



Water-Data Report 2008

## 11133700 Purisima Creek near Lompoc, CA

Santa Ynez River Basin

LOCATION.--Lat 34°41'34", long 120°25'51" referenced to North American Datum of 1927, Santa Barbara County, CA, Hydrologic Unit 18060010, in Purisima Grant, on right bank, 1.1 mi northeast of junction of Buener Road and Lompoc-Casmalia Road, and 4.0 mi northeast of Lompoc.

DRAINAGE AREA.--4.75 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1972-75 (continuous-record station), 1976 to current year.

REMARKS.--As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the U.S. Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low- or flood-flow analyses, depending on the type of data collected.

The following table contains the annual maximum discharge for this station. A crest-stage station is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for the current year is given. Information on some lower floods may have been obtained but is not published here. The years given in the period of record represent water years for which the annual maximum has been obtained.

#### MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jan 27	126	---	2.72	---