

Forecast Runoff Volumes for the Snowmelt Season

Wednesday, May 28, 2008

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

Remarks: Much of the forecast area remains in a cool unsettled weather pattern from a nearly stationary broad upper low pressure system. Afternoon temperatures have been averaging between 5 and 15 degrees below normal while minimums remain closer to normal due to overnight cloud cover. It looks like this pattern will continue into early next week as an upper trough remains a persistent feature along the west coast. Showers will focus mainly over the northern Sierra Nevada and Cascades and across northern Nevada into early next week. Longer range models indicate some warmer and dry weather possible starting around the middle of next week (June 1-7) as the upper trough pattern finally breaks down and is replaced by westerly flow and gradually rising heights aloft.

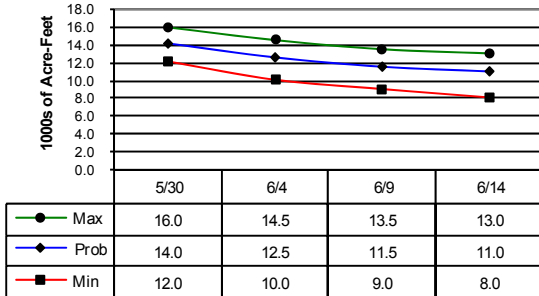
Forecasts reflect predicted short-term precipitation and temperature as well as the predicted shift from normal climatology provided by NOAA's Climate Prediction Center.

Forecast Point	Peak 1-Day Volume (1000s of ac-ft)	Date (Month/Day)
American River - Folsom	17.1	5/16
Mokelumne River - Pardee	8.3	5/17
Stanislaus River - New Melones	10.6	5/18
Tuolumne River - New Don Pedro	22.2	5/17
Merced River - Pohono Bridge	7.3	5/18
Merced River - Lake McClure	11.3	5/18
Lake Tahoe Inflow	2.9	5/18
Truckee River - Tahoe to Farad	4.0	5/17
WF Carson River - Woodfords	0.7	5/19
EF Carson River - Gardnerville	2.7	5/19
Carson R - Carson City	2.2	5/20
San Joaquin River - Millerton	21.3	5/18
Kings River - Pine Flat	22.7	5/19
Kaweah River - Terminus	5.5	5/19
Tule River - Success	0.6	5/19
Kern River - Isabella	7.0	5/20
West Walker River - Coleville	3.1	5/19
East Walker River - Bridgeport	0.9	5/21
Humboldt River - Palisade	1.7	5/26
Marys River - Twin Buttes	0.9	5/24
Humboldt River - Elko	1.2	5/25

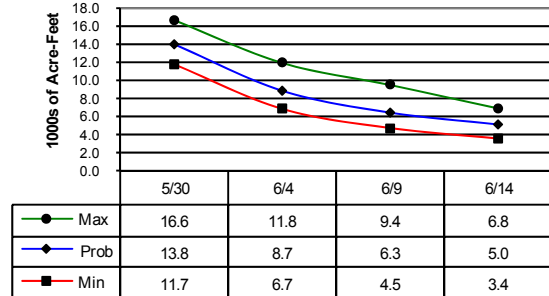
Indicated values are unimpaired flow volumes in thousands of acre-feet in 5-day intervals for the next 20 days. The date indicated above each column is the mid-point of the 5-day interval.

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)

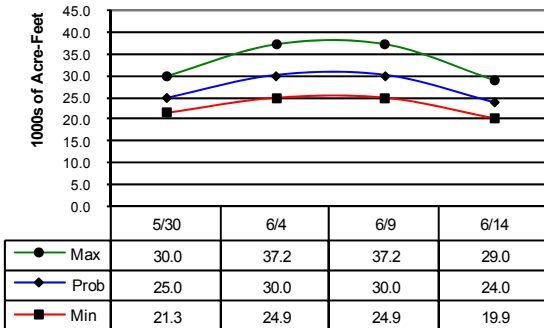
Williamson River at Chiloquin



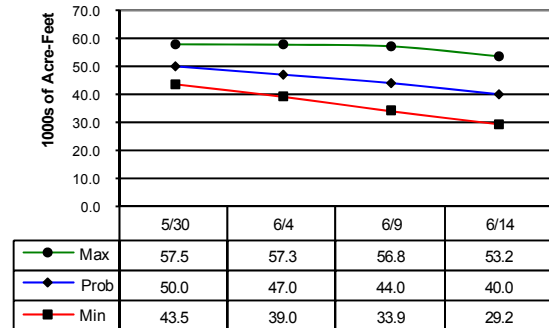
Scott River at Fort Jones



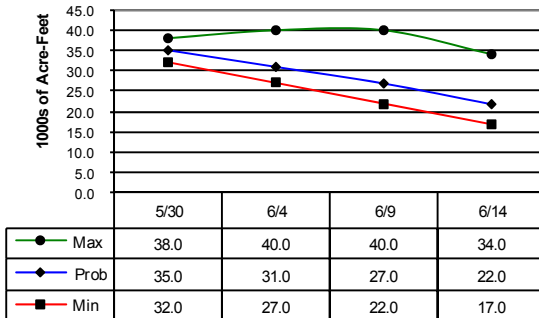
Trinity River at Lewiston



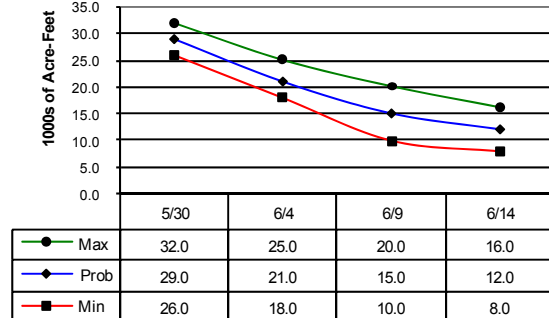
Shasta Reservoir Inflow



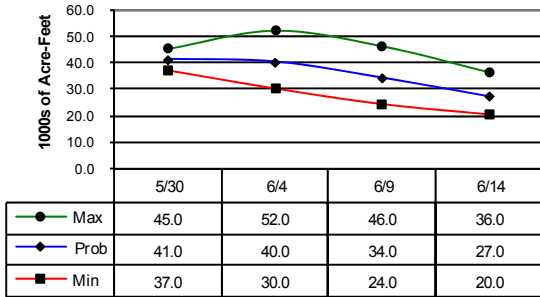
Feather River at Oroville



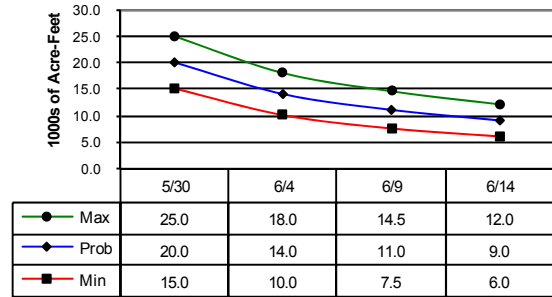
Yuba River at Smartville



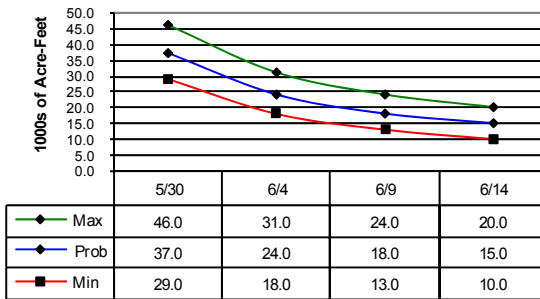
American River at Folsom



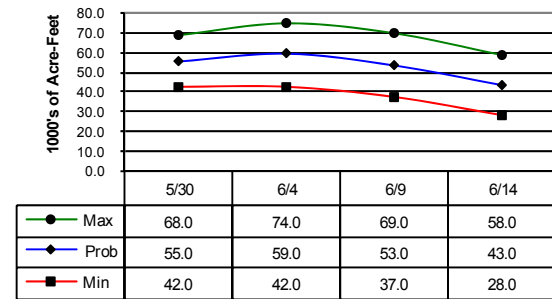
Mokelumne River at Pardee



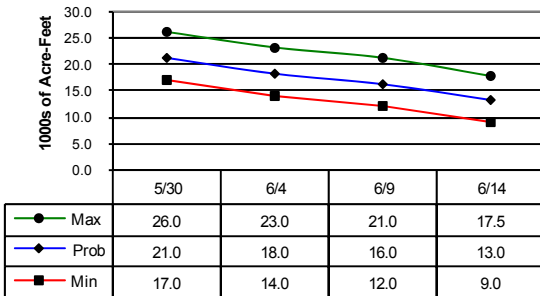
Stanislaus River at New Melones



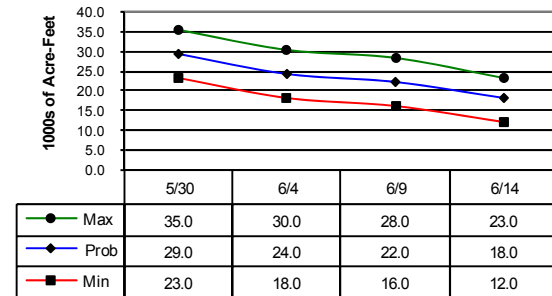
Tuolumne River at New Don Pedro



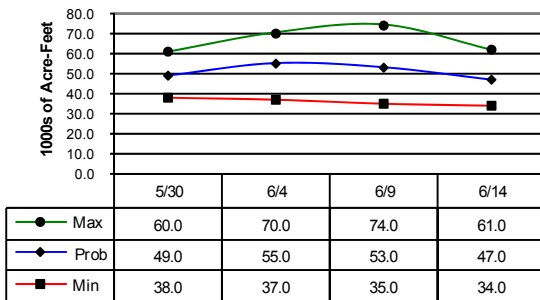
Merced River at Pohono Bridge



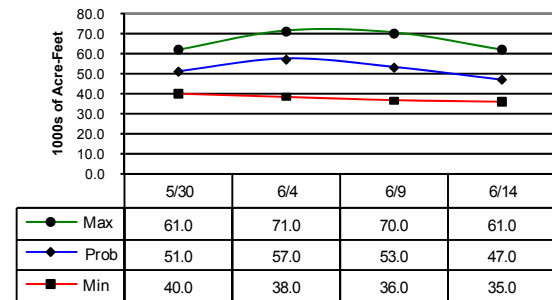
Merced River at Lake McClure



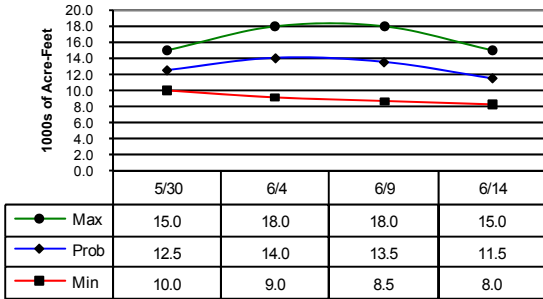
San Joaquin River at Millerton



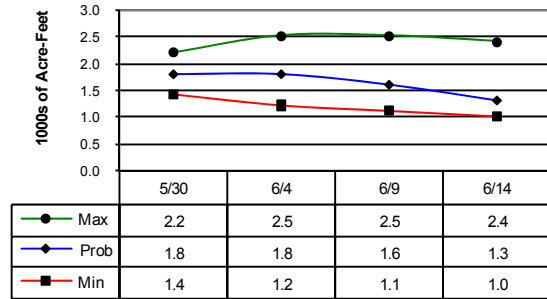
Kings River at Pine Flat



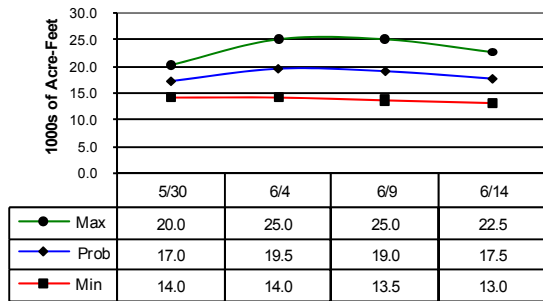
Kaweah River at Terminus



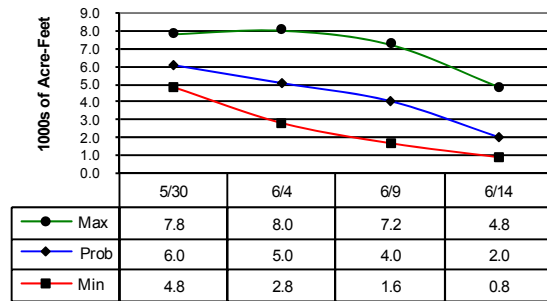
Tule River at Success



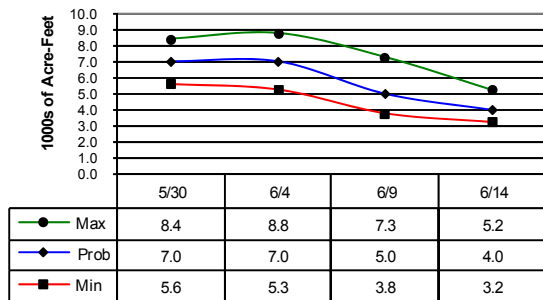
Kern River at Isabella



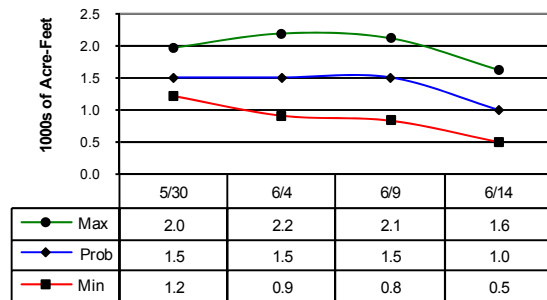
Lake Tahoe Inflow



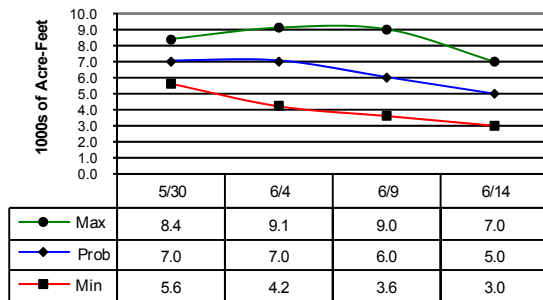
Truckee River - Lake Tahoe to Farad



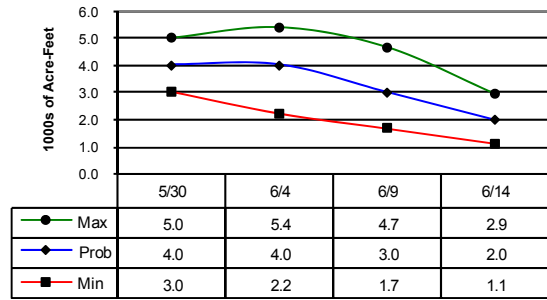
W F Carson River at Woodfords



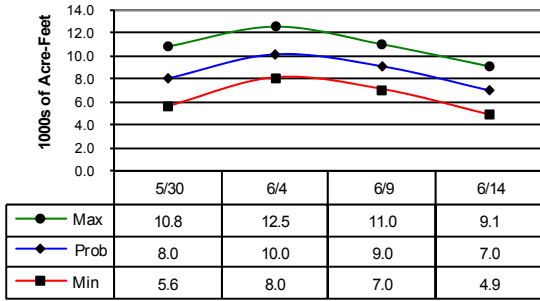
EF Carson River nr Gardnerville



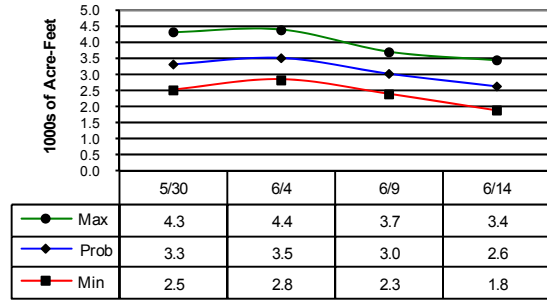
Carson River at Carson City



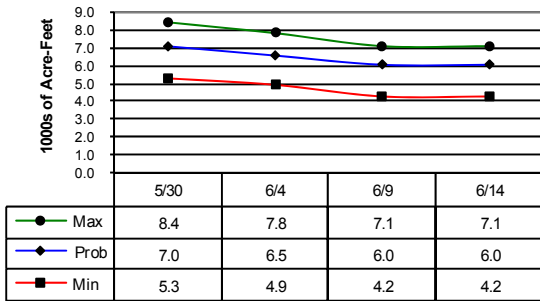
West Walker River at Coleville



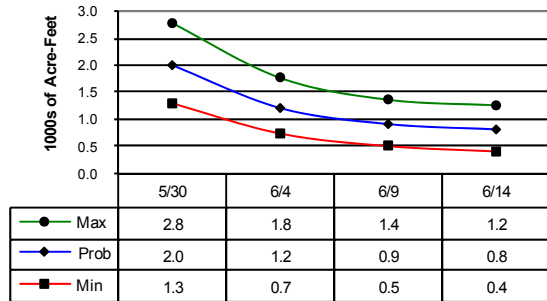
East Walker River at Bridgeport



Humboldt River at Palisade



Marys River below Twin Buttes



Humboldt River at Elko

