



Water-Data Report 2009

**07047904 CLARK CORNER CUT-OFF NEAR COLT, AR**

St. Francis Basin  
L'Anguille Subbasin

LOCATION.--Lat 35°08'42", long 90°39'21" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.15, T.6 N., R.4 E., St Francis County, AR, Hydrologic Unit 08020205, at bridge on Old Military Rd, and 9.0 mi east of Colt.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Oct 1977 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 discharge measurements are made at sites not included in the continuous-record or partial-record program, these measurements, generally made in times of drought or flood to give better areal coverage to those events, and others collected for some special reason are called measurements at miscellaneous sites. Discharge measurements in the following table were made at this special study or miscellaneous site during the 2009 water year.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>	<b>Gage height, in ft</b>
Nov 20, 2008	234	19.34
Dec 19, 2008	1,310	23.00
Jan 9, 2009	4,060	22.23
Feb 12, 2009	11,700	28.61
Mar 26, 2009	6,310	24.31
Apr 9, 2009	3,480	25.09
May 14, 2009	26,700	41.48
Jun 18, 2009	8,850	27.23

## 07047904 CLARK CORNER CUT-OFF NEAR COLT, AR—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Oct 1977 to current year.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 3

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Instan- taneous dis- charge, ft <sup>3</sup> /s (00061)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Trans- parency Secchi disc, meters (00078)	Sampler type, code (84164)
<b>Nov</b> 20...	1015	770	234	9.4	79	8.3	383	8.1	.24	Sampler US DH-59
<b>Dec</b> 19...	0930	765	1,310	10.1	81	7.8	252	5.8	.18	Sampler US DH-59
<b>Jan</b> 09...	1005	767	4,060	11.5	91	7.6	224	5.5	.15	Sampler US DH-59
<b>Feb</b> 12...	0835	771	11,700	8.7	81	7.2	139	13.1	.15	Sampler US DH-59
<b>Mar</b> 26...	0950	760	6,310	7.9	80	7.4	148	15.9	.12	Sampler US DH-59
<b>Apr</b> 09...	1545	760	3,480	10.2	100	7.9	265	14.3	.24	Sampler US DH-59
<b>May</b> 14...	0740	768	26,700	9.2	103	7.9	176	21.2	.15	US P-61
<b>Jun</b> 18...	1015	764	8,850	7.1	88	7.2	147	25.9	.15	US P-61

## 07047904 CLARK CORNER CUT-OFF NEAR COLT, AR—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 3

Date	Sam- pling method, code (82398)	Bed	Bed	Bed	Bed	Bed	Suspnd.	Suspnd.	Suspnd.	Suspnd.	Suspnd.
		sediment, fall dia dst wat percent <62.5um (80158)	sediment, fall dia dst wat percent <.125mm (80159)	sediment, fall dia dst wat percent <.25mm (80160)	sediment, fall dia dst wat percent <.5 mm (80161)	sediment, fall dia dst wat percent <1 mm (80162)	sediment, fall dia dst wat percent <62.5um (70342)	sediment, fall dia dst wat percent <.125mm (70343)	sediment, fall dia dst wat percent <.25mm (70344)	sediment, fall dia dst wat percent <.5 mm (70345)	sediment, fall dia dst wat percent <1 mm (70346)
<b>Nov</b> 20...	EWI	2	16	99	100	--	91	91	95	100	--
<b>Dec</b> 19...	EWI	2	11	98	100	--	99	99	99	100	--
<b>Jan</b> 09...	EWI	2	4	95	100	--	99	99	99	100	--
<b>Feb</b> 12...	EWI	1	4	97	100	--	94	97	99	100	--
<b>Mar</b> 26...	EWI	1	16	96	98	100	99	99	99	100	--
<b>Apr</b> 09...	EWI	7	37	98	100	--	99	99	99	100	--
<b>May</b> 14...	EWI	1	10	99	100	--	93	97	97	97	100
<b>Jun</b> 18...	EWI	2	9	97	100	--	98	99	100	--	--

**07047904 CLARK CORNER CUT-OFF NEAR COLT, AR—Continued****WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008  
TO SEPTEMBER 2009**

Part 3 of 3

<b>Date</b>	<b>Sus- pended sedi- ment concen- tration mg/L (80154)</b>	<b>Sus- pended sedi- ment dis- charge, tons/d (80155)</b>
<b>Nov 20...</b>	62	39
<b>Dec 19...</b>	219	775
<b>Jan 09...</b>	141	1,550
<b>Feb 12...</b>	322	10,200
<b>Mar 26...</b>	409	6,970
<b>Apr 09...</b>	86	808
<b>May 14...</b>	88	6,340
<b>Jun 18...</b>	344	8,220