07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS

Yazoo Basin
Little Tallahatchie Subbasin

LOCATION.--Lat 34°28′57″, long 89°13′28″ referenced to North American Datum of 1983, in SW ¼ SW ¼ sec.8, T.7 S., R.1 E., Union County, MS, Hydrologic Unit 08030201, Chickasaw Meridian, on right bank at downstream side of bridge on State Highway 30, 0.8 mi northeast of Etta, 3.8 mi upstream from Puskus Creek, 5.0 mi downstream from Locks Creek, 12.3 mi west of New Albany, and 55.0 mi upstream from head of Panola-Quitman Floodway.

DRAINAGE AREA.--526 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1938 to current year. November 1936 to May 1937 (gage heights and discharge measurements only) in reports of U. S. Army Corps of Engineers, Vicksburg district. Prior to October 1971 published as Tallahatchie River at Etta.

REVISED RECORDS.--WSP 897: Drainage area. WSP 1211: 1948, 1949(M).

GAGE.--Water-stage recorder. Datum of gage is 273 ft above NGVD of 1929 (levels by U. S. Army Corps of Engineers). Nov. 23, 1936 to May 31, 1937, nonrecording gage at same site at datum 5.33 ft higher. Sept. 24, 1938, to Mar. 16, 1939, nonrecording gage, Mar. 17, 1939 to Aug. 25, 1952, water-stage recorder, and Aug. 26, 1952 to June 22, 1953, nonrecording gage, all at same site. Sept. 24, 1938, to Sept. 30, 1952, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Aug. 29 - Sept. 10. Records good except for estimated daily discharges, which are poor. U.S. Army Corp of Engineers satellite telemeter at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 13,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 5	0500	13,300	24.76
May 3	1600	*15,200	*25.03
May 11	1800	13,300	24.75

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	38	48	181	4,990	314	3,210	198	277	57	74	e56
2	15	35	47	134	1,280	285	2,290	333	241	55	51	e55
3	15	32	55	109	673	269	3,900	12,400	197	53	271	e53
4	15	32	56	111	1,770	4,670	6,940	6,240	166	55	51	e96
5	15	31	51	113	1,250	1,680	10,000	1,720	145	71	36	e75
6	15	34	47	131	2,350	715	3,190	667	129	68	32	e56
7	15	38	44	125	1,050	550	1,130	460	117	57	430	e54
8	15	34	43	119	589	551	806	2,620	110	52	728	e52
9	17	34	45	539	442	567	638	2,860	102	54	78	e63
10	16	33	44	1,360	344	437	547	786	95	95	50	e58
11	16	32	53	2,390	291	355	489	10,900	94	428	46	48
12	16	32	125	573	282	313	434	6,270	108	59	53	43
13	16	33	523	360	313	276	347	1,750	226	43	93	39
14	16	39	173	259	254	2,580	313	746	427	40	54	44
15	18	67	116	203	227	3,930	286	2,080	235	37	41	74
16	23	46	410	176	210	2,250	267	2,830	125	35	64	51
17	27	39	178	180	384	897	240	1,020	100	34	58	44
18	72	38	107	167	452	623	239	622	85	34	42	40
19	121	37	88	140	263	4,170	456	471	82	33	38	40
20	61	36	666	120	210	2,970	310	357	75	32	797	312
21	30	41	1,260	106	192	876	239	270	73	31	1,360	122
22	225	74	364	151	591	607	206	216	71	31	1,170	64
23	1,880	82	271	308	529	460	186	201	68	31	163	51
24	372	54	198	206	333	376	163	200	68	32	123	46
25	161	55	143	143	278	325	147	304	65	31	407	42
26	139	135	121	134	797	298	160	164	63	31	176	40
27	84	116	156	137	513	279	387	427	62	42	100	37
28	57	73	921	124	333	261	1,490	2,900	60	42	75	36
29	45	57	1,090	378	280	227	464	892	59	35	e64	35
30	39	51	386	1,200	---	600	277	503	58	33	e61	34
31	39	---	258	1,300	---	2,930	---	356	---	48	e58	---
Total	3,610	1,478	8,087	11,677	21,470	35,641	39,751	61,763	3,783	1,779	6,844	1,860
Mean	116	49.3	261	377	740	1,150	1,325	1,992	126	57.4	221	62.0
Max	1,880	135	1,260	2,390	4,990	4,670	10,000	12,400	427	428	1,360	312
Min	15	31	43	106	192	227	147	164	58	31	32	34
Med	23	38	125	167	384	551	410	667	98	42	64	51
Cfsm	0.22	0.09	0.50	0.72	1.41	2.19	2.52	3.79	0.24	0.11	0.42	0.12
In.	0.26	0.10	0.57	0.83	1.52	2.52	2.81	4.37	0.27	0.13	0.48	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2008, BY WATER YEAR (WY)

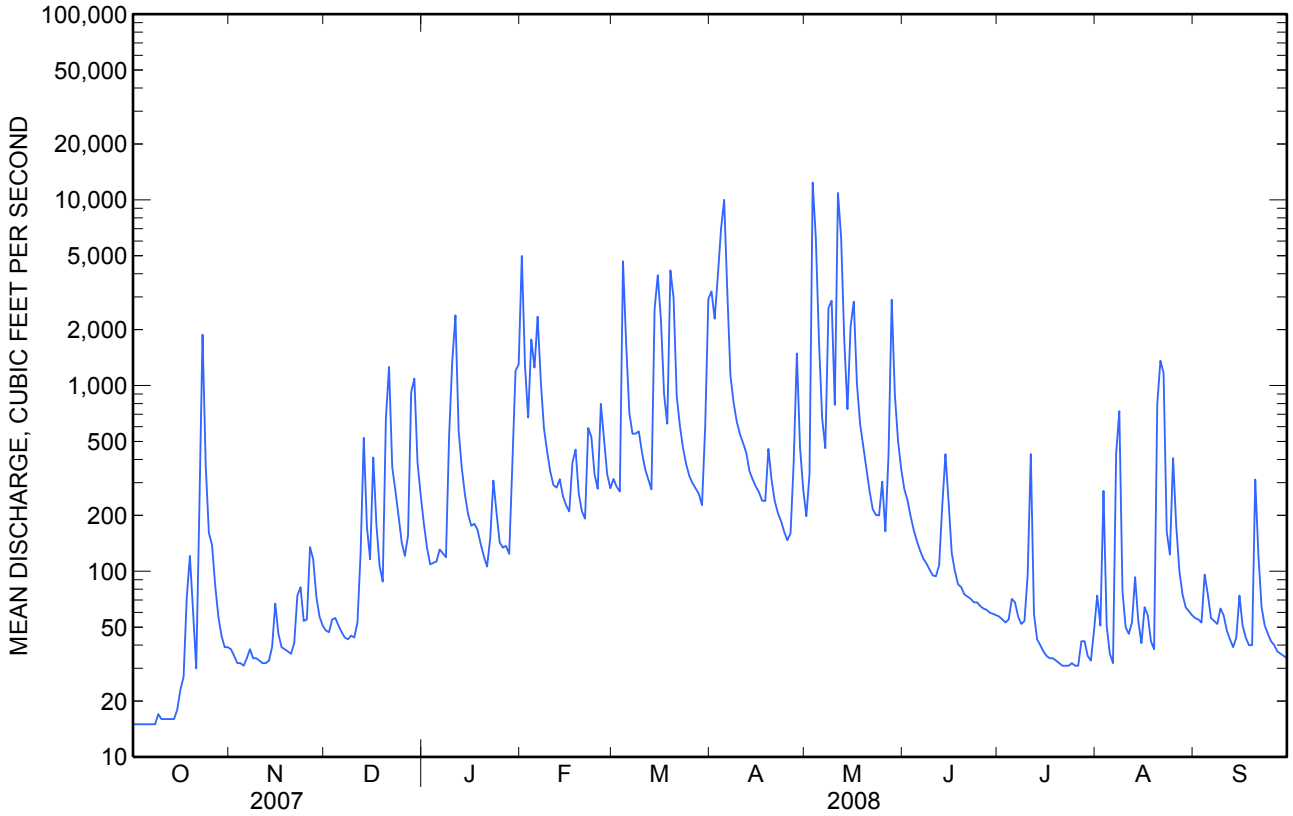
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	166	696	1,248	1,497	1,700	1,730	1,382	945	570	298	175	191
Max	1,400	3,877	6,915	5,745	5,856	6,449	4,492	4,399	3,673	1,974	1,446	1,930
(WY)	(2003)	(1958)	(1983)	(1974)	(1948)	(1973)	(1991)	(1983)	(1997)	(1989)	(1967)	(1958)
Min	9.37	18.4	56.9	65.5	151	229	120	107	31.4	30.4	13.2	13.2
(WY)	(1944)	(1957)	(1939)	(1963)	(2000)	(2007)	(1986)	(1943)	(1988)	(2000)	(1954)	(1954)

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS—Continued

SUMMARY STATISTICS

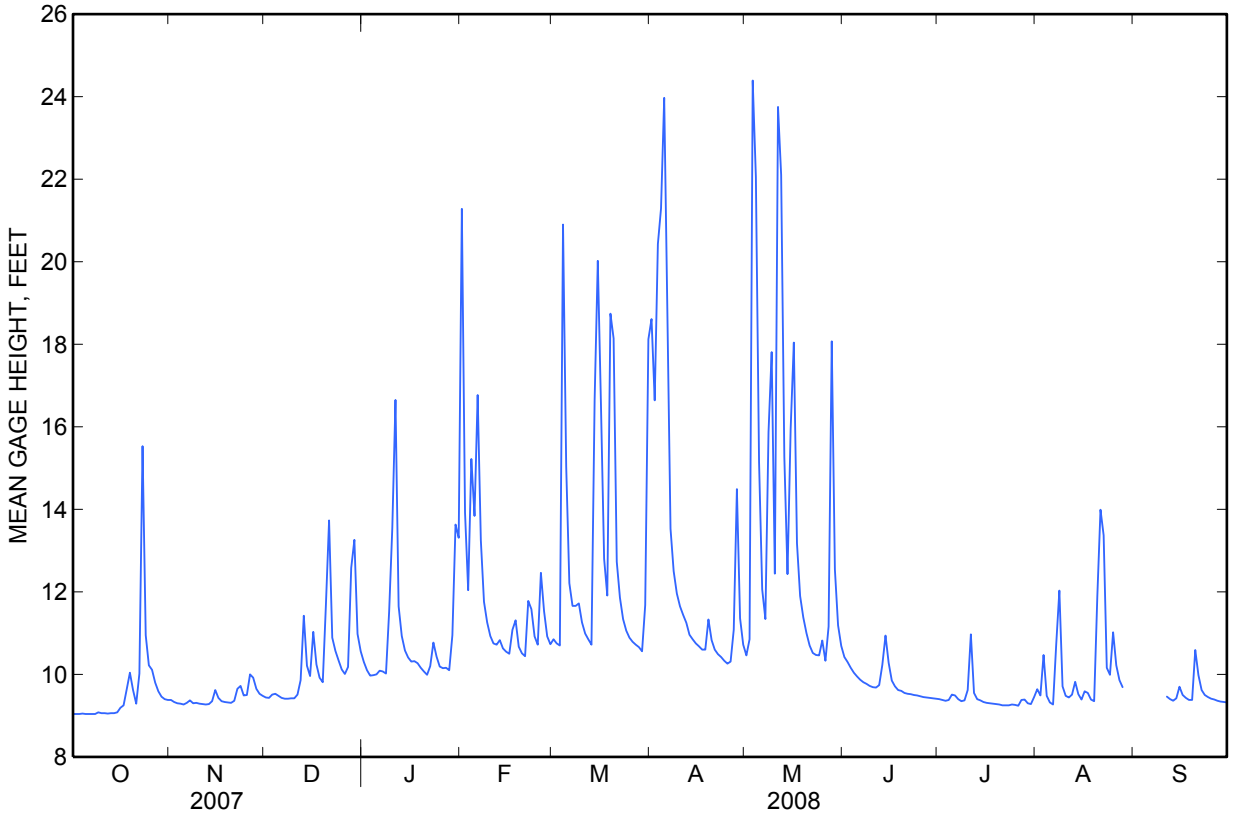
	Calendar Year 2007		Water Year 2008		Water Years 1939 - 2008	
Annual total	101,265		197,743			
Annual mean	277		540		879	
Highest annual mean					1,945	1983
Lowest annual mean					214	2000
Highest daily mean	15,200	Jan 5	12,400	May 3	53,800	Mar 22, 1955
Lowest daily mean	12	Aug 24	15	Oct 1	4.1	Oct 3, 1938
Annual seven-day minimum	14	Aug 19	15	Oct 1	4.3	Oct 3, 1938
Maximum peak flow			15,200	May 3	85,200	May 19, 1983
Maximum peak stage			25.03	May 3	29.37	Nov 30, 2001
Instantaneous low flow			14	Oct 1[a]	4.1	Oct 3, 1938
Annual runoff (cfsm)	0.527		1.03		1.67	
Annual runoff (inches)	7.16		13.98		22.70	
10 percent exceeds	515		1,250		1,830	
50 percent exceeds	65		132		196	
90 percent exceeds	15		34		27	

[a]Also Oct. 2-5.



07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.04	9.38	9.44	10.30	21.28	10.85	18.61	10.46	10.42	9.40	9.64	---
2	9.04	9.33	9.43	10.10	13.92	10.75	16.64	10.85	10.30	9.38	9.49	---
3	9.04	9.30	9.51	9.97	12.04	10.70	20.43	24.39	10.16	9.36	10.47	---
4	9.05	9.29	9.53	9.98	15.22	20.90	21.29	22.05	10.04	9.38	9.48	---
5	9.04	9.27	9.48	10.0	13.84	15.04	23.97	15.15	9.95	9.51	9.32	---
6	9.04	9.31	9.43	10.09	16.77	12.21	18.78	12.06	9.87	9.49	9.27	---
7	9.04	9.37	9.41	10.07	13.25	11.66	13.53	11.34	9.81	9.40	10.72	---
8	9.04	9.30	9.41	10.02	11.76	11.66	12.50	15.87	9.77	9.35	12.03	---
9	9.08	9.31	9.42	11.53	11.26	11.72	11.96	17.81	9.72	9.37	9.71	---
10	9.06	9.29	9.42	13.55	10.93	11.26	11.65	12.44	9.69	9.62	9.48	---
11	9.06	9.28	9.51	16.65	10.75	10.99	11.44	23.75	9.68	10.97	9.44	9.46
12	9.05	9.27	9.86	11.65	10.72	10.85	11.25	22.10	9.74	9.55	9.51	9.40
13	9.06	9.28	11.42	10.93	10.83	10.72	10.96	15.27	10.23	9.40	9.82	9.36
14	9.06	9.35	10.21	10.58	10.63	16.65	10.85	12.43	10.94	9.37	9.52	9.42
15	9.08	9.62	9.96	10.41	10.55	20.02	10.75	15.95	10.28	9.33	9.39	9.70
16	9.19	9.43	11.03	10.31	10.50	16.52	10.68	18.04	9.85	9.31	9.59	9.50
17	9.25	9.35	10.24	10.32	11.08	12.80	10.60	13.18	9.71	9.30	9.55	9.43
18	9.64	9.33	9.92	10.27	11.31	11.91	10.60	11.90	9.62	9.29	9.39	9.38
19	10.04	9.32	9.81	10.16	10.67	18.74	11.33	11.38	9.60	9.28	9.35	9.38
20	9.62	9.31	11.70	10.07	10.51	18.14	10.83	11.00	9.55	9.27	11.89	10.59
21	9.29	9.36	13.73	9.99	10.44	12.73	10.60	10.70	9.53	9.25	13.99	9.98
22	10.02	9.65	10.89	10.20	11.78	11.86	10.49	10.52	9.52	9.25	13.37	9.62
23	15.53	9.72	10.57	10.77	11.58	11.34	10.42	10.47	9.50	9.25	10.16	9.50
24	10.95	9.49	10.34	10.43	10.92	11.06	10.33	10.46	9.49	9.27	9.99	9.45
25	10.22	9.50	10.12	10.19	10.72	10.89	10.26	10.82	9.47	9.26	11.02	9.41
26	10.11	10.00	10.01	10.15	12.46	10.79	10.31	10.33	9.45	9.24	10.22	9.39
27	9.80	9.92	10.18	10.16	11.53	10.72	11.08	11.16	9.44	9.38	9.86	9.36
28	9.59	9.65	12.58	10.10	10.92	10.66	14.49	18.07	9.43	9.39	9.69	9.34
29	9.46	9.53	13.26	10.95	10.73	10.56	11.36	12.54	9.42	9.30	---	9.33
30	9.40	9.48	10.98	13.63	---	11.68	10.72	11.19	9.41	9.28	---	9.32
31	9.38	---	10.56	13.31	---	18.12	---	10.69	---	9.45	---	---
Mean	9.59	9.43	10.37	10.87	12.03	13.05	12.96	14.01	9.79	9.41	---	---
Max	15.53	10.00	13.73	16.65	21.28	20.90	23.97	24.39	10.94	10.97	---	---
Min	9.04	9.27	9.41	9.97	10.44	10.56	10.26	10.33	9.41	9.24	---	---

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS—Continued