



LOCATION		STREAM AND LOCATION		TYPE OF SAMPLING		WATER YEAR		SULFATE		CHLORIDE		TOTAL DISSOLVED SOLIDS (RESIDUE AT 180°C)		HARDNESS		SODIUM AVERAGE RATIO		SPECIFIC CONDUCTANCE*	
								MAXIMUM		MAXIMUM		MAXIMUM		MAXIMUM		MAXIMUM		MAXIMUM	
1	Beaver Creek at Waurika	D.P.	1950-45	350	7.8	425	6.0	1,340	115	655	58	6.1	0.2	2,080	151				
2	Cow Creek near Comanche	P	1950-40	260	162	362	122	1,350	849	505	330	4.9	3.0	2,010	1,849				
3	Cow Creek at Waurika	P	1960-63	292	47	1,600	117	3,550	556	1,030	192	11	2.6	4,960	761				
4	Beaver Creek near Ryan	P	1960-41	292	5.9	460	35	1,380	252	520	164	4.8	7	2,070	439				
5	West Mud Creek near Atoka	P	1961	127	12	700	33	1,610	163	600	52	6.0	1.3	2,650	214				
6	Mud Creek near Grady	P	1952-61	123	5.8	4,530	40	8,200	180	2,390	72	6.3	1.7	13,000	297				
7	North Mud Creek near Ringling	P	1960	104	24	1,700	600	3,250	1,180	910	280	11	7.8	5,230	2,000				
8	Mud Creek near Courtney	P	1960-63	39	6.1	2,450	4.5	4,700	109	1,280	32	12	5	7,450	115				
9	Walnut Bayou near Osawatomie	P	1960-41	133	44	2,400	375	4,800	834	1,430	250	7.8	5.2	7,460	1,400				
10	Simon Creek near Osawatomie	P	1960-41	38	11	54	12	409	216	116	1.9	8	578	338					
11	Simon Creek at Pike	P	1960-41	38	4.1	16	3.1	412	50	185	38	12	3	641	102				
12	Walnut Bayou near Burnsville	P	1960-41	200	9.9	1,500	56	3,330	236	1,010	110	9.2	1.3	5,190	405				
13	Red River near Gainesville, Texas	D	1944-48	1,190	14	2,750	7.0	6,480	115	1,310	83	19	7	9,880	370				
14	Lake Murray near Ardmore	P	1946-57	14	12	35	11	220	145	154	89	9	6	377	244				
15	Little Washita River at Ninnekah	D.P.	1946-68	1,650	130	605	12	2,510	326	1,790	213	3.0	6	3,440	474				
16	Washita River near Tahle	D	1947-52	794	30	365	5.0	1,800	144	851	127	1.1	2.4	2,560	386				
17	Washita River at Ales	D	1960-68	815	45	174	3.3	1,070	178	965	128	2.1	1	2,140	297				
18	Hall Roaring Creek near Chitwood	P	1948	---	---	14	13	800	---	570	480	1.1	6	1,170	1,030				
19	Roaring Creek near Bradley	P	1958	240	---	18	7.0	900	---	550	192	1.1	4	1,270	382				
20	Bear Creek near Lindsey	P	1958	600	---	32	8.0	1,200	---	640	460	2.9	2.4	1,630	1,210				
21	Criker Creek near Criker	P	1961	63	38	24	12	348	369	260	188	1.1	7	863	463				
22	Criker Creek near Payne	P	1961	56	44	23	7.0	371	394	365	218	1.4	5	803	434				
23	Finn Creek near Payne	P	1960	67	9.4	24	7.8	536	145	470	132	1.1	1	801	256				
24	Finn Creek near Story	P	1961-63	725	49	190	6.0	1,490	308	890	132	2.7	2	2,010	276				
25	Washita River near Paula Valley	P	1953-58	---	---	28	10	500	---	470	260	1.3	3	962	429				
26	Washita River near Paula Valley	P	1953-58	---	---	1,130	23	2,500	242	1,120	71	6.0	3	4,120	407				
27	Rush Creek at Purdy	D.P.	1954-68	450	19	1,720	120	3,490	165	1,220	116	8.8	4	5,520	296				
28	Rush Creek near Mayville	P	1951-59	412	268	545	99	1,280	500	635	284	4.9	1.5	2,410	748				
29	Rush Creek near Paula Valley	P	1958	150	---	90	20	650	---	910	250	1.4	5	1,770	556				
30	Widowhood Creek near Mayville	P	1958	150	---	90	20	650	---	480	248	1.4	6	938	541				
31	Widowhood Creek near Mayville	P	1958	150	---	90	20	650	---	480	248	1.4	6	938	541				
32	Widowhood Creek near Hatfield City	P	1951-63	40	36	285	4.6	870	225	475	95	3.3	1	1,440	278				
33	Widowhood Creek near Hoover	P	1955-61	14	7.8	85	9.5	462	197	360	80	3.0	3	712	150				
34	Chigley Creek near Davis	P	1950-58	23	6.8	6.2	2.4	244	220	223	189	3.0	3	405	382				
35	Rock Creek at Sulphur	D.P.	1950-60	179	20	860	235	2,200	649	710	230	9.6	4.1	3,460	1,120				
36	Rock Creek at Dougherty	P	1958	100	---	1,400	78	2,700	---	1,200	140	6.0	1.5	4,510	491				
37	Rock Creek near Fox	P	1958	100	---	3,170	84	6,500	---	2,250	165	12	2.0	10,900	428				
38	Caddo Creek near Graham	P	1958	200	---	1,700	27	3,200	---	920	168	4.0	6	5,990	411				
39	Caddo Creek near Sprague	P	1958-59	228	71	600	40	1,300	---	475	142	5.0	8	2,210	415				
40	Caddo Creek near Gene Autry (Berwyn)	D	1947-48	710	15	300	7.2	1,470	70	890	41	3.7	2	1,838	95				
41	Oil Creek at Goddard Ranch	P	1950	---	---	19	5.5	---	380	184	2	0	1	651	362				
42	Mill Creek near Mill Creek	P	1952-60	---	---	34	2.3	---	280	106	2	0	1	968	198				
43	Fountain Creek near Stringtown	P	1951-59	---	---	52	115	1,430	464	522	223	6.8	3.5	2,440	762				
44	Red River at Lake Texoma near Colbert	D	1944-48	342	86	525	115	1,430	464	522	223	6.8	3.5	2,440	762				
45	Blue Creek at Conoverville	P	1951-42	---	---	9.0	3.2	---	151	420	113	2	0	624	276				
46	Blue Creek at Millum	P	1950-40	---	---	2.0	1.3	---	160	280	164	2	1	906	276				
47	Blue River near Blue	D.P.	1952-63	35	3.2	22	1.3	364	55	310	40	8	1	398	92				
48	Muddy Boggy Creek near Conlegate	P	1958	---	---	8.8	2.6	140	35	108	15	8	3	237	50				
49	Muddy Boggy Creek near Stringtown	P	1958-59	---	---	8.0	1.5	100	30	70	14	8	2	161	40				
50	Clear Boggy Creek near Stringtown	P	1958-59	---	---	8.0	1.5	100	30	70	14	8	2	161	40				
51	Clear Boggy Creek near Ada	P	1958	---	---	7.5	7.0	---	---	288	276	2	1	506	503				
52	Clear Boggy Creek near Pittsboro	P	1958	---	---	7.0	3.0	---	---	288	276	2	1	506	503				
53	Clear Boggy Creek near Burnsville	P	1958-60	33	11	218	7.0	610	243	340	160	3.0	1	1,080	491				
54	Leader Creek near Tupelo	P	1958-60	---	---	42	34	360	290	160	140	1.8	1.4	596	486				
55	Delaware Creek near Wapanucka	P	1958-60	---	---	70	41	280	280	146	11	8	2	762	385				
56	Clear Boggy Creek near Wapanucka	P	1958	---	---	116	9.5	510	170	172	158	2.2	2	891	305				
57	Caney Creek near Caney	P	1958	---	---	36	3.3	350	330	134	124	1.2	9	171	557				
58	Clear Boggy Creek near Caney	D.P.	1952-68	41	7.0	110	4.0	1,180	70	400	56	2.6	1	1,380	107				
59	Little River near Sasakwa	D.P.	1951-67	128	23	73,100	42	129,000	167	24,400	56	101	1.0	18,000	78				
60	Canadian River at Calvin	P	1960-67	375	21	3,550	52	7,280	294	1,800	84	18	7	11,580	327				

for various uses.

LAKES OF 80 ACRES OR MORE

MAP NUMBER	DESIGNATION	LOCATION	USE*	AREA (ACRES)	CAPACITY (ACRE-Feet)	MAP NUMBER	DESIGNATION	LOCATION	USE*	AREA (ACRES)	CAPACITY (ACRE-Feet)
		ATOKA COUNTY						STEPHENS COUNTY			
1	Atoka Reservoir	30. T. 1 S. R. 12 E.	MI	5,500	125,000	12	Duncan Lake	36. T. 1 N. R. 6 W.	MI	400	7,200
		CARTER COUNTY				13	Chisholm Trail Lake	4. T. 1 N. R. 6 W.	MI	560	6,000
2	Ardmore City Lake	22. T. 4 S. R. 1 E.	MI	115	770	14	Comanche Lake	24. T. 3 S. R. 7 W.	MI	201	2,455
3	Mountain Lake	22. T. 2 S. R. 1 W.	MI	133	1,334	15	Humphreys Lake (site 22)	1. T. 1 N. R. 7 W.	MI	882	14,000
		COAL COUNTY				16	Fauna Lake (site 29)	36. T. 2 N. R. 5 W.	MI	1,500	17,260
4	Caney-Coon Creek (site 2)	10. T. 1 N. R. 10 E.	F.M.I.R.	332	3,000	17	Widowhood Creek (site 14)	27. T. 1 S. R. 4 W.	F.R.	107	629
		GARVIN COUNTY				18	Widowhood Creek (site 19)	32. T. 1 N. R. 6 W.	F.R.	95	791
5	City of Paula Valley	33. T. 4 N. R. 1 E.	MI	750	8,500	19	Widowhood Creek (site 23)	17. T. 2 N. R. 6 W.	F.R.	99	713
6	Peavine Creek (site 7)	19. T. 4 N. R. 2 E.	F	92	327	20	Widowhood Creek (site 28)	11. T. 1 N. R. 6 W.	F.R.I.	95	646
7	Peavine Creek (site 9)	34. T. 4 N. R. 1 E.	F	87	335	21	Widowhood Creek (site 27)	36. T. 2 N. R. 6 W.	F.R.I.	100	713
		GRAY COUNTY						INTERCOMMERCE TOWNSHIP			
8	Rush Creek (site 1)	16. T. 3 N. R. 7 W.	F.R.I.	178	1,366	22	Lake Texoma	28. T. 6 S. R. 7 E.	F.P.	93,080	3,024,900
9	Rush Creek (site 10)	16. T. 3 N. R. 7 W.	F.R.I.	96	835			JOHNSON COUNTY			
		LOVE COUNTY						Johnston, Love			
10	Battle Springs Lake	3. T. 6 S. R. 1 W.	F	90	285	23	Lake Murray	14. T. 6 S. R. 2 E.	R	5,728	153,250
11	Lake of the Arbuckle	MURRAY COUNTY	MI	2,260	70,100			(Love, Carter Counties)			

*Data provided by Oklahoma Water Resources Board.

MI, municipal and industrial; R, recreation; F, flood control; I, irrigation; P, power; PB, private.