

## Forecast Runoff Volumes for the Snowmelt Season

Wednesday, May 14, 2008

### NWS California Nevada River Forecast Center and the California Dept. of Water Resources

Remarks: A strong upper ridge of high pressure located offshore along 130W will gradually shift eastward and become centered directly over the west coast by this Friday, May 16<sup>th</sup>. The ridge is expected to remain stationary into early next week before weakening next Tuesday, May 20<sup>th</sup> as an upper level trough moves through the Pacific Northwest. The strength and position of the ridge at its peak will yield some of the warmest weather so far this spring, with temperatures well above seasonal normals. As a result, most snowmelt forecast points in California should see their peak one-day volumes occur early next week (May 18 – May 21). After a brief cool down next Tuesday, May 20<sup>th</sup>, the longer range models indicate the ridge will quickly rebuild, so look for dry weather with above normal temperatures for the remainder of next week ending May 24<sup>th</sup>.

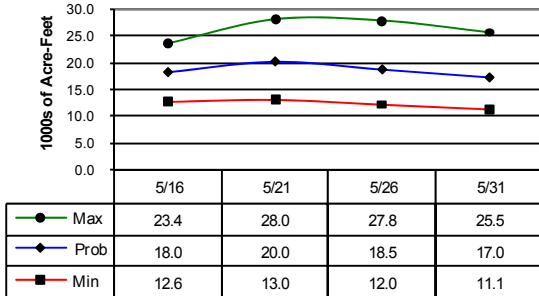
Forecasts reflect predicted short-term precipitation and temperature as well as the predicted shift from normal climatology provided by NOAA's Climate Prediction Center.

Forecast Point	Peak 1-Day Volume (1000s of ac-ft)	Date (Month/Day)
American River - Folsom	19.0	5/18
Mokelumne River - Pardee	8.0	5/18
Stanislaus River - New Melones	11.0	5/18
Tuolumne River - New Don Pedro	24.0	5/19
Merced River - Pohono Bridge	9.0	5/18
Merced River – Lake McClure	13.0	5/18
Lake Tahoe Inflow	2.7	5/20
Truckee River – Tahoe to Farad	4.0	5/18
WF Carson River - Woodfords	0.7	5/19
EF Carson River - Gardnerville	3.0	5/20
Carson R – Carson City	2.8	5/21
San Joaquin River - Millerton	23.0	5/19
Kings River – Pine Flat	24.0	5/19
Kaweah River - Terminus	5.0	5/19
Tule River - Success	0.7	5/19
Kern River - Isabella	7.0	5/20
West Walker River - Coleville	3.0	6/2
East Walker River - Bridgeport	1.2	6/1
Humboldt River - Palisade	1.8	6/6
Marys River – Twin Buttes	0.6	5/20
Humboldt River - Elko	1.1	6/4

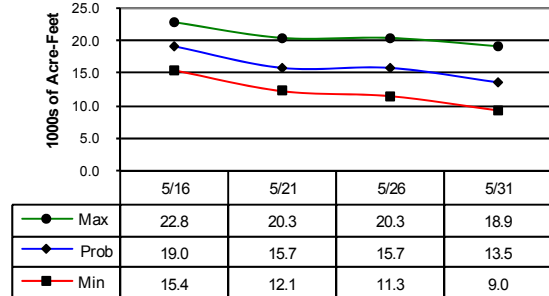
Indicated values are unimpaired flow volumes in thousands of acre-feet in 5-day intervals for the next 20 days. The date indicated above each column is the mid-point of the 5-day interval.

Max: Reasonable maximum (10 percent chance of being exceeded)  
 Prob: Most probable volume (50 percent chance of being exceeded)  
 Min: Reasonable minimum (90 percent chance of being exceeded)

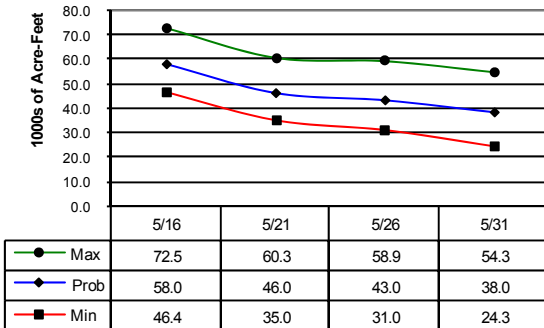
**Williamson River at Chiloquin**



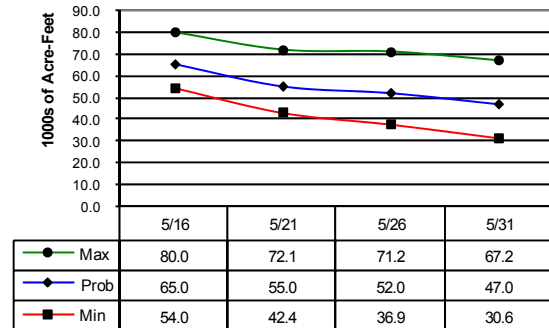
**Scott River at Fort Jones**



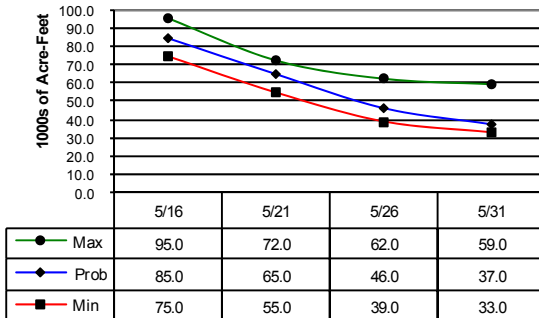
**Trinity River at Lewiston**



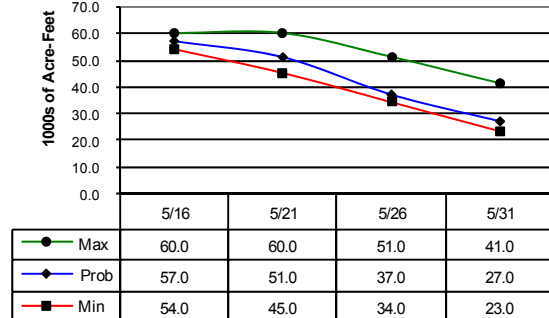
**Shasta Reservoir Inflow**



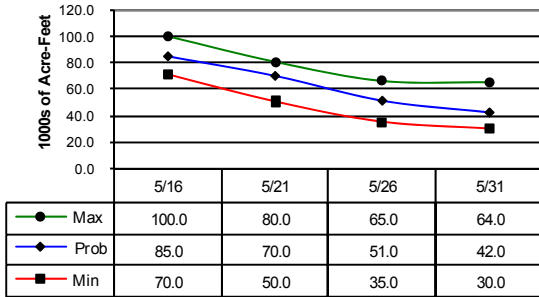
**Feather River at Oroville**



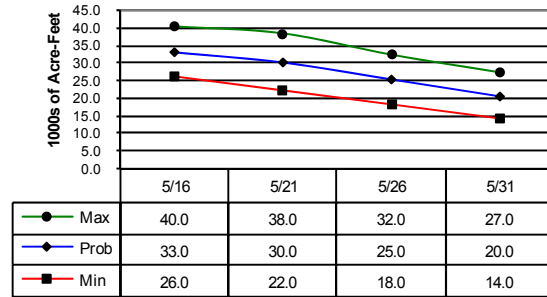
**Yuba River at Smartville**



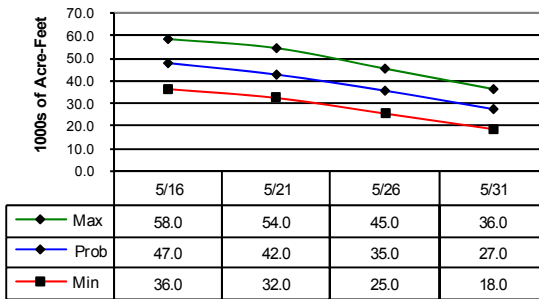
**American River at Folsom**



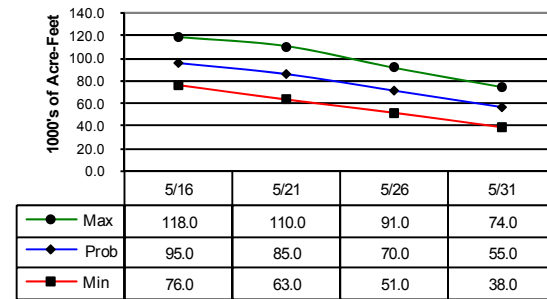
**Mokelumne River at Pardee**



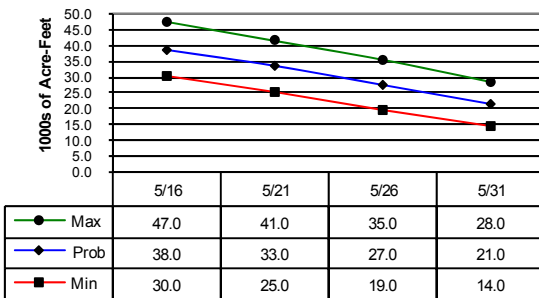
**Stanislaus River at New Melones**



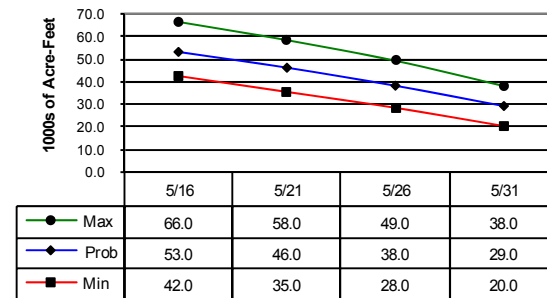
**Tuolumne River at New Don Pedro**



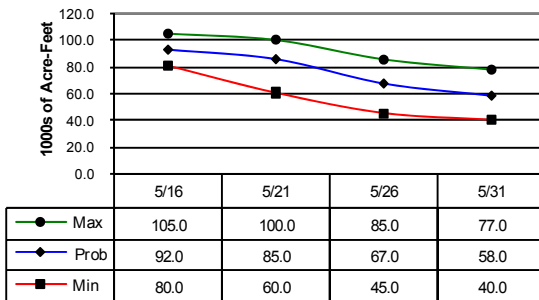
**Merced River at Pohono Bridge**



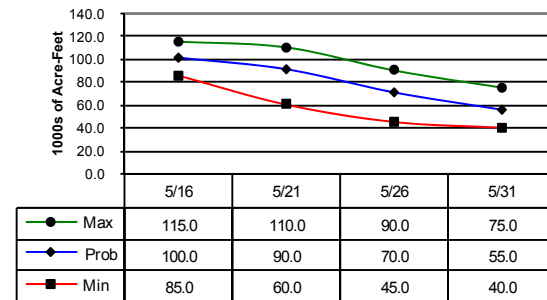
**Merced River at Lake McClure**



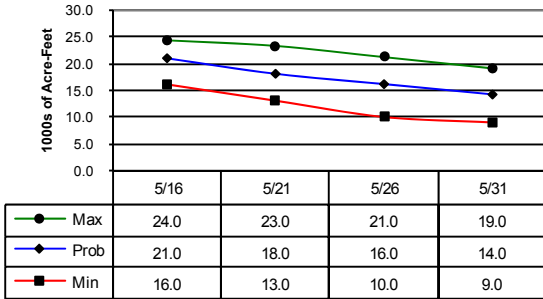
**San Joaquin River at Millerton**



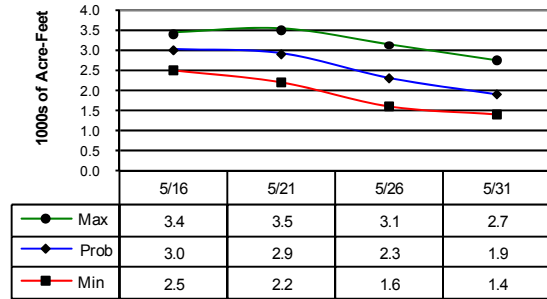
**Kings River at Pine Flat**



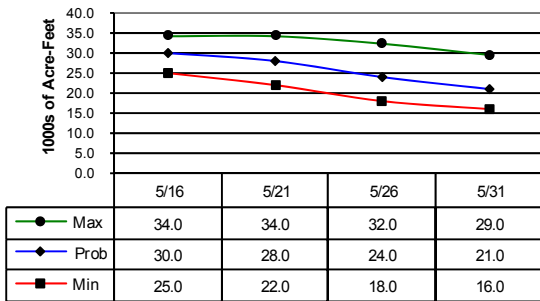
**Kaweah River at Terminus**



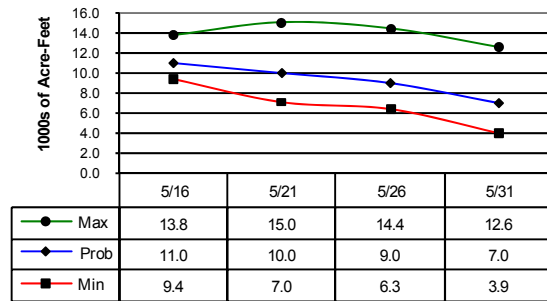
**Tule River at Success**



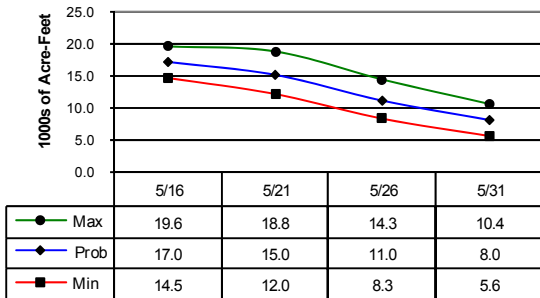
**Kern River at Isabella**



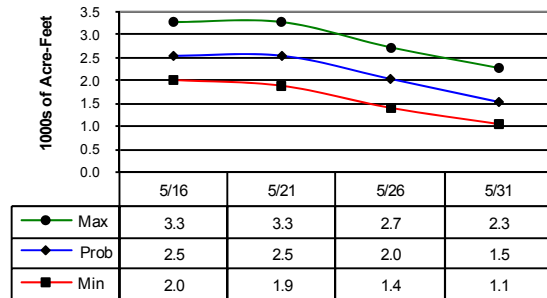
**Lake Tahoe Inflow**



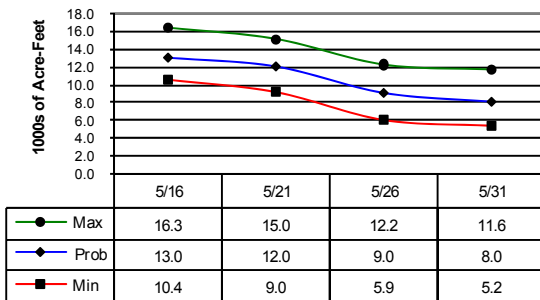
**Truckee River - Lake Tahoe to Farad**



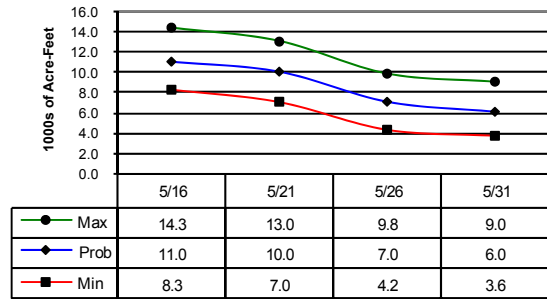
**W F Carson River at Woodfords**



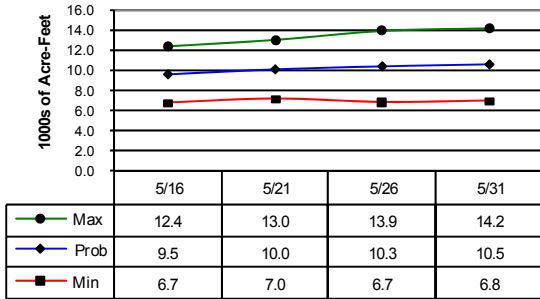
**EF Carson River nr Gardnerville**



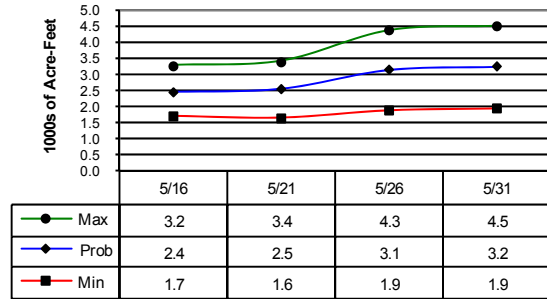
**Carson River at Carson City**



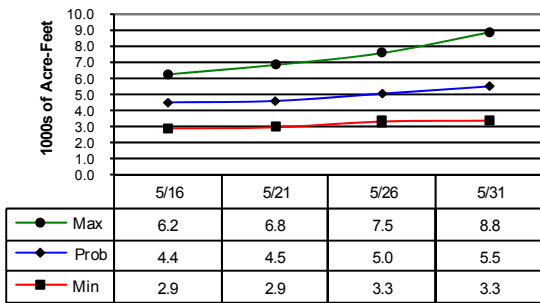
**West Walker River at Coleville**



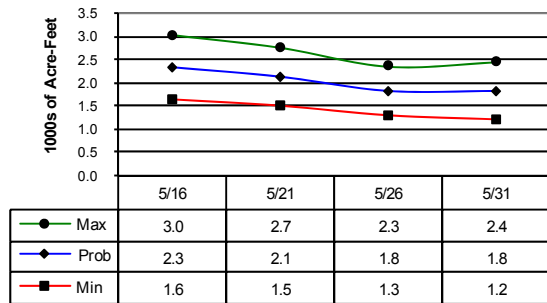
**East Walker River at Bridgeport**



**Humboldt River at Palisade**



**Marys River below Twin Buttes**



**Humboldt River at Elko**

