

Forecast Runoff Volumes for the Snowmelt Season

Wednesday, May 27, 2009

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

Remarks: An upper level high pressure ridge has developed over the western U.S. and centered over the Great Basin. The high will bring above normal temperatures and result in afternoon/evening thunderstorms mainly along the crest of the Sierra Nevada and into the northern California and southern Oregon higher terrain. An upper low with origins in the Gulf of Alaska will affect the West Coast and western Great Basin by late in the weekend (05/31). This will begin a transition to a cooler weather pattern with a potential for more widespread showers/thunderstorms across northern/central California by Tuesday (06/02) and continuing through the remainder of next week.

Please note: All peak 1-day volumes have either occurred or will occur in the next day or two. This will be the final snowmelt forecast for the season. Please contact the CNRFC if additional guidance is needed.

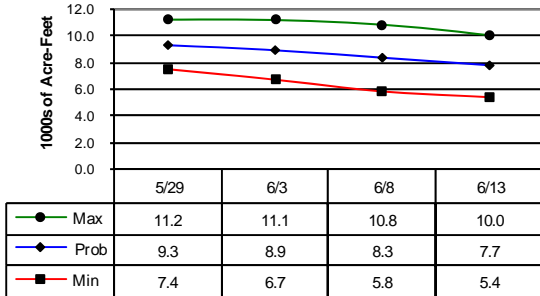
Forecasts reflect predicted short-term precipitation and temperature as well as the predicted shift from normal climatology provided by NOAA's Climate Prediction Center.

Forecast Point	Peak 1-Day Volume (1000s of ac-ft)	Date (Month/Day)
American River - Folsom	16.9	5/19
Mokelumne River - Pardee	9.5	5/18
Stanislaus River - New Melones	11.4	5/19
Tuolumne River - New Don Pedro	26.4	5/18
Merced River - Pohono Bridge	8.0	5/17
Merced River – Lake McClure	11.9	5/17
Lake Tahoe Inflow	4.4	5/20
Truckee River – Tahoe to Farad	3.8	5/19
WF Carson River - Woodfords	0.8	5/18
EF Carson River - Gardnerville	3.4	5/19
Carson R – Carson City	3.2	5/21
San Joaquin River - Millerton	21.3	5/17
Kings River – Pine Flat	20.5	5/17
Kaweah River - Terminus	4.5	5/17
Tule River - Success	0.6	5/8
Kern River - Isabella	6.1	5/18
West Walker River - Coleville	3.0	5/20
East Walker River - Bridgeport	0.9	5/24
Humboldt River - Palisade	2.4	5/28
Marys River – Twin Buttes	0.6	5/25
Humboldt River - Elko	1.4	5/27

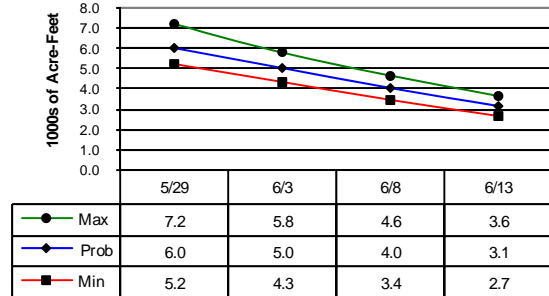
Indicated values are unimpaired flow volumes in thousands of acre-feet in 5-day intervals for the next 20 days. The date indicated above each column is the mid-point of the 5-day interval.

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)

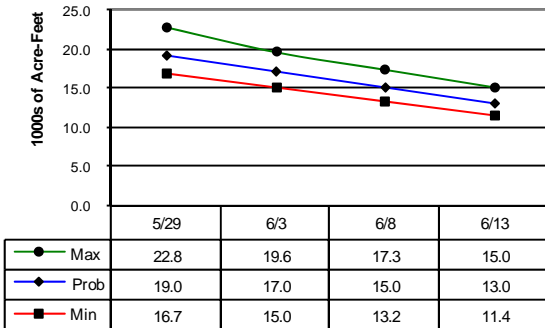
Williamson River at Chiloquin



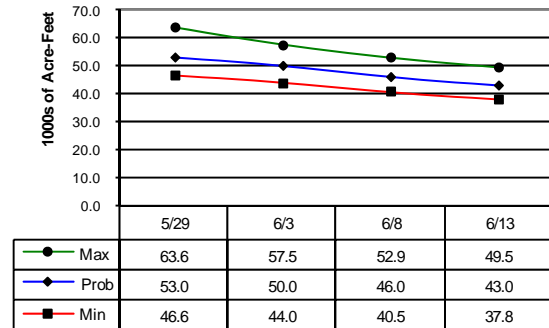
Scott River at Fort Jones



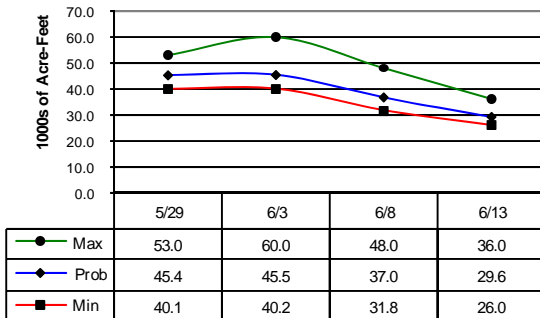
Trinity River at Lewiston



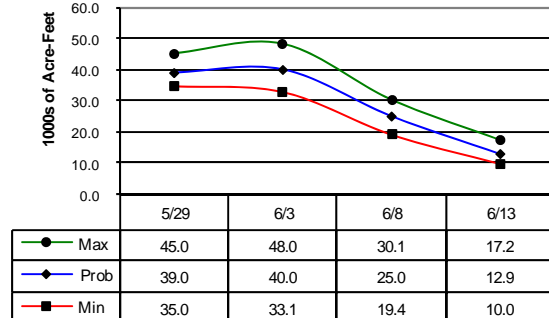
Shasta Reservoir Inflow



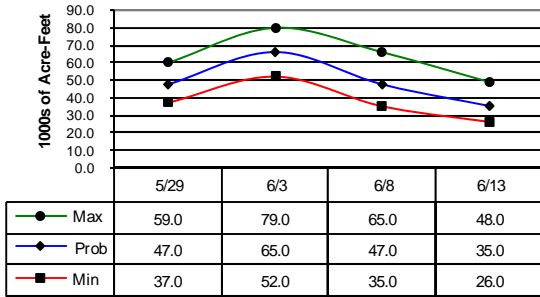
Feather River at Oroville



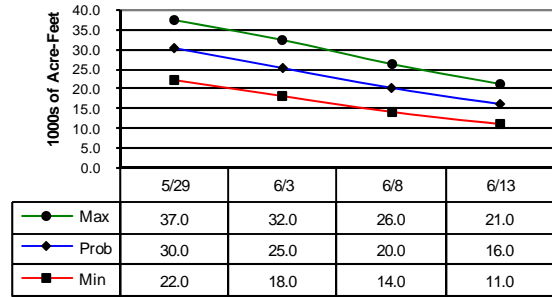
Yuba River at Smartville



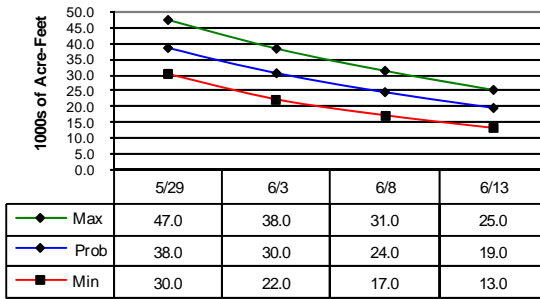
American River at Folsom



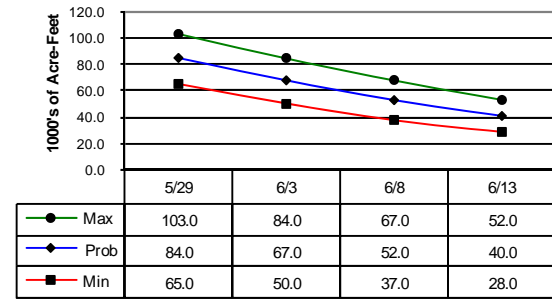
Mokelumne River at Pardee



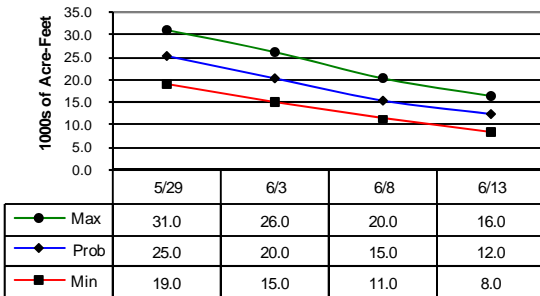
Stanislaus River at New Melones



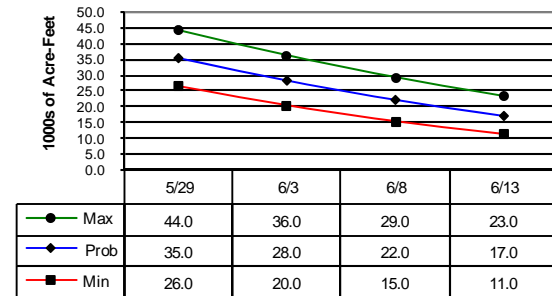
Tuolumne River at New Don Pedro



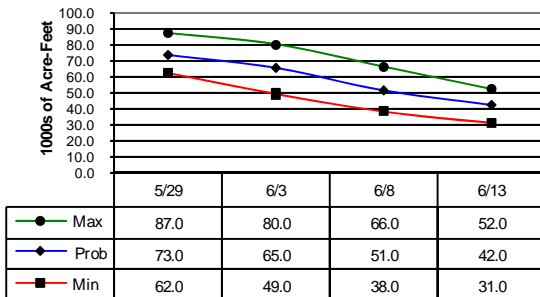
Merced River at Pohono Bridge



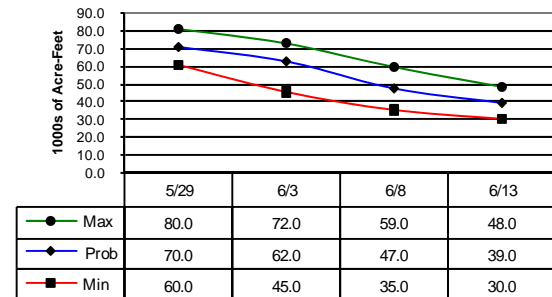
Merced River at Lake McClure



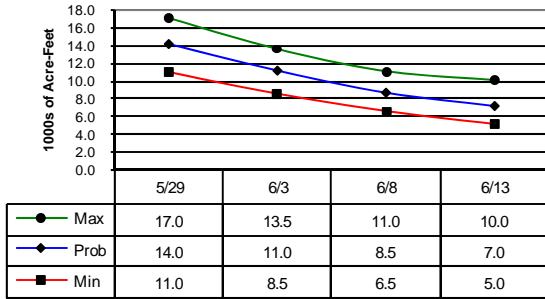
San Joaquin River at Millerton



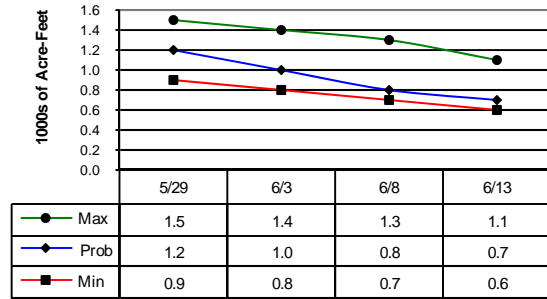
Kings River at Pine Flat



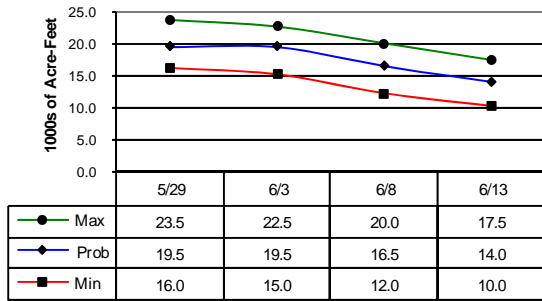
Kaweah River at Terminus



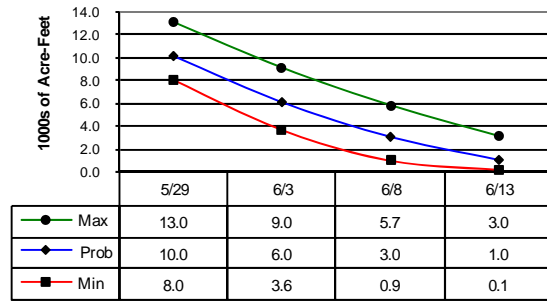
Tule River at Success



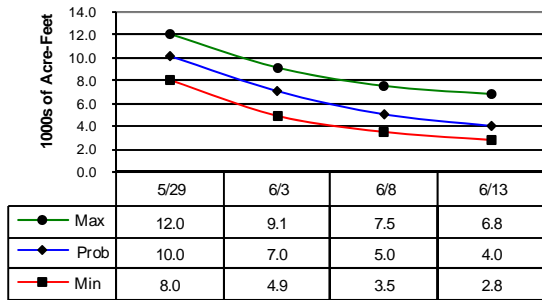
Kern River at Isabella



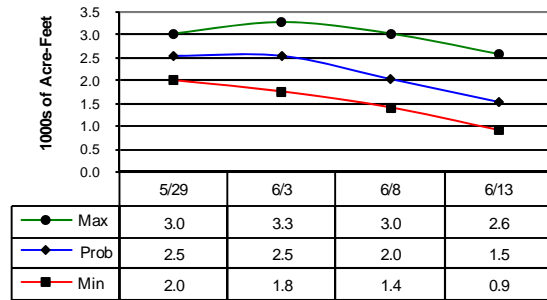
Lake Tahoe Inflow



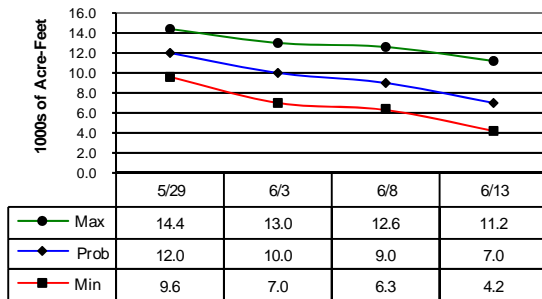
Truckee River - Lake Tahoe to Farad



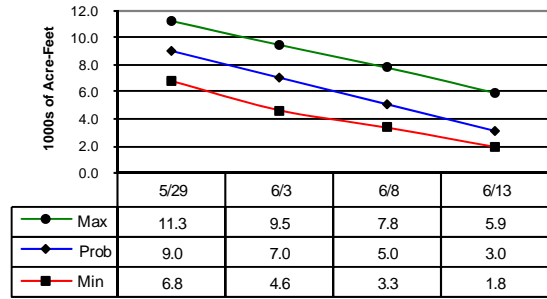
W F Carson River at Woodfords



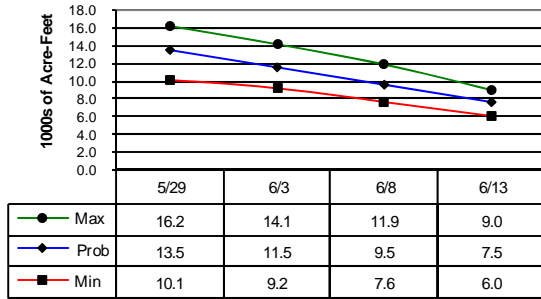
EF Carson River nr Gardnerville



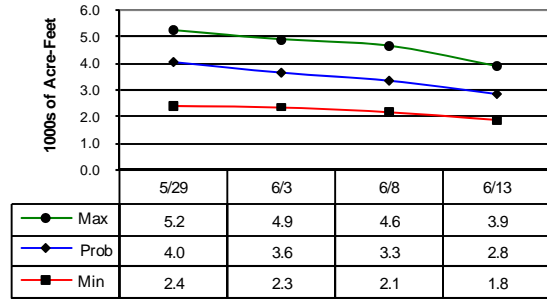
Carson River at Carson City



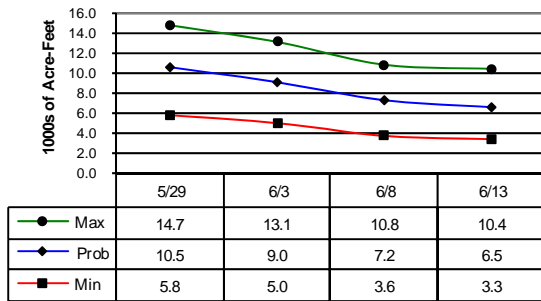
West Walker River at Coleville



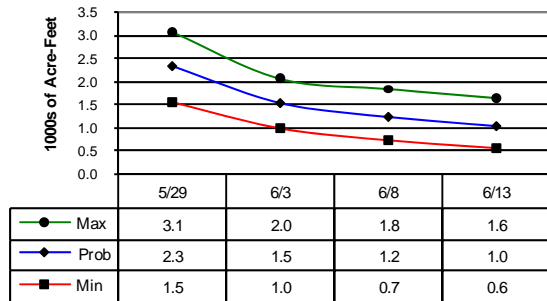
East Walker River at Bridgeport



Humboldt River at Palisade



Marys River below Twin Buttes



Humboldt River at Elko

