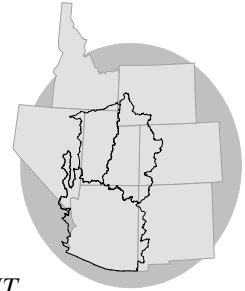


WATER SUPPLY OUTLOOK

for the UPPER COLORADO

COLORADO BASIN RIVER FORECAST CENTER

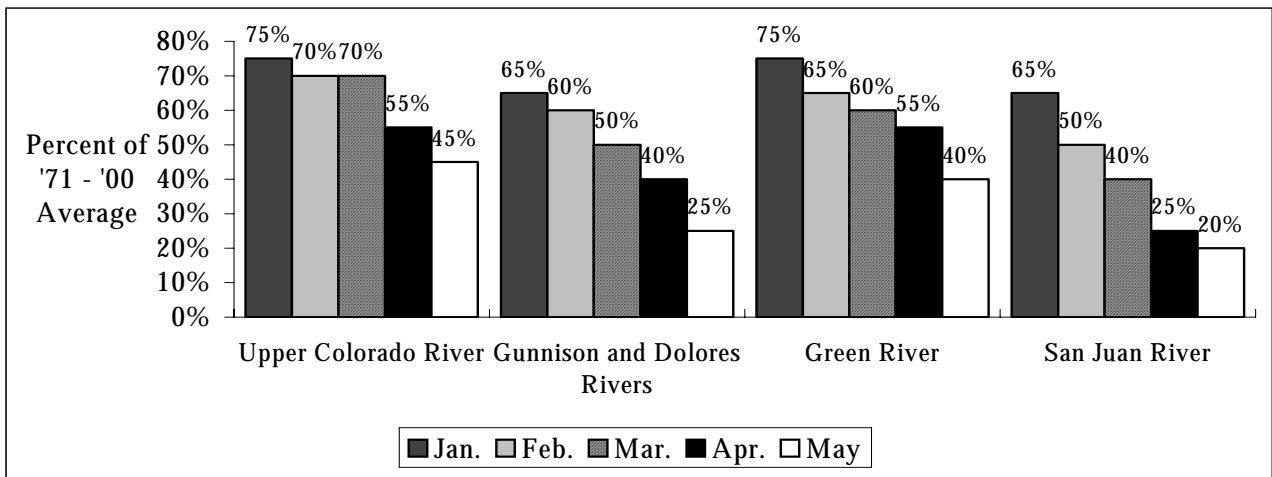
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT



MAY 1, 2002

Most Portions of the Upper Colorado River Basin received below to much below average precipitation in April. The exception again was portions of the Upper Green River, where near to above average precipitation was observed. The melt began in earnest in April, although cooler temperatures and more precipitation in the Upper Green Basin aided in maintaining the higher elevation snowpack.

APRIL - JULY VOLUME FORECASTS

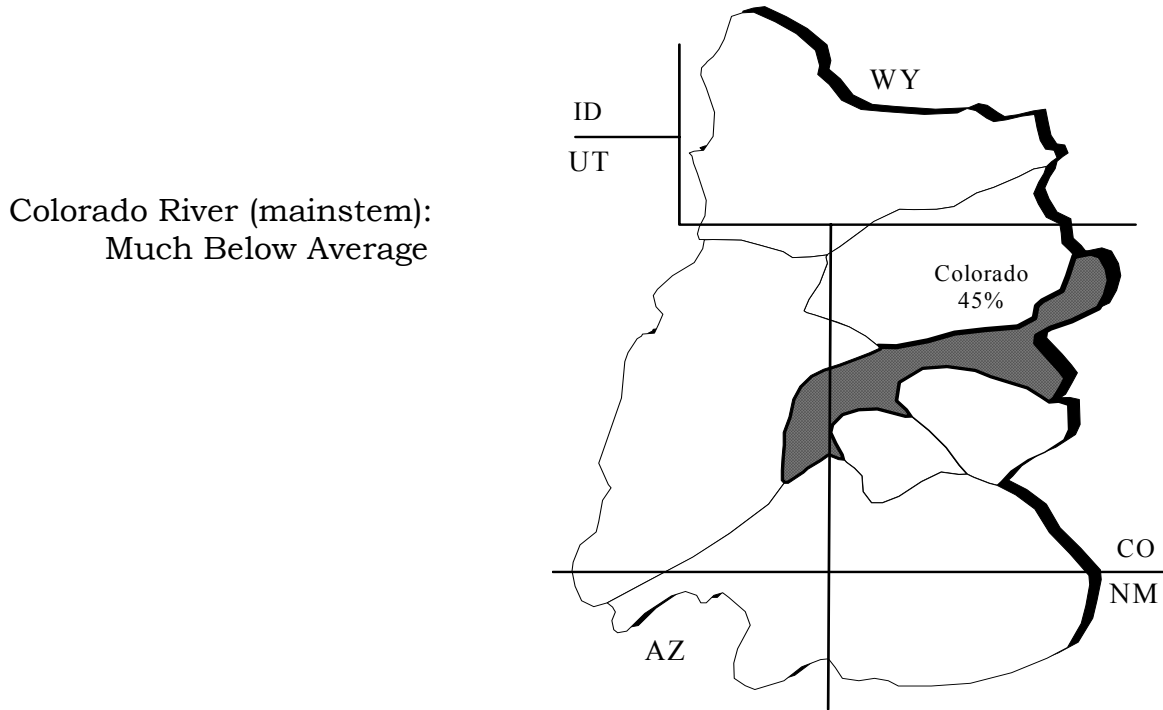


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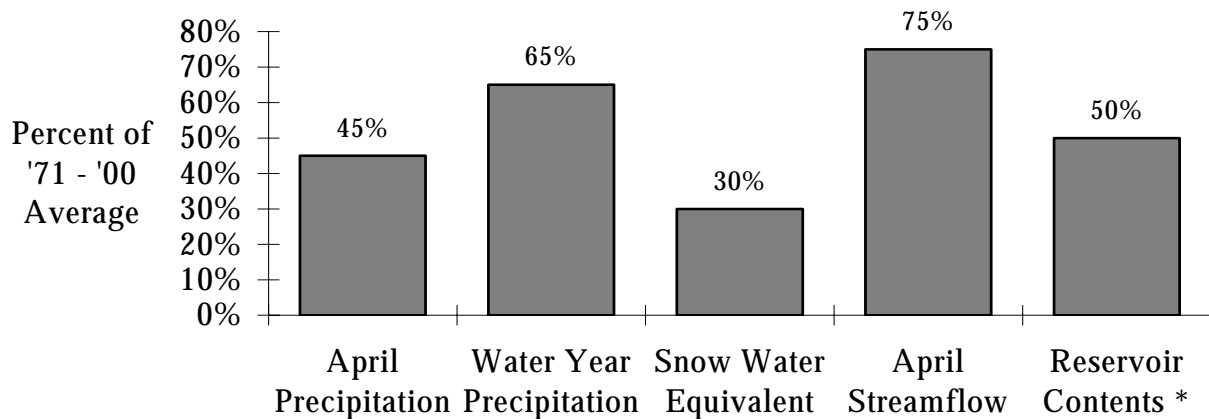
UPPER COLORADO MAINSTEM

Seasonal precipitation up to May 1 in the upper mainstem of the Colorado River continues below average. Below to much below average precipitation in April combining with early snowmelt allowed the percent of average snow water equivalents to drop to 30 percent over the Upper Colorado mainstem. Therefore, once again drops of 5% to 15% were noted in point forecasts.

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



BASIN CONDITIONS - MAY 1, 2002



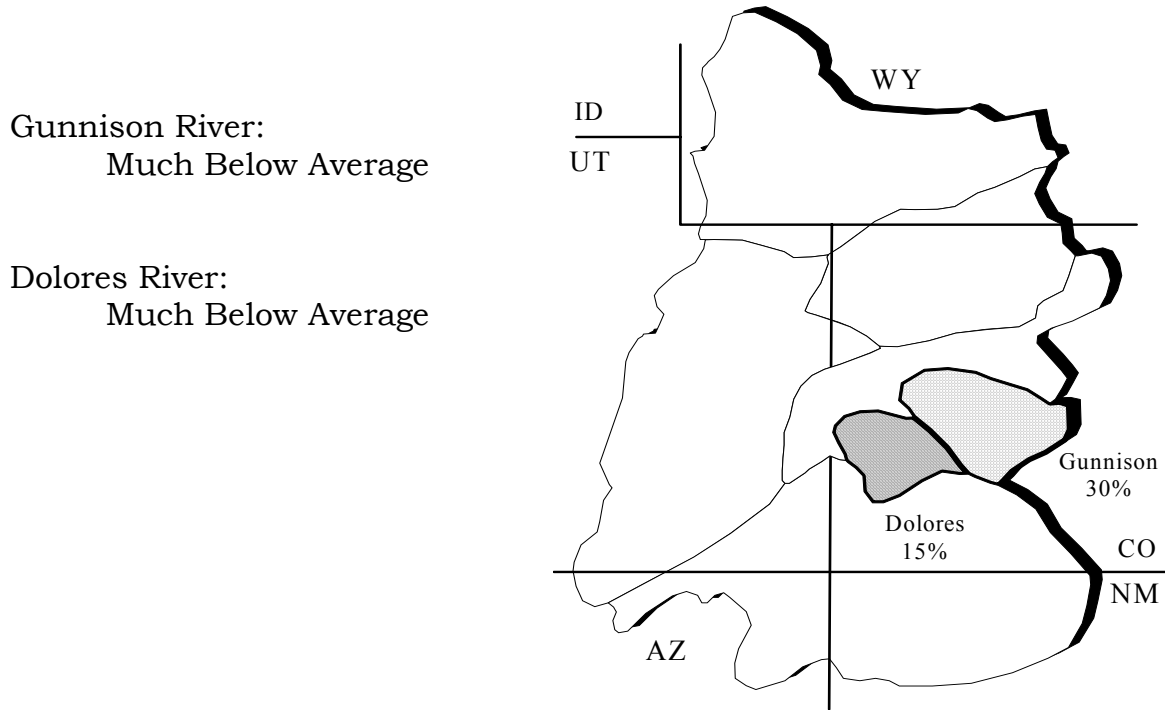
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 6.

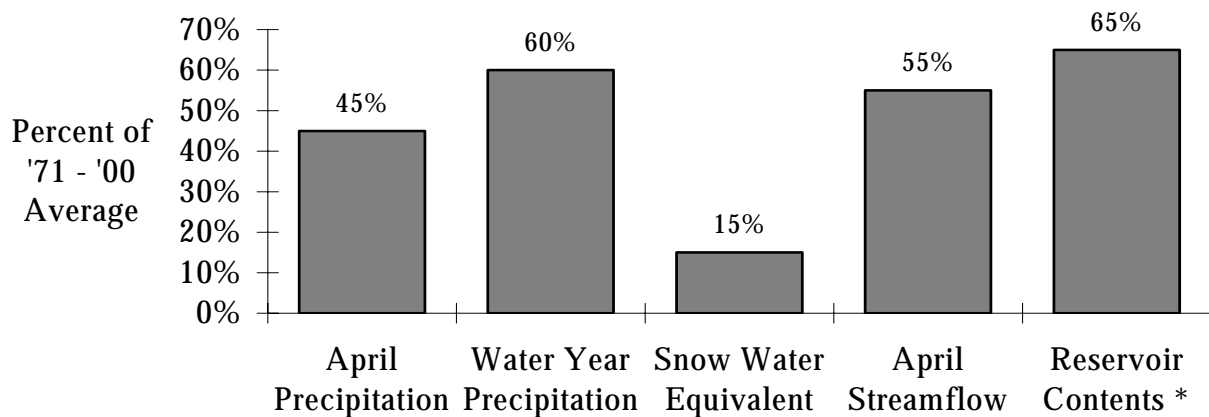
GUNNISON AND DOLORES RIVERS

Snowpack dropped from 55% of average on April 1st to 20% of average on May 1st in the Gunnison River Basin, resulting in 70% of average streamflow for the month. Snowpack in the Dolores River Basin fell from 40% to 5% of average, but April streamflow was just 25% of average. Streamflow forecasts were reduced and now range from about 10% to 40% of average.

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



BASIN CONDITIONS - MAY 1, 2002



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 7.

GREEN RIVER

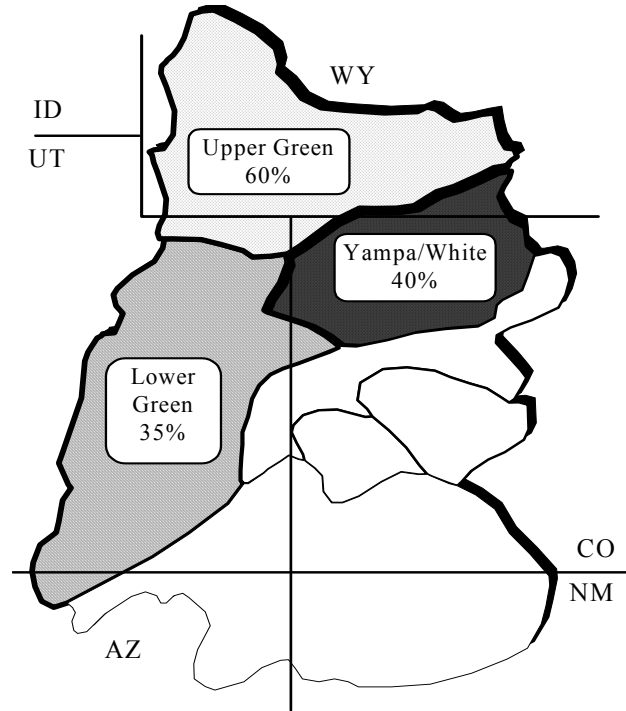
As of May 1st much of the snowpack had been depleted in the Yampa, White and Duchesne Basins. Cool weather maintained high elevation snowpack in the Upper Green. Basin averages for May 1st included: Upper Green 73%, Yampa/White 40%, and Duchesne 28%. Runoff volume forecasts were reduced, most notably in the Duchesne and Yampa/White Basins, and now range from near 50% to 75% of average in the Upper Green and 15% to 45% elsewhere.

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

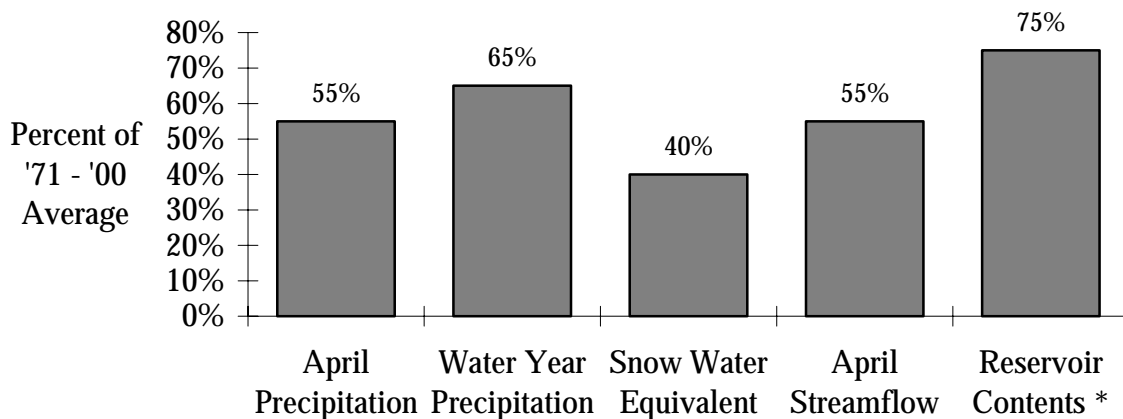
Upper Green River:
Much Below Average

Yampa/White Rivers:
Much Below Average

Lower Green River
(below Flaming Gorge):
Much Below Average



BASIN CONDITIONS - MAY 1, 2002



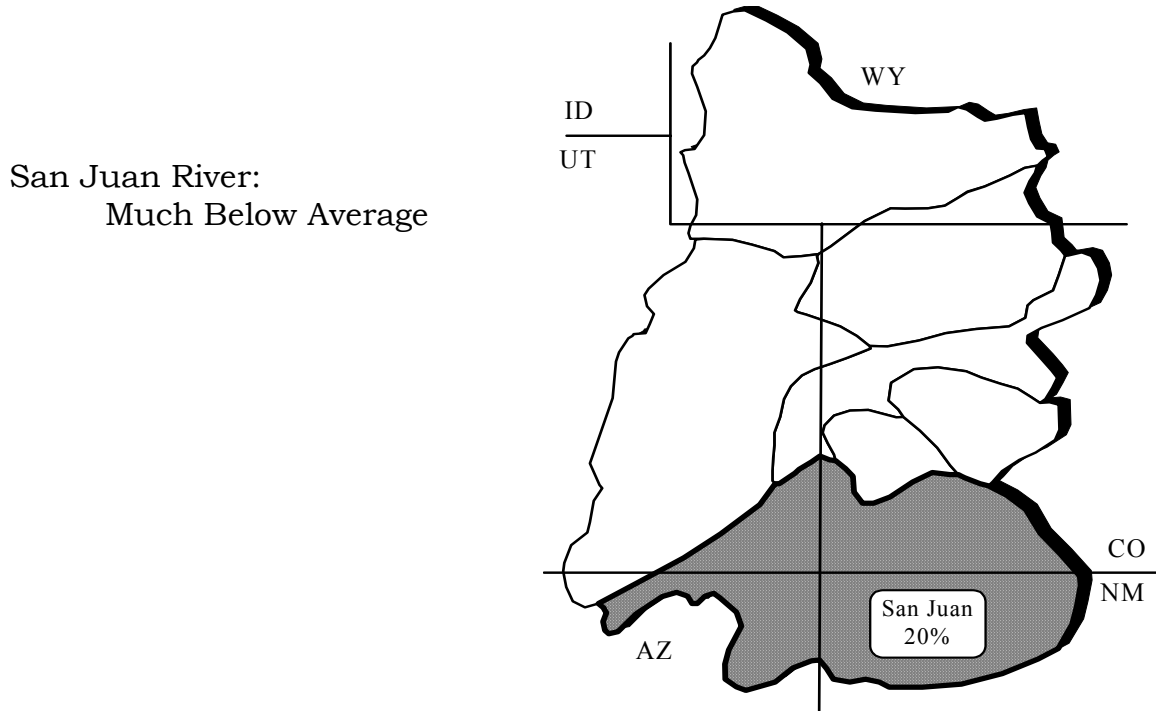
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 8.

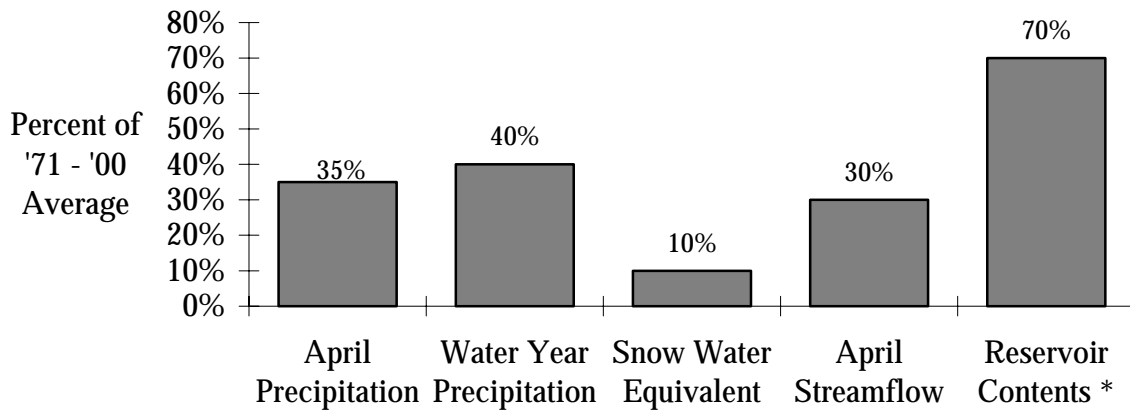
SAN JUAN RIVER

As of May 1st all but two of the San Juan Basin snotel sites were dry. The snowpack fell from 31% on April 1st to 9% on May 1st, yet streamflow was just 32% of average for the month. All April-July runoff forecasts have been reduced again to reflect this continuing dry trend. Forecasted flows for the April-July runoff range from 5% to 28% of average.

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



BASIN CONDITIONS - MAY 1, 2002



* 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	125	56	146	107
	DOTSERO, NR	675	47	995	510
	GLENWOOD SPRINGS, BLO	925	43	1350	505
	CAMEO, NR	970	40	1507	740
	CISCO, NR	1180	27	2160	885
WILLOW CK	WILLOW CK RES, GRANBY, NR	22	43	34	12.6
FRASER	WINTER PARK	11.5	57	16.1	6.9
WILLIAMS FORK	WILLIAMS FORK RES, PARSHALL, N	55	58	70	42
MUDDY CK	WOLFORD MTN RES, BLO	26	43	50	18
BLUE	DILLON RES	75	45	103	63
	GREEN MTN RES	145	52	178	116
EAGLE	GYPSUM, BLO	145	43	178	118
FRYING PAN	RUEDI RES, BASALT, NR	68	48	93	50
ROARING FORK	GLENWOOD SPRINGS	285	40	390	197
PLATEAU CK	CAMEO, NR	20	17	88	8
MILL CK	MOAB, NR, SHELEY TUN, AT	1.7	34	3.6	1.04

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	42	41	66	32
	ALMONT	60	36	100	40
EAST	ALMONT	70	36	105	57
GUNNISON	GUNNISON, NR	112	29	190	90
TOMICHI CK	GUNNISON	13.6	17	29	4
LAKE FORK	GATEVIEW	30	24	50	27
GUNNISON	MORROW POINT RES	220	28	395	170
	CRYSTAL RES	255	28	460	170
MUDDY CK	● PAONIA RES, BARDINE, NR	23	22	33	15
NF GUNNISON	SOMERSET, NR	98	32	138	65
SURFACE CK	CEDAREEDGE	6	35	8	4.5
UNCOMPAHGRE	RIDGWAY RES	41	40	52	33
	COLONA	49	35	72	30
	DELTA	40	34	100	20
GUNNISON	GRAND JUNCTION, NR	350	22	695	285
DOLORES	DOLORES	53	20	106	39
	MCPHEE RES	60	19	122	48
	CISCO, NR	50	9	250	30
SAN MIGUEL	PLACERVILLE, NR	32	24	64	23

● = 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	210	79	245	173
	GREEN RIVER, WY, NR	500	57	685	315
	GREEN RIVER, UT	1260	40	2110	915
PINE CK	FREMONT LK, ABV	80	77	93	67
NEW FORK	BIG PINEY, NR	240	61	325	155
BIG SANDY	FARSON, NR	34	59	48	20
BLACKS FORK	ROBERTSON, NR	45	47	61	29
EF SMITHS FORK	ROBERTSON, NR	14.8	48	17.5	12.5
HAMS FORK	FRONTIER, NR, POLE CK, BLO	34	52	45	24
	VIVA NAUGHTON RES	42	47	61	23
YAMPA	STAGECOACH RSVR, ABV	12.8	44	24	7.6
	STEAMBOAT SPRINGS	125	45	162	88
	MAYBELL, NR	335	34	530	270
ELK	MILNER, NR	134	41	193	86
ELKHEAD CK	ELKHEAD, NR	11.5	29	16.6	8
	MAYNARD GULCH, BLO	20	34	37	14.3
FORTIFICATION CK	● FORTIFICATION, NR	2.1	28	5.3	1.2
LITTLE SNAKE	SLATER, NR	74	47	111	45
	DIXON, NR	142	43	250	36
	LILY, NR	154	42	265	44

● = 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	9.6	46	16.2	6.5
ASHLEY CK	VERNAL, NR	20	38	33	14.8
WF DUCHESNE	HANNA, NR	8.8	37	15.4	4.1
ROCK CK	UPPER STILLWATER RES	34	41	52	26
	MOUNTAIN HOME, NR	34	38	51	26
DUCHESNE	TABIONA, NR	44	42	59	29
	DUCHESNE, NR, KNIGHT DIV, ABV	70	37	113	52
	MYTON	38	15	132	24
	RANDLETT, NR	53	16	280	17
STRAWBERRY	SOLDIER SPRINGS, NR	14.3	24	25	6.7
	DUCHESNE, NR	33	27	63	25
CURRANT CK	CURRANT CK RES	5.2	21	10.7	3.8
LAKE FORK	MOON LAKE RES, MTN HOME, NR	31	46	45	25
YELLOWSTONE	ALTONAH, NR	27	44	44	20
WHITEROCKS	WHITEROCKS, NR	20	36	37	14
WHITE	MEEKER, NR	114	39	152	86
	WATSON, NR	118	39	192	73
GOOSEBERRY CK	SCOFIELD, NR	5.2	44	8	2.4
PRICE	SCOFIELD RES, SCOFIELD, NR	17.5	38	24	10.6
WHITE	BLO TABBYUNE CK, SOLDIER SUMMI	4.5	26	8	2
HUNTINGTON CK	ELECTRIC LAKE	5.6	36	8.2	3.6
	HUNTINGTON, NR	18.5	37	27	10.3
SEELEY CK	JOES VLY RES, ORANGEVILLE, NR	27	47	44	19.3
FERRON CK	FERRON, NR	18.3	47	23	14.1
SEVEN MILE CK	FISH LAKE, NR	3.2	46	5.3	2.2
MUDDY CK	EMERY, NR	8.6	43	13.8	6.4

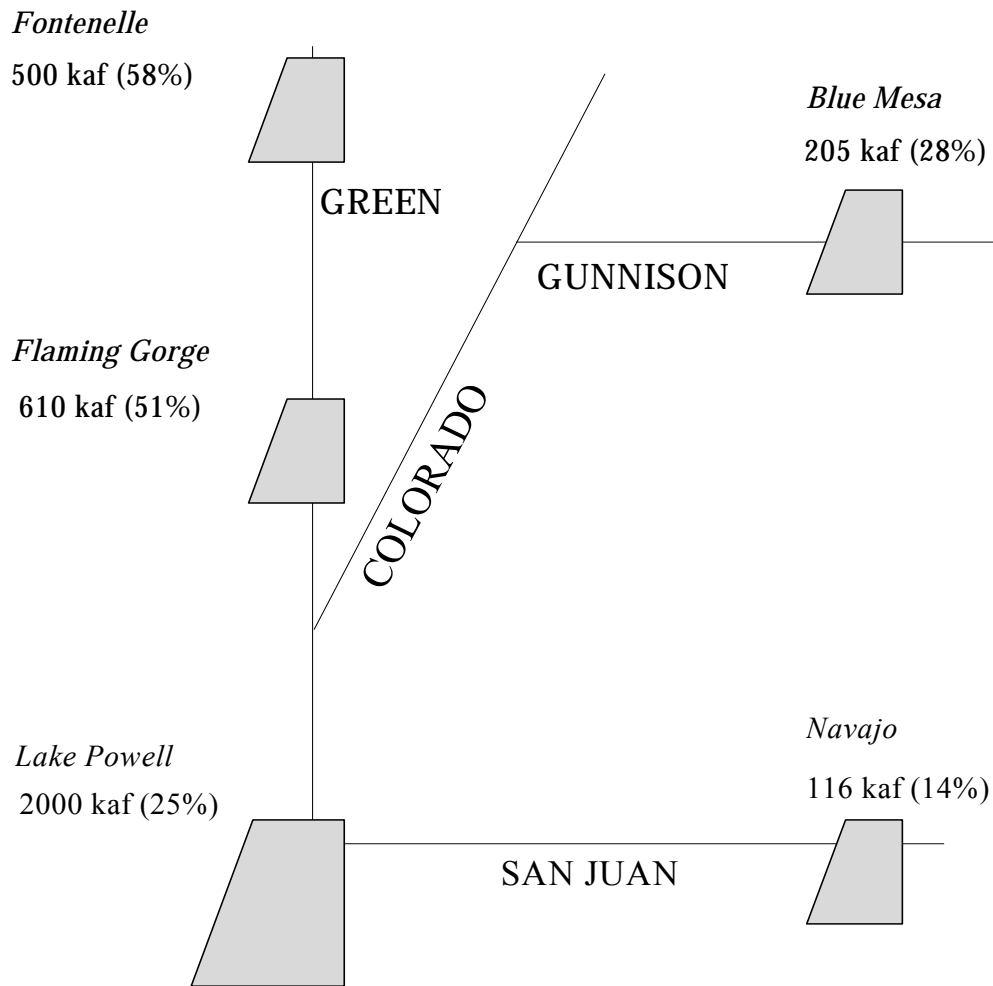
San Juan River Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SAN JUAN	PAGOSA SPRINGS	43	19	80	21
	CARRACAS, NR	84	21	150	37
	FARMINGTON	100	8	440	52
	BLUFF, NR	62	5	305	47
RIO BLANCO	PAGOSA SPRINGS, NR, BLANCO DAM	10	19	23	6.1
NAVAJO	CHROMO, NR, OSO DIV DAM, BLO	13.6	20	31	8.7
PIEDRA	ARBOLES, NR	46	20	74	25
LOS PINOS	VALLECTO RES, BAYFIELD, NR	46	22	62	42
ANIMAS	DURANGO	100	23	194	78
FLORIDA	LEMON RES, DURANGO, NR	16.4	28	27	13.3
LA PLATA	HESPERUS	3.6	14	7.2	3.1
MANCOS	MANCOS, NR	6.4	16	21	4.1
SOUTH CK	◆ LLOYD'S RSVR NR MONTICELLO, AB	0.2	15	0.67	0.1
RECAPTURE CK	◆ BLANDING, NR, JOHNSON CK, BLO	0.93	15	3.8	0.5

◆ = March - July forecast period.

FLOOD CONTROL FORECASTS

**MOST PROBABLE FORECASTS
2002 APRIL - JULY INFLOW VOLUMES
(% OF '71 - '00 AVERAGE)**

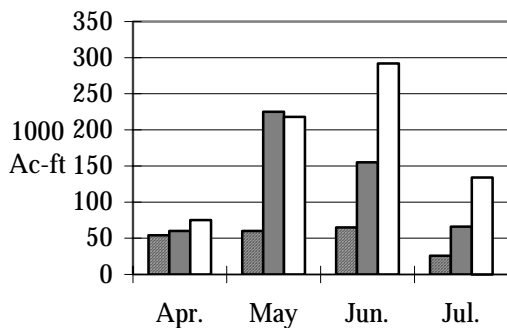


NOTE: Colorado River flood control forecasts account for a smaller set of upstream adjustments than water supply forecast points.

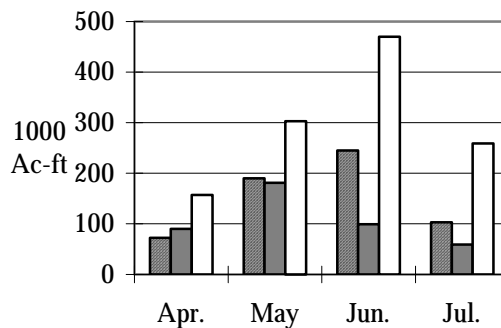
RESERVOIR MONTHLY INFLOW FORECASTS



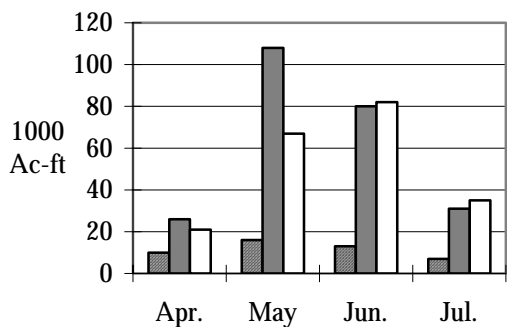
Blue Mesa Reservoir Inflow



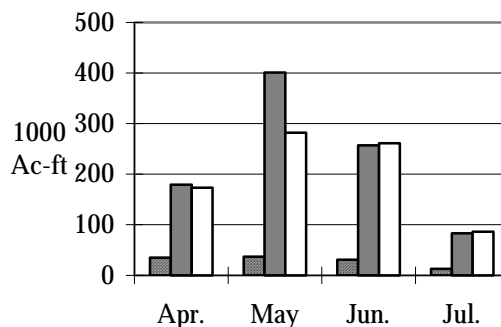
Flaming Gorge Reservoir Inflow



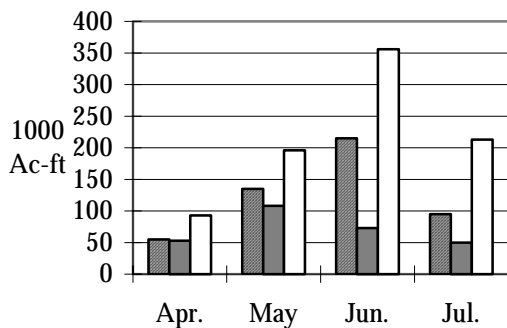
Vallecito Reservoir Inflow



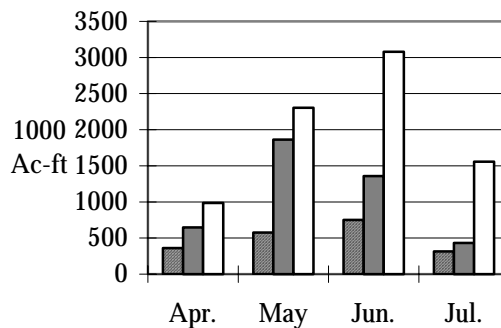
Navajo Reservoir Inflow



Fontenelle Reservoir Inflow

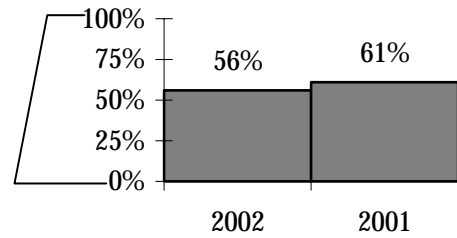
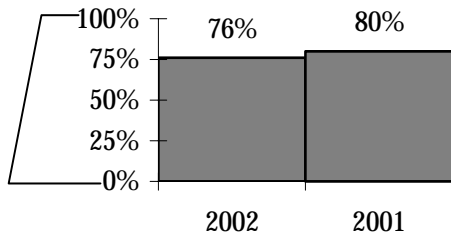


Lake Powell Inflow

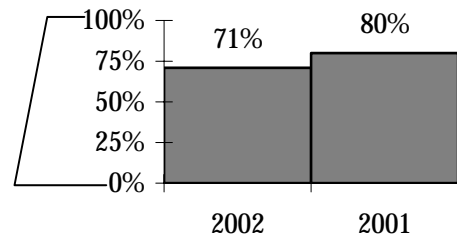
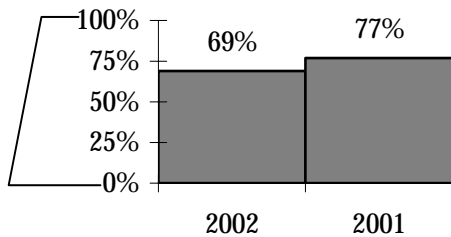


END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



Green
 Combined
 Upper Colorado, Gunnison, and Dolores
 San Juan



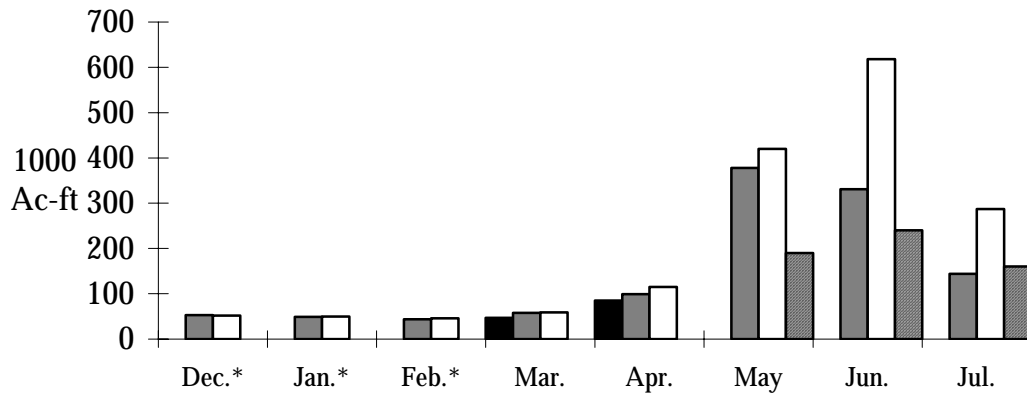
RESERVOIR (vol. in 1000 ac-ft)	Reservoir status	Usable Capacity	EOM Usable Contents	Percent Usable Capacity
Fontenelle	1,4	344.8	163	47
Flaming Gorge	1,4	3749	2820.3	75
Strawberry	1,4	1105.9	906.8	82
Starvation	1,4	165.3	163.5	99
Lake Granby	2,4	490.3	183.8	37
Dillon	2,4	254	185.8	73
Green Mountain	2,4	146.9	67.2	46
Taylor Park	2,4	106.2	66.7	63
Blue Mesa	2,4	829.5	503.4	61
Ridgway	2,4	83.2	70.5	85
McPhee	2,4	381.1	214.3	56
Vallecito	3,4	125.4	63.9	51
Navajo	3,4	1696	1227.5	72
Lake Powell	4	24322	16705	69

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

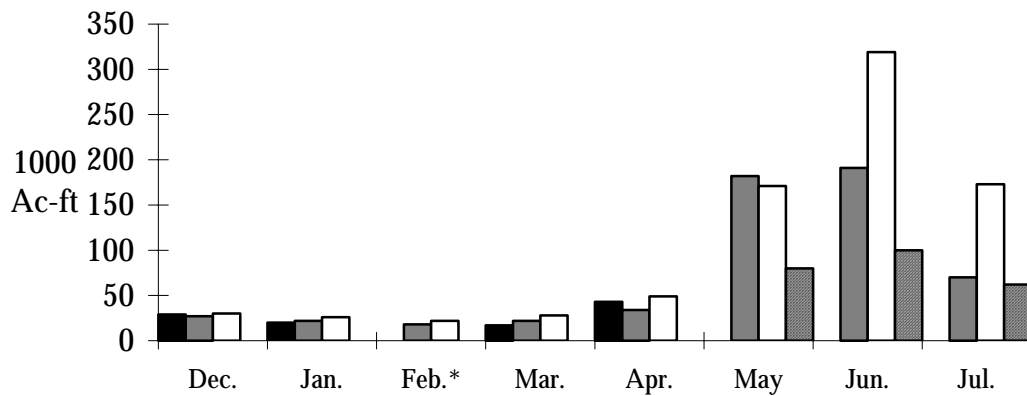
MONTHLY STREAMFLOWS



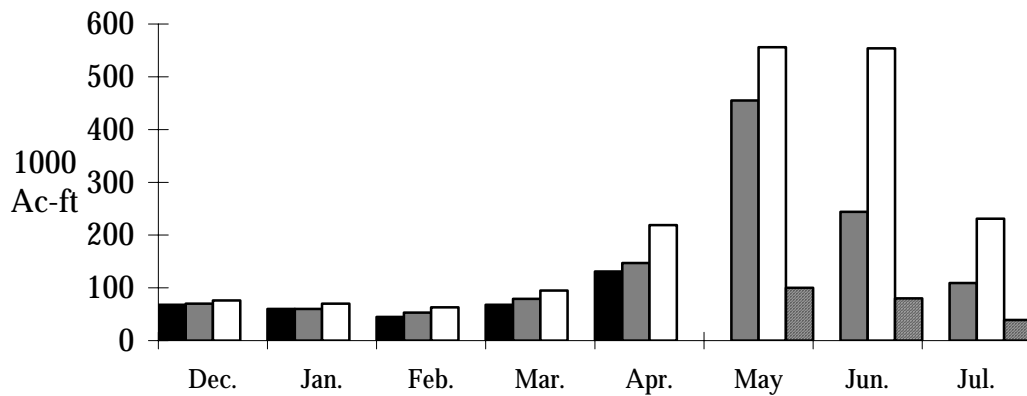
Colorado - Dotsero, nr:



Roaring Fork - Glenwood Springs:



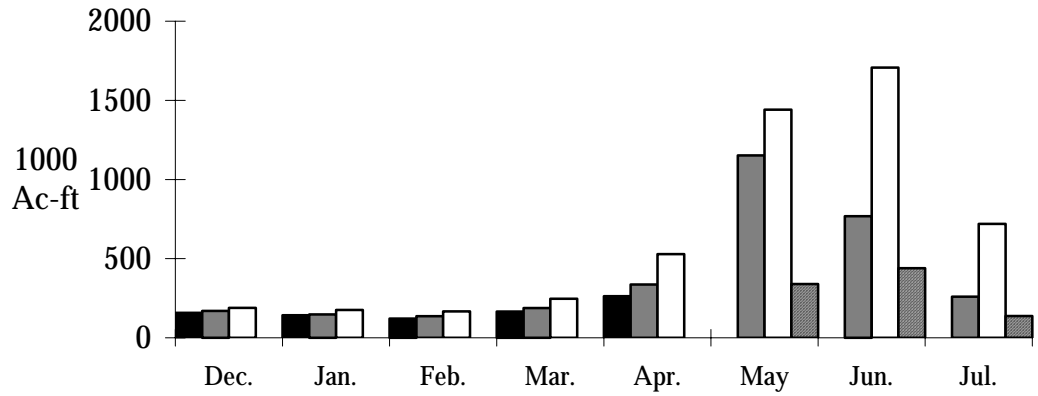
Gunnison - Grand Junction, nr:



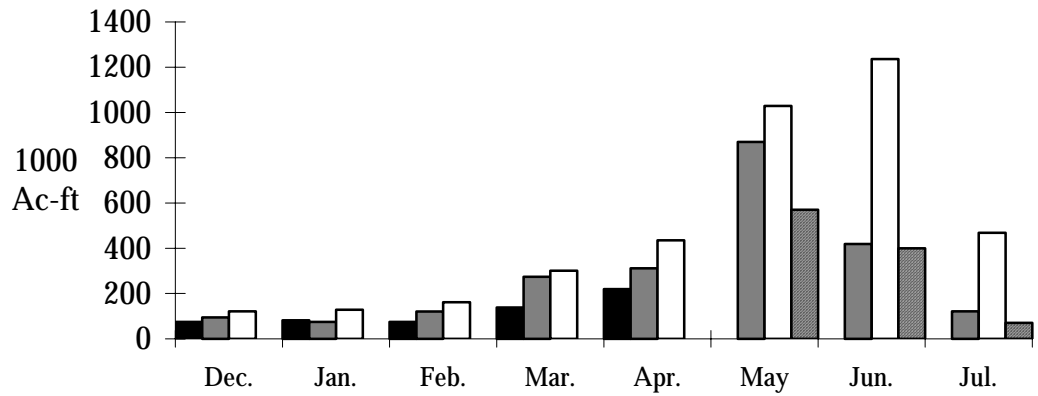
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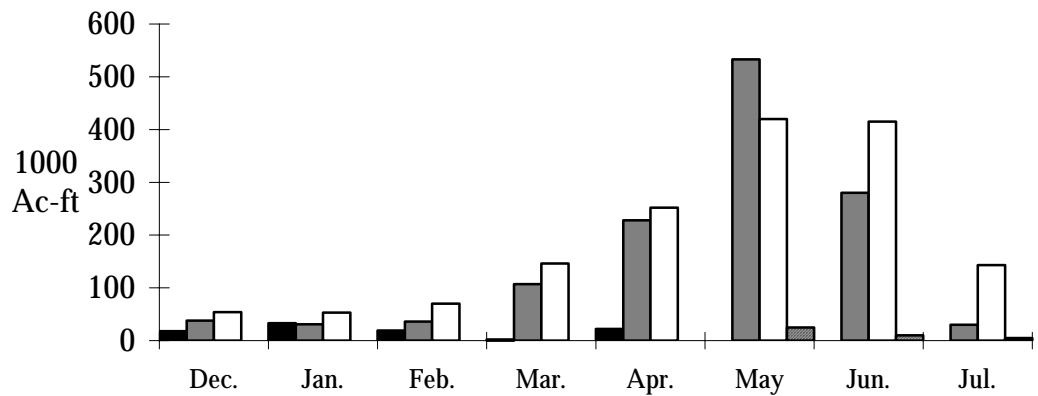
Colorado - Cisco, nr:



Green - Green River, UT:



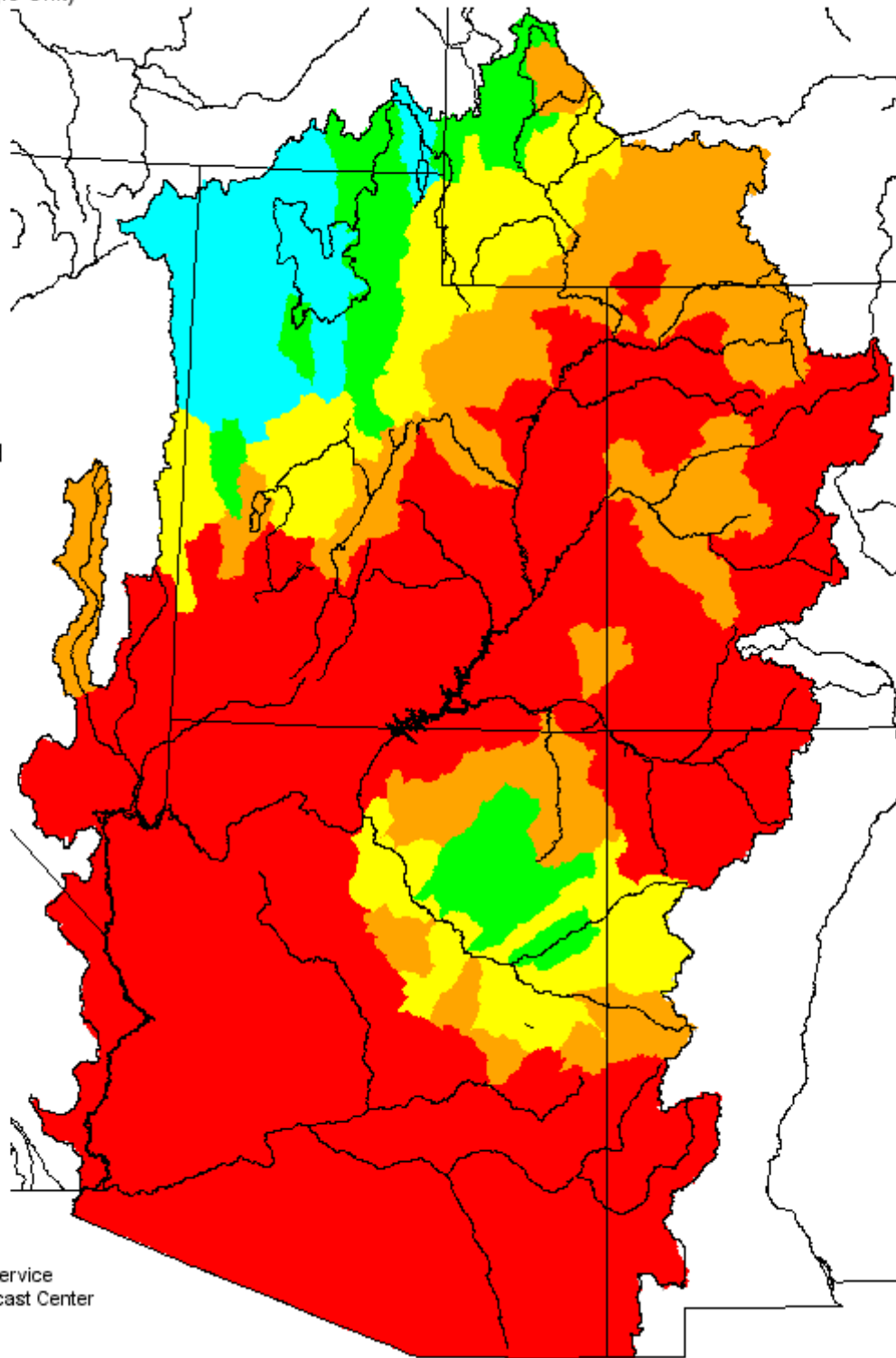
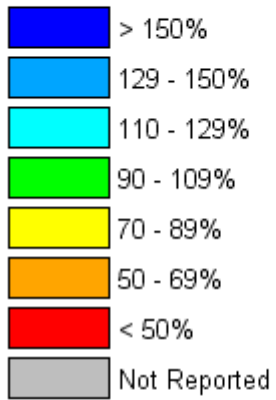
San Juan - Bluff, nr:



Monthly Precipitation for April 2002

(Averaged by Hydrologic Unit)

% Average

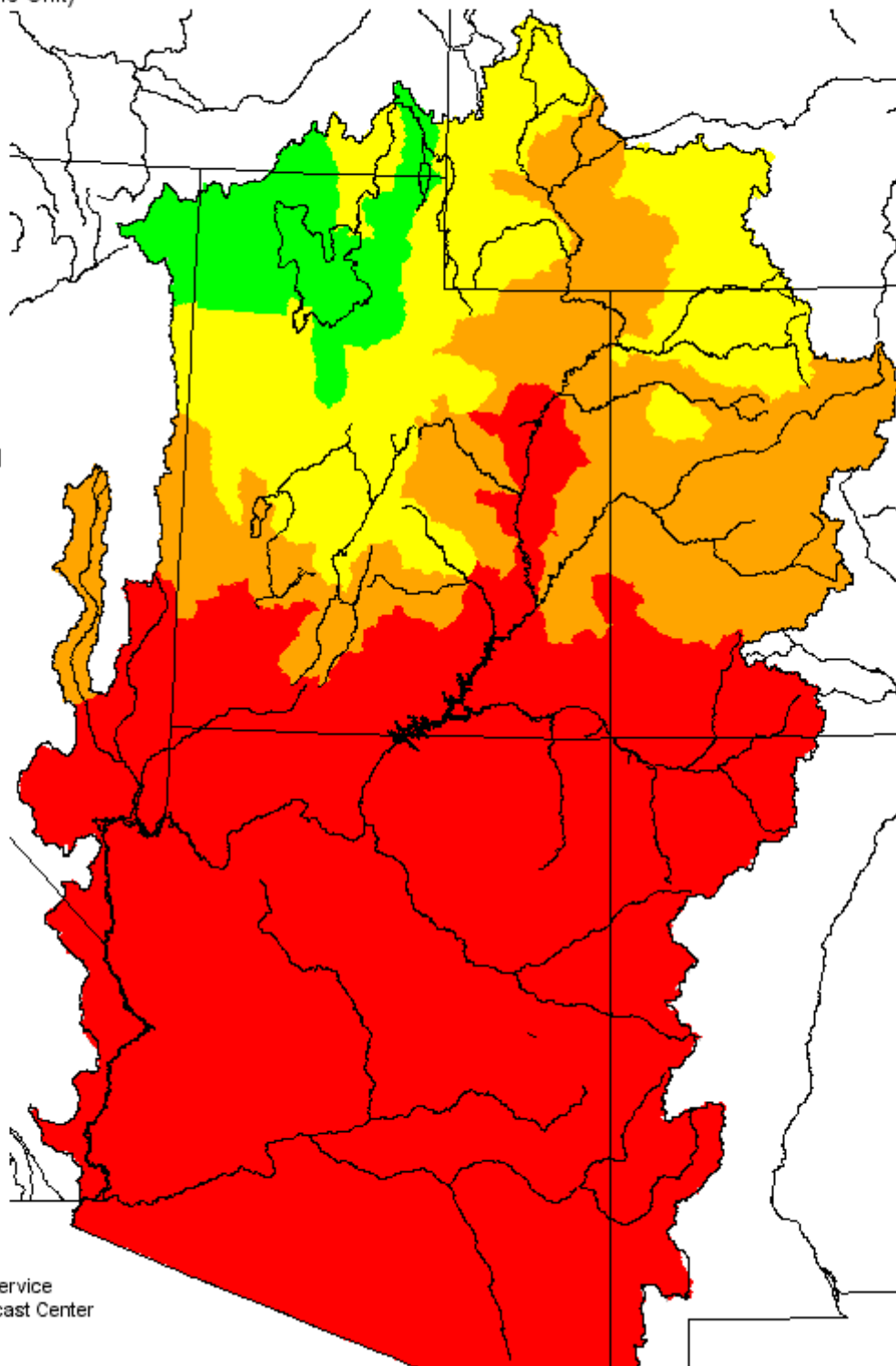
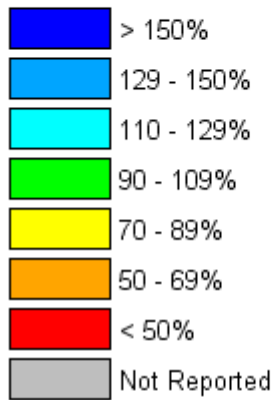


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2001 - April 2002

(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%
-----------------------------------------	---------------------------	-------------------------	-------------------------	--------------------------------------

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