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**

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: **AUGUST** YEAR: **2009**

TO: Hydrometeorological Information Center, W/OH12x1
National Weather Service/Office of Hydrology
1325 East-West Highway #7116
Silver Spring, MD 20910

SIGNATURE:
Kevin Durfee
(In Charge of Hydrologic Service Area)

DATE: September 1, 2009

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).

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

August was characteristically dry with temperatures averaging slightly above normal. A southwesterly flow aloft prevailed over the HSA for much of the month as central California remained situated between an upper level ridge of high pressure over the Four Corners region and a quasi-stationary trough over the eastern Pacific. On a few occasions, the eastern Pacific trough deepened and brought healthy pushes of marine-cooled air into the San Joaquin Valley. But for a majority of the month, the ridge over the Four Corners region dominated the pattern with warmer than normal temperatures.

A brief influx of subtropical moisture occurred from the 21st until the 23rd, and was brought northward into the mountains and desert by an upper level low off the coast of Baja California. Scattered thunderstorms that developed as a result produced local rain amounts of up to 1.5 inches over the higher elevations of the Sierra, but without any incidence of flooding.

NO HYDROLOGIC PRODUCTS WERE ISSUED THIS MONTH

cc:

W/OH12x1
W/WR2
CNRFC
WFO HNX
WFO STO