

WATER SUPPLY OUTLOOK for the UPPER COLORADO

COLORADO BASIN RIVER FORECAST CENTER

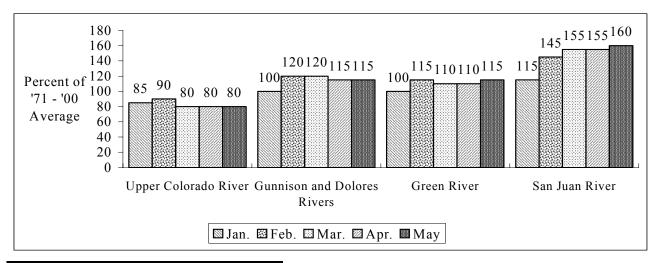




MAY 1, 2005

A warm period during mid April caused a period of above average melt over much of the basin. Some of this snowpack loss was recovered by late month storms. Overall, April precipitation came in near average, with some Upper Colorado headwater areas above to much above average. Seasonal precipitation changed little or fell slightly in most areas.

APRIL - JULY VOLUME FORECASTS

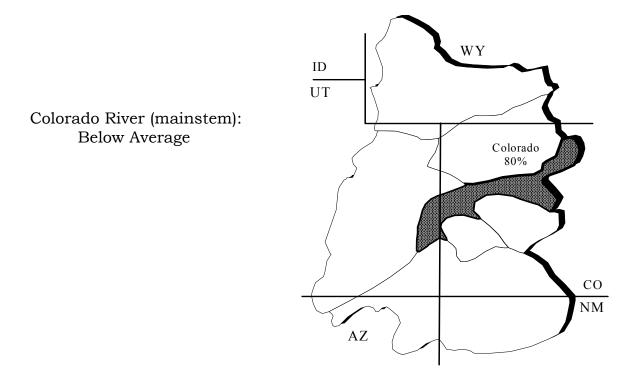


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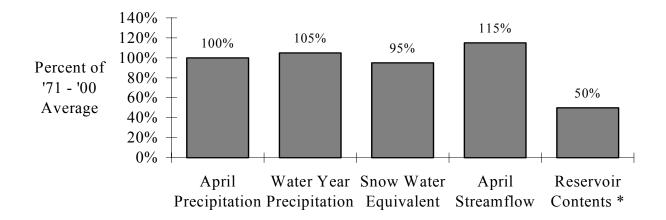
UPPER COLORADO MAINSTEM

A warm period during mid April caused a period of above average melt. Some of this snowpack loss was recovered by late month storms. Overall, April precipitation came in near average, with some headwater areas above to much above average April 1st. Just minor changes were made to spring runoff volume forecasts from those issued April 1st.

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



Basin Conditions - May 1, 2005



^{*} Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 6.

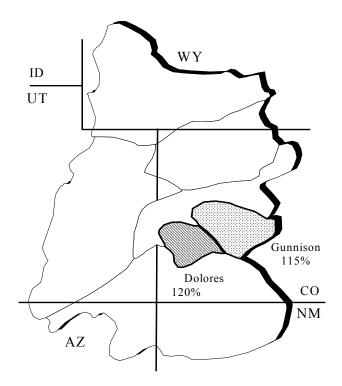
GUNNISON AND DOLORES RIVERS

Overall May 1st snow water equivalent as a percent of average was down just slightly from April 1. As such, most forecasts remained the same or decreased a little. The exception is in the Dolores River Basin where forecasts were raised because of the large April observed flows (185% of average). The April-July streamflow forecasts now range between 90% and 160% of average.

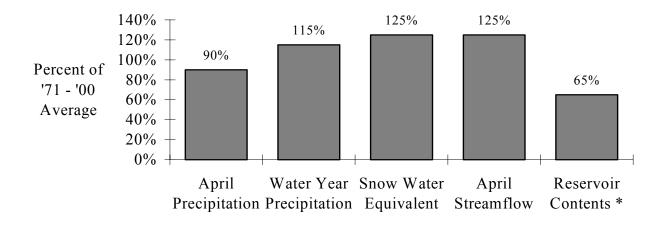
April-July streamflow forecasts for the Gunnison and Dolores Rivers are as follows:

Gunnison River: Above Average

Dolores River:
Above Average



Basin Conditions - May 1, 2005



^{*} Percent usable capacity, not percent average contents.

Specific site forecasts are listed beginning on page 7.

GREEN RIVER

As of May 1st a very significant snowpack remains in place in the Duchesne Basin. Above average snowpack exists in the Muddy, Escalante and Price drainages and near to below average in the Upper Green and Yampa basins. April runoff volumes were below average in the Yampa and near to above average elsewhere. April-July runoff volumes are expected to range from near 120% to 200% of average in Duchesne and 65% to 110% elsewhere.

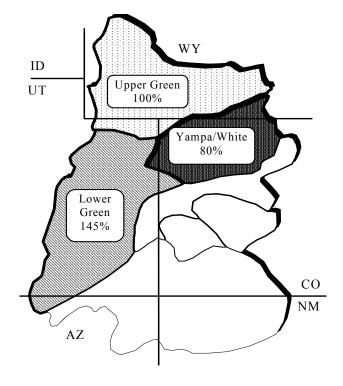
April-July streamflow forecasts for the Green River are as follows:

Upper Green River: Near Average

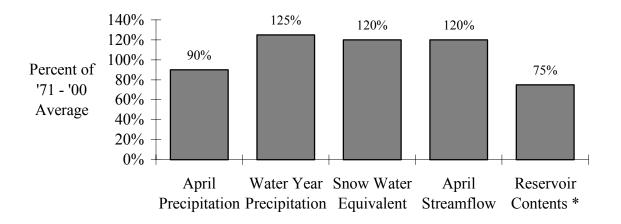
Yampa/White Rivers: Below Average

Lower Green River (blo Flaming Gorge):

Much Above Average



BASIN CONDITIONS - MAY 1, 2005



^{*} Percent usable capacity, not percent average contents.

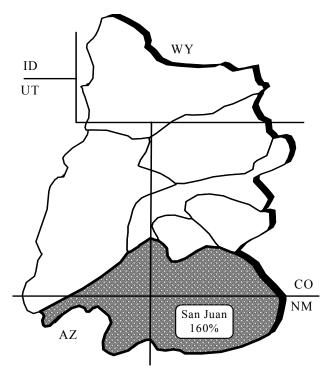
Specific site forecasts are listed beginning on page 8.

San Juan River

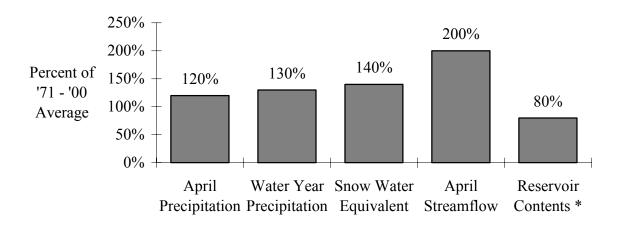
As of May 1st, a much above average snowpack exists in the San Juan Basin. April precipitation was 118% of average. Snow stations, after a brief melt, continued to accumulate. As of May 1st, snow is 148% of average above Navajo, 134% in the Animas and 140% basinwide. April through July forecasts volumes were increased 5%-10% of average, ranging from 143% to 344% of average.

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

San Juan River: Much Above Average



Basin Conditions - May 1, 2005



^{*} 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	Percent	Reas.	Reas.
		Probable	Avg.	Max	Min
COLORADO	LAKE GRANBY, GRANBY, NR	185	82	215	158
	DOTSERO, NR	1100	76	1420	780
	GLENWOOD SPRINGS, BLO	1800	83	2220	1380
	CAMEO, NR	1950	81	2590	1410
	CISCO, NR	4500	97	5480	3520
WILLOW CK	WILLOW CK RES, GRANBY, NR	45	88	62	31
FRASER	WINTER PARK	17.5	88	22	13
WILLIAMS FORK	WILLIAMS FORK RES, PARSHALL, N	80	84	98	64
MUDDY CK	WOLFORD MTN RES, BLO	40	67	49	33
BLUE	DILLON RES	125	75	153	97
	GREEN MTN RES	225	80	265	188
EAGLE	GYPSUM, BLO	260	78	320	210
FRYING PAN	RUEDI RES, BASALT, NR	105	74	143	77
ROARING FORK	GLENWOOD SPRINGS	700	99	860	555
PLATEAU CK	CAMEO, NR	215	187	0	0
MILL CK	MOAB, NR, SHELEY TUN, AT	7	140	8.9	5.1

SPECIFIC SITE FORECASTS

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

Stream	am Station		Percent	Reas.	Reas.
		Probable	Avg.	Max	Min
TAYLOR	TAYLOR PARK RES	100	97	125	78
	ALMONT	160	97	200	120
EAST	ALMONT	195	102	230	165
GUNNISON	GUNNISON, NR	390	100	500	300
TOMICHI CK	GUNNISON	75	93	114	47
LAKE FORK	GATEVIEW	140	111	165	117
GUNNISON	MORROW POINT RES	820	104	960	680
	CRYSTAL RES	925	101	1120	735
MUDDY CK ★	PAONIA RES, BARDINE, NR	155	155	196	122
NF GUNNISON	SOMERSET, NR	435	143	520	360
SURFACE CK	CEDAREDGE	27	158	34	21
UNCOMPAHGRE	RIDGWAY RES	110	108	132	92
	COLONA	150	108	200	110
	DELTA	130	111	191	69
GUNNISON	GRAND JUNCTION, NR	1800	115	2150	1450
DOLORES	DOLORES	325	123	410	255
	MCPHEE RES	430	134	520	350
	CISCO, NR	725	131	935	515
SAN MIGUEL	PLACERVILLE, NR	145	110	183	119

 $[\]star$ = March - June forecast period.

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

Stream	Station	Most	Percent	Reas.	Reas.
		Probable	Avg.	Max	Min
GREEN	DANIEL, NR, WARREN BRIDGE, AT	230	87	275	188
	GREEN RIVER, WY, NR	800	91	1020	610
	GREEN RIVER, UT	3120	98	4150	2410
PINE CK	FREMONT LK, ABV	105	101	121	90
NEW FORK	BIG PINEY, NR	380	96	460	310
BIG SANDY	FARSON, NR	64	110	79	45
BLACKS FORK	ROBERTSON, NR	99	104	123	78
EF SMITHS FORK	ROBERTSON, NR	29	94	39	20
HAMS FORK	FRONTIER, NR, POLE CK, BLO	71	109	86	57
	VIVA NAUGHTON RES	96	108	124	72
YAMPA	STAGECOACH RSVR, ABV	21	72	25	16.8
	STEAMBOAT SPRINGS	195	70	240	157
	MAYBELL, NR	740	75	930	575
ELK	MILNER, NR	305	94	375	240
ELKHEAD CK	ELKHEAD, NR	31	79	41	23
	MAYNARD GULCH, BLO	50	85	67	33
FORTIFICATION CK	★ FORTIFICATION, NR	6	80	10.3	3.7
LITTLE SNAKE	SLATER, NR	137	86	175	103
	DIXON, NR	285	86	390	198
	LILY, NR	310	85	420	220

^{★=} March - June forecast period.

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

Stream	Station	Most	Percent	Reas.	Reas.
		Probable	Avg.	Max	Min
BIG BRUSH CK	VERNAL, NR, RED FLEET RES, ABV	33	157	43	25
ASHLEY CK	VERNAL, NR	94	181	114	76
WF DUCHESNE	HANNA, NR	30	125	41	21
ROCK CK	UPPER STILLWATER RES	130	159	149	112
	MOUNTAIN HOME, NR	139	156	161	118
DUCHESNE	TABIONA, NR	130	124	172	93
	DUCHESNE, NR, KNIGHT DIV, ABV	275	146	320	235
	MYTON	485	183	620	365
	RANDLETT, NR	680	209	840	540
STRAWBERRY	SOLDIER SPRINGS, NR	85	144	120	57
	DUCHESNE, NR	155	127	215	108
CURRANT CK	CURRANT CK RES	28	112	41	17.8
LAKE FORK	MOON LAKE RES, MTN HOME, NR	105	154	124	87
YELLOWSTONE	ALTONAH, NR	102	165	119	85
WHITEROCKS	WHITEROCKS, NR	110	196	132	90
WHITE	MEEKER, NR	198	68	264	149
	WATSON, NR	205	67	305	97
GOOSEBERRY CK	SCOFIELD, NR	13	109	16.8	9.8
PRICE	SCOFIELD RES, SCOFIELD, NR	48	104	55	41
WHITE	BLO TABBYUNE CK, SOLDIER SUMMI	20	115	26	15.3
HUNTINGTON CK	ELECTRIC LAKE	15	96	18.5	11.9
	HUNTINGTON, NR	46	92	54	38
SEELEY CK	JOES VLY RES, ORANGEVILLE, NR	60	103	76	46
FERRON CK	FERRON, NR	41	105	50	33
SEVEN MILE CK	FISH LAKE, NR	7	100	8.9	5.4
MUDDY CK	EMERY, NR	21	106	27	15.9

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

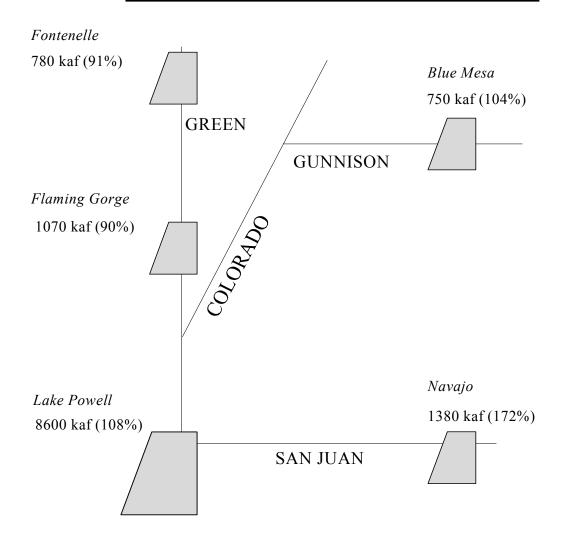
Stream		Station	Most	Percent	Reas.	Reas.
			Probable	Avg.	Max	Min
SAN JUAN		PAGOSA SPRINGS	350	156	395	305
		CARRACAS, NR	615	152	735	510
		FARMINGTON	2040	169	2260	1820
		BLUFF, NR	2100	171	2460	1720
RIO BLANCO		PAGOSA SPRINGS, NR, BLANCO DAM	81	153	98	67
NAVAJO		CHROMO, NR, OSO DIV DAM, BLO	100	145	124	79
PIEDRA		ARBOLES, NR	390	170	455	330
LOS PINOS		VALLECITO RES, BAYFIELD, NR	330	161	380	285
ANIMAS		DURANGO	630	143	725	545
FLORIDA		LEMON RES, DURANGO, NR	100	172	126	78
LA PLATA HESPERUS		HESPERUS	38	152	47	31
MANCOS		MANCOS, NR	61	152	75	47
SOUTH CK	*	LLOYD'S RSVR NR MONTICELLO, AB	4.5	344	6.4	3.1
RECAPTURE CK	K * BLANDING, NR, JOHNSON CK, BLO		16.3	267	25	10.3

 $[\]star$ = March - July forecast period.

FLOOD CONTROL FORECASTS

MOST PROBABLE FORECASTS 2005 APRIL - JULY INFLOW VOLUMES

(% OF '71 - '00 AVERAGE)

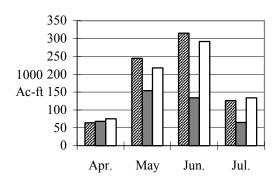


NOTE: Colorado River flood control forecasts account for a smaller set of upstream adjustments than water supply forecast points.

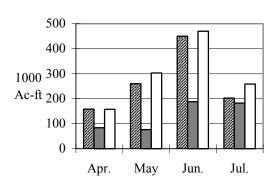
RESERVOIR MONTHLY INFLOW FORECASTS

2005 Forecast 2004 Observed 30 Year Average

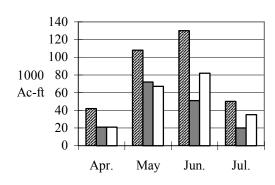
Blue Mesa Reservoir Inflow



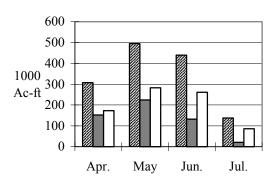
Flaming Gorge Reservoir Inflow



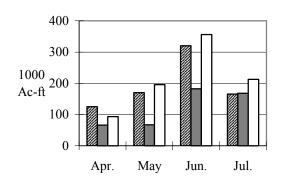
Vallecito Reservoir Inflow



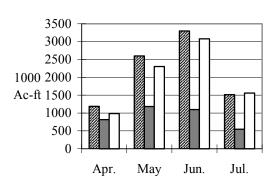
Navajo Reservoir Inflow



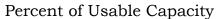
Fontenelle Reservoir Inflow

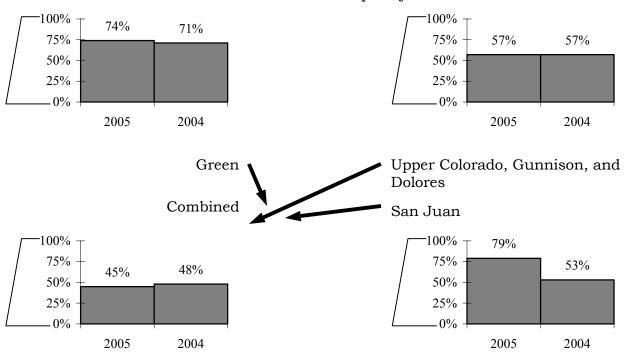


Lake Powell Inflow



END OF MONTH RESERVOIR CONTENTS





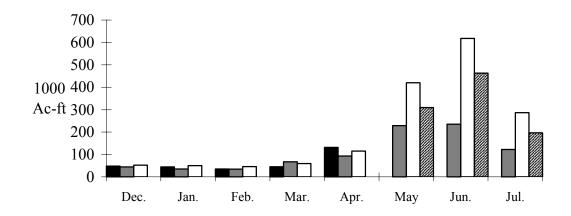
RESERVOIR	Reservoir	Usable	EOM Usable	Percent Usable
(vol. in 1000 ac-ft)	status	Capacity	Contents	Capacity
Fontenelle	1,4	344.8	173.9	50
Flaming Gorge	1,4	3749	2909.9	78
Strawberry	1,4	1105.9	727.4	66
Starvation	1,4	165.3	142.5	86
Lake Granby	2,4	490.3	155.7	32
Dillon	2,4	254	198.7	78
Green Mountain	2,4	146.9	77.5	53
Taylor Park	2,4	106.2	69.7	66
Blue Mesa	2,4	829.5	377.2	45
Ridgway	2,4	83.2	68.6	83
McPhee	2,4	381.1	350.6	92
Vallecito	3,4	125.4	43.4	35
Navajo	3,4	1696	1401.4	83
Lake Powell	4	24322	8538.5	35

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

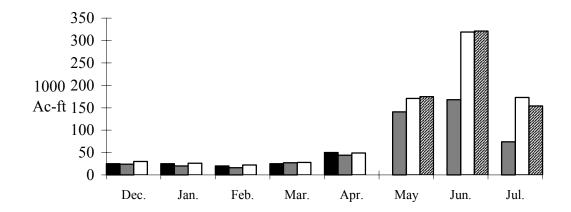
MONTHLY STREAMFLOWS

■ 2005 Water Year ■ 2004 Water Year □ 30 Year Average ■ 2005 Forecast

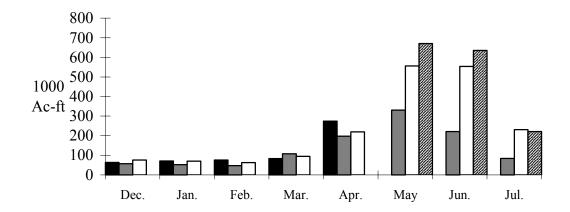
Colorado - Dotsero, nr:



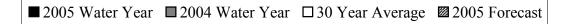
Roaring Fork - Glenwood Springs:



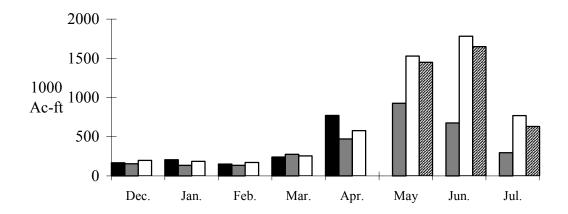
Gunnison - Grand Junction, nr:



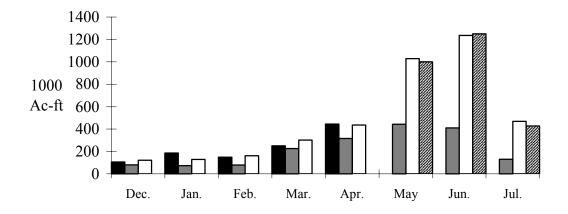
^{*} Data Not Available



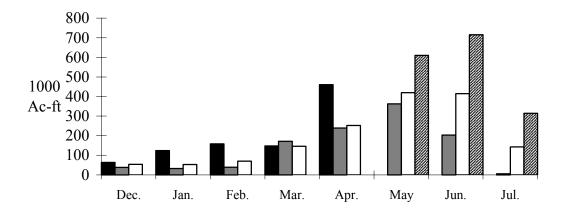
Colorado - Cisco, nr:



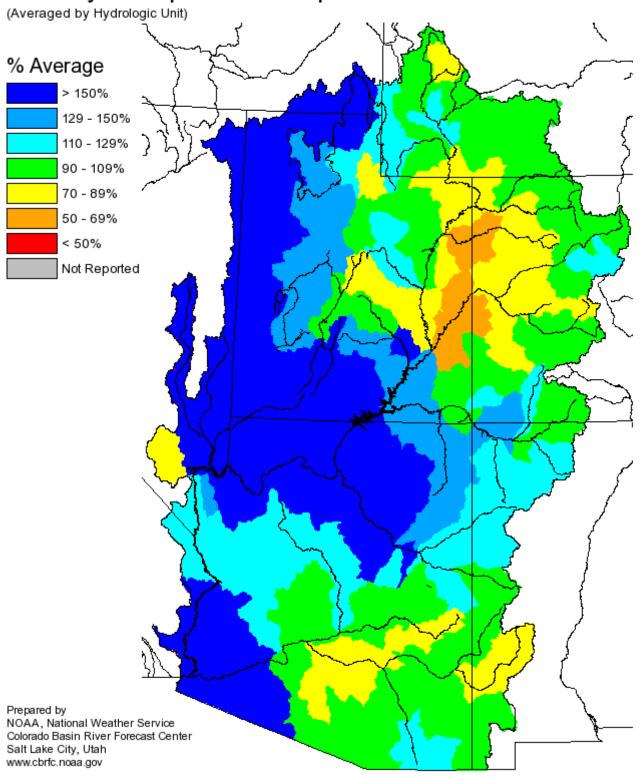
Green - Green River, UT:



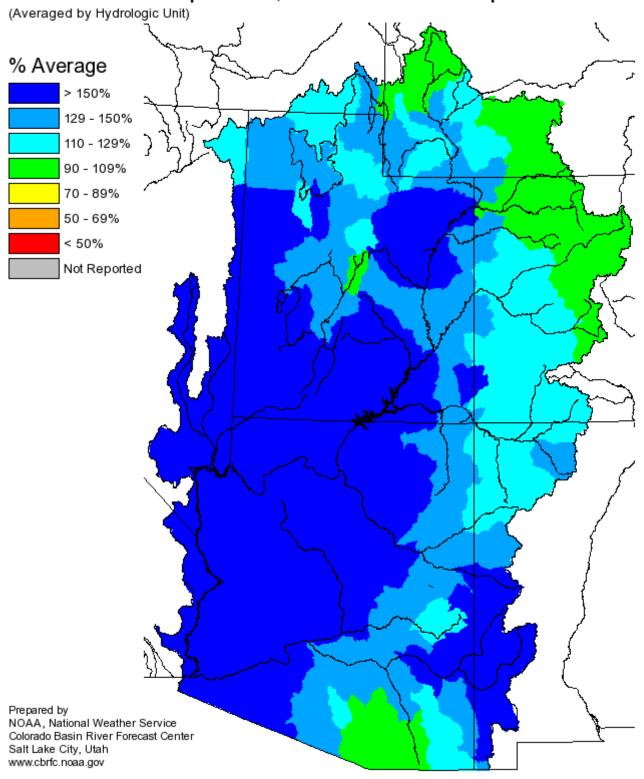
San Juan - Bluff, nr:



Monthly Precipitation for April 2005



Seasonal Precipitation, October 2004 - April 2005



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 Above Average Near Average Below Average Much Below Average-Greater than 130% 111-130% 90-110% 70-89% 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