

# May 4, 2008 RESERVOIR LEVEL AND SNOW UPDATE

Average snow water content in the three basins is now at 116% of the long term average. During the past week the Rio Grande and Sangre de Cristo basins declined by 3% and 8% relative to the average, while the Rio Chama basin increased by 6%. There is a slight (10%) chance of precipitation through Friday, with the best chance (20%-30%) being Tuesday night/Wednesday. Storage at Elephant Butte and Caballo is 590,000 ac-ft, an increase of more than 17,000 ac-ft over the past week, corresponding to about 2,500 ac-ft per day. Elephant Butte and Caballo are currently at 24% and 15% of capacity respectively, which is a little less than on the same date last year. Flow in the Rio Grande at Otowi bridge, at 4060 cfs, continues to be well above average, but lower than last week (4400 cfs) and declining relative to the average. The 80<sup>th</sup> percentile flow for this date is 4380 cfs. At San Marcial, flow is 1,770 cfs, which is below the median flow rate of 2,310 cfs. Early to mid May is normally the end of snow fall and the beginning of decline in accumulated snow.

## COMBINED STORAGE Elephant Butte and Caballo

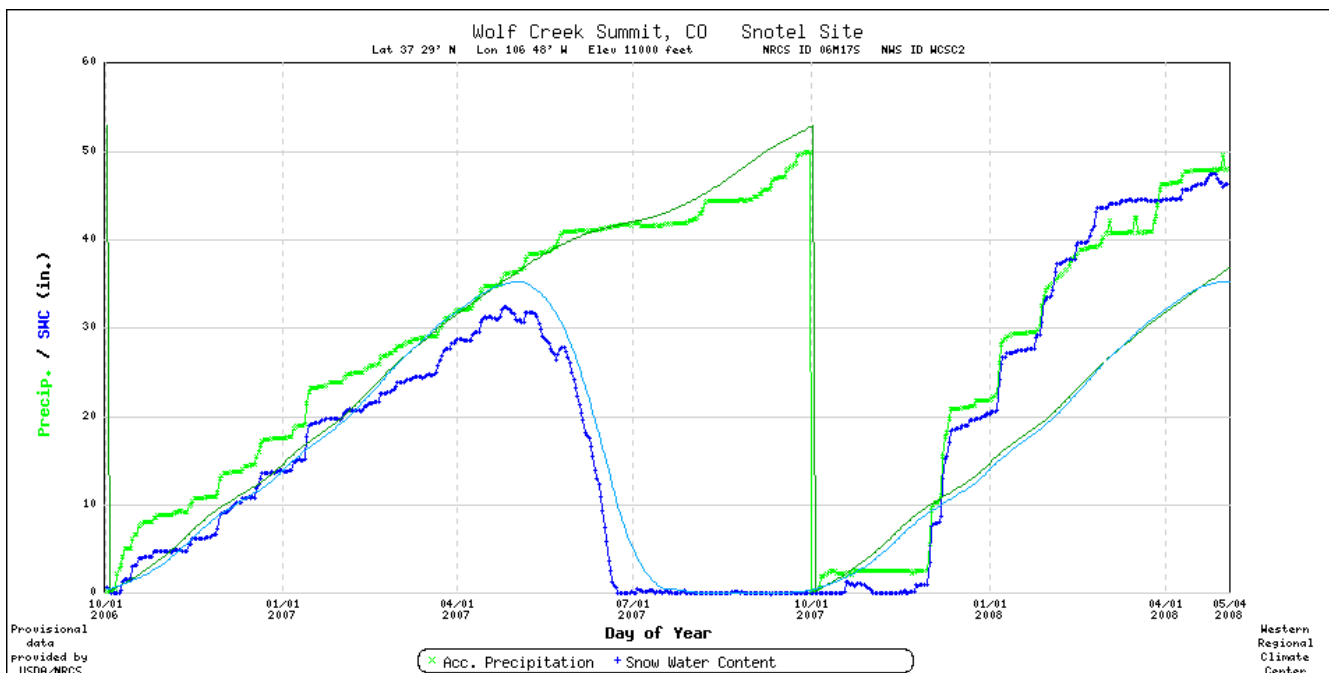
May 2, 2008 590,110 acre-feet

May 1, 2007 670,000 acre-feet

### SNOW - PRECIPITATION UPDATE Based on Mountain Data from NRCS SNOTEL Sites As of Sunday: May 04, 2008

BASIN	ELEV.	SNOW WATER EQUIVALENT	TOTAL PRECIPITATION
Data Site Name	(Ft)	%	%
		Current Average	Current Average
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UPPER RIO GRANDE BASIN			
Basin wide percent of average		119	121
RIO CHAMA BASIN			
Basin wide percent of average		125	117
SANGRE DE CRISTO MOUNTAIN RANGE BASINS			
Basin wide percent of average		105	112

## WOLF CREEK



**FORECAST**

UPPER RIO GRANDE VALLEY/EASTERN SAN JUAN MOUNTAINS BELOW 10000 FT-  
INCLUDING...CREEDE...SOUTH FORK  
406 AM MDT SUN MAY 4 2008

**TODAY**

MOSTLY SUNNY. HIGHS 48 TO 59. SOUTHWEST WINDS 10 TO 20 MPH.

**TONIGHT**

MOSTLY CLOUDY. LOWS 20 TO 34. SOUTHWEST WINDS 10 TO 15 MPH.

**MONDAY**

MOSTLY SUNNY. A 10 PERCENT CHANCE OF RAIN SHOWERS IN THE AFTERNOON. HIGHS 54 TO 66. SOUTHWEST WINDS 10 TO 20 MPH.

**MONDAY NIGHT**

PARTLY CLOUDY. SLIGHT CHANCE OF RAIN SHOWERS EARLY IN THE EVENING...THEN SLIGHT CHANCE OF SNOW SHOWERS UNTIL MIDNIGHT. LOWS 21 TO 33. WEST WINDS 10 TO 15 MPH. CHANCE OF PRECIPITATION 10 PERCENT.

**TUESDAY**

PARTLY SUNNY. A 10 PERCENT CHANCE OF RAIN SHOWERS IN THE AFTERNOON. HIGHS 54 TO 65. WEST WINDS 10 TO 15 MPH.

**TUESDAY NIGHT**

MOSTLY CLOUDY WITH A 20 PERCENT CHANCE OF SHOWERS. LOWS 18 TO 32.

**WEDNESDAY**

MOSTLY CLOUDY. CHANCE OF SHOWERS IN THE MORNING...THEN CHANCE OF SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS IN THE AFTERNOON. HIGHS 52 TO 62. CHANCE OF PRECIPITATION 30 PERCENT.

**WEDNESDAY NIGHT**

MOSTLY CLOUDY. SLIGHT CHANCE OF SHOWERS. LOWS 27 TO 35. CHANCE OF PRECIPITATION 10 PERCENT.

**THURSDAY**

MOSTLY SUNNY. SLIGHT CHANCE OF SHOWERS. HIGHS 47 TO 60. CHANCE OF PRECIPITATION 10 PERCENT.

**THURSDAY NIGHT**

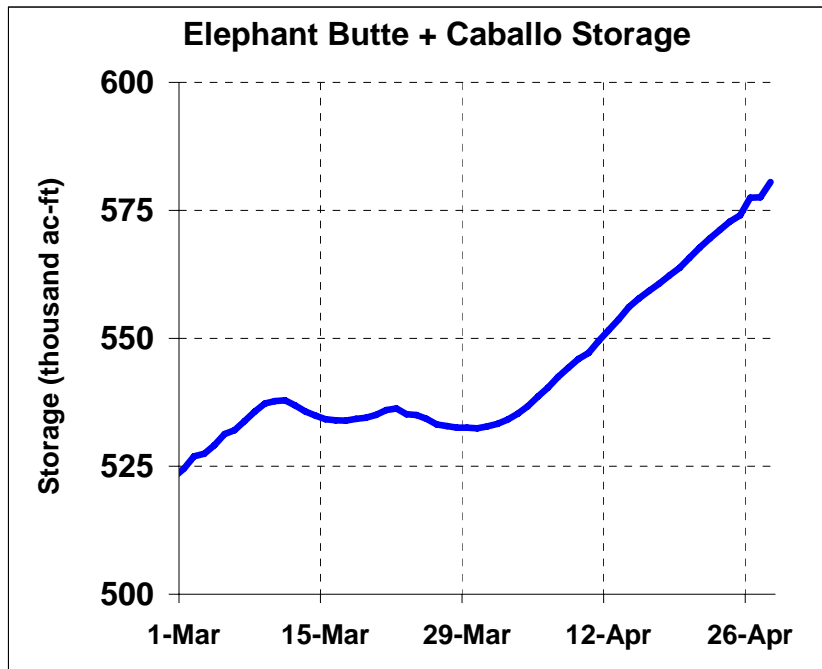
MOSTLY CLOUDY. SLIGHT CHANCE OF SHOWERS. LOWS 26 TO 37. CHANCE OF PRECIPITATION 10 PERCENT.

**FRIDAY**

MOSTLY SUNNY. SLIGHT CHANCE OF SHOWERS. HIGHS 48 TO 61. CHANCE OF PRECIPITATION 10 PERCENT.

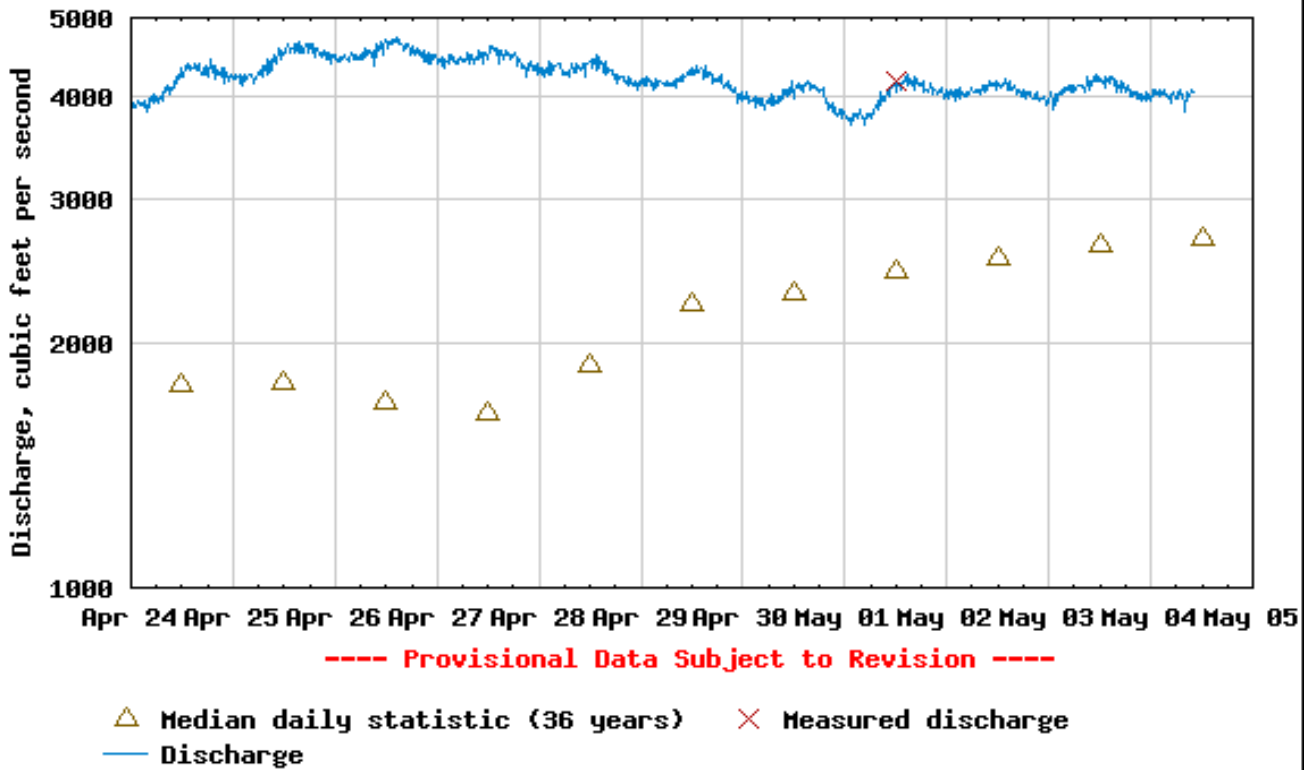
**FRIDAY NIGHT AND SATURDAY**

MOSTLY CLOUDY. A 10 PERCENT CHANCE OF SHOWERS. LOWS 25 TO 33. HIGHS 50 TO 64.





### USGS 08313000 RIO GRANDE AT OTOWI BRIDGE, NM



### USGS 08358400 RIO GRANDE FLOODWAY AT SAN MARCIAL, NM

