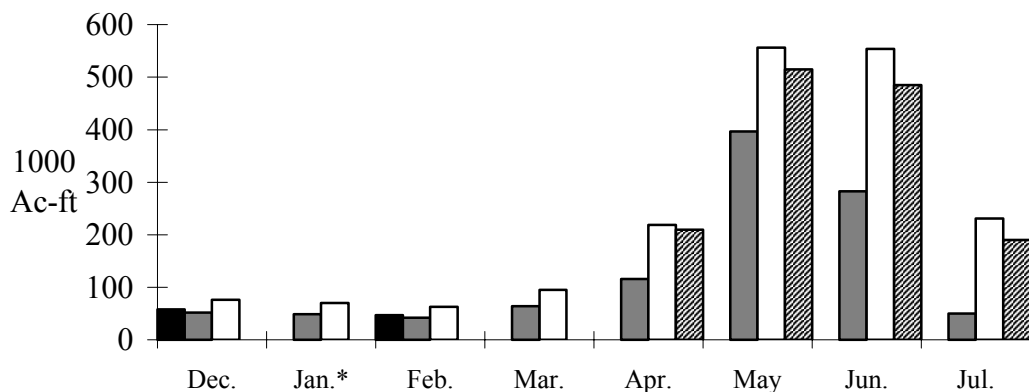
Colorado - Dotsero, nr:



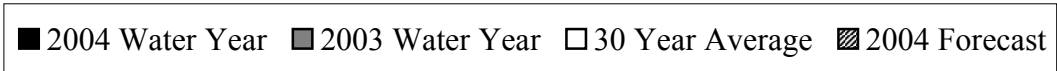
Roaring Fork - Glenwood Springs:



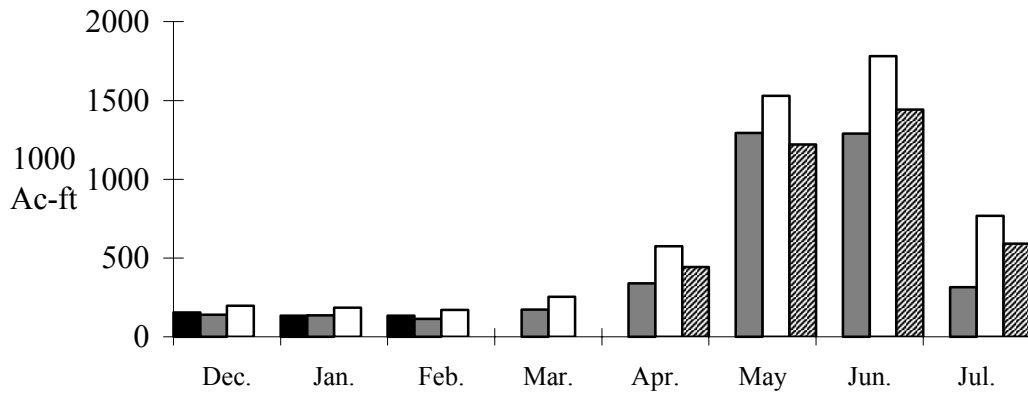
Gunnison - Grand Junction, nr:



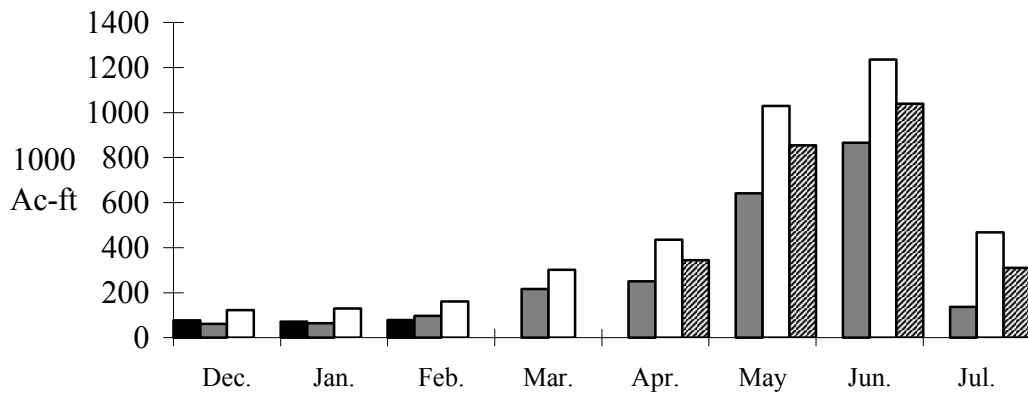
* Data Not Available



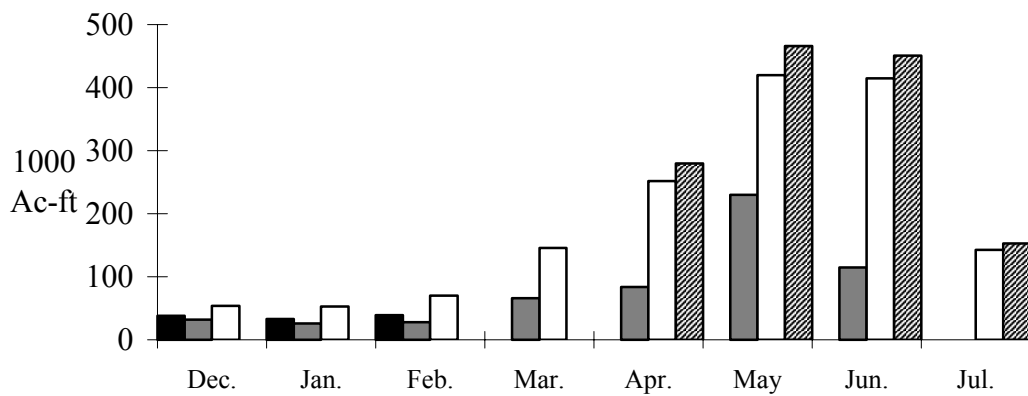
Colorado - Cisco, nr:



Green - Green River, UT:



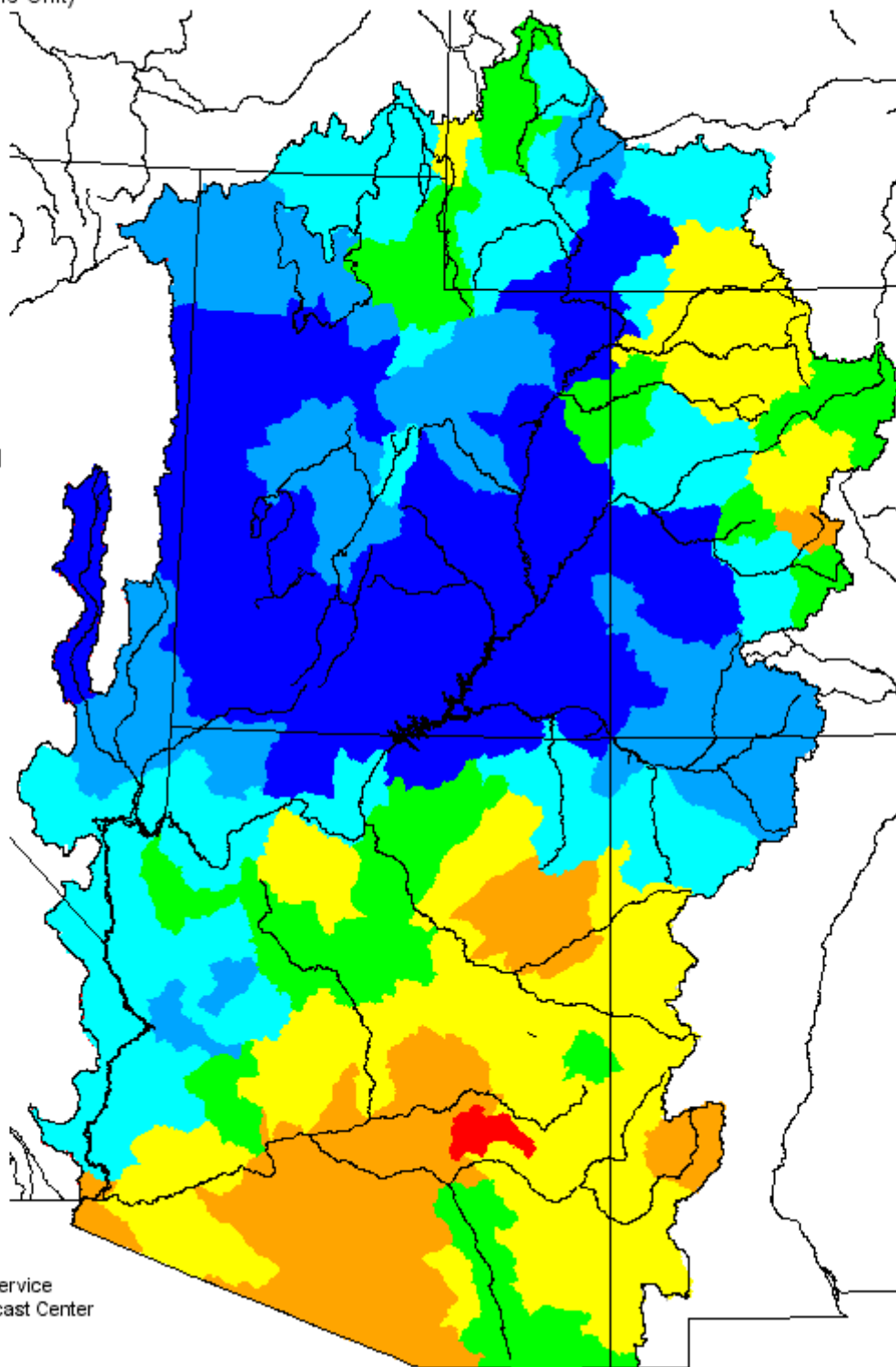
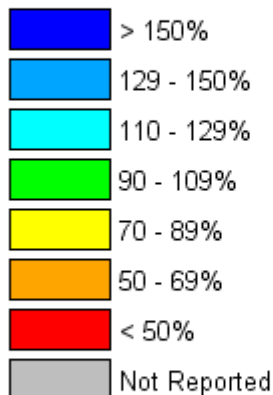
San Juan - Bluff, nr:



Monthly Precipitation for February 2004

(Averaged by Hydrologic Unit)

% Average

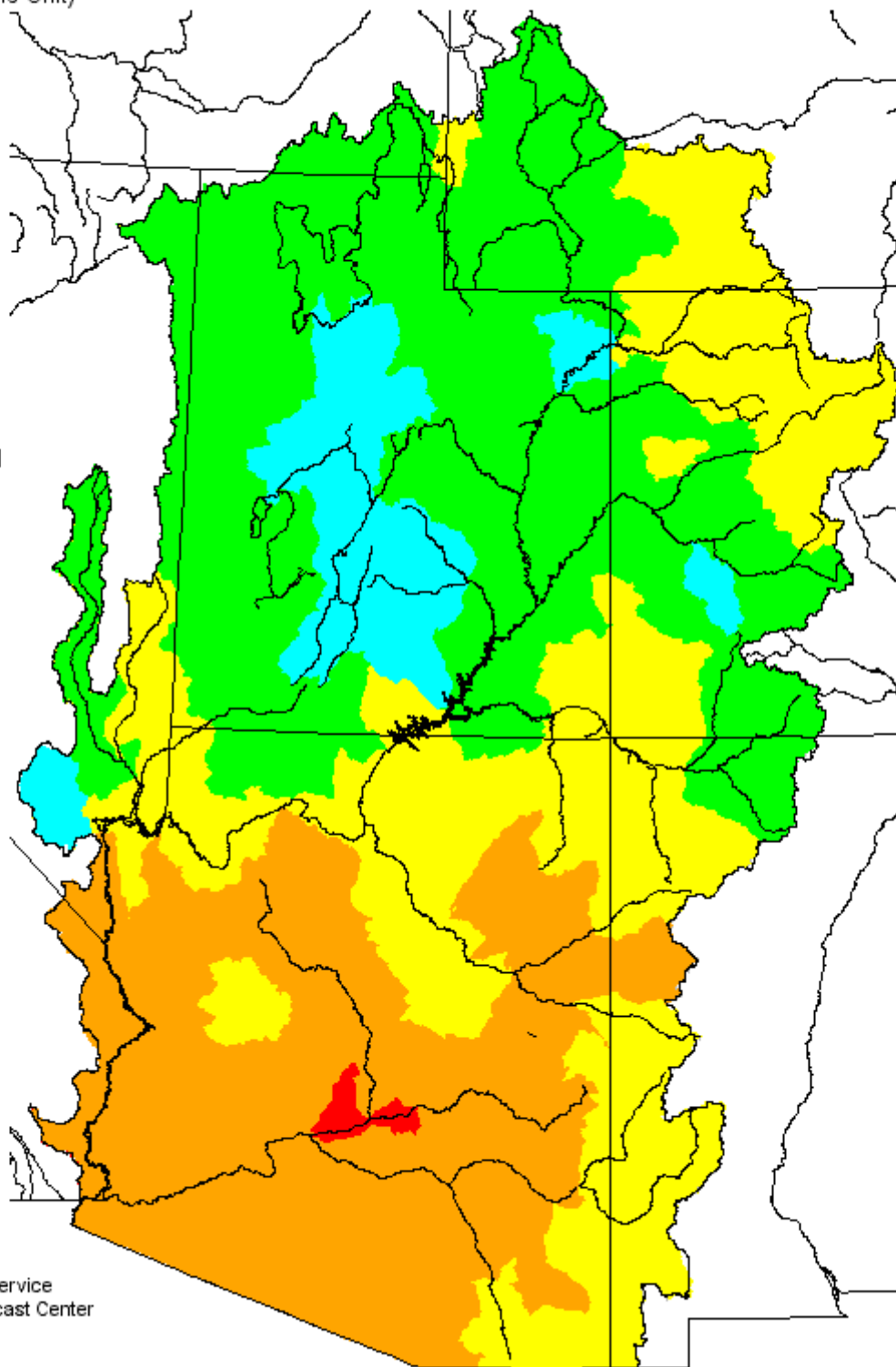
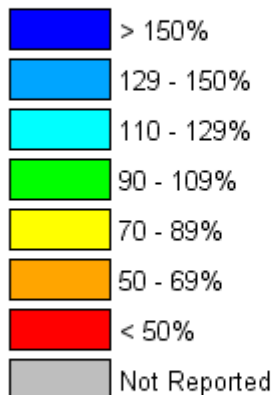


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2003 - February 2004

(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