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: **JANUARY** YEAR: **2007**

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: February 7, 2007

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.

The month ended up being one of the driest Januarys on record (12th driest in Bakersfield and the 26th Driest in Fresno). There were only two systems that brought measurable precipitation to the central California interior…one on the 4th and the other during the 27th and 28th respectively. By the end of the month, the snow pack in the southern Sierra Nevada was only at 40 percent of normal. Fortunately, most of the reservoirs were at or just above full storage capacity, thanks to an abundance of water during the previous Winter season.

Temperatures averaged well below normal for the month as a very dry, arctic airmass settled into the Central California interior. This frigid airmass remained in place for much of the 2nd and 3rd week of the month and produced a long string of frosty nights in the San Joaquin Valley. The severest cold occurred during Martin Luther King, Jr weekend. During this time a hard freeze affected the region and caused millions of dollars of damage to the San Joaquin Valley citrus crop. It was the hardest freeze to hit the state in nearly 8 years.

NO HYDROLOGIC PRODUCTS WERE ISSUED THIS MONTH.

cc:

W/OH12x1
W/WR2
CNRFC
WFO HNX
WFO STO