Water-Data Report 2013

07366200 Little Corney Bayou near Lillie, LA

Lower Ouachita Basin
Bayou D'Arbonne Subbasin

LOCATION.--Lat 32°55′45″, long 92°37′58″ referenced to North American Datum of 1927, in NW ¼ sec.1, T.22 N., R.3 W., Union Parish, LA, Hydrologic Unit 08040206, left bank on downstream side of bridge on State Highway 15, 1.4 mi east of Lillie, and 2.6 mi upstream from mouth.

DRAINAGE AREA.--208.00 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1955 to current year.

REVISED RECORDS.--WDR LA-79-1: 1978(M).

GAGE.--Water-stage recorder. Datum of gage is 91.48 ft above NGVD of 1929. October 1955 to Jan. 26, 1956, nonrecording gage, Jan. 27, 1956 to May 31, 1978, water-stage recorder, at site 500 ft downstream at same datum.

REMARKS.--Records good above 100 cfs, fair between 100 cfs and 50 cfs, and poor below, except for estimated record, which is poor. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jan 14	1100	*1,270	*7.77

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 07366200, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/07366200.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	68	32	74	254	85	124	302	67	19	2.3	5.6	0.00
2	69	33	79	317	79	89	393	94	131	2.0	1.6	0.00
3	63	34	78	295	72	67	427	86	269	1.5	0.40	0.00
4	52	34	67	284	63	56	430	77	258	1.1	0.07	0.00
5	34	35	83	278	56	53	382	66	349	0.70	0.14	0.00
6	16	37	100	245	51	45	303	57	506	0.40	0.23	0.00
7	5.5	40	94	151	48	39	252	48	329	0.25	0.21	0.00
8	2.3	41	75	93	46	36	211	42	150	0.14	0.18	0.00
9	1.2	45	61	80	43	34	151	37	146	0.08	0.12	0.00
10	0.98	56	71	160	128	40	112	36	151	0.04	0.07	0.00
11	3.0	57	98	276	318	103	526	52	83	0.02	0.04	0.00
12	3.5	68	92	281	388	111	1,000	55	39	0.00	0.02	0.00
13	4.1	84	82	576	550	107	967	39	24	0.00	0.02	0.00
14	32	90	78	1,160	541	91	1,050	37	16	0.00	0.01	0.00
15	106	96	67	888	427	68	789	28	11	0.00	0.00	0.00
16	116	92	93	809	337	52	452	22	12	0.00	0.00	0.00
17	103	85	126	774	239	43	240	95	15	0.00	0.00	0.00
18	66	76	132	532	141	39	154	156	17	0.00	0.00	0.00
19	36	66	115	337	132	33	305	180	36	0.00	0.00	0.00
20	17	62	83	208	155	29	310	184	27	0.00	0.00	0.00
21	5.7	56	65	133	137	25	285	129	16	0.00	0.00	0.00
22	1.9	48	52	99	113	38	266	106	10	0.00	0.00	0.00
23	3.8	38	43	84	94	141	228	129	8.3	0.00	0.00	0.00
24	9.1	33	39	77	84	464	144	138	7.3	0.00	0.00	0.00
25	13	35	68	71	105	783	94	125	10	0.00	0.00	0.00
26	17	38	177	68	281	508	77	75	8.3	0.00	0.00	0.00
27	24	60	209	68	229	360	70	43	6.1	3.3	0.00	0.00
28	27	61	222	70	150	302	70	31	4.5	17	0.00	0.00
29	29	75	243	75	---	201	76	23	3.6	32	0.00	0.00
30	32	77	236	93	---	107	70	18	2.9	31	0.00	0.00
31	33	---	209	102	---	152	---	17	---	15	0.00	---
Total	994.08	1,684	3,311	8,938	5,092	4,340	10,136	2,292	2,665.0	106.83	8.71	0.00
Mean	32.1	56.1	107	288	182	140	338	73.9	88.8	3.45	0.28	0.00
Max	116	96	243	1,160	550	783	1,050	184	506	32	5.6	0.00
Min	0.98	32	39	68	43	25	70	17	2.9	0.00	0.00	0.00
Ac-ft	1,970	3,340	6,570	17,730	10,100	8,610	20,100	4,550	5,290	212	17	0.00
Cfsm	0.15	0.27	0.51	1.39	0.87	0.67	1.62	0.36	0.43	0.02	0.00	0.00
In.	0.18	0.30	0.59	1.60	0.91	0.78	1.81	0.41	0.48	0.02	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	78.9	140	286	332	397	380	363	221	137	68.5	25.4	41.7
Max	1,718	977	1,333	1,140	1,256	1,222	2,764	852	1,391	985	202	464
(WY)	(2010)	(1958)	(2002)	(1974)	(1975)	(2001)	(1991)	(1991)	(1974)	(1989)	(1996)	(1974)
Min	0.00	0.00	20.7	34.4	45.4	36.6	49.8	2.93	1.46	0.01	0.00	0.00
(WY)	(2012)	(2012)	(1957)	(2000)	(2000)	(2011)	(1981)	(2012)	(2012)	(2011)	(2006)	(2000)

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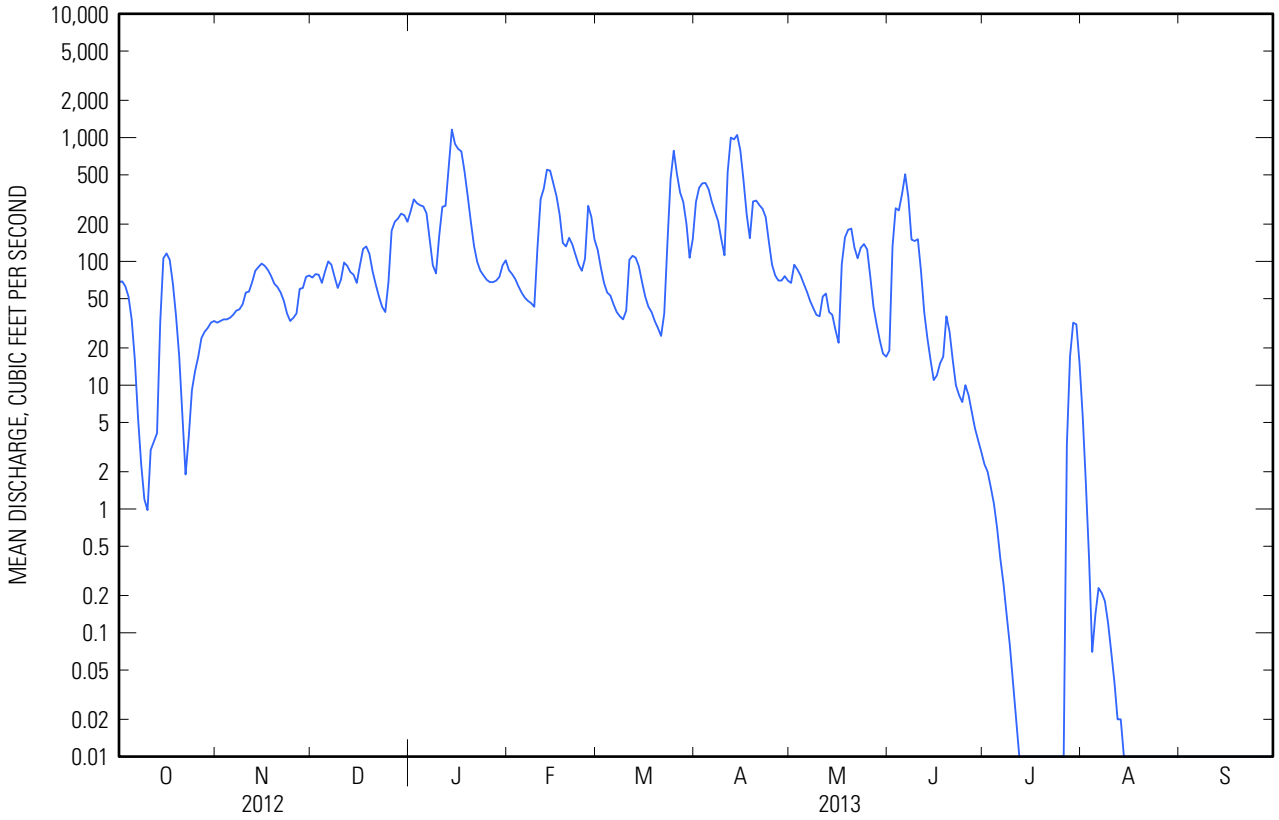
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1956 - 2013	
Annual total	38,357.73		39,567.62			
Annual mean	105		108		205	
Highest annual mean					502	1958
Lowest annual mean					42.8	2011
Highest daily mean	4,270	Mar 23	1,160	Jan 14	20,000	Apr 28, 1958
Lowest daily mean	0.00	Jun 5	[b]0.00		[a]0.00	
Annual seven-day minimum	0.00	Jun 5	[b]0.00		[a]0.00	
Maximum peak flow			1,270	Jan 14	24,000	Jun 9, 1974
Maximum peak stage			7.77	Jan 14	17.54	Jun 9, 1974
Instantaneous low flow			[b]0.00		[a]0.00	
Annual runoff (ac-ft)	76,080		78,480		148,500	
Annual runoff (cfsm)	0.504		0.521		0.985	
Annual runoff (inches)	6.86		7.08		13.39	
10 percent exceeds	188		298		529	
50 percent exceeds	33		52		48	
90 percent exceeds	0.00		0.00		3.0	

[a] At times most years.
[b] Many days.



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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.24	3.87	4.30	5.71	4.38	4.68	5.94	3.76	2.95	3.04	3.19	2.08
2	4.25	3.88	4.34	6.02	4.34	4.42	6.29	4.08	4.50	3.02	2.99	2.04
3	4.20	3.89	4.33	5.93	4.28	4.24	6.38	3.99	5.80	2.99	2.89	2.02
4	4.09	3.90	4.24	5.88	4.20	4.13	6.39	3.88	5.75	2.97	2.78	1.98
5	3.90	3.90	4.37	5.85	4.14	4.10	6.25	3.75	6.11	2.93	2.82	1.94
6	3.62	3.93	4.51	5.66	4.08	4.02	5.96	3.62	6.58	2.89	2.86	1.91
7	3.40	3.96	4.46	4.92	4.05	3.96	5.71	3.49	6.02	2.86	2.85	1.88
8	3.29	3.98	4.30	4.45	4.03	3.92	5.43	3.40	4.72	2.83	2.84	1.85
9	3.23	4.02	4.19	4.35	4.00	3.89	4.79	3.31	4.66	2.79	2.81	1.82
10	3.22	4.13	4.27	5.00	4.71	3.96	4.35	3.30	4.73	2.76	2.78	1.78
11	3.32	4.14	4.49	5.84	6.03	4.53	6.43	3.54	3.94	2.73	2.75	1.75
12	3.34	4.25	4.45	5.86	6.25	4.59	7.44	3.59	3.35	2.69	2.72	1.73
13	3.36	4.38	4.37	6.68	6.68	4.56	7.40	3.36	3.06	2.65	2.73	1.70
14	3.81	4.42	4.33	7.64	6.65	4.43	7.51	3.32	2.87	2.61	2.71	1.66
15	4.55	4.47	4.24	7.28	6.38	4.25	7.12	3.15	2.73	2.58	2.68	1.63
16	4.63	4.44	4.45	7.16	6.10	4.09	6.43	3.03	2.73	2.55	2.65	1.59
17	4.53	4.39	4.70	7.10	5.62	4.00	5.58	4.05	2.83	2.52	2.62	1.57
18	4.22	4.31	4.74	6.63	4.84	3.95	4.77	4.80	2.89	2.49	2.58	1.55
19	3.92	4.23	4.62	6.09	4.75	3.89	5.95	5.15	3.30	2.50	2.55	1.53
20	3.65	4.19	4.37	5.39	4.94	3.83	5.99	5.19	3.12	2.48	2.51	1.62
21	3.40	4.14	4.22	4.75	4.78	3.78	5.88	4.49	2.88	2.46	2.48	1.94
22	3.27	4.06	4.10	4.50	4.60	3.92	5.79	4.21	2.70	2.43	2.44	1.93
23	3.34	3.94	4.00	4.38	4.46	4.82	5.56	4.46	2.62	2.39	2.40	1.92
24	3.50	3.88	3.95	4.33	4.38	6.37	4.67	4.56	2.58	2.38	2.37	2.02
25	3.58	3.91	4.22	4.27	4.55	7.12	4.08	4.43	2.75	2.35	2.33	2.05
26	3.65	3.94	5.15	4.24	5.85	6.57	3.88	3.85	2.88	2.34	2.29	2.03
27	3.76	4.17	5.43	4.24	5.54	6.18	3.80	3.42	2.96	3.02	2.25	2.02
28	3.80	4.18	5.52	4.26	4.90	5.96	3.80	3.21	3.05	3.49	2.22	2.01
29	3.84	4.31	5.66	4.31	---	5.31	3.87	3.04	3.10	3.76	2.18	2.15
30	3.87	4.32	5.62	4.45	---	4.47	3.80	2.92	3.07	3.76	2.15	2.26
31	3.88	---	5.43	4.52	---	4.88	---	2.90	---	3.45	2.11	---
Max	4.63	4.47	5.66	7.64	6.68	7.12	7.51	5.19	6.58	3.76	3.19	2.26
Min	3.22	3.87	3.95	4.24	4.00	3.78	3.80	2.90	2.58	2.34	2.11	1.53