

September 20, 2010 RESERVOIR LEVEL UPDATE

Monthly and annual flows at San Marcial (floodway + conveyance channel) have varied significantly since published records began. As this year begins winding down, monthly flow so far has been below the long term mean and median based on measured data from USGS for the years 1965 to 2008. Ranking total annual flow from high to low for those 44 years and assigning probabilities and fitting various distributions shows 2010 should end up in the 30th-40th percentile range. Storage in Elephant Butte/Caballo on this date has been decreasing since 2008, and is now about the same as it was in 2006 and 2007.

COMBINED STORAGE at Elephant Butte and Caballo September 15, 2010 393,374 acre-feet

Average monthly flow at San Marcial for each year from 1965 - 2008

