

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: **2006**

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: February 1, 2006

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.

While a significant precipitation event during the first two days of the month caused urban and highway flooding, no flooding was observed on any of the mainstream rivers within the HSA. Larger reservoir releases during the second week of January produced higher flows along the upper San Joaquin River and lower Merced River. Consequently, the forecast point at Stevinson along the Merced River peaked slightly above monitor stage from 11Z January 8th until 09Z January 13th.

In the broader picture, the storm track was centered right over central California during the first couple days of the month. During this time, copious precipitation fell throughout the HSA. Rainfall totals in excess of 2 inches were reported across the central San Joaquin Valley while snow piled 3 to 4 feet deep over the highest elevations of the Sierra Nevada north of Kings Canyon. However, the combination of relatively dry antecedent conditions and large storage capacity of area reservoirs helped mitigate river and stream flooding.

Despite showery precipitation from the passage of an upper level trough on the 14th, much of the rest of the month was dry across the central California interior while the storm track resided over the Pacific Northwest.

HYDROLOGIC PRODUCTS ISSUED

Flood Watch for the entire HSA

0521Z

01-JAN

Flood Warning for all 7 counties within the HSA

0511Z

02-JAN

(Note: Subsequent Flood Statements were issued regularly through
this hydrologic event through 06Z, 03-JAN)

Hydrologic Statement for the Merced River @Stevinson

0703Z

03-JAN

Hydrologic Statement for the Merced River @Stevinson

1700Z

03-JAN

Hydrologic Statement for the Merced River @Stevinson

0000Z

04-JAN

Hydrologic Statement for the Merced River @Stevinson

1615Z

07-JAN

Hydrologic Statement for the Merced River @Stevinson

1615Z

08-JAN

Hydrologic Statement for the Merced River @Stevinson

1615Z

09-JAN

Hydrologic Statement for the Merced River @Stevinson

1628Z

10-JAN

Hydrologic Statement for the Merced River @Stevinson

1709Z

11-JAN

Hydrologic Statement for the Merced River @Stevinson

1620Z

12-JAN

CC:

W/OH12x1

W/WR2

CNRFC

WFO HNX

WFO STO