07175500 CANEY RIVER NEAR RAMONA, OK

Verdigris Basin
Caney Subbasin

LOCATION.--Lat 36°30′32″, long 95°50′30″ referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.5, T.23 N., R.14 E., Washington County, OK, Hydrologic Unit 11070106, on left bank near downstream abutment of county road bridge, 1 mi upstream from Buck Creek, 2.2 mi downstream from DoubleCreek, 4.5 mi southeast of Ramona, and at mile 32.0.

DRAINAGE AREA.--1,955 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1945 to current year. Monthly discharge only for some periods, published in WSP 1311. Previous reports have included Caney River near Collinsville from Oct. 1935 to Feb. 1939; this record has been separated from Ramona.

REVISED RECORDS.--WSP 1117: Drainage area. WSP 1241: 1939.

GAGE.--Water-stage recorder. Datum of gage is 586.43 ft above NGVD of 1929. Sept. 1, 1945, to Feb. 15, 1946, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharge. Records Fair. Flow regulated since February 1950 by Hulah Lake (station 07172500), and since April 1983 by Copan Lake (station 07174300). U.S. Army Corps of Engineers' satellite telemeter at station.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	96	52	139	334	1,420	10,400	4,000	6,270	6,480	327	346
2	98	58	53	120	431	973	4,390	3,990	10,700	6,340	246	241
3	402	47	51	106	434	3,980	2,730	3,780	7,220	6,220	569	197
4	392	42	50	99	443	5,110	2,670	3,350	5,400	6,110	578	186
5	186	42	49	98	547	2,630	3,240	3,250	5,670	6,010	565	184
6	116	40	50	96	1,870	2,780	4,130	3,020	6,460	5,890	555	234
7	74	36	51	96	1,460	2,410	4,040	3,640	8,700	5,750	547	445
8	52	62	53	175	1,330	2,450	5,170	16,100	7,630	5,640	543	648
9	43	109	79	891	1,900	2,430	5,440	18,500	13,700	8,120	542	350
10	38	109	110	917	1,830	2,370	15,300	11,600	24,200	7,690	4,020	260
11	37	108	442	888	1,780	2,320	19,700	6,260	24,000	7,060	4,670	278
12	36	109	1,250	866	1,760	2,280	11,800	4,400	15,500	5,370	2,900	1,480
13	35	107	620	849	1,720	2,230	3,900	3,500	10,600	7,060	3,270	1,170
14	33	110	363	837	1,700	1,720	2,420	2,290	11,800	5,290	3,480	6,030
15	38	106	348	833	1,680	1,020	3,450	3,620	11,100	4,470	3,610	4,650
16	61	103	346	725	1,440	978	3,640	3,690	12,500	4,200	3,560	1,970
17	49	110	261	348	2,930	964	3,540	3,620	14,100	3,560	3,270	3,560
18	158	126	214	267	3,630	3,570	3,510	3,580	11,100	1,970	3,160	4,140
19	639	127	179	250	1,850	8,650	3,470	3,510	10,100	1,040	3,080	4,060
20	585	131	152	166	1,700	3,640	3,390	3,460	9,390	385	3,030	3,690
21	523	128	132	131	2,700	1,760	3,320	3,420	8,380	275	2,950	3,220
22	514	128	123	128	2,780	1,680	3,270	3,370	7,800	251	2,330	3,120
23	606	122	130	123	2,720	2,130	3,260	3,310	7,660	195	1,800	3,060
24	942	127	148	116	2,690	2,070	10,300	2,510	7,560	157	1,750	2,570
25	1,390	100	156	112	2,680	2,010	8,540	1,440	7,260	143	1,690	1,430
26	1,360	67	149	110	2,410	1,960	4,670	1,120	6,990	127	1,650	461
27	1,320	69	138	110	1,830	1,930	4,470	2,280	6,830	117	1,450	368
28	1,290	63	135	111	1,740	1,890	4,260	3,220	6,840	409	757	358
29	1,280	51	161	116	1,710	1,870	4,140	3,370	6,980	239	376	353
30	1,050	53	172	114	---	1,850	4,060	3,980	6,680	140	890	345
31	306	---	156	112	---	5,260	---	4,010	---	587	892	---
Total	13,690	2,686	6,373	10,049	52,029	78,335	166,620	141,190	299,120	107,295	59,057	49,404
Mean	442	89.5	206	324	1,794	2,527	5,554	4,555	9,971	3,461	1,905	1,647
Max	1,390	131	1,250	917	3,630	8,650	19,700	18,500	24,200	8,120	4,670	6,030
Min	33	36	49	96	334	964	2,420	1,120	5,400	117	246	184
Ac-ft	27,150	5,330	12,640	19,930	103,200	155,400	330,500	280,100	593,300	212,800	117,100	97,990

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,350	1,154	1,045	1,069	1,181	2,820	2,646	3,078	3,265	1,848	409	520
Max	19,540	4,390	3,596	5,204	4,208	7,228	6,989	8,547	9,971	11,820	2,577	3,178
(WY)	(1987)	(1987)	(1993)	(1993)	(1987)	(1990)	(1988)	(1993)	(2008)	(2007)	(2007)	(1989)
Min	16.3	13.8	17.9	19.5	18.7	33.9	114	62.7	42.5	30.2	26.1	19.1
(WY)	(2007)	(2007)	(2002)	(2006)	(2006)	(2006)	(1996)	(1996)	(2006)	(1984)	(2006)	(2006)

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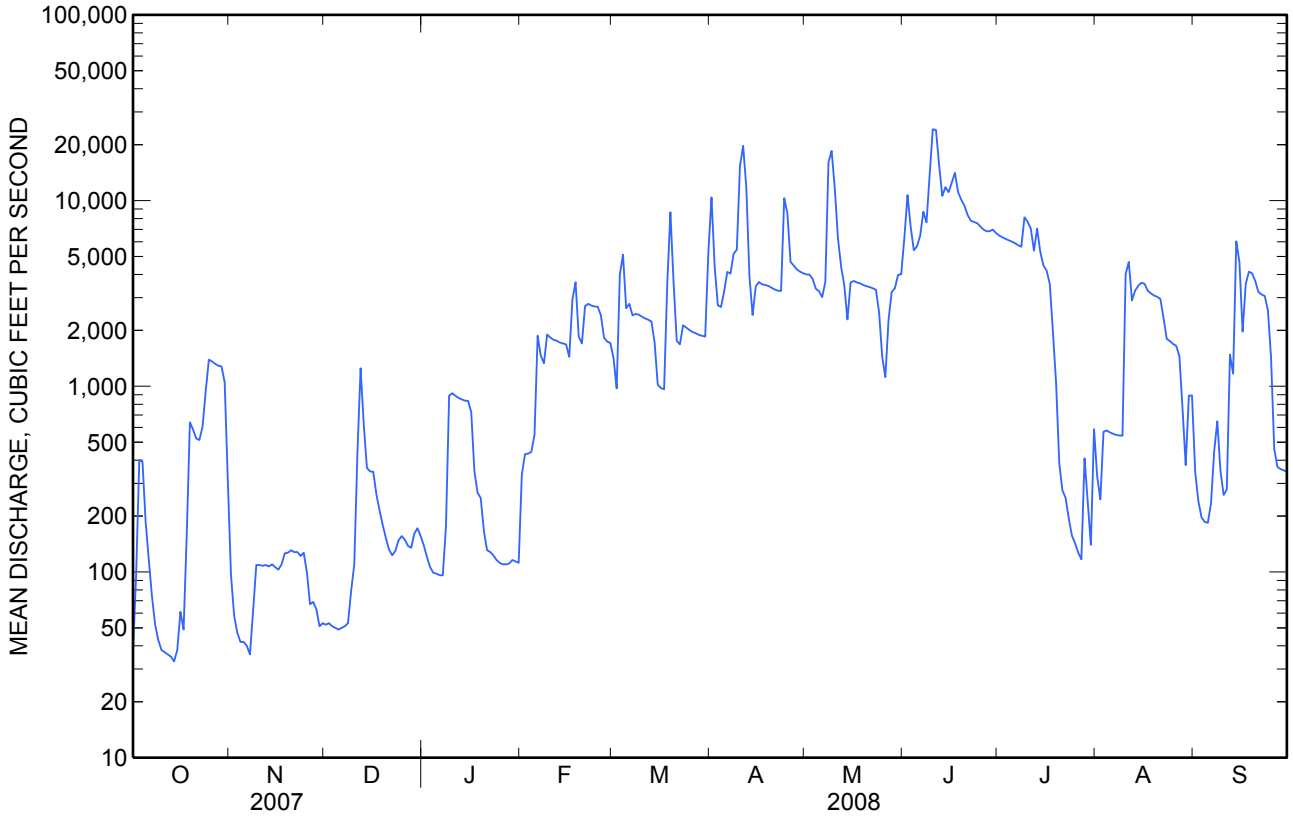
SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1984 - 2008	
Annual total	1,071,002		985,848			
Annual mean	2,934		2,694		[a]1,701	
Highest annual mean					3,887	1987
Lowest annual mean					107	1996
Highest daily mean	26,900	Jul 5	24,200	Jun 10	71,700	Oct 5, 1986
Lowest daily mean	14	Jan 11	33	Oct 14	[b]8.9	Nov 4, 2006
Annual seven-day minimum	18	Jan 7	37	Oct 9	9.8	Nov 2, 2006
Maximum peak flow			25,200	Jun 11	85,600	Oct 5, 1986
Maximum peak stage			29.01	Jun 11	31.16	Oct 5, 1986
Annual runoff (ac-ft)	2,124,000		1,955,000		1,232,000	
10 percent exceeds	8,400		6,980		5,440	
50 percent exceeds	214		1,470		282	
90 percent exceeds	33		97		37	

[a] Average discharge since regulation by Hulah Lake and before regulation by Copan Lake, 32 years (water years 1951-82), 925 ft^3/s.

[b] No flow Sept. 11-Nov. 3, 1956.