07335300 MUDDY BOGGY CREEK NEAR UNGER, OK

Red-Little Basin
Muddy Boggy Subbasin

LOCATION.--Lat 34°01′36″, long 95°45′00″ referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.17, T.6 S., R.15 E., Choctaw County, OK, Hydrologic Unit 11140103, at bridge on U.S. Highway 70, 3.5 mi west of Soper, 1.8 mi east of Unger and at mile 18.6.

DRAINAGE AREA.--2,273 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 1982 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 392.72 ft above NGVD of 1929. Prior to Sept. 19, 1985, gage 500 ft downstream at same datum.

REMARKS.--Records Poor. Some regulation by Atoka and McGee Creek Reservoirs. U.S. Army Corp of Engineers' telemeter at site.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	91	8,040	14,900	2,850	342	2,210	1,150	e10,700	e25,300	13,200	823
2	20	82	9,790	16,200	2,510	317	5,080	859	e9,130	e27,600	12,100	785
3	18	74	9,270	14,500	1,800	289	5,100	1,160	e6,900	e30,300	5,640	731
4	16	66	4,120	9,570	1,480	273	2,970	1,770	e5,230	e31,600	2,590	681
5	15	69	1,490	2,850	1,420	253	1,560	2,140	e4,060	e26,700	2,290	678
6	15	908	1,410	2,470	1,040	238	1,160	1,480	e3,250	e22,800	2,140	627
7	13	4,330	1,330	2,530	518	225	820	1,740	2,660	e18,500	2,190	337
8	13	2,520	1,360	2,250	422	214	607	8,540	2,420	e14,900	2,240	191
9	13	1,320	1,020	2,050	395	206	506	15,000	2,110	e10,600	2,180	164
10	13	761	632	1,910	379	199	442	22,100	1,890	e8,830	2,130	166
11	13	494	561	1,940	364	198	398	22,500	2,260	e13,900	2,090	185
12	12	363	457	1,790	349	198	364	19,100	1,450	e23,900	2,050	348
13	9.5	287	287	7,710	392	211	359	13,200	1,180	e28,800	2,010	511
14	6.9	240	235	11,400	435	243	932	5,200	1,050	e28,100	1,990	343
15	19	207	213	13,700	1,550	299	1,060	2,290	1,000	e17,900	1,890	258
16	589	182	196	16,000	1,830	416	1,420	2,480	711	e14,900	1,340	208
17	837	163	185	15,800	1,170	389	1,280	2,570	618	e12,600	761	176
18	1,340	146	182	12,200	780	335	873	2,410	674	e9,560	662	153
19	1,190	132	171	5,530	636	300	825	2,280	2,180	e7,320	658	135
20	653	123	167	3,280	519	274	1,280	2,140	e3,400	e5,770	637	120
21	380	115	216	5,380	452	254	1,490	2,040	e4,090	5,220	617	109
22	278	108	1,380	8,040	400	239	1,020	2,000	e8,490	4,280	633	100
23	220	102	2,010	9,440	367	228	538	1,980	e11,800	3,900	987	96
24	179	101	1,280	10,400	339	220	820	2,020	e14,000	3,670	808	97
25	164	97	868	10,300	326	208	6,820	2,730	e15,100	3,460	701	96
26	170	85	1,000	7,130	335	202	4,440	2,460	e11,200	3,270	841	113
27	158	76	1,340	4,310	335	198	4,800	2,910	e8,230	3,110	2,560	401
28	135	73	1,080	3,710	345	193	3,370	4,340	e12,500	2,960	1,620	228
29	119	75	1,150	3,420	---	191	1,860	7,150	e16,700	2,780	1,000	155
30	108	2,140	9,760	3,140	---	195	1,320	9,910	e20,800	2,620	810	135
31	97	---	11,900	2,960	---	701	---	e10,900	---	8,570	759	---
Total	6,835.4	15,530	73,100	226,810	23,738	8,248	55,724	178,549	185,783	423,720	72,124	9,150
Mean	220	518	2,358	7,316	848	266	1,857	5,760	6,193	13,670	2,327	305
Max	1,340	4,330	11,900	16,200	2,850	701	6,820	22,500	20,800	31,600	13,200	823
Min	6.9	66	167	1,790	326	191	359	859	618	2,620	617	96
Ac-ft	13,560	30,800	145,000	449,900	47,080	16,360	110,500	354,200	368,500	840,400	143,100	18,150

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	680	1,884	2,480	2,238	2,323	3,321	3,246	3,922	2,141	1,084	394	550
Max	3,713	9,607	9,832	9,591	7,497	10,970	14,270	21,720	7,293	13,670	2,517	2,218
(WY)	(1985)	(1997)	(1992)	(1998)	(2001)	(1990)	(1990)	(1990)	(1991)	(2007)	(1992)	(1996)
Min	34.0	27.7	28.8	58.7	60.3	266	213	92.3	49.8	32.0	13.2	16.7
(WY)	(1989)	(2006)	(2006)	(2006)	(2006)	(2007)	(2003)	(1988)	(1988)	(2006)	(2006)	(2000)

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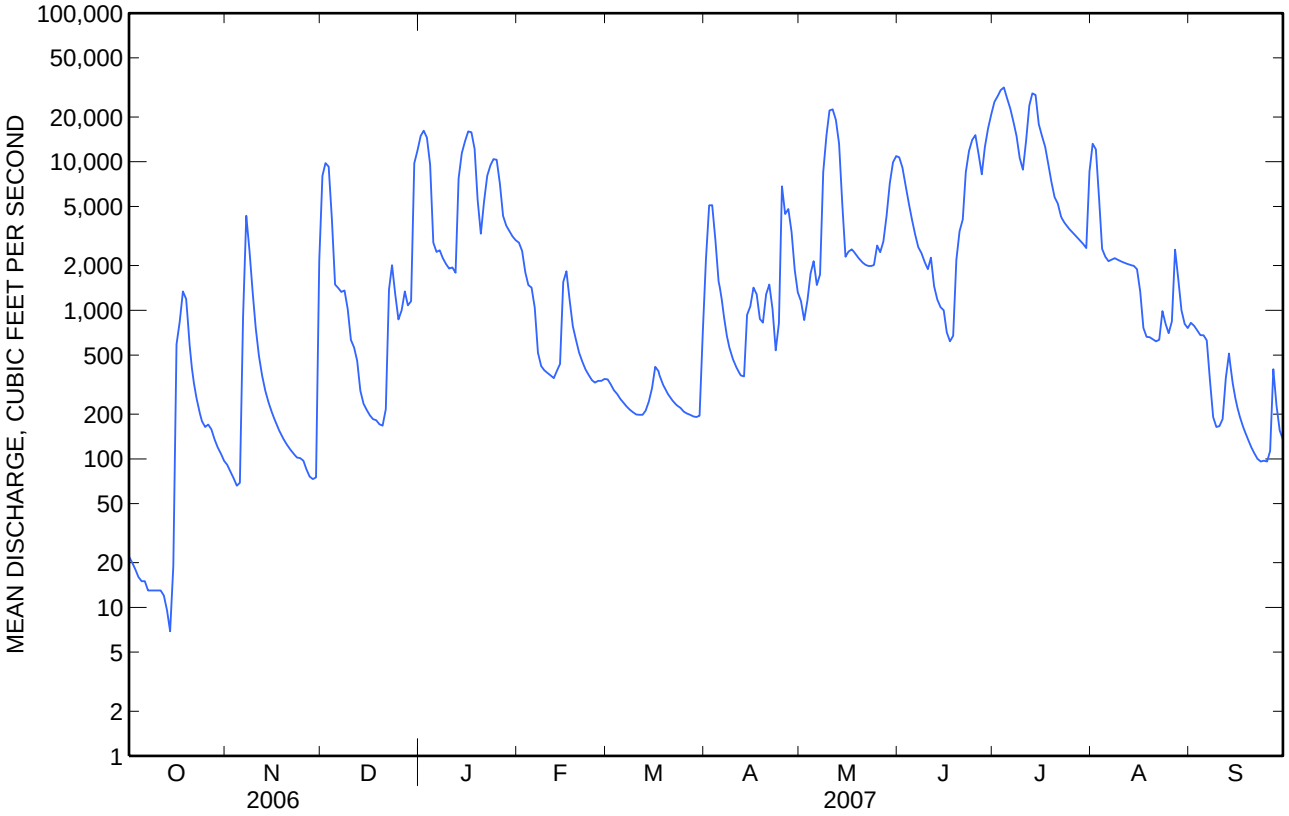
SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1983 - 2007	
Annual total	252,965.2		1,279,311.4			
Annual mean	693		3,505		2,020	
Highest annual mean					4,951	1990
Lowest annual mean					445	2006
Highest daily mean	12,800	May 12	[a,b]31,600	Jul 4	76,000	May 6, 1990
Lowest daily mean	3.3	Aug 22	6.9	Oct 14	1.8	Sep 8, 1984
Annual seven-day minimum	9.0	Aug 17	11	Oct 8	2.6	Sep 3, 1984
Maximum peak flow			[b]Unknown	Jul 4	76,700	May 6, 1990
Maximum peak stage			[b]47.27	Jul 4	55.27	May 6, 1990
Annual runoff (ac-ft)	501,800		2,538,000		1,464,000	
10 percent exceeds	1,350		11,600		6,150	
50 percent exceeds	73		1,050		412	
90 percent exceeds	14		114		46	

[a] Estimated.
[b] Occured during backwater from Red River.