

Water-Data Report 2007

07055608 CROOKED CREEK AT YELLVILLE, AR

Upper White Basin Bull Shoals Lake Subbasin

LOCATION.--Lat 36°13′23″, long 92°40′47″ referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.9, T.18 N., R.16 W., Marion County, AR, Hydrologic Unit 11010003, on left bank at bridge on State Hwy 14 at Yellville.

DRAINAGE AREA .-- 406 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct 1958 to Sep 1988 operated as a partial-record station. Oct 1988 to Sep 1994 operated as a continuous-record gaging station. Oct 1994 to Sep 2001 operated as a partial-record station. Oct 2001 to Sep 2003 operated as a continuous-record gaging station. Returned to partial-record station Oct 2003 to current year.

REMARKS.--As the number of streams on which streamflow information is likely to be desired far exceeds the number of continuous-record stream-gaging stations feasible to operate at one time, the USGS collects limited streamflow data at sites other than the continuous-record 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-flow or floodflow analyses, depending on the type of data collected. The following table contains the annual maximum discharge for this partial-record station. A stage-discharge relation for the gage is developed from discharge measurements made by direct or indirect methods. 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 water year is given. Information on some lower floods may have been obtained but it is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft³/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Nov 30, 2006	2,280		7.34	