

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: **MAY** YEAR: **2005**

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: June 7, 2005

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

The month was predominantly cooler and wetter than normal, especially across the northern half of the hydrologic service area. A persistent storm track extended from the Gulf of Alaska southeastward into California during the first 17 days

and was followed by dry and somewhat warmer weather during the remainder of the month as the westerlies retreated northward. However, warmer temperatures over the higher elevations, combined with excessive snowmelt, produced high water levels and flows on rivers throughout the hydrologic service area. On several occasions, the Pohono Bridge forecast point along the upper Merced River in Yosemite National Park peaked above flood stage during the second half of the month. (For details, see the supplemental E-3 form attached) In most instances, flooding within Yosemite National Park was confined to the Lower Pines and North Pines campgrounds as well as housekeeping camp. The most extensive flooding within Yosemite occurred on the afternoon of the 16th, as the river at Pohono peaked nearly 2.5 feet above flood stage and forced roads leading in and out of the park to close. Because of plenty of advance warning from the NWS and CNRFC, park officials were able to plan evacuations and keep visitors safe from rising flood waters. Subsequent flood statements and daily verbal briefings from the WFO San Joaquin Valley to Yosemite National Park continued through the 29th, after which time the upper Merced river at Pohono finally receded below flood stage. All other forecast points along the mainstem rivers, while supporting moderately high water flows, remained below their perspective monitor stages this month.

HYDROLOGIC PRODUCTS ISSUED

Urban/Small Stream Flood Advisory...Central/Southern San Joaquin Valley and adjacent foothills	1700z	05-MAY
Urban/Small Stream Flood Advisory...product extended for above areas	0236z	06-MAY
Flash Flood Warning...western Fresno County	0143z	06-MAY
Flash Flood Warning...extended for western Fresno County	0245z	06-MAY
Urban/Small Stream Flood Advisory...Kern County mountains and desert	0442z	06-MAY
Urban/Small Stream Flood Advisory...southwestern Fresno County	2319z	08-MAY
Flood Warning...Mariposa County...upper Merced River at Pohono Bridge (Note: subsequent Flood Statements issued twice daily through 5-17-05)	0145z	16-MAY
Hydrologic Outlook...Flood potential for all rivers & streams in the southern Sierra Nevada (Note: subsequent updates issued twice daily through 17z on 5-29-05)	1900z	19-MAY
Flood Warning...Mariposa County...upper Merced River at Pohono Bridge (Note: subsequent Flood Statements issued twice daily through 5-29-05)	0704z	20-MAY

cc:

W/OH12x1
W/WR2
CNRFC
WFO HNX
WFO STO