



Water-Data Report 2010

07358550 Gulpha Creek near Hot Springs, AR

Upper Ouachita Basin
Ouachita Headwaters Subbasin

LOCATION.--Lat 34°30'32", long 93°00'33" referenced to North American Datum of 1983, in SW ¼ NE ¼ NW ¼ sec.27, T.2 S., R.19 W., Garland County, AR, Hydrologic Unit 08040101, on right bank.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Jul 1970 to Nov 1971, Aug 2009 to current year.

GAGE.--Water-stage recorder. Satellite telemeter at station.

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 gage-height 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 stage-only station. Data collected at these stations are usable in low-flow or floodflow analyses, depending on the type of data collected. The following table contains the annual maximum stage for this stage-only station. Typically no discharge measurements are made at stage-only stations. Only the maximum gage-height for the water year is given. The years given in the period of record represent water years for which the annual maximum has been determined. Discharge measurements in the following table were made at this special study or miscellaneous site during the 2010 water year.

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Dec 24, 2009	---	---	8.14	---

DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Date	Discharge, in ft ³ /s	Gage height, in ft
Dec 21, 2009	4.95	4.06
Feb 11, 2010	19.4	4.28
Feb 11, 2010	20.4	4.28
Apr 20, 2010	3.01	4.01
Apr 20, 2010	3.74	4.02
Jun 9, 2010	2.38	3.97
Jun 9, 2010	2.61	3.97
Sep 16, 2010	1.86	3.93