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: **MARCH** YEAR: **2008**

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: April 9, 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).

X

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

Hydrologically, the month was a big disappointment. An upper level ridge of High pressure deflected storm systems well north of the HSA during the month, except on one occasion. From the 13th through the 15th, a deep upper level trough moved across the state and brought showery weather to the central California interior. Unfortunately, the most notable aspect of this storm was its strong winds and not its precipitation. Rain totals from this system ranged from a paltry six hundredths of an inch in parts of the San Joaquin Valley to just under an inch in the wettest locations of the high Sierra. A weaker storm system moved eastward across the state on the 30th and brought some precipitation to the southern Sierra Nevada with local snow accumulations of up to 6 inches over the higher elevations.

In summary, March, 2008 ended up as one of the driest on record…the 2nd driest in Bakersfield and the 5th driest in Fresno, with monthly rainfall totals of a trace and two hundredths of an inch respectively. Temperature-wise, the month averaged slightly warmer than normal in most localities despite a couple of days of unseasonably cool weather during mid month.

As of April 1st, the snowpack in the southern Sierra Nevada averaged about 107 percent of normal and most of the major reservoirs were at 65 percent of their normal water capacity.

NO HYDROLOGIC PRODUCTS WERE ISSUED THIS MONTH.

cc:

W/OH12x1
W/WR2
CNRFC
WFO HNX
WFO STO