



Water-Data Report 2007

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 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 2007 water year.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[e, estimated]

Date	Discharge, in ft³/s	Gage height, in ft
Nov 16, 2006	10,100	24.07
Dec 7, 2006	10,100	26.60
Jan 10, 2007	13,400	30.81
Feb 14, 2007	5,240	23.05
Mar 14, 2007	7,040	25.76
Apr 18, 2007	7,820	25.28
May 10, 2007	e5,900	23.98
Jun 14, 2007	2,840	19.99

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WATER-QUALITY RECORDS

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 2

[Remark codes: E, estimated.]

Date	Time	Agency ana- lyzing sample, code (00028)	Instan- taneous dis- charge, cfs (00061)	Trans- parency Secchi disc, meters (00078)	Baro- metric pres- sure, mm Hg (00025)	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)	Suspnd.	Suspnd.	Suspnd.
											sedi- ment, faldia dst wat percent (70342)	sedi- ment, faldia dst wat percent (70343)	sedi- ment, faldia dst wat percent (70344)
Nov 16...	0845	82913	10,000	.18	754	7.1	66	7.2	209	11.4	87	92	99
Dec 07...	0810	82913	10,100	.18	773	7.1	57	7.3	185	6.3	67	75	98
Jan 10...	1550	82913	13,400	.12	768	7.5	62	7.2	172	7.5	83	86	100
Feb 14...	1340	82913	5,240	.21	771	6.9	53	7.2	240	4.6	97	97	97
Mar 14...	1110	82913	7,040	.15	765	7.6	77	7.2	215	15.9	99	99	100
Apr 18...	1435	--	7,820	.18	760	9.2	90	7.1	191	14.3	95	98	100
May 10...	0935	--	E5,900	.09	765	5.8	70	7.3	130	25.3	98	99	100
Jun 14...	1420	--	2,840	.18	763	7.8	98	7.3	213	27.1	100	--	--

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 2

[Remark codes: E, estimated.]

Date	Suspnd. sedi-ment, falldia dst wat percent <.5 mm (70345)	Sus-pended sedi-ment concen-tration mg/L (80154)	Sus-pended sedi-ment dis-charge, tons/d (80155)	Bed sedi-ment, falldia dst wat percent <.063mm (80158)	Bed sedi-ment, falldia dst wat percent <.125mm (80159)	Bed sedi-ment, falldia dst wat percent <.25mm (80160)	Bed sedi-ment, falldia dst wat percent <.5 mm (80161)
Nov							
16...	100	168	4,540	4	12	99	100
Dec							
07...	100	138	3,760	4	12	99	100
Jan							
10...	--	155	5,610	4	21	99	100
Feb							
14...	100	61	863	1	4	99	100
Mar							
14...	--	69	1,310	1	4	99	100
Apr							
18...	--	238	5,030	2	4	99	100
May							
10...	--	122	--	2	5	98	100
Jun							
14...	--	76	583	2	6	99	100