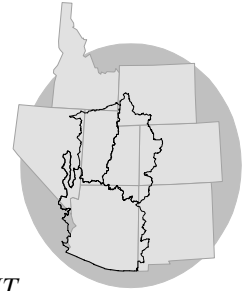


WATER SUPPLY OUTLOOK

for the UPPER COLORADO

COLORADO BASIN RIVER FORECAST CENTER

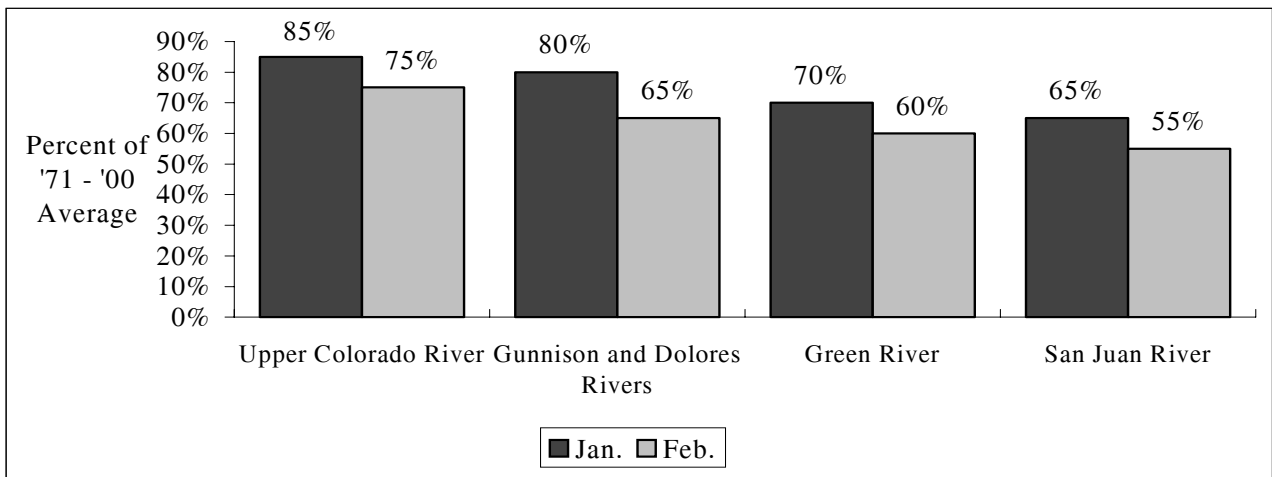
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT



FEBRUARY 1, 2003

Seasonal precipitation for the 2003 water year fell again due to much below average precipitation in January. Snowpack percents of average on February 1 fell 5% to 20% when compared to measurements taken January 1. Several forecast points changed little in the Upper Green River Basin, but most forecasts dropped between 5% and 20% from those issued January 1.

APRIL - JULY VOLUME FORECASTS

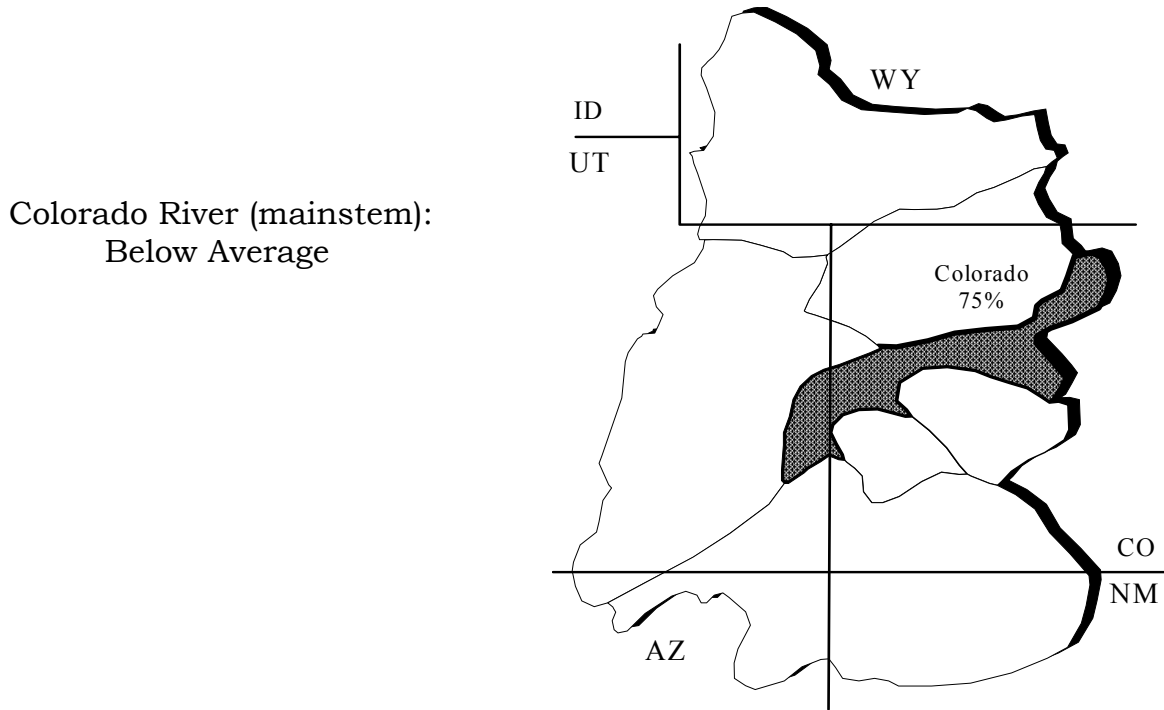


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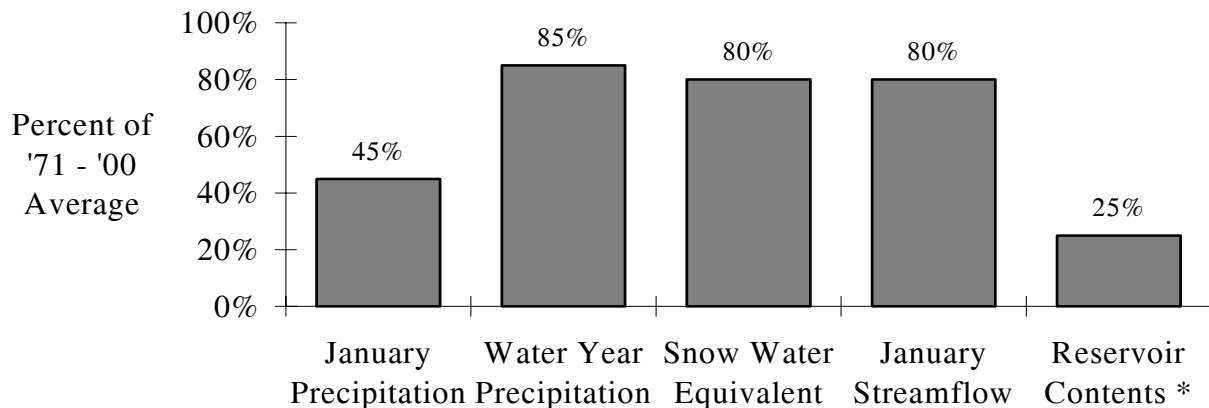
UPPER COLORADO MAINSTEM

Seasonal precipitation through February 1st in the upper mainstem of the Colorado River fell 10% to below average. Snowpack, overall, fell 15% of average. Forecasts followed suit and fell from 5% to 15% below those issued January 1.

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



BASIN CONDITIONS - FEBRUARY 1, 2003



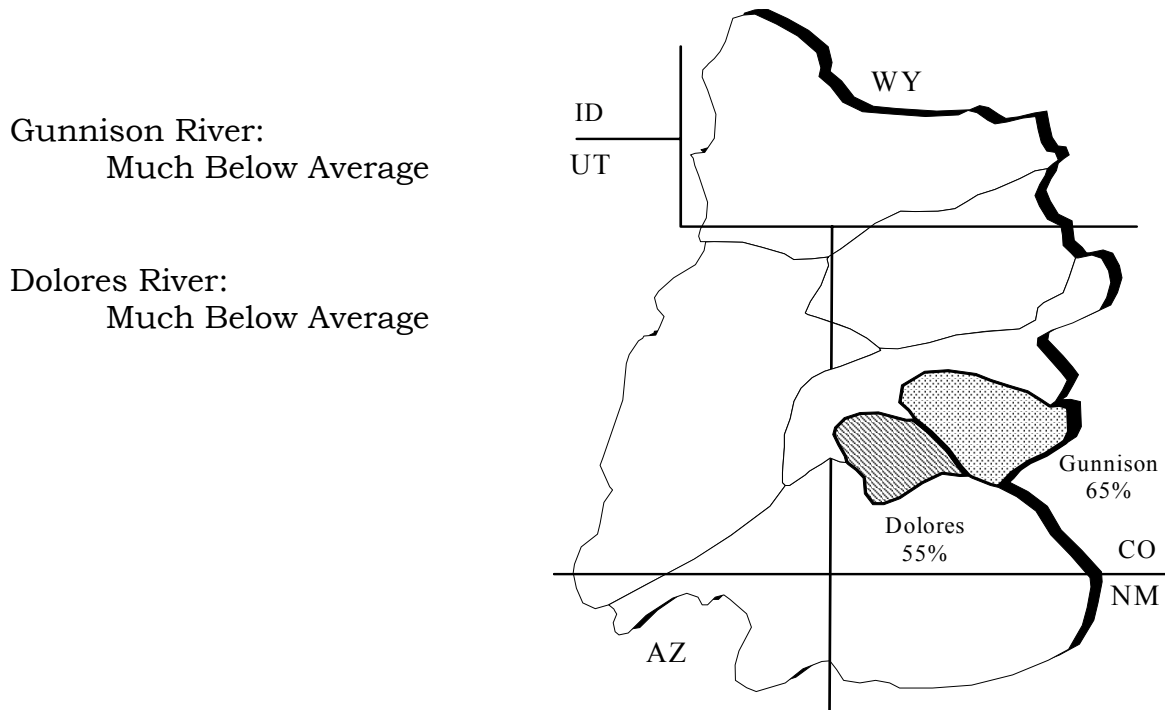
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 6.

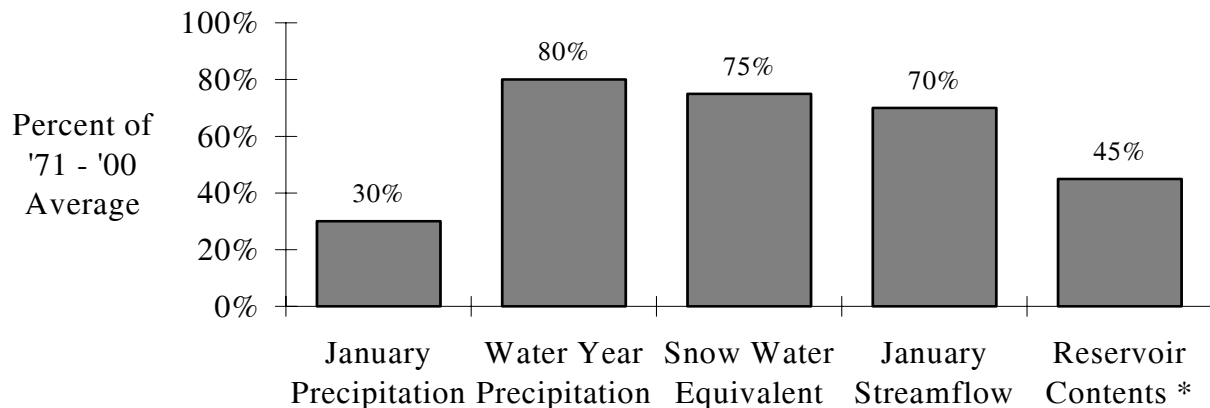
GUNNISON AND DOLORES RIVERS

Snow water equivalent in the Gunnison and Dolores river basins fell 20% of average between January 1 and February 1. The monthly precipitation for January was just 30% of average. As a result, the April-July streamflow forecasts have fallen about 15% since last month and now range between 45% and 65% of average.

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



BASIN CONDITIONS - FEBRUARY 1, 2003



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 7.

GREEN RIVER

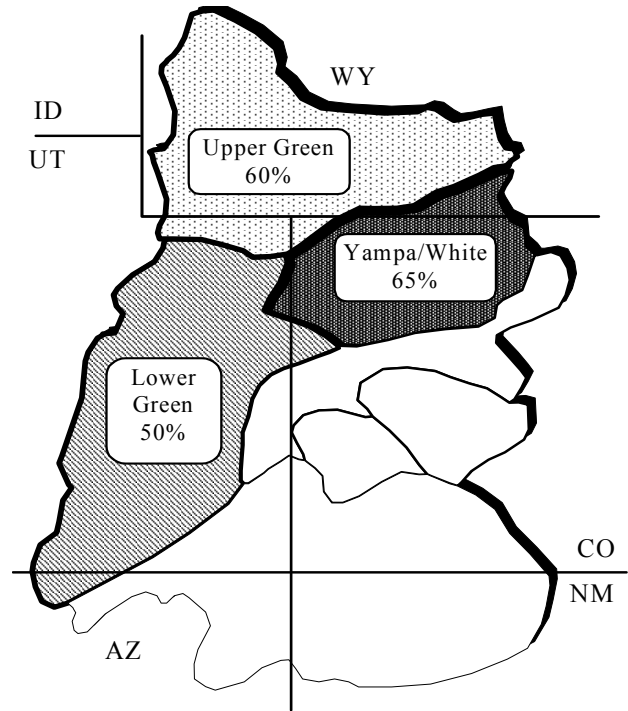
Snowpack conditions continued to fall further behind average in January with the exception of the Green River headwaters of Wyoming where a slight improvement was noted. In general, January precipitation was less than 60% of average. April-July runoff volumes are expected to range from 35% to 75% of average throughout the Green River Basin. Lowest volumes are expected in the Dushesne River Basin with highest volumes in the Upper Green River Basin.

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

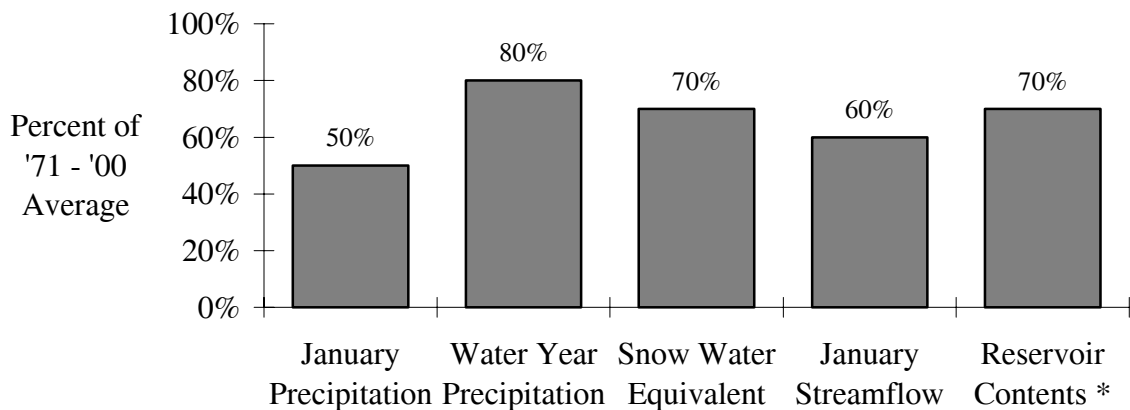
Upper Green River:
Much Below Average

Yampa/White Rivers:
Much Below Average

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



BASIN CONDITIONS - FEBRUARY 1, 2003



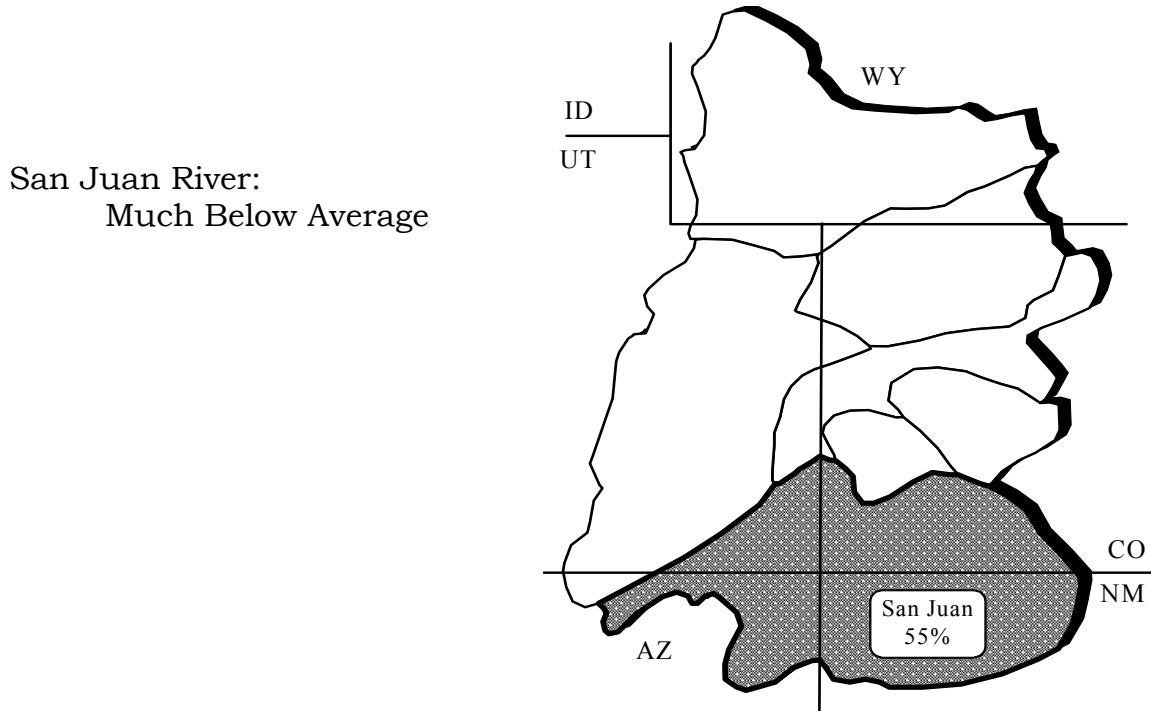
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 8.

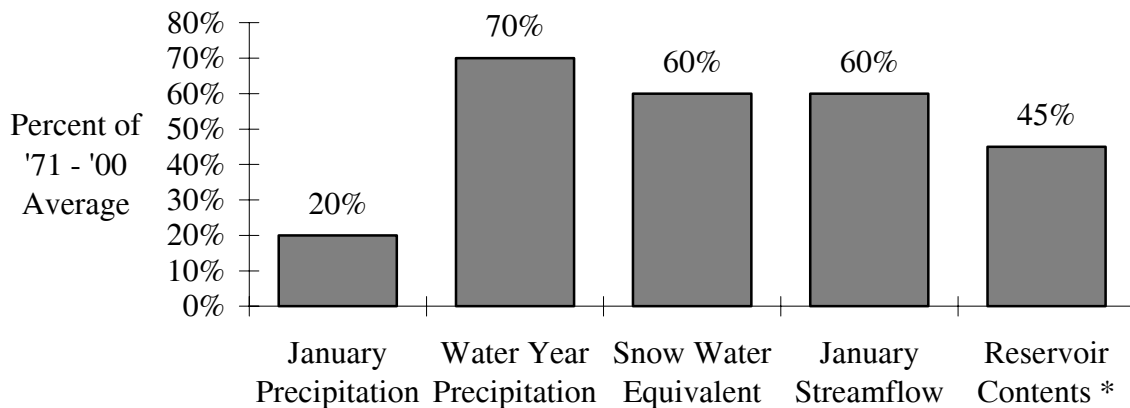
SAN JUAN RIVER

As of February 1st, the San Juan River Basin is continuing on course for a second straight dry year. Streamflows were 60% of average. Basinwide snow totals have declined to 60% of average. El Nino has not helped the precipitation or snow accumulation. January precipitation totaled 21% of average, a record low in some areas. Forecast flows for the April-July runoff range from 46% to 60% of average.

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



BASIN CONDITIONS - FEBRUARY 1, 2003



* 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	170	76	235	122
	DOTSERO, NR	1080	75	1650	505
	GLENWOOD SPRINGS, BLO	1650	76	2300	1000
	CAMEO, NR	1800	74	2680	915
	CISCO, NR	3100	67	4760	1440
WILLOW CK	WILLOW CK RES, GRANBY, NR	40	78	57	26
FRASER	WINTER PARK	15	75	21	9.3
WILLIAMS FORK	WILLIAMS FORK RES, PARSHALL, N	75	79	99	55
MUDDY CK	WOLFORD MTN RES, BLO	40	67	70	23
BLUE	DILLON RES	130	78	197	63
	GREEN MTN RES	225	80	285	172
EAGLE	GYPSUM, BLO	265	79	410	170
FRYING PAN	RUEDI RES, BASALT, NR	110	78	157	77
ROARING FORK	GLENWOOD SPRINGS	550	77	745	385
PLATEAU CK	CAMEO, NR	65	57	148	10
MILL CK	MOAB, NR, SHELEY TUN, AT	3	60	6.2	1

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	72	70	113	34
	ALMONT	110	67	166	54
EAST	ALMONT	140	73	200	80
GUNNISON	GUNNISON, NR	265	68	395	134
TOMICHI CK	GUNNISON	50	62	99	17.7
LAKE FORK	GATEVIEW	84	67	139	29
GUNNISON	MORROW POINT RES	525	67	860	195
	CRYSTAL RES	595	65	1010	220
MUDDY CK	● PAONIA RES, BARDINE, NR	65	65	133	21
NF GUNNISON	SOMERSET, NR	210	69	325	92
SURFACE CK	CEDAREEDGE	10	58	15.4	6.5
UNCOMPAHGRE	RIDGWAY RES	70	69	101	40
	COLONA	85	61	129	54
	DELTA	65	56	120	30
GUNNISON	GRAND JUNCTION, NR	950	61	1560	340
DOLORES	DOLORES	175	66	265	85
	MCPHEE RES	205	64	320	92
	CISCO, NR	250	45	580	50
SAN MIGUEL	PLACERVILLE, NR	90	68	135	45

● = 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	200	75	260	139
	GREEN RIVER, WY, NR	515	59	775	255
	GREEN RIVER, UT	1800	57	2960	640
PINE CK	FREMONT LK, ABV	80	77	98	62
NEW FORK	BIG PINEY, NR	255	65	380	131
BIG SANDY	FARSON, NR	37	64	55	18.6
BLACKS FORK	ROBERTSON, NR	55	58	85	25
EF SMITHS FORK	ROBERTSON, NR	17	55	23	12.7
HAMS FORK	FRONTIER, NR, POLE CK, BLO	37	57	60	19
	VIVA NAUGHTON RES	47	53	84	9.6
YAMPA	STAGECOACH RSVR, ABV	20	69	32	7.6
	STEAMBOAT SPRINGS	200	71	280	120
	MAYBELL, NR	650	66	980	320
ELK	MILNER, NR	215	66	320	130
ELKHEAD CK	ELKHEAD, NR	24	62	44	13.1
	MAYNARD GULCH, BLO	35	59	64	6.2
FORTIFICATION CK	● FORTIFICATION, NR	4.1	55	8.2	0.75
LITTLE SNAKE	SLATER, NR	100	63	144	64
	DIXON, NR	210	64	330	89
	LILY, NR	235	64	360	110

● = 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	13	62	20	5.8
ASHLEY CK	VERNAL, NR	33	63	61	4.9
WF DUCHESNE	HANNA, NR	13	54	22	6.5
ROCK CK	UPPER STILLWATER RES	45	55	71	18.8
	MOUNTAIN HOME, NR	49	55	72	26
DUCHESNE	TABIONA, NR	57	54	84	30
	DUCHESNE, NR, KNIGHT DIV, ABV	98	52	159	37
	MYTON	90	35	210	48
	RANDLETT, NR	114	35	365	77
STRAWBERRY	SOLDIER SPRINGS, NR	24	41	46	9.2
	DUCHESNE, NR	49	40	101	9.2
CURRENT CK	CURRENT CK RES	10.2	41	17.4	3
LAKE FORK	MOON LAKE RES, MTN HOME, NR	38	56	59	16.8
YELLOWSTONE	ALTONAH, NR	36	58	62	10.3
WHITEROCKS	WHITEROCKS, NR	35	62	68	1.7
WHITE	MEEKER, NR	190	66	275	131
	WATSON, NR	198	65	335	60
GOOSEBERRY CK	SCOFIELD, NR	7.3	61	12.4	2.2
PRICE	SCOFIELD RES, SCOFIELD, NR	30	65	44	16.1
WHITE	BLO TABBYUNE CK, SOLDIER SUMMI	9.6	55	18.7	3.5
HUNTINGTON CK	ELECTRIC LAKE	9.5	61	17.5	4.4
	HUNTINGTON, NR	30	60	47	12.8
SEELEY CK	JOES VLY RES, ORANGEVILLE, NR	34	59	59	9.3
FERRON CK	FERRON, NR	25	64	39	14.4
SEVEN MILE CK	FISH LAKE, NR	4	57	8.5	0.45
MUDDY CK	EMERY, NR	13	65	24	1.7

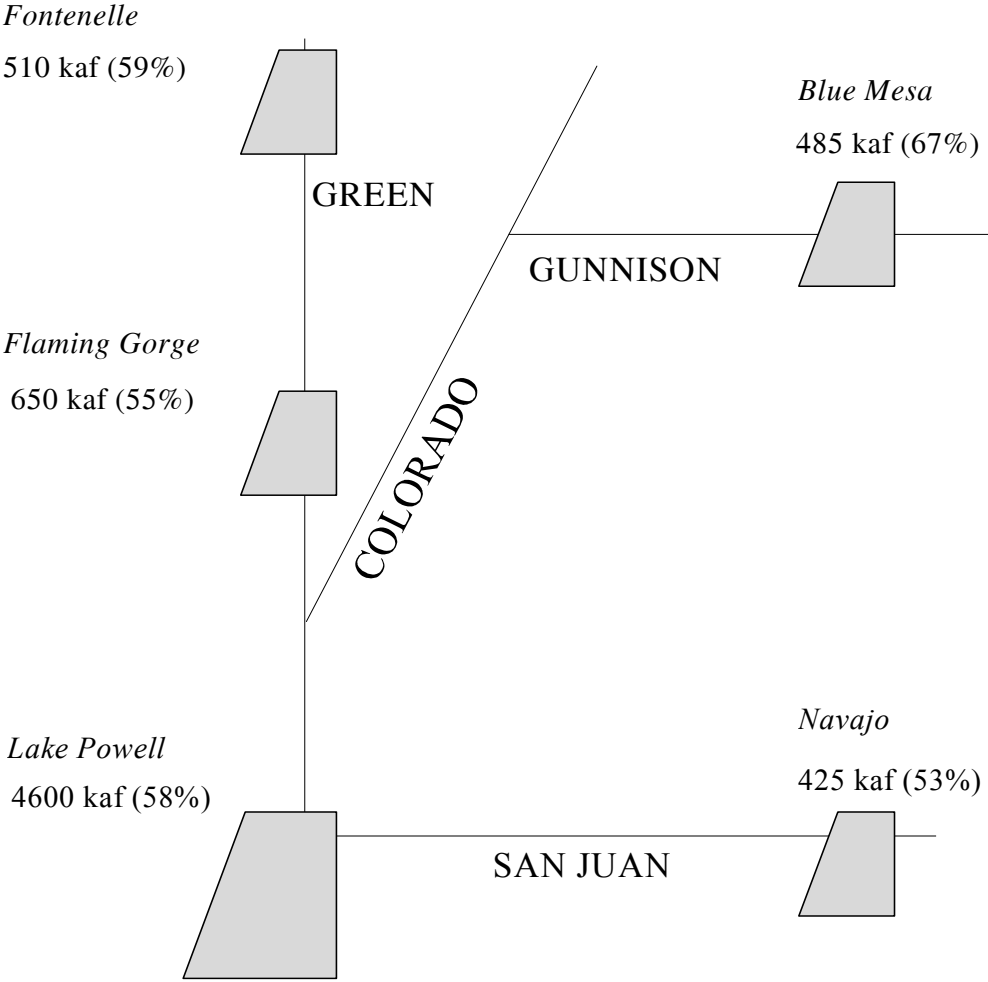
San Juan River Basin: April through July volume (kaf) forecasts (except where noted).

Stream	Station	Most Probable	Percent Avg.	Reas. Max	Reas. Min
SAN JUAN	PAGOSA SPRINGS	115	51	205	15
	CARRACAS, NR	230	57	395	57
	FARMINGTON	620	51	1130	110
	BLUFF, NR	600	49	1070	128
RIO BLANCO	PAGOSA SPRINGS, NR, BLANCO DAM	30	57	55	5
NAVAJO	CHROMO, NR, OSO DIV DAM, BLO	38	55	69	6.7
PIEDRA	ARBOLES, NR	135	59	220	49
LOS PINOS	VALLECITO RES, BAYFIELD, NR	118	58	184	52
ANIMAS	DURANGO	255	58	415	97
FLORIDA	LEMON RES, DURANGO, NR	32	55	56	8
LA PLATA	HESPERUS	15	60	26	4.2
MANCOS	MANCOS, NR	24	60	45	3.4
SOUTH CK	◆ LLOYD'S RSVR NR MONTICELLO, AB	0.68	52	1.7	0.12
RECAPTURE CK	◆ BLANDING, NR, JOHNSON CK, BLO	2.8	46	6.9	0.3

◆ = March - July forecast period.

FLOOD CONTROL FORECASTS

MOST PROBABLE FORECASTS
2003 APRIL - JULY INFLOW VOLUMES
 (% OF '71 - '00 AVERAGE)

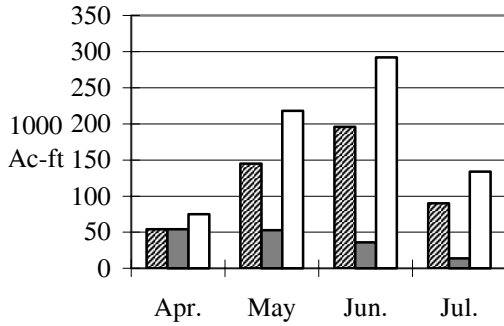


NOTE: Colorado River flood control forecasts account for a smaller set of upstream adjustments than water supply forecast points.

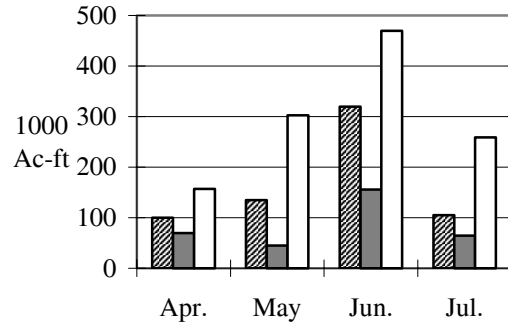
RESERVOIR MONTHLY INFLOW FORECASTS



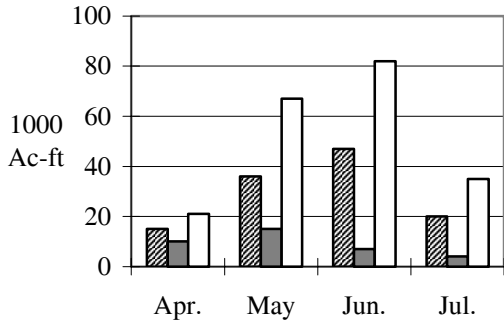
Blue Mesa Reservoir Inflow



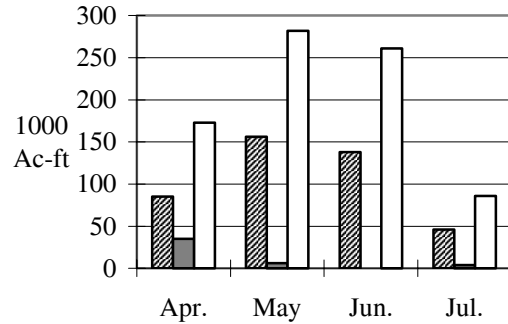
Flaming Gorge Reservoir Inflow



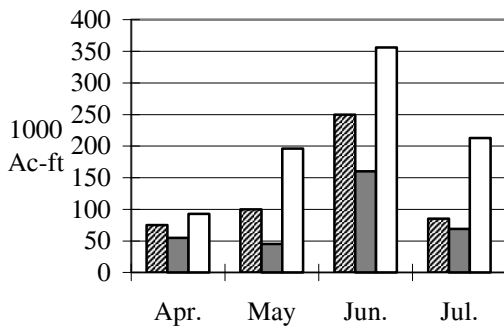
Vallecito Reservoir Inflow



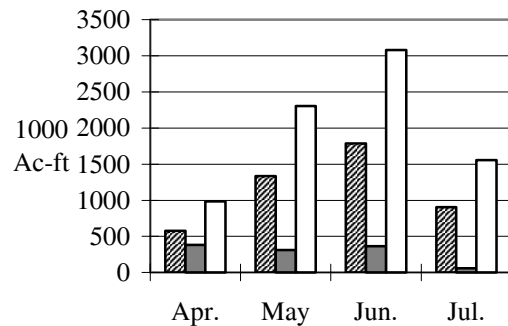
Navajo Reservoir Inflow



Fontenelle Reservoir Inflow

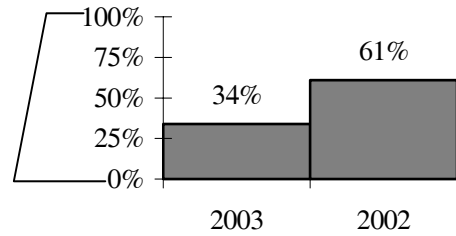
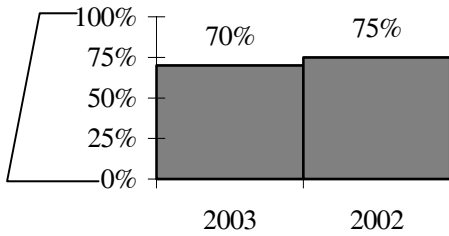


Lake Powell Inflow

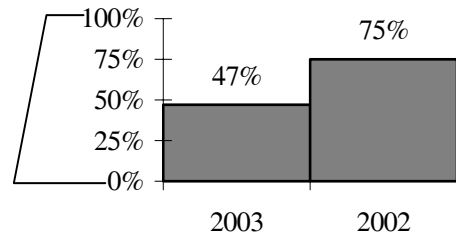
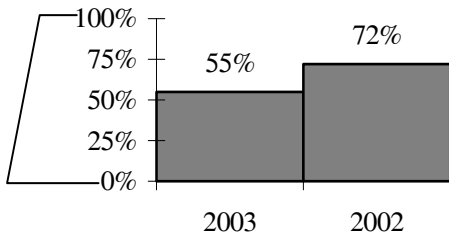


END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



Green
 Combined
 Upper Colorado, Gunnison, and Dolores
 San Juan



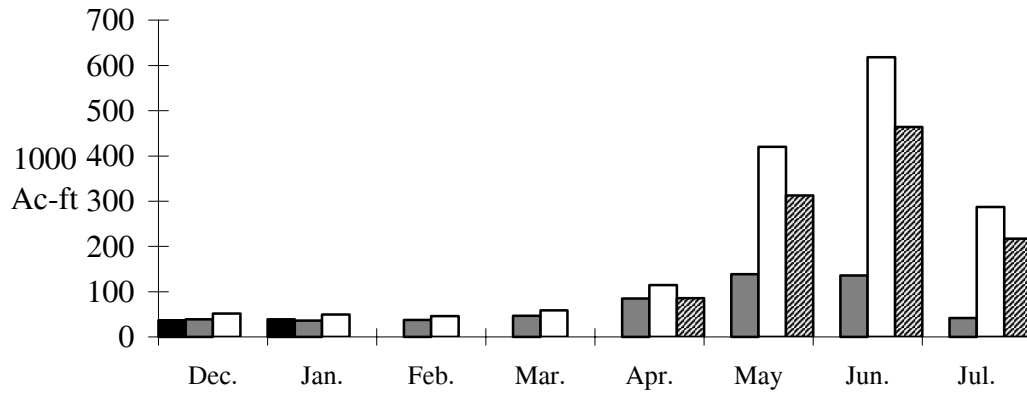
RESERVOIR (vol. in 1000 ac-ft)	Reservoir status	Usable Capacity	EOM Usable Contents	Percent Usable Capacity
Fontenelle	1,4	344.8	197.8	57
Flaming Gorge	1,4	3749	2626.6	70
Strawberry	1,4	1105.9	810.4	73
Starvation	1,4	165.3	45.2	27
Lake Granby	2,4	490.3	59.9	12
Dillon	2,4	254	132.4	52
Green Mountain	2,4	146.9	40.8	28
Taylor Park	2,4	106.2	40.2	38
Blue Mesa	2,4	829.5	290.9	35
Ridgway	2,4	83.2	61.2	74
McPhee	2,4	381.1	160.2	42
Vallecito	3,4	125.4	35.2	28
Navajo	3,4	1696	814.6	48
Lake Powell	4	24322	13269.1	55

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

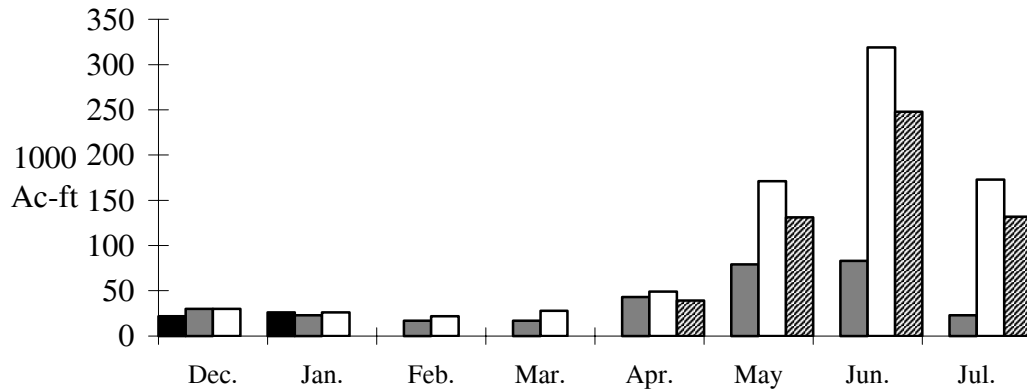
MONTHLY STREAMFLOWS



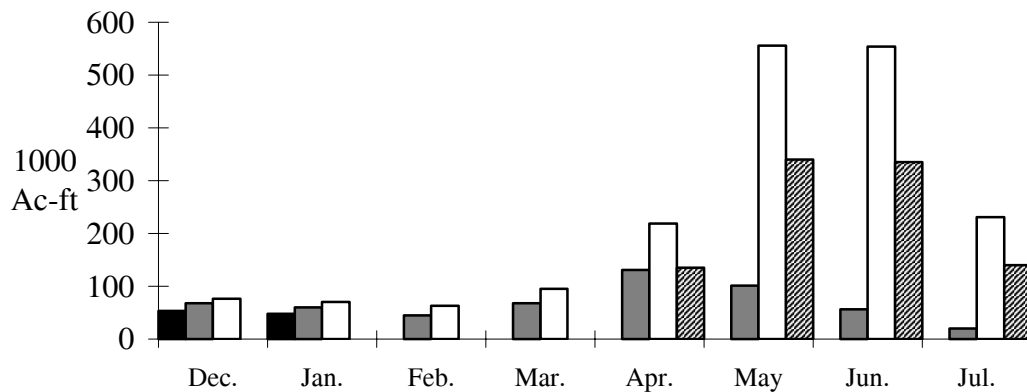
Colorado - Dotsero, nr:



Roaring Fork - Glenwood Springs:



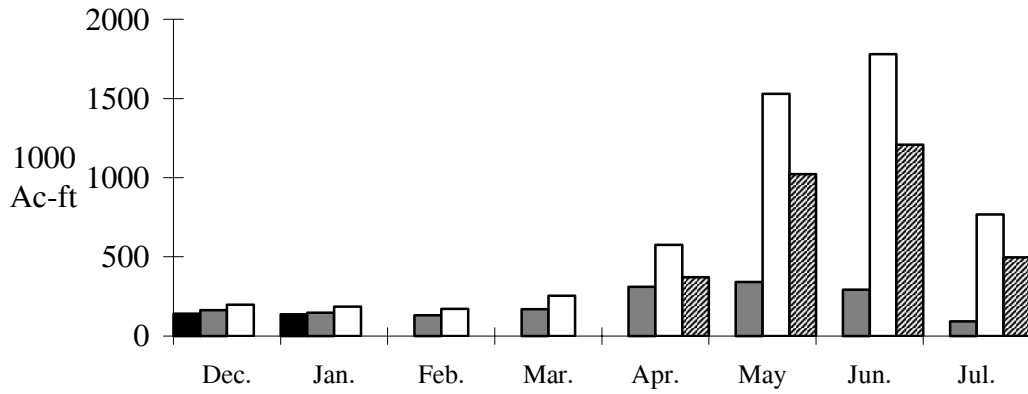
Gunnison - Grand Junction, nr:



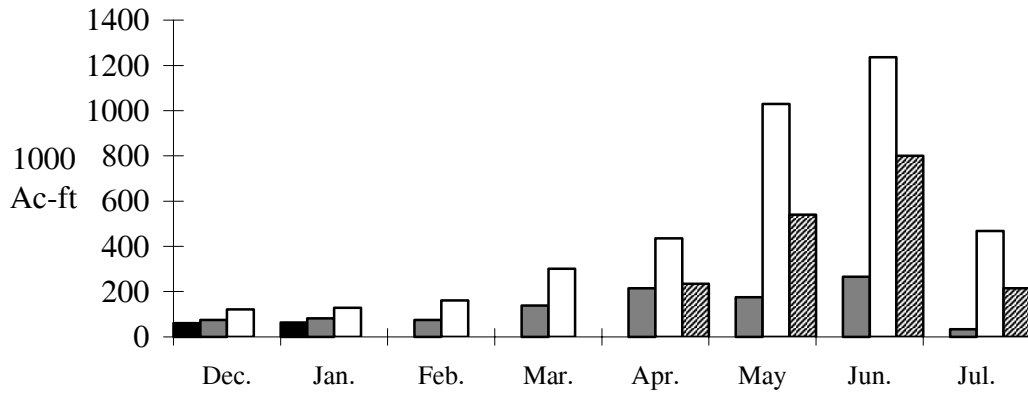
* Data Not Available



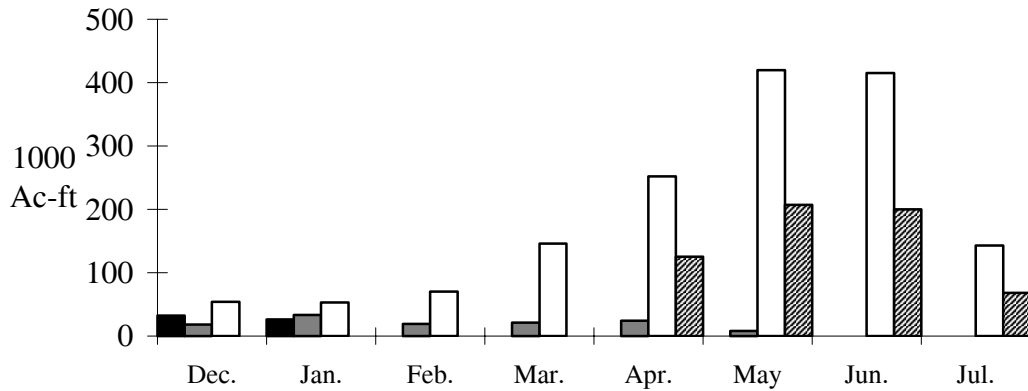
Colorado - Cisco, nr:



Green - Green River, UT:



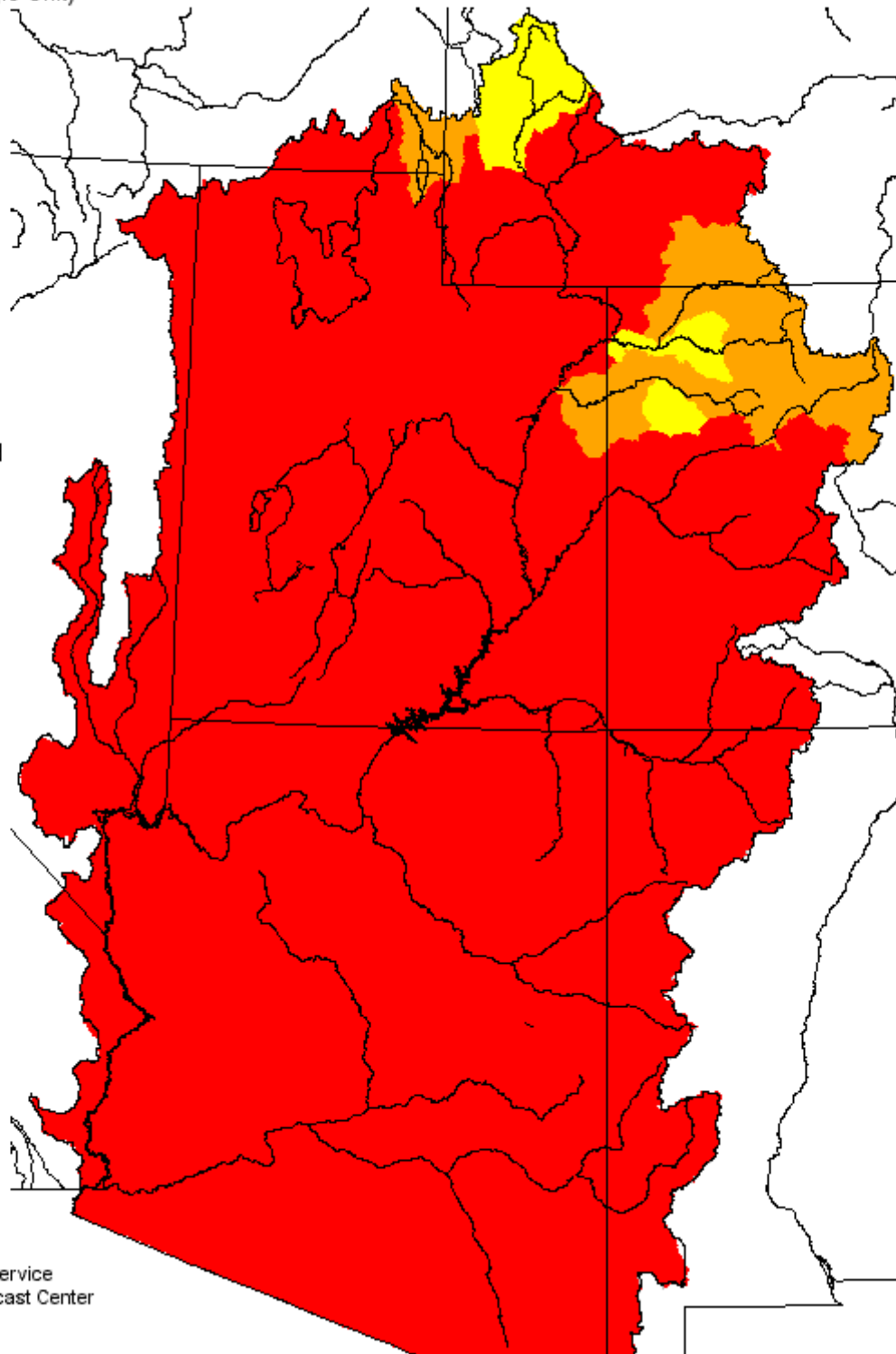
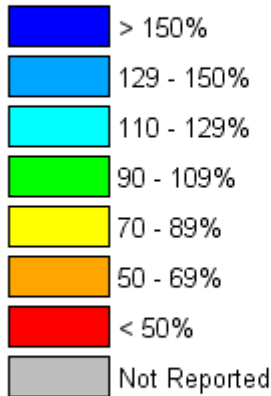
San Juan - Bluff, nr:



Monthly Precipitation for January 2003

(Averaged by Hydrologic Unit)

% Average

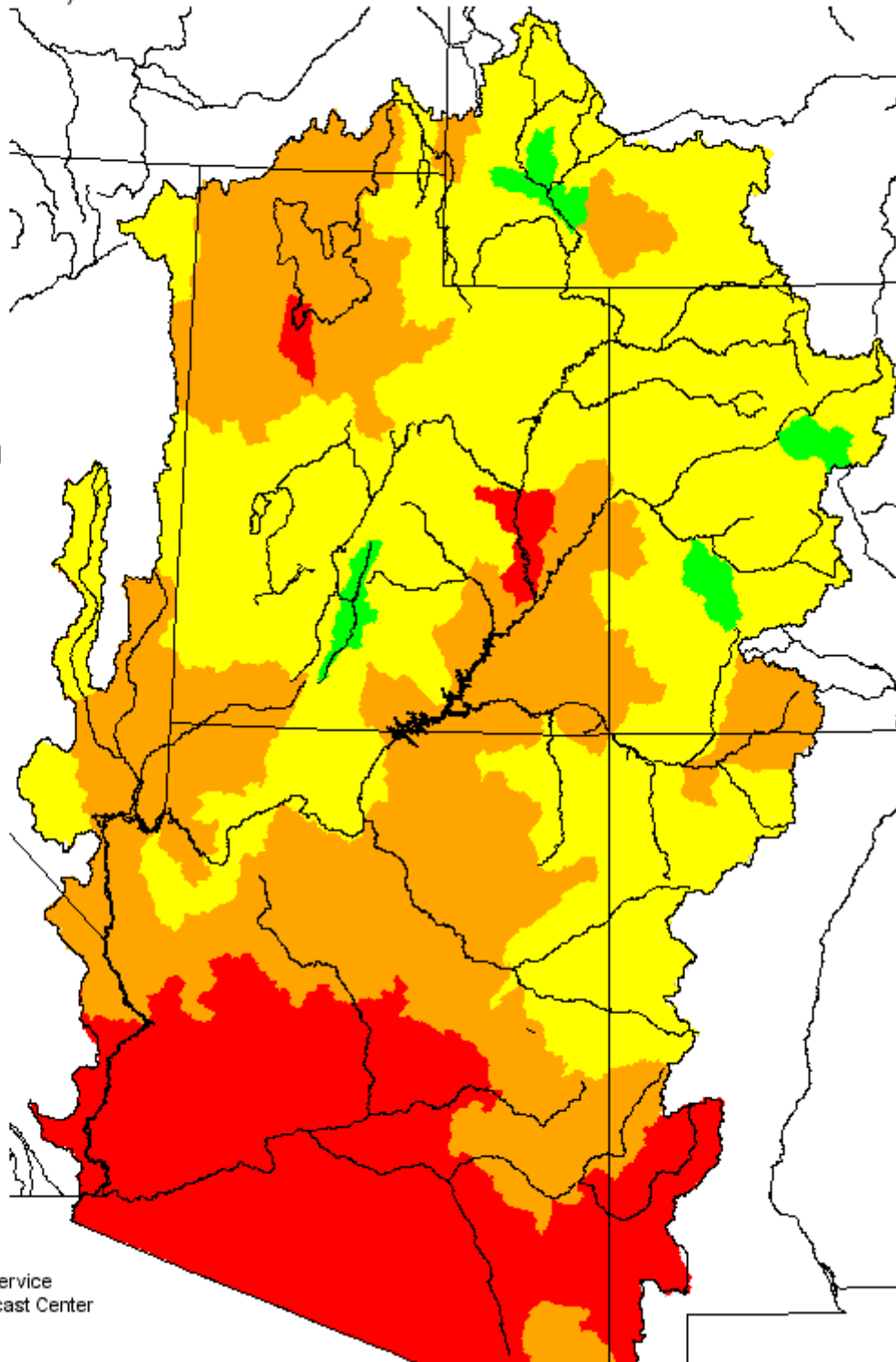
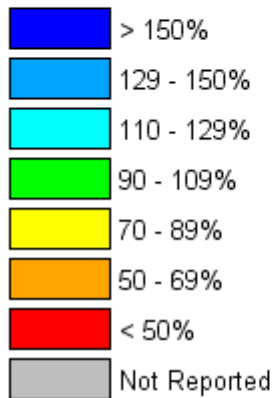


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2002 - January 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