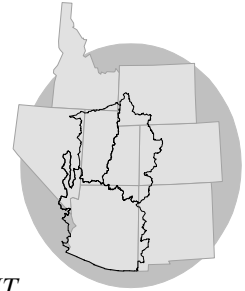


WATER SUPPLY OUTLOOK

for the UPPER COLORADO

COLORADO BASIN RIVER FORECAST CENTER

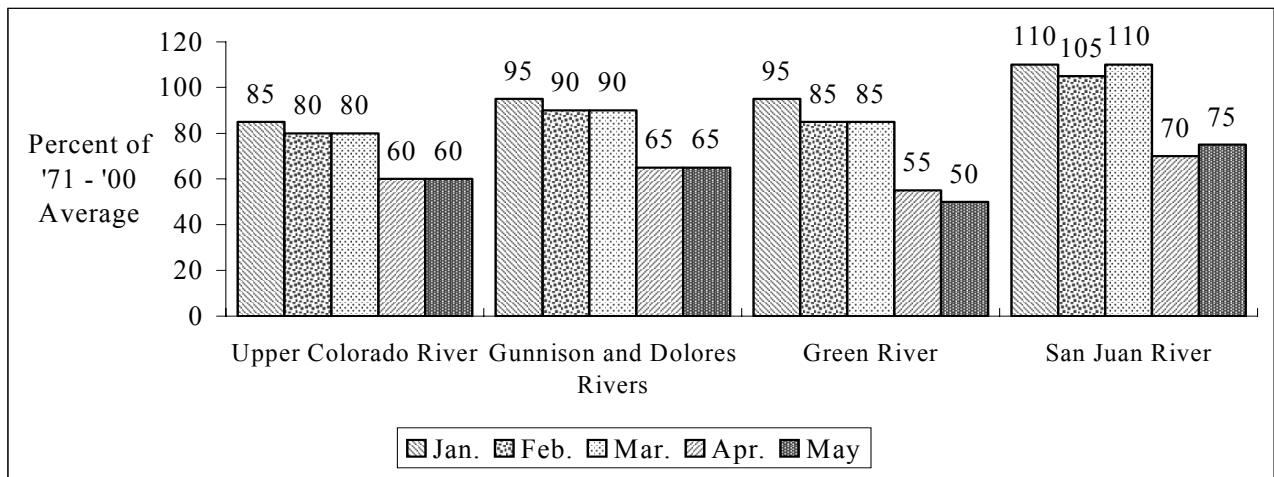
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT



MAY 1, 2004

April precipitation was above to much above average over most of the basin. Exceptions were areas of near to much below average in portions of the Upper Colorado headwaters, portions of the Yampa/White drainages and portions of the Upper Green. April-July runoff forecasts were lowered slightly over much of the Green River Basin, raised a bit in the San Juan Basin with little change over most other areas.

APRIL - JULY VOLUME FORECASTS

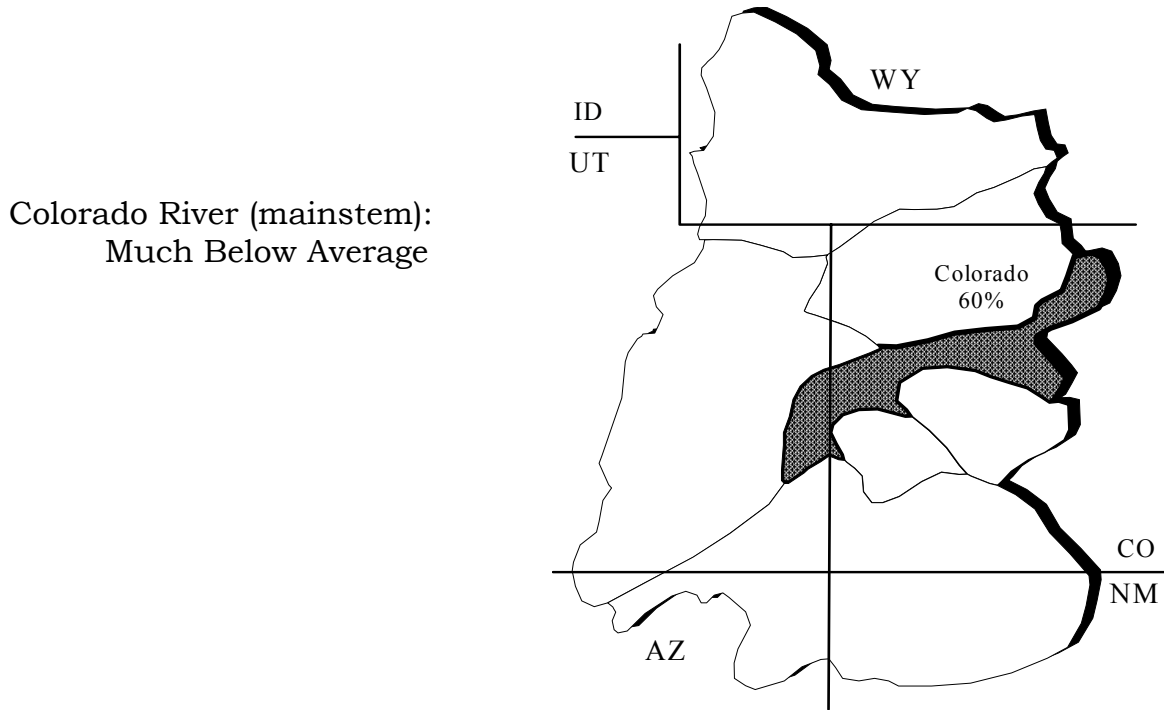


| INSIDE | |
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| Summary | 1 |
| Upper Colorado Mainstem | 2 |
| Gunnison and Dolores Rivers | 3 |
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| Specific Site Forecasts | 6 |
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| Res. Monthly Infl. Forecasts | 12 |
| EOM Reservoir Contents | 13 |
| Monthly Streamflows | 14 |
| Precipitation Maps | 16,17 |
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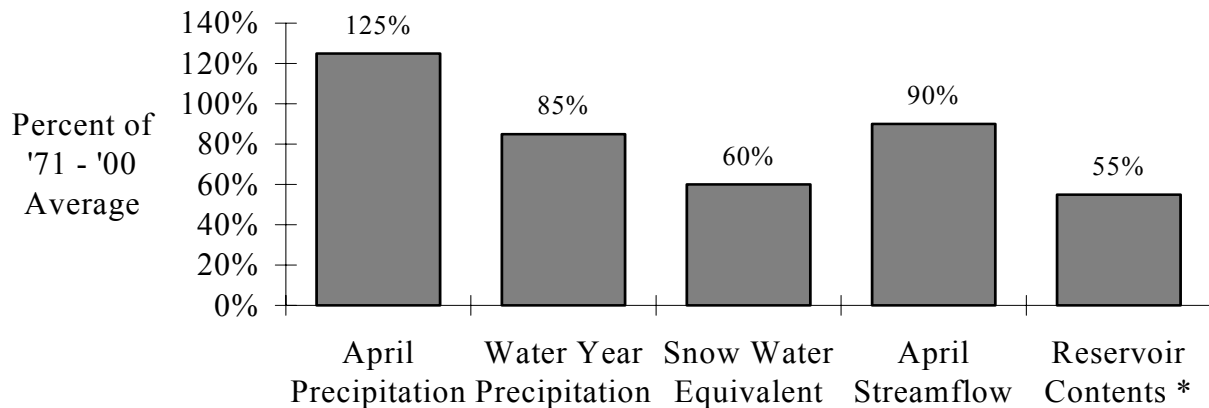
UPPER COLORADO MAINSTEM

Basin snowpack, as a percent of seasonal average, dropped just a bit during the month of April and continues much below average. While overall April precipitation was above average, sub-basins above Dotsero came in below to much below average. April-July runoff forecasts were changed little from those issued last month.

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



BASIN CONDITIONS - MAY 1, 2004



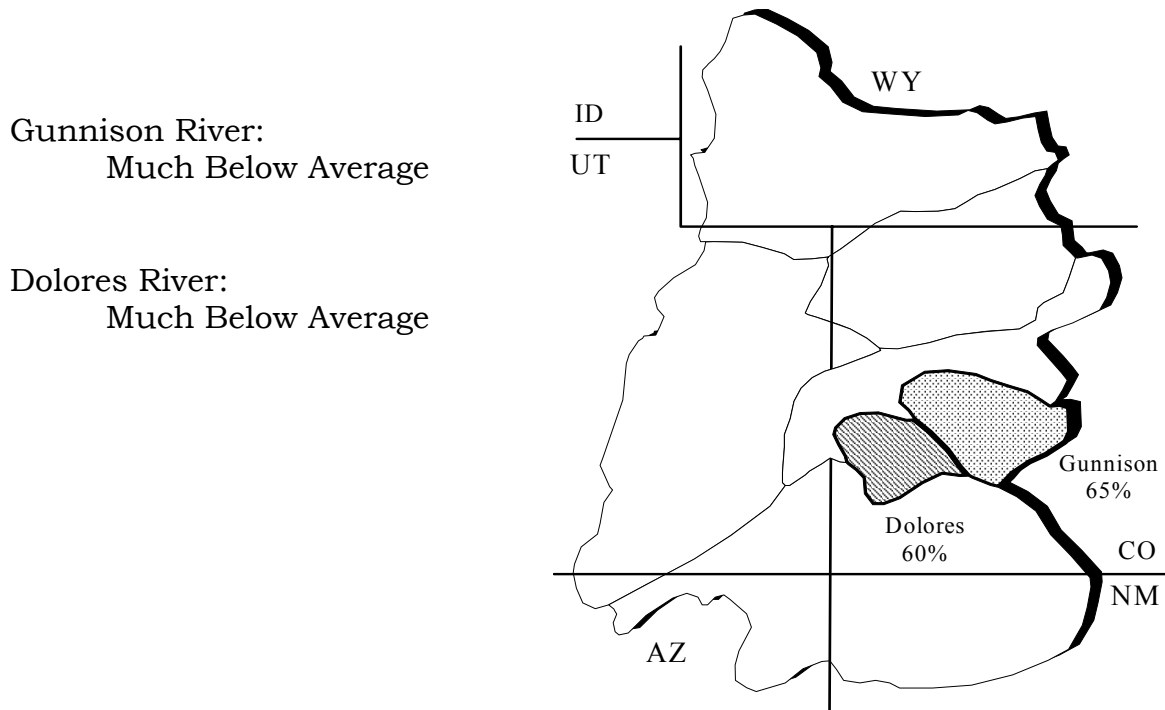
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 6.

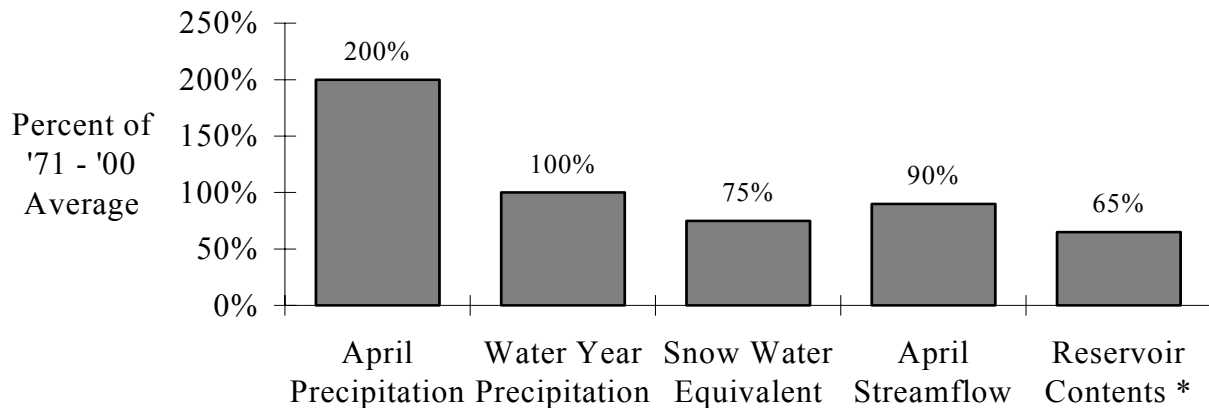
GUNNISON AND DOLORES RIVERS

While April was very wet, overall snowpack improved very little and observed runoff was below normal (80%) in the Dolores Basin and near normal (90%) in the Gunnison Basin. Therefore, forecast runoff volumes did not change much from the April 1st forecasts. The April-July volume forecasts now range between 50% and 85% of average.

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



BASIN CONDITIONS - MAY 1, 2004



* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 7.

GREEN RIVER

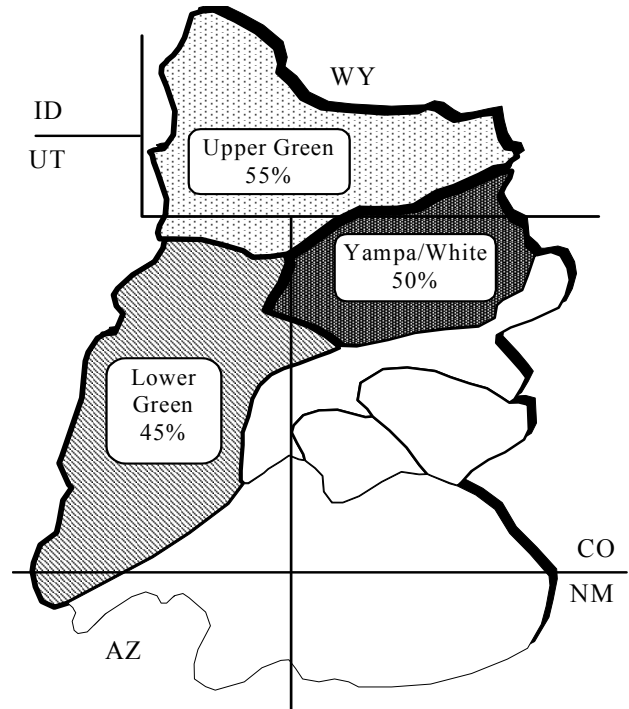
The snowpack in the Green River Basin never recovered from the early season losses experienced in March. May 1st snowpack is generally less than 50% of average and in many areas below 9000 feet it has been depleted. April-July runoff forecasts were trended downward in all areas and now range from 25% to 65% of average.

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

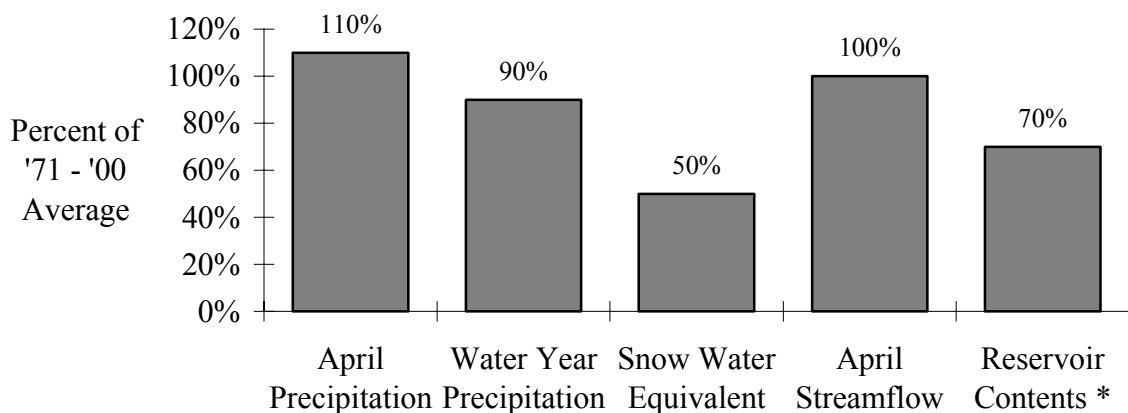
Upper Green River:
Much Below Average

Yampa/White Rivers:
Much Below Average

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



BASIN CONDITIONS - MAY 1, 2004



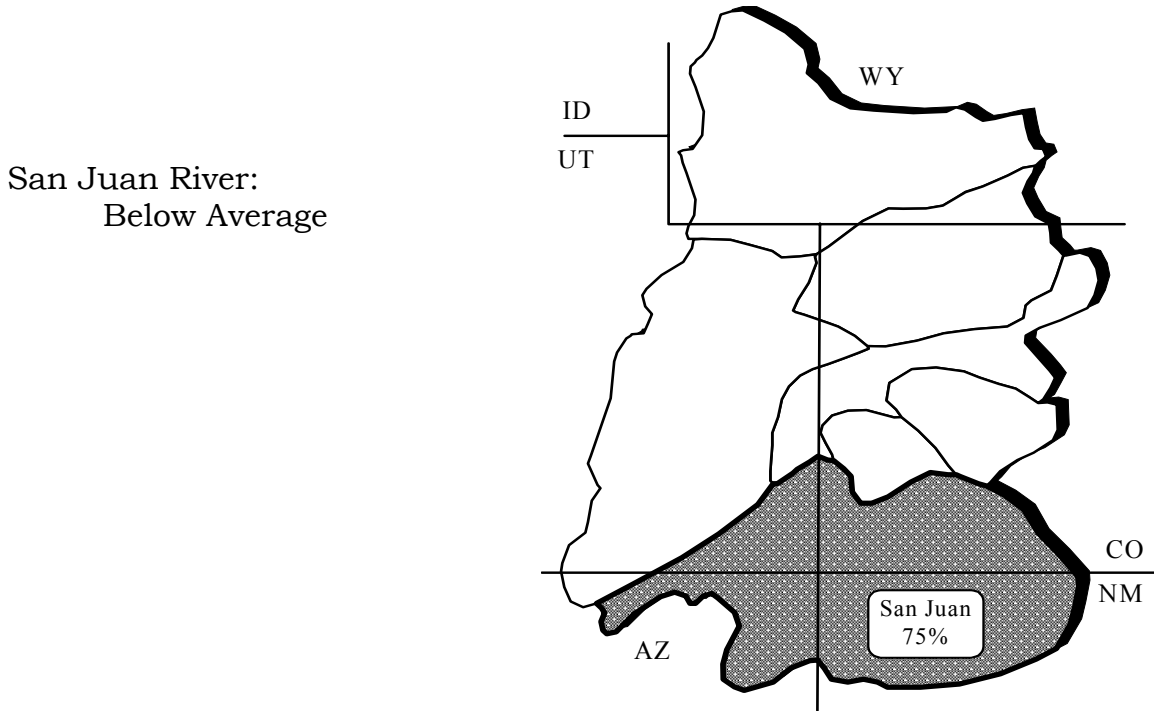
* Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 8.

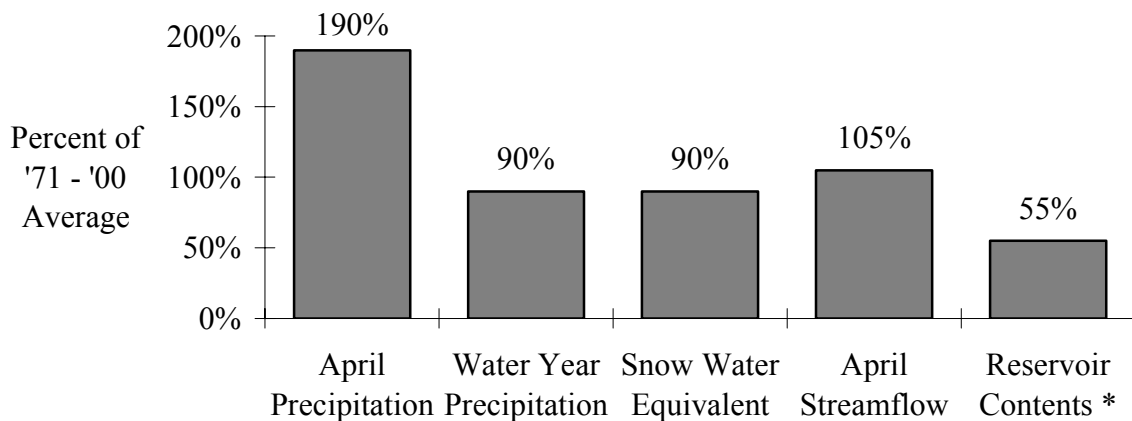
SAN JUAN RIVER

Runoff forecasts throughout the San Juan River Basin were raised slightly in response to a cool and very wet April. Basin total precipitation for April was 190% of average and snow is currently 92% of average. What remains of the snow is mostly above 10000 feet as all mid and lower elevation snow is gone. Monthly flow volumes were 105% of average. April-July runoff volumes are expected to range from 38% to 91% of average.

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



BASIN CONDITIONS - MAY 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 | 130 | 58 | 152 | 111 |
| | DOTSERO, NR | 860 | 60 | 1190 | 540 |
| | GLENWOOD SPRINGS, BLO | 1330 | 62 | 1750 | 910 |
| | CAMEO, NR | 1400 | 58 | 1940 | 865 |
| | CISCO, NR | 2600 | 56 | 3580 | 1620 |
| WILLOW CK | WILLOW CK RES, GRANBY, NR | 27 | 53 | 40 | 16.4 |
| FRASER | WINTER PARK | 13 | 65 | 17.6 | 8.4 |
| WILLIAMS FORK | WILLIAMS FORK RES, PARSHALL, N | 62 | 65 | 78 | 48 |
| MUDDY CK | WOLFORD MTN RES, BLO | 28 | 47 | 34 | 23 |
| BLUE | DILLON RES | 100 | 60 | 128 | 72 |
| | GREEN MTN RES | 180 | 64 | 215 | 147 |
| EAGLE | GYPSUM, BLO | 220 | 66 | 270 | 179 |
| FRYING PAN | RUEDI RES, BASALT, NR | 80 | 57 | 109 | 59 |
| ROARING FORK | GLENWOOD SPRINGS | 450 | 63 | 580 | 335 |
| PLATEAU CK | CAMEO, NR | 75 | 65 | 143 | 8 |
| MILL CK | MOAB, NR, SHELEY TUN, AT | 1.75 | 35 | 3.7 | 0.75 |

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 | 70 | 68 | 94 | 46 |
| | ALMONT | 107 | 65 | 147 | 67 |
| EAST | ALMONT | 130 | 68 | 165 | 95 |
| GUNNISON | GUNNISON, NR | 250 | 64 | 330 | 171 |
| TOMICHI CK | GUNNISON | 40 | 49 | 64 | 22 |
| LAKE FORK | GATEVIEW | 95 | 75 | 115 | 75 |
| GUNNISON | MORROW POINT RES | 500 | 64 | 690 | 310 |
| | CRYSTAL RES | 565 | 62 | 815 | 315 |
| MUDDY CK | ● PAONIA RES, BARDINE, NR | 60 | 60 | 76 | 46 |
| NF GUNNISON | SOMERSET, NR | 210 | 69 | 270 | 159 |
| SURFACE CK | CEDAREEDGE | 12.5 | 73 | 16.6 | 9.4 |
| UNCOMPAHGRE | RIDGWAY RES | 85 | 83 | 107 | 67 |
| | COLONA | 105 | 76 | 138 | 76 |
| | DELTA | 80 | 68 | 120 | 40 |
| GUNNISON | GRAND JUNCTION, NR | 1000 | 64 | 1350 | 655 |
| DOLORES | DOLORES | 175 | 66 | 225 | 122 |
| | MCPHEE RES | 205 | 64 | 265 | 143 |
| | CISCO, NR | 270 | 49 | 455 | 85 |
| SAN MIGUEL | PLACERVILLE, NR | 100 | 76 | 132 | 68 |

● = 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 | 160 | 60 | 196 | 123 |
| | GREEN RIVER, WY, NR | 430 | 49 | 615 | 245 |
| | GREEN RIVER, UT | 1400 | 44 | 2250 | 550 |
| PINE CK | FREMONT LK, ABV | 69 | 66 | 82 | 56 |
| NEW FORK | BIG PINEY, NR | 200 | 51 | 285 | 115 |
| BIG SANDY | FARSON, NR | 38 | 66 | 52 | 24 |
| BLACKS FORK | ROBERTSON, NR | 54 | 57 | 70 | 38 |
| EF SMITHS FORK | ROBERTSON, NR | 16.8 | 54 | 19.8 | 14.2 |
| HAMS FORK | FRONTIER, NR, POLE CK, BLO | 33 | 51 | 44 | 24 |
| | VIVA NAUGHTON RES | 40 | 45 | 59 | 21 |
| YAMPA | STAGECOACH RSVR, ABV | 13 | 45 | 25 | 4.6 |
| | STEAMBOAT SPRINGS | 155 | 55 | 194 | 118 |
| | MAYBELL, NR | 490 | 49 | 685 | 295 |
| ELK | MILNER, NR | 160 | 49 | 225 | 107 |
| ELKHEAD CK | ELKHEAD, NR | 17 | 44 | 25 | 11.8 |
| | MAYNARD GULCH, BLO | 29 | 49 | 46 | 12.3 |
| FORTIFICATION CK | ● FORTIFICATION, NR | 3 | 40 | 6.2 | 2 |
| LITTLE SNAKE | SLATER, NR | 96 | 60 | 137 | 62 |
| | DIXON, NR | 190 | 58 | 295 | 84 |
| | LILY, NR | 205 | 56 | 315 | 95 |

● = 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 | 19.9 | 6.4 |
| ASHLEY CK | VERNAL, NR | 32 | 62 | 45 | 19 |
| WF DUCHESNE | HANNA, NR | 10 | 42 | 16.9 | 4.9 |
| ROCK CK | UPPER STILLWATER RES | 48 | 59 | 66 | 30 |
| | MOUNTAIN HOME, NR | 51 | 57 | 68 | 34 |
| DUCHESNE | TABIONA, NR | 48 | 46 | 63 | 33 |
| | DUCHESNE, NR, KNIGHT DIV, ABV | 85 | 45 | 128 | 42 |
| | MYTON | 60 | 23 | 153 | 13 |
| | RANDLETT, NR | 75 | 23 | 300 | 16 |
| STRAWBERRY | SOLDIER SPRINGS, NR | 19 | 32 | 31 | 10 |
| | DUCHESNE, NR | 42 | 34 | 72 | 12 |
| CURRANT CK | CURRANT CK RES | 7.6 | 30 | 13.1 | 2.5 |
| LAKE FORK | MOON LAKE RES, MTN HOME, NR | 46 | 68 | 60 | 32 |
| YELLOWSTONE | ALTONAH, NR | 41 | 66 | 58 | 24 |
| WHITEROCKS | WHITEROCKS, NR | 36 | 64 | 53 | 19.3 |
| WHITE | MEEKER, NR | 160 | 55 | 215 | 120 |
| | WATSON, NR | 160 | 52 | 265 | 110 |
| GOOSEBERRY CK | SCOFIELD, NR | 4.8 | 40 | 7.6 | 2 |
| PRICE | SCOFIELD RES, SCOFIELD, NR | 17 | 37 | 24 | 10.2 |
| WHITE | BLO TABBYUNE CK, SOLDIER SUMMI | 5 | 29 | 8.7 | 3.5 |
| HUNTINGTON CK | ELECTRIC LAKE | 6.4 | 41 | 9.2 | 4.2 |
| | HUNTINGTON, NR | 20 | 40 | 28 | 11.8 |
| SEELEY CK | JOES VLY RES, ORANGEVILLE, NR | 30 | 52 | 47 | 13 |
| FERRON CK | FERRON, NR | 20 | 51 | 28 | 11.8 |
| SEVEN MILE CK | FISH LAKE, NR | 3.6 | 51 | 5.7 | 2 |
| MUDDY CK | EMERY, NR | 9.8 | 49 | 15 | 4.6 |

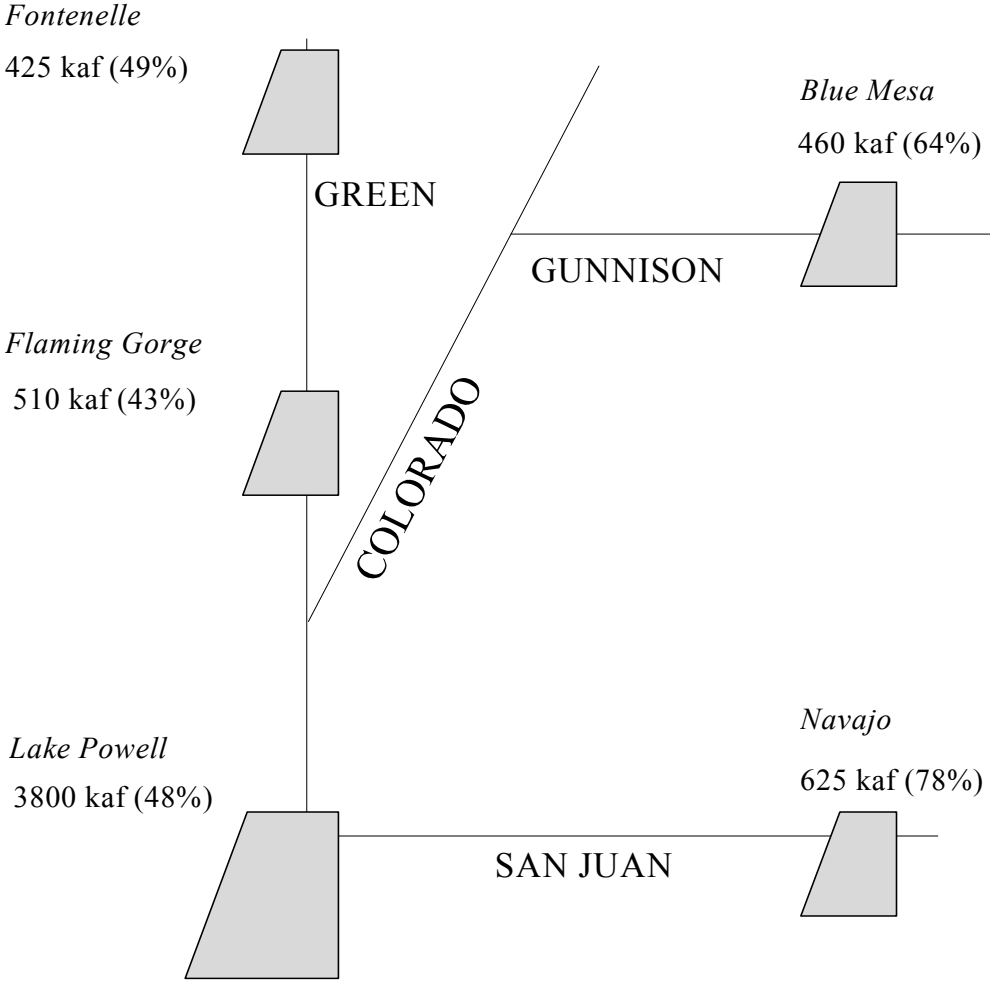
San Juan River Basin: April through July volume (kaf) forecasts (except where noted).

| Stream | Station | Most Probable | Percent Avg. | Reas. Max | Reas. Min |
|--------------|----------------------------------|------------------|-----------------|--------------|--------------|
| SAN JUAN | PAGOSA SPRINGS | 170 | 76 | 215 | 126 |
| | CARRACAS, NR | 310 | 77 | 430 | 210 |
| | FARMINGTON | 920 | 76 | 1140 | 695 |
| | BLUFF, NR | 925 | 75 | 1170 | 685 |
| RIO BLANCO | PAGOSA SPRINGS, NR, BLANCO DAM | 43 | 81 | 56 | 30 |
| NAVAJO | CHROMO, NR, OSO DIV DAM, BLO | 56 | 81 | 73 | 39 |
| PIEDRA | ARBOLES, NR | 190 | 83 | 220 | 162 |
| LOS PINOS | VALLECITO RES, BAYFIELD, NR | 170 | 83 | 235 | 103 |
| ANIMAS | DURANGO | 350 | 80 | 470 | 230 |
| FLORIDA | LEMON RES, DURANGO, NR | 53 | 91 | 64 | 42 |
| LA PLATA | HESPERUS | 18 | 72 | 22 | 14.4 |
| MANCOS | MANCOS, NR | 28 | 70 | 42 | 14 |
| SOUTH CK | ◆ LLOYD'S RSVR NR MONTICELLO, AB | 0.65 | 50 | 1.39 | 0.38 |
| RECAPTURE CK | ◆ BLANDING, NR, JOHNSON CK, BLO | 2.3 | 38 | 5.2 | 1.41 |

◆ = March - July forecast period.

FLOOD CONTROL FORECASTS

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

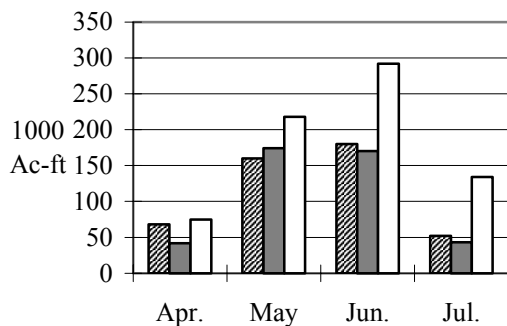


NOTE: Colorado River flood control forecasts account for a smaller set of upstream adjustments than water supply forecast points.

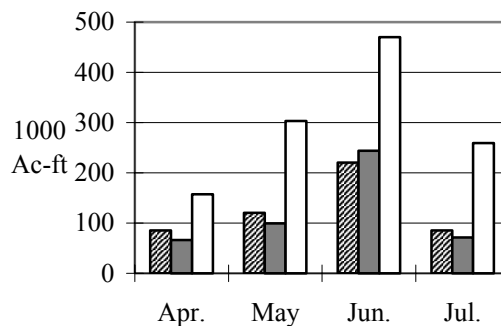
RESERVOIR MONTHLY INFLOW FORECASTS



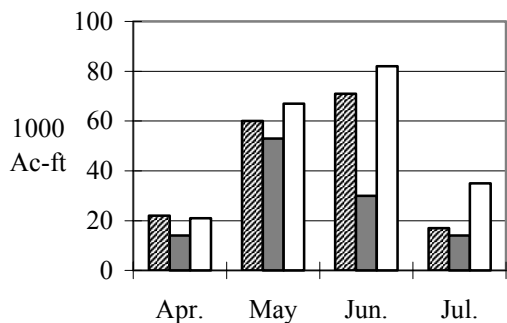
Blue Mesa Reservoir Inflow



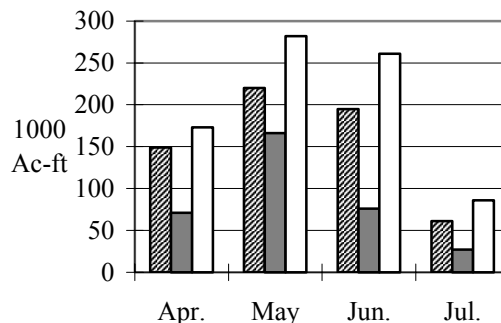
Flaming Gorge Reservoir Inflow



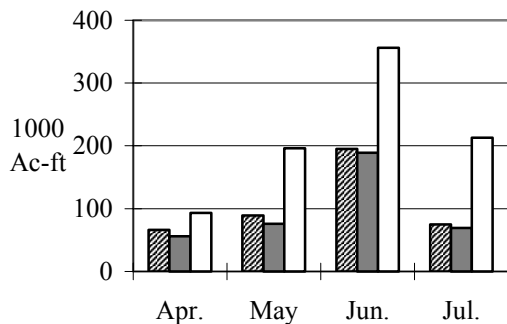
Vallecito Reservoir Inflow



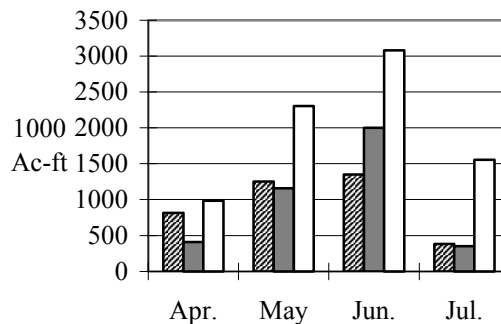
Navajo Reservoir Inflow



Fontenelle Reservoir Inflow

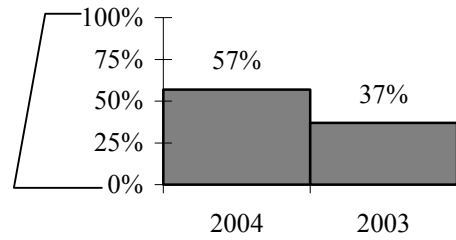
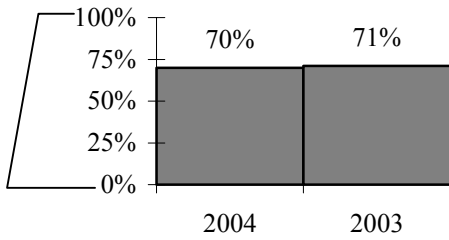


Lake Powell Inflow

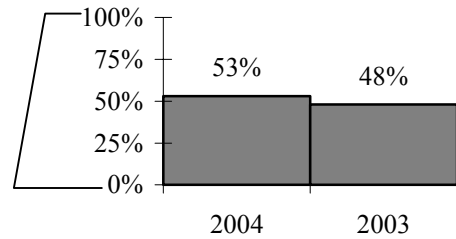
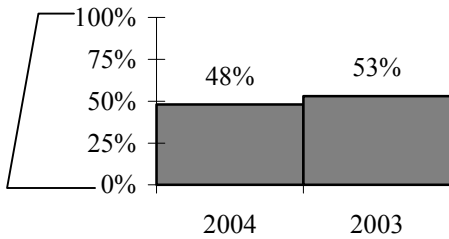


END OF MONTH RESERVOIR CONTENTS

Percent of Usable Capacity



Green
 Combined
 Upper Colorado, Gunnison, and Dolores
 San Juan



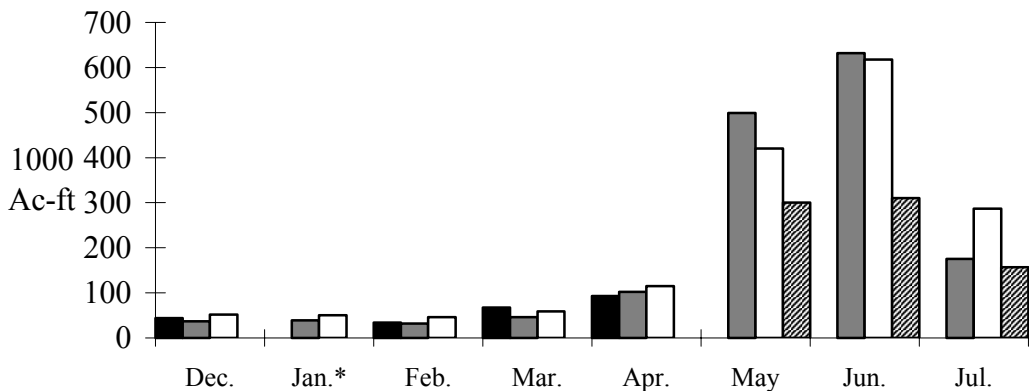
| RESERVOIR (vol. in 1000 ac-ft) | Reservoir status | Usable Capacity | EOM Usable Contents | Percent Usable Capacity |
|-----------------------------------|---------------------|--------------------|------------------------|----------------------------|
| Fontenelle | 1,4 | 344.8 | 187.1 | 54 |
| Flaming Gorge | 1,4 | 3749 | 2638.3 | 70 |
| Strawberry | 1,4 | 1105.9 | 787.7 | 71 |
| Starvation | 1,4 | 165.3 | 157.6 | 95 |
| Lake Granby | 2,4 | 490.3 | 187.8 | 38 |
| Dillon | 2,4 | 254 | 209.5 | 82 |
| Green Mountain | 2,4 | 146.9 | 75.8 | 52 |
| Taylor Park | 2,4 | 106.2 | 77.8 | 73 |
| Blue Mesa | 2,4 | 829.5 | 453.9 | 55 |
| Ridgway | 2,4 | 83.2 | 71 | 85 |
| McPhee | 2,4 | 381.1 | 229.4 | 60 |
| Vallecito | 3,4 | 125.4 | 89.7 | 72 |
| Navajo | 3,4 | 1696 | 869.1 | 51 |
| Lake Powell | 4 | 24322 | 10192.6 | 42 |

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

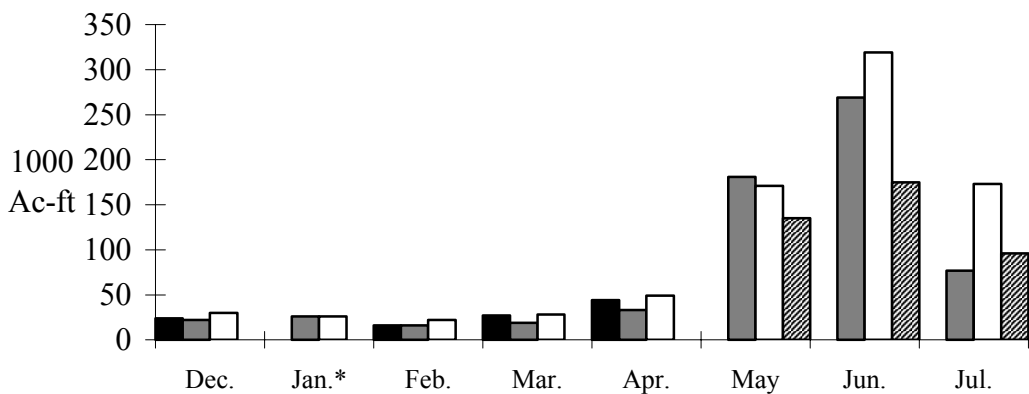
MONTHLY STREAMFLOWS



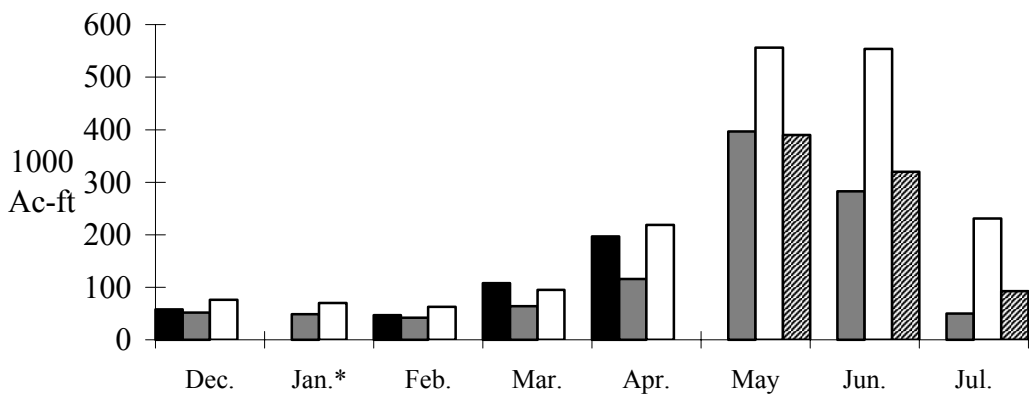
Colorado - Dotsero, nr:



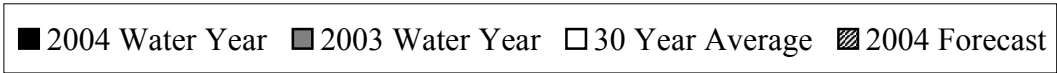
Roaring Fork - Glenwood Springs:



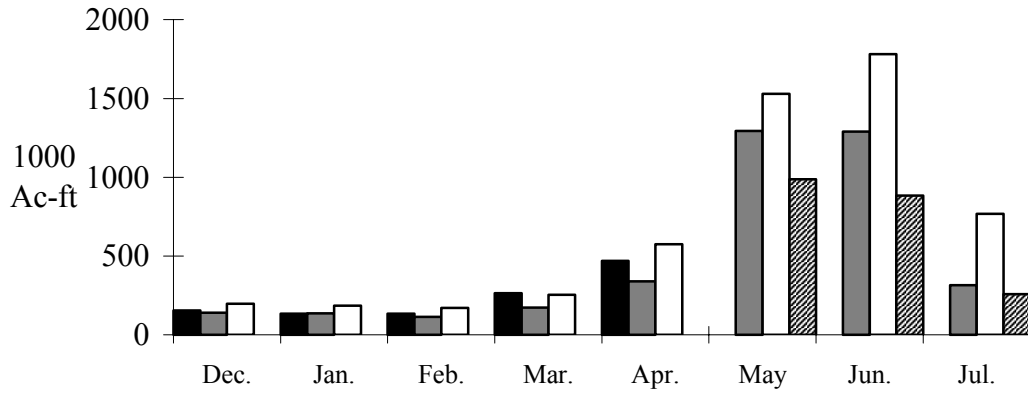
Gunnison - Grand Junction, nr:



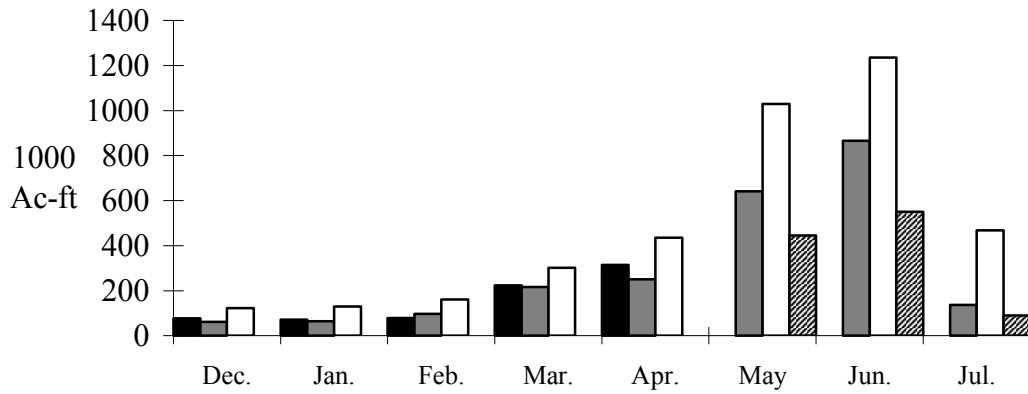
* Data Not Available



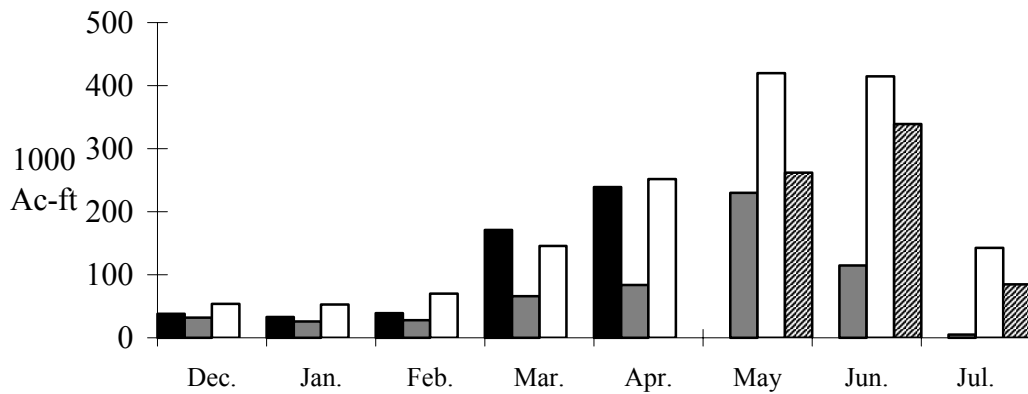
Colorado - Cisco, nr:



Green - Green River, UT:



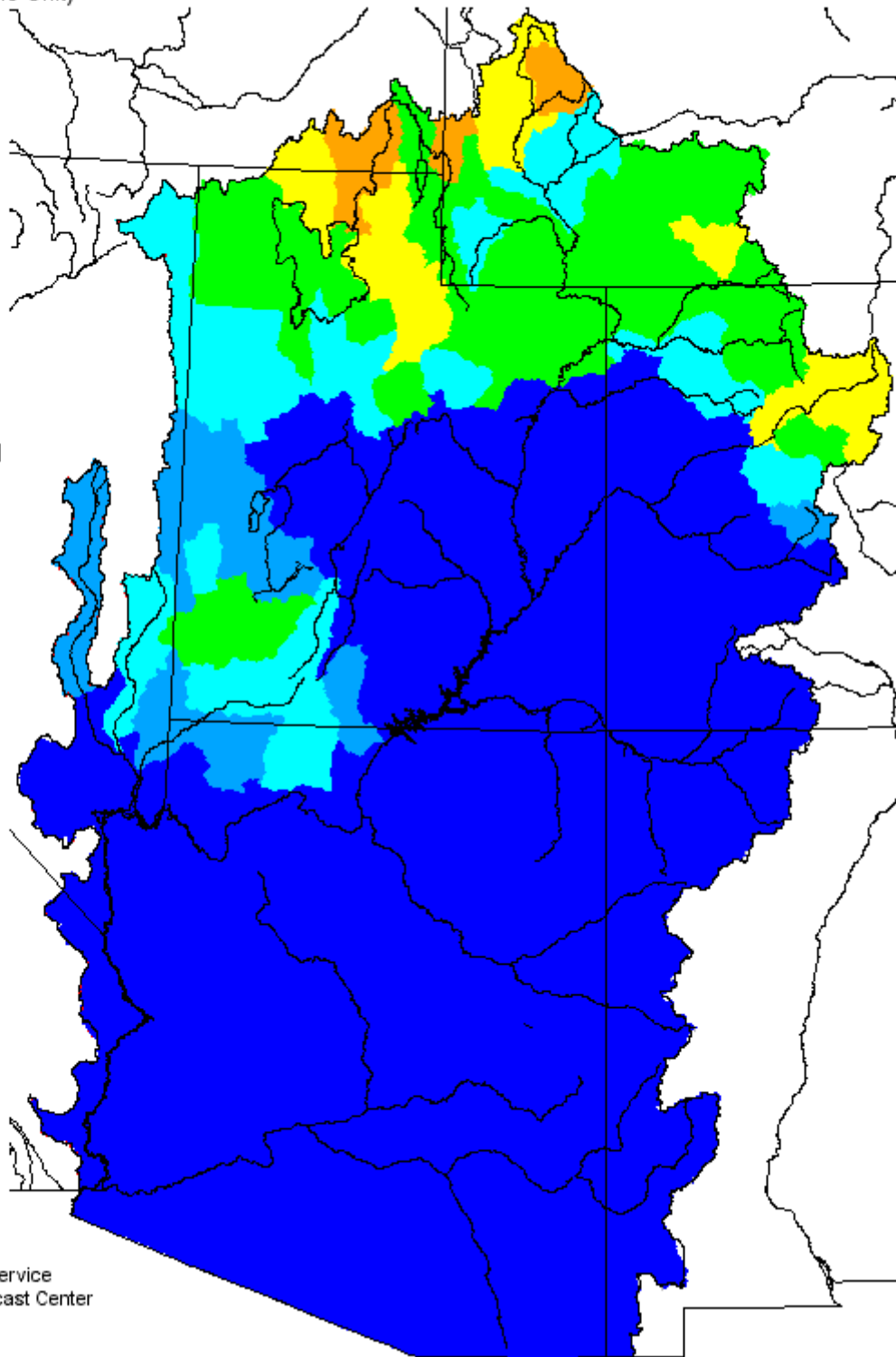
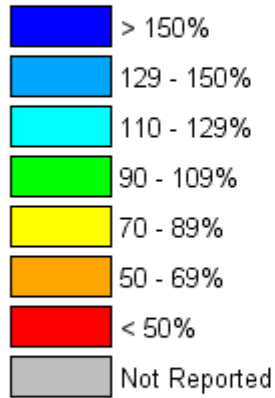
San Juan - Bluff, nr:



Monthly Precipitation for April 2004

(Averaged by Hydrologic Unit)

% Average

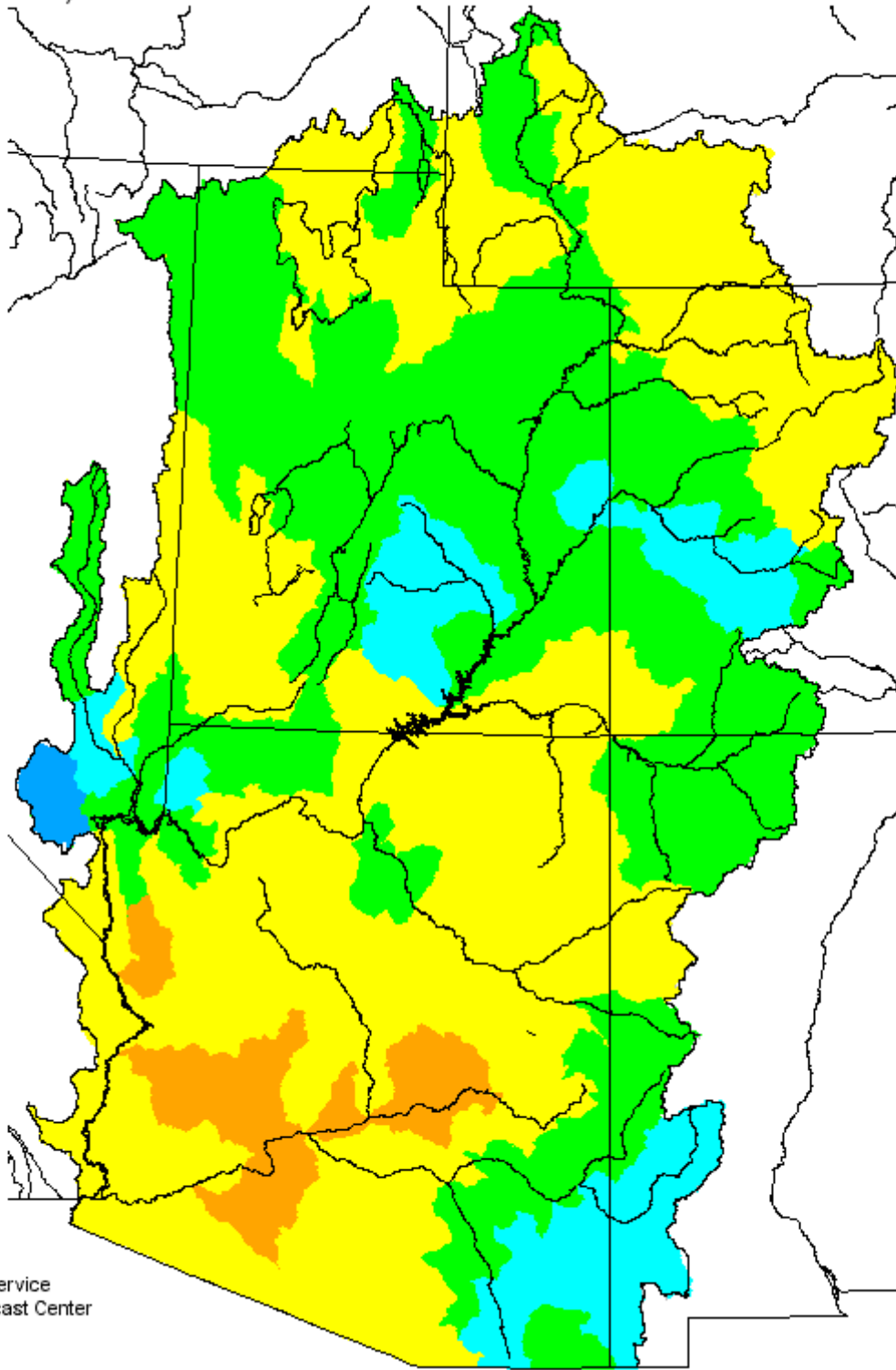
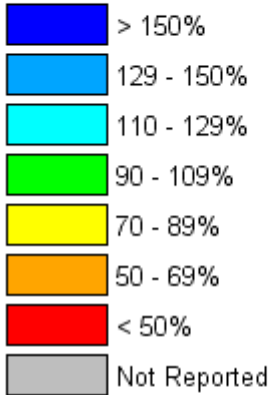


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Seasonal Precipitation, October 2003 - April 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% |
|---|---------------------------|-------------------------|-------------------------|--------------------------------------|

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