

SAN JOAQUIN VALLEY - HANFORD , CA

REPORT FOR:

**MONTHLY REPORT OF RIVER AND
FLOOD CONDITIONS**

MONTH: **SEPTEMBER** YEAR: **2007**

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

SIGNATURE:

Kevin Durfee
(In Charge of Hydrologic Service Area)

DATE: October 1, 2007

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.

The first few days of the month brought triple digit heat to the San Joaquin Valley while monsoonal moisture sparked isolated afternoon and evening thunderstorms over the Kern County desert and along the Sierra Crest. A few thunderstorms became severe in the northwestern Mojave desert on the 1st and produced localized flooding and strong winds. One thunderstorm spawned a weak tornado in the vicinity of Rosamond on the 1st and downed several telephone poles and power lines. After Labor Day until about the 13th, temperatures averaged close to normal under a rather stagnant upper air pattern. During mid month, an upper level Low slowly deepened over the Pacific Northwest and carved out an unseasonably strong trough along the West coast during the 3rd week of the month. This system brought the first measurable rain since April to the San Joaquin Valley on the 21st and 22nd while a few inches of snow accumulated over the high Sierra. This slow moving trough kept temperatures well below normal from the 19th through the 24th. Temperatures finally warmed slightly above normal for the first time in nearly two weeks on the 26th and 27th. A dry cold frontal passage sent temperatures tumbling to May-like levels on the 28th and 29th. Chamber of Commerce weather finished out the month with temperatures recovering to near normal.

HYDROLOGIC PRODUCTS ISSUED

Flash Flood Warning for the Kern County desert	2343Z	01-SEP
Flash Flood Warning for the Kern County desert	0024Z	04-SEP
Urban and Small Stream Flood Advisory (Kern Co Mountains)	0226Z	22-SEP
Small Stream Flood Advisory (Kern Co Mountains)	0702Z	22-SEP
Urban and Small Stream Flood Advisory (Central and Southern San Joaquin Valley)	2245Z	22-SEP

Note: Numerous Flash Flood statements were issued as follow-up products to the Flash Flood Warnings listed above.

cc:

W/OH12x1
W/WR2
CNRFC
WFO HNX
WFO STO