

NWS FORM E-5                      U.S. DEPARTMENT OF COMMERCE                      HYDROLOGIC SERVICE AREA:  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICE                      **SAN JOAQUIN VALLEY - HANFORD , CA**

MONTHLY REPORT OF RIVER AND  
FLOOD CONDITIONS

REPORT FOR:

MONTH: **JUNE**      YEAR: **2008**

**TO:** Hydrometeorological Information Center, W/OH12x1                      **SIGNATURE:**  
National Weather Service/Office of Hydrology  
1325 East-West Highway #7116                      Kevin Durfee  
Silver Spring, MD 20910                      (In Charge of Hydrologic Service Area)

DATE: July 2, 2008

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

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| **X** | An **X** inside this box indicates that no flooding occurred for the month  
+---+ within this hydrologic service area.

The month was typically dry with temperatures averaging slightly above normal. A prevailing onshore flow kept temperatures slightly cooler than normal for most of the first eleven days of the month as a series of dry upper level troughs moved across the state. A strong upper level ridge over the four corners region dominated the weather pattern from the 13<sup>th</sup> through the 22<sup>nd</sup> and brought well above normal temperatures to the HSA. On the 21<sup>st</sup>, a weak upper level disturbance developed off the central California coast, moved northeastward, and produced isolated thunderstorms with dry lightning over the northern portion of the HSA during the afternoon and evening hours. Lightning from these storms sparked numerous wildfires in the foothills and higher elevations of Mariposa county that evening. Smoke from these wildfires, in addition to the several hundred wildfires burning across the northern part of the state, prompted air quality alerts from the 23<sup>rd</sup> through the 29<sup>th</sup>. During this period, the four corners ridge retreated eastward while an upper level trough over the Eastern Pacific produced a dry southwesterly flow aloft across the central California interior.

NO HYDROLOGIC PRODUCTS WERE ISSUED THIS MONTH.

cc:  
W/OH12x1  
W/WR2  
CNRFC  
WFO HNX  
WFO STO