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: **FEBRUARY**   YEAR: **2010**

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: March 10, 2010

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 El Nino proved to be alive and well this month as several storm systems trekked across the central
California interior during the early and latter part of February. The combined effects of these storms
produced above normal precipitation for the third month in a row and maintained a healthy snowpack
over the high Sierra. A welcome break from wet weather occurred from the 10th through the 18th as a
block developed in the overall pattern and a strong upper level ridge of high pressure anchored itself
along the west coast. During this period, milder than normal afternoon temperatures prevailed throughout
the HSA under mostly clear skies.

At the end of the month, the snowpack over the southern Sierra Nevada averaged 110 percent of normal
while most of the major reservoirs in the HSA were at 50 percent of their normal water capacity.

HYDROLOGIC PRODUCTS ISSUED THIS MONTH

Small Stream Flood Advisory……………...Kern County mountains   2335Z   06-FEB
Urban and Small Stream Flood Advisory…Kern County desert   2327Z   09-FEB
Urban and Small Stream Flood Advisory…San Joaquin Valley north of
                                      Kern County   0232Z   24-FEB
Urban and Small Stream Flood Advisory…San Joaquin Valley and adjacent
                                      foothills   1824Z   27-FEB

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