08014500 Ouiska Chitto Creek Near Oberlin, LA

Calcasieu-Mermentau Basin
Whisky Chitto Subbasin

LOCATION.--Lat 30°41'55.5", long 92°53'35.5" referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.20, T.4 S., R.5 W., Allen Parish, LA, Hydrologic Unit 08080204, at bridge on State Highway 26, 1 mile downstream from Tenmile Creek, 8 mile upstream from Bundick Creek, and 10 mile northwest of Oberlin.

DRAINAGE AREA.--510.00 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WDR LA-84-1: 1983(M).

GAGE.--Water-stage recorder. Datum of gage is 46.24 ft above NGVD 1929. Prior to October 19, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good, except for periods of estimated record which are poor. Satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of 25.7 ft, from floodmarks preserved by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 22	0630	*5,070	*14.72
May 4	1900	3,180	11.95

Minimum discharge, 110 ft^3/s, Sept. 11, 12, gage height, 2.02 ft.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	164	131	655	661	215	231	1,500	620	229	144	161	128
2	159	132	866	497	215	226	823	486	220	145	174	123
3	154	132	538	426	228	221	669	698	214	145	212	120
4	151	133	414	402	405	216	596	2,890	218	143	177	119
5	147	134	361	517	414	212	563	3,060	328	142	159	117
6	144	134	378	626	309	209	493	2,720	297	148	151	115
7	143	139	430	837	260	206	437	1,940	253	145	146	115
8	141	140	368	819	234	206	400	922	222	143	141	114
9	139	140	342	645	226	203	372	643	208	148	138	113
10	137	141	763	491	222	201	353	522	199	151	137	112
11	138	149	1,610	407	219	197	334	454	192	153	135	112
12	138	247	1,950	366	216	196	334	588	189	147	138	116
13	135	252	2,120	343	223	246	372	630	184	142	136	126
14	134	445	2,220	320	290	756	386	776	180	139	133	130
15	133	538	1,730	299	1,160	1,500	533	544	175	137	131	150
16	133	342	1,050	283	1,430	1,790	433	409	172	137	129	161
17	134	256	643	271	1,180	1,950	357	353	169	139	130	158
18	131	221	746	265	825	1,930	891	343	165	140	131	153
19	129	205	793	259	528	1,300	3,230	353	163	143	128	155
20	130	196	795	253	432	732	4,190	328	161	157	134	147
21	131	188	678	248	379	558	4,500	294	159	165	136	140
22	129	185	540	240	330	462	4,950	273	157	164	140	137
23	128	183	456	232	299	401	3,850	258	155	158	137	133
24	128	184	400	228	283	360	1,670	250	153	157	133	129
25	128	185	383	225	272	337	809	271	151	155	131	134
26	128	186	582	e223	258	472	632	305	151	156	126	134
27	128	194	758	219	249	1,430	537	382	151	149	133	129
28	128	210	786	219	240	2,310	498	470	152	145	137	125
29	129	207	1,240	218	---	2,550	505	416	149	144	134	123
30	129	228	1,250	218	---	2,800	691	289	146	153	127	120
31	130	---	1,000	216	---	2,600	---	251	---	158	130	---
Total	4,230	6,157	26,845	11,473	11,541	27,008	35,908	22,738	5,662	4,592	4,385	3,888
Mean	136	205	866	370	412	871	1,197	733	189	148	141	130
Max	164	538	2,220	837	1,430	2,800	4,950	3,060	328	165	212	161
Min	128	131	342	216	215	196	334	250	146	137	126	112
Ac-ft	8,390	12,210	53,250	22,760	22,890	53,570	71,220	45,100	11,230	9,110	8,700	7,710
Cfsm	0.27	0.40	1.70	0.73	0.81	1.71	2.35	1.44	0.37	0.29	0.28	0.25
In.	0.31	0.45	1.96	0.84	0.84	1.97	2.62	1.66	0.41	0.33	0.32	0.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	447	704	1,071	1,214	1,307	1,134	1,004	1,023	621	465	375	380
Max	2,877	4,128	6,076	3,781	3,326	3,354	3,630	12,090	4,192	4,063	4,264	2,314
(WY)	(1985)	(2003)	(1983)	(1974)	(1984)	(1995)	(1949)	(1953)	(1989)	(1989)	(1940)	(1958)
Min	99.1	135	144	162	148	230	228	180	117	121	106	115
(WY)	(1957)	(1955)	(1955)	(2000)	(2000)	(2000)	(1963)	(2001)	(2008)	(2008)	(2000)	(1954)

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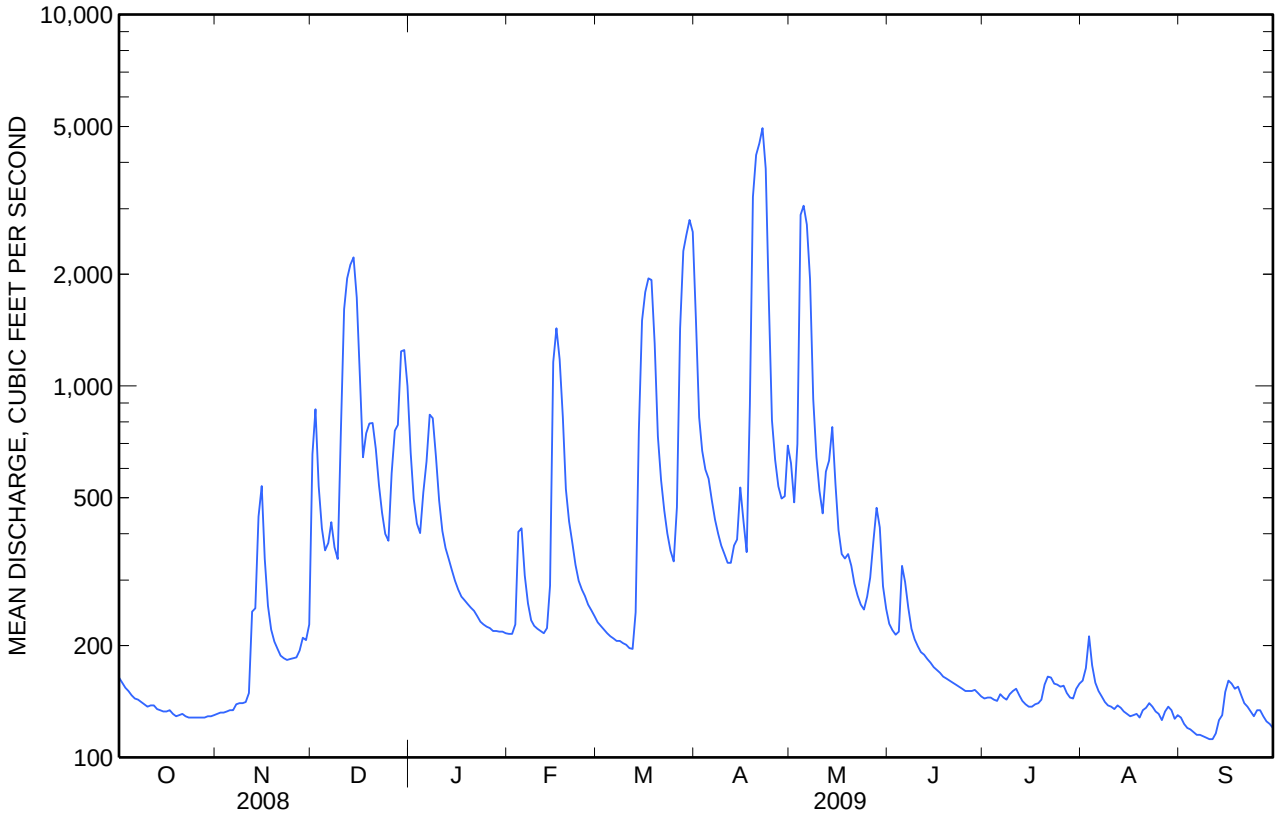
SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1940 - 2009	
Annual total	186,695		164,427			
Annual mean	510		450		810	
Highest annual mean					1,643	1953
Lowest annual mean					258	2000
Highest daily mean	7,170	Sep 15	4,950	Apr 22	108,000	May 19, 1953
Lowest daily mean	101	Jun 8	112	Sep 10	87.1	Sep 7, 2000
Annual seven-day minimum	101	Jun 8	114	Sep 6	89.6	Oct 14, 1956
Maximum peak flow			5,070	Apr 22	144,000	May 18, 1953
Maximum peak stage			14.72	Apr 22	32.80	May 18, 1953
Instantaneous low flow			110	Sep 11, 12	86.0	Sep 6, 2000
Annual runoff (ac-ft)	370,300		326,100		586,700	
Annual runoff (cfsm)	1.00		0.883		1.59	
Annual runoff (inches)	13.62		11.99		21.57	
10 percent exceeds	1,240		849		1,780	
50 percent exceeds	225		218		360	
90 percent exceeds	120		130		160	



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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.82	2.29	4.59	4.83	2.86	2.99	7.59	4.68	3.09	2.37	2.47	2.18
2	2.77	2.29	5.44	4.21	2.86	2.95	5.35	4.16	3.02	2.36	2.56	2.14
3	2.73	2.28	4.10	3.92	2.94	2.91	4.77	4.89	2.97	2.37	2.84	2.10
4	2.70	2.27	3.54	3.81	3.82	2.86	4.48	11.28	3.00	2.34	2.58	2.08
5	2.67	2.26	3.27	4.29	3.86	2.83	4.35	11.71	3.58	2.33	2.43	2.07
6	2.64	2.26	3.33	4.70	3.38	2.81	4.07	10.93	3.43	2.39	2.36	2.06
7	2.63	2.30	3.58	5.47	3.14	2.79	3.84	8.86	3.22	2.36	2.30	2.05
8	2.60	2.28	3.25	5.40	3.01	2.78	3.67	5.79	3.03	2.34	2.26	2.04
9	2.58	2.27	3.11	4.77	2.94	2.76	3.55	4.83	2.92	2.39	2.23	2.04
10	2.56	2.27	4.92	4.19	2.91	2.74	3.47	4.38	2.85	2.41	2.22	2.03
11	2.57	2.33	7.94	3.83	2.89	2.72	3.38	4.12	2.80	2.42	2.20	2.03
12	2.56	3.01	8.89	3.65	2.87	2.71	3.38	4.63	2.77	2.36	2.24	2.08
13	2.53	3.05	9.38	3.55	2.92	3.03	3.55	4.78	2.73	2.32	2.22	2.20
14	2.52	3.92	9.64	3.44	3.28	5.13	3.61	5.30	2.70	2.28	2.19	2.25
15	2.51	4.31	8.28	3.33	6.51	7.62	4.23	4.46	2.67	2.26	2.17	2.47
16	2.51	3.45	6.19	3.25	7.40	8.44	3.82	3.93	2.65	2.25	2.14	2.58
17	2.52	3.01	4.77	3.19	6.62	8.91	3.48	3.69	2.63	2.27	2.16	2.55
18	2.49	2.79	5.14	3.16	5.42	8.85	5.53	3.65	2.60	2.28	2.18	2.51
19	2.46	2.65	5.32	3.13	4.33	6.99	11.88	3.70	2.58	2.31	2.15	2.53
20	2.47	2.57	5.32	3.10	3.94	5.09	13.60	3.58	2.55	2.45	2.22	2.46
21	2.47	2.50	4.90	3.08	3.71	4.44	14.02	3.42	2.52	2.52	2.24	2.39
22	2.44	2.46	4.37	3.04	3.49	4.07	14.58	3.31	2.50	2.51	2.29	2.36
23	2.41	2.43	4.04	2.99	3.33	3.81	13.02	3.24	2.48	2.45	2.26	2.31
24	2.39	2.42	3.80	2.96	3.25	3.63	8.05	3.20	2.46	2.44	2.22	2.28
25	2.37	2.41	3.73	2.94	3.20	3.52	5.37	3.30	2.44	2.42	2.19	2.33
26	2.36	2.40	4.53	---	3.13	4.07	4.72	3.47	2.43	2.42	2.15	2.33
27	2.34	2.44	5.19	2.89	3.08	7.38	4.36	3.82	2.43	2.35	2.23	2.27
28	2.33	2.55	5.28	2.89	3.04	9.88	4.21	4.18	2.44	2.32	2.27	2.24
29	2.32	2.51	6.81	2.88	---	10.52	4.24	3.96	2.42	2.30	2.25	2.21
30	2.31	2.63	6.84	2.88	---	11.14	4.95	3.39	2.39	2.38	2.17	2.18
31	2.30	---	6.04	2.87	---	10.61	---	3.21	---	2.43	2.20	---
Max	2.82	4.31	9.64	---	7.40	11.14	14.58	11.71	3.58	2.52	2.84	2.58
Min	2.30	2.26	3.11	---	2.86	2.71	3.38	3.20	2.39	2.25	2.14	2.03