

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: **2005**

**TO:** Hydrometeorological Information Center, W/OH12x1  
 National Weather Service/Office of Hydrology  
 1325 East-West Highway #7116  
 Silver Spring, MD 20910  
 Service Area)

SIGNATURE:

Kevin Durfee  
 (In Charge of Hydrologic

DATE: November 15, 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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| **X** | An **X** inside this box indicates that no flooding occurred for the month  
 +---+ within this hydrologic service area.

No flooding occurred along any of the mainstem rivers in the San Joaquin Valley HSA during October, 2005.

During most of the month, an upper level ridge of High pressure brought dry weather with typically mild to warm afternoons and seasonably cool nights. During mid month, a strong upper level Low migrated southward from the coastal waters of Oregon to Point Conception, then stalled off the northern Baja coast on the 17<sup>th</sup>. By the evening of the 17<sup>th</sup>, tropical moisture that was drawn northward by this area of Low pressure caused numerous showers and thunderstorms to develop over the Kern County mountains and desert. Precipitation trained over the same areas for several hours, leading to a significant flash flood event in the vicinity of Frazier Park where nearly 3 inches of rain fell in just a few hours. Evacuations were conducted in the northern part of Frazier Park on the evening of the 17<sup>th</sup> where several homes were flooded with up to 4 feet of water.

Meanwhile, high water flooded several roads in the Kern County desert, including a stretch of highway 14 north of Rosamond as well as Redrock-Randsburg Road. Heavy rain also produced localized flooding and debris flows over the Grapevine, and closed northbound lanes of Interstate 5 for several hours. Localized flooding was also reported at the south end of the San Joaquin Valley on the night of the 17<sup>th</sup>, particularly in Lamont and Arvin. Although there were no deaths or reported injuries, property damage from the flooding was estimated at a total cost of \$75,000.

**HYDROLOGIC PRODUCTS ISSUED**

Small Stream Flood Advisory...Kern County Mountains	0106Z	18-OCT
Small Stream Flood Advisory...Kern County Desert	0127Z	18-OCT
Flash Flood Warning...Kern County Mountains (Frazier Park)	0133Z	18-OCT
Flash Flood Warning...Kern County Desert (Rosamond area)	0350Z	18-OCT
Flash Flood Warning...extended for the Kern Co mountains/desert	0418Z	18-OCT
Urban/Small Stream Flood Advisory...expanded to include south end of San Joaquin Valley in addition to Kern Co mountains/desert	0525Z	18-OCT
Flash Flood Warning...Kern County Desert	1118Z	18-OCT
Urban/Small Stream Flood Advisory...extended for south end of San Joaquin Valley, Kern County mountains/desert	1124Z	18-OCT
Flash Flood Warning...extended for the Kern County mountains/desert	1230Z	18-OCT
Flash Flood Warning...extended for the Kern County mountains/desert	1428Z	18-OCT

cc:

W/OH12x1  
W/WR2  
CNRFC  
WFO HNX  
WFO STO