

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: **OCTOBER** YEAR: **2004**

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: November 3, 2004

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.

An upper level ridge of high pressure continued to bring dry weather and above normal temperatures to the central California interior through the middle of the month. Afterward, a major change in the overall pattern occurred as the upper level ridge shifted westward over the eastern Pacific and the jet stream dipped southward to bring cold, wet storms into California from the Gulf of Alaska.

The first major winterlike Storm arrived on the 16th and continued through the 19th, bringing copious precipitation to the HSA. The first heavy snowfall of the season accumulated to a depth of 2 to 4 feet over the highest elevations of the Sierra Nevada during this 3-day period. A second storm system brought several inches of new snow to the mountains and rain to the lower elevations on the 26th. This particular storm was colder and wetter than the first storm, and snow even blanketed the Kern County mountains.

By the end of the month, precipitation was 150 to 250 percent above normal for the season in many areas. However, despite an abundance of precipitation, water levels in most reservoirs remained low.

HYDROLOGIC PRODUCTS ISSUED

Small Stream Flood Advisory –Southeastern San Joaquin Valley	2308Z	26-OCT
Small Stream Flood Advisory – Kern County Mountains	2308Z	26-OCT

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