

Segment	Station ID	Reservoir	Chl <i>a</i> Rank ^a	Chl <i>a</i> Records	Chl <i>a</i> Mean (µg/L)	Chl <i>a</i> TSI	Chl <i>a</i> TSI (2012)	10 Year Change ^c	Secchi Rank	Secchi Records	Secchi Mean (m)	Secchi TSI	TP Rank	TP Records	TP Mean (mg/L) ^b	TP TSI
0512	10458	LAKE FORK RESERVOIR	66	108	15.14	57.26	54.92	2.34	47	112	1.12	58.46	82	104	0.04	60
0818	16748, 16749	CEDAR CREEK RESERVOIR	66	89	15.16	57.26			63	86	0.94	60.74	53	88	0.04	55.6
0303A	16856	BIG CREEK LAKE	67	27	15.38	57.42	57.98	-0.56	122	28	0.44	71.92	122	25	0.1	69.4
1405	12319	LAKE MARBLE FALLS	68	68	15.44	57.46	53.36	4.1	29	68	1.54	53.82	85	68	0.04	60.5
0809	10944	EAGLE MOUNTAIN RESERVOIR	69	43	15.62	57.56	61.46	-3.9	79	45	0.86	62.22	87	44	0.06	61
0830	15151	BENBROOK LAKE	70	46	15.7	57.62	61.78	-4.16	89	47	0.78	63.56	57	45	0.04	55.8
1411	13863	E. V. SPENCE RESERVOIR	71	19	16.02	57.82	62.28	-4.46	41	18	1.24	57.02	78	19	0.04	59.5
0816	10980	LAKE WAXAHACHIE	72	37	16.06	57.84	58.3	-0.46	113	39	0.54	68.98	52	40	0.04	55.4
2312	13267	RED BLUFF RESERVOIR	73	16	16.44	58.06	63.56	-5.5	84	14	0.82	62.84	32	15	0.02	51
0806G	22142	MARINE CREEK LAKE	74	12	16.46	58.08			64	12	0.94	60.78	43	12	0.04	54.4
0215	10157	DIVERSION LAKE	75	28	16.82	58.28	55.08	3.2	112	29	0.54	68.66	55	26	0.04	55.7
0506H	17062	LAKE GLADEWATER	76	36	17.34	58.58	60.12	-1.54	73	40	0.9	61.46	69	35	0.04	57.6
0307	13855	JIM L. CHAPMAN LAKE (FORMERLY COOPER LAKE)	77	35	17.38	58.62	58.32	0.3	106	38	0.64	66.56	110	33	0.08	66.9
1012	11342	LAKE CONROE	79	37	17.5	58.68	57.12	1.56	70	113	0.92	61.18	104	112	0.06	64.4

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1422	12418	LAKE NASWORTHY	79	25	17.52	58.68	55.16	3.52	81	24	0.84	62.5	71	26	0.04	57.8
0818J	17949	PURTIS CREEK STATE PARK LAKE	80	19	17.62	58.74			58	24	1	60.06	106	21	0.06	64.9
0208	10137	LAKE CROOK	81	36	17.64	58.76	47.42	11.34	136	38	0.32	76.62	126	36	0.14	74.5
0505F	13601	MARTIN CREEK RESERVOIR	82	37	17.76	58.82	58.4	0.42	44	40	1.16	57.96	42	35	0.04	54
0826	11035, 17827, 22316	GRAPEVINE LAKE	83	45	17.78	58.84			85	51	0.82	62.9	51	54	0.04	55.3
0102	10036	LAKE MEREDITH	84	26	17.92	58.92	54.66	4.26	70	28	0.92	61.18	40	25	0.04	53.8
0209	16343	PAT MAYSE RESERVOIR	85	37	18.12	59.02	58.68	0.34	50	39	1.08	59	39	36	0.04	53.6
0210	10139	FARMERS CREEK RESERVOIR (ALSO KNOWN AS LAKE NOCONA)	86	36	18.18	59.04	53.88	5.16	89	37	0.78	63.56	68	34	0.04	57.5
0214G	17947	LAKE IOWA PARK	87	20	18.24	59.08			131	20	0.38	74.16	112	18	0.08	67.3
1254	12127	AQUILLA RESERVOIR	88	33	18.58	59.26	55.2	4.06	111	35	0.56	68.12	66	29	0.04	57.4
1434C	17020	LAKE BASTROP	89	59	18.94	59.46	62.2	-2.74	37	59	1.42	55	114	58	0.08	67.4
0817	10981	NAVARRO MILLS LAKE	90	33	19.04	59.5	55.28	4.22	114	35	0.52	69.28	100	34	0.06	63.5
0401	10283	CADDO LAKE	92	38	19.22	59.6	57.76	1.84	96	117	0.72	64.66	102	37	0.06	63.9

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0813	10973	HOUSTON COUNTY LAKE	92	34	19.22	59.6	54.94	4.66	45	37	1.12	58.3	44	34	0.04	54.6
1225	11942	WACO LAKE	93	33	19.26	59.62	57.44	2.18	87	35	0.8	63.08	68	31	0.04	57.5
2116	13019, 13020	CHOKE CANYON RESERVOIR	94	58	19.46	59.72	56.42	3.3	118	59	0.5	70.12	123	59	0.1	70.3
1232D	17941	LAKE DANIEL	95	27	19.86	59.92			129	31	0.38	74.02	115	28	0.08	67.6
0409D	17478	LAKE GILMER	97	35	20.1	60.04	58.14	1.9	34	39	1.46	54.54	59	33	0.04	56
0815	10979	BARDWELL RESERVOIR	97	36	20.12	60.04	59.48	0.56	127	38	0.38	73.82	88	39	0.06	61.1
1242H	18457	TRADINGHOUSE CREEK RESERVOIR	98	35	20.34	60.16	60.16	0	77	34	0.88	62	80	34	0.04	59.8
1237	12021	LAKE SWEETWATER	99	25	20.5	60.24			78	28	0.86	62.18	79	26	0.04	59.7
1236	12010	FORT PHANTOM HILL LAKE	100	28	20.64	60.3	58.1	2.2	98	29	0.7	64.96	97	27	0.06	63.1
1425	12429	O. C. FISHER RESERVOIR	101	20	20.96	60.44	83.76	-23.32	102	18	0.68	65.6	107	20	0.08	65.4
0828	13904	LAKE ARLINGTON	102	45	21.14	60.54	65.46	-4.92	97	45	0.72	64.7	86	45	0.06	60.7
0807	10942	LAKE WORTH	103	44	21.24	60.58	63.96	-3.38	105	44	0.64	66.32	83	45	0.04	60.1
0803	10899	LAKE LIVINGSTON	104	35	21.78	60.82	59.9	0.92	125	36	0.4	73.48	120	35	0.08	68.9
0820	10998, 21365	LAKE RAY HUBBARD	105	44	21.96	60.9			73	52	0.9	61.46	49	57	0.04	55.2

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1205	11860	LAKE GRANBURY	106	113	22.68	61.22	62.86	-1.64	74	113	0.9	61.64	61	112	0.04	56.1
1224	11939	LEON RESERVOIR	107	23	22.8	61.28	53.66	7.62	56	23	1.02	59.86	64	21	0.04	56.8
0701D	10642	SHALLOW PRONG LAKE	108	32	23.22	61.46	58.8	2.66	117	38	0.5	69.88	117	34	0.08	68.3
0821	15685	LAVON LAKE	110	80	24.44	61.96			104	84	0.64	66.24	99	84	0.06	63.4
1428K	20161	WALTER E. LONG LAKE	110	23	24.48	61.96	60.18	1.78	38	23	1.38	55.38	73	19	0.04	58
2303	13189	INTERNATIONAL FALCON RESERVOIR	111	29	26.04	62.58	55.76	6.82	59	33	0.98	60.26	102	28	0.06	63.9
1252	12123	LAKE LIMESTONE	112	85	26.16	62.62	62.52	0.1	94	89	0.74	64.28	94	86	0.06	62.5
0405	10312	LAKE CYPRESS SPRINGS	113	39	26.18	62.64	58.22	4.42	48	45	1.1	58.6	48	40	0.04	55
1228	11974	LAKE PAT CLEBURNE	114	37	27.6	63.14	59.54	3.6	100	40	0.68	65.44	77	38	0.04	59.3
1008F	16482	LAKE WOODLANDS	115	40	28.74	63.54	61.84	1.7	119	117	0.48	70.64	141	40	0.84	101.1
1240	12027	WHITE RIVER LAKE	116	34	29.78	63.9	57.66	6.24	142	41	0.22	81.26	105	36	0.06	64.8
0605	16159	LAKE PALESTINE	117	36	29.84	63.92	63.9	0.02	60	40	0.98	60.4	129	33	0.16	77.1
0507	10434	LAKE TAWAKONI	118	104	30.02	63.96	65.66	-1.7	82	108	0.82	62.74	91	101	0.06	61.8
0403	10296	LAKE O' THE PINES	119	36	30.78	64.22	59.58	4.64	75	40	0.88	61.72	48	37	0.04	55
1416B	12179	BRADY CREEK RESERVOIR	120	26	32.6	64.78	60.16	4.62	80	26	0.84	62.36	96	26	0.06	62.6

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1235	12006	LAKE STAMFORD	121	21	33.18	64.96	58.98	5.98	123	23	0.42	72.18	108	21	0.08	65.9
1002	11204	LAKE HOUSTON	122	29	33.44	65.04	61.54	3.5	124	31	0.42	72.72	137	30	0.24	82.7
0302	10213, 14097	WRIGHT PATMAN LAKE	123	75	34.36	65.3	67.74	-2.44	107	159	0.64	66.6	109	71	0.08	66.2
0827	11038	WHITE ROCK LAKE	124	35	34.7	65.4	65.22	0.18	111	38	0.56	68.12	114	36	0.08	67.4
0832	11061	LAKE WEATHERFORD	125	39	35.56	65.64	61.02	4.62	108	39	0.6	67.18	89	37	0.06	61.2
1210	17586	LAKE MEXIA	126	36	35.78	65.7	65.48	0.22	134	41	0.36	74.88	131	36	0.16	77.7
1222	11935	PROCTOR LAKE	127	18	36.46	65.88	65.62	0.26	115	20	0.52	69.6	127	18	0.14	74.7
0804J	17951	FAIRFIELD LAKE	128	31	36.68	65.94	71.24	-5.3	65	35	0.94	60.82	119	32	0.08	68.7
0199A	10005	PALO DURO RESERVOIR	129	16	37.84	66.24	62.46	3.78	141	17	0.24	80.78	140	15	0.36	88.7
0509	10444	MURVAUL LAKE	130	35	37.94	66.26	67.2	-0.94	93	39	0.74	64.24	93	34	0.06	62
0515A	17948	LAKE QUITMAN	131	38	41.4	67.12			92	38	0.76	63.84	103	30	0.06	64.3
1212	11881	SOMERVILLE LAKE	132	31	42.68	67.42	68.14	-0.72	103	32	0.68	65.78	125	28	0.1	71.1
0202M	16943, 21032	LAKE BONHAM (BONHAM CITY LAKE)	133	99	44.56	67.84	70.2	-2.36	132	94	0.36	74.6	119	98	0.08	68.7
1402G	17017	CEDAR CREEK RESERVOIR/ LAKE FAYETTE	134	59	47.62	68.5	62.7	5.8	68	57	0.92	61.08	128	58	0.14	75.6

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1241C	11529	BUFFALO SPRINGS LAKE	135	20	50.5	69.08	68.52	0.56	83	23	0.82	62.82	116	22	0.08	67.8
1242A	16781	NEW MARLIN CITY LAKE	136	35	52.36	69.42	71.1	-1.68	128	35	0.38	73.92	135	31	0.22	81.4
0229A	10192	LAKE TANGLEWOOD	137	25	67.84	71.96	70.54	1.42	67	27	0.94	60.88	142	21	1	103.6
0219	10163	LAKE WICHITA	138	33	69.16	72.16	78.5	-6.34	139	32	0.28	78.24	138	32	0.3	86.8
1253A	16247	SPRINGFIELD LAKE	139	36	79.44	73.52	69.7	3.82	137	37	0.3	77	136	36	0.22	82.2
1236B	11521	KIRBY LAKE	140	22	115.3	77.18			140	24	0.28	78.8	135	22	0.22	81.4
0105	10060	RITA BLANCA LAKE	141	19	727.04	95.24	96.34	-1.1	144	21	0.1	92.18	143	20	2.82	118.7

^a Reservoirs are ranked in priority by TSI (Chl *a*). A true rank was used which can result in a tied rank for reservoirs with the same TSI (Chl *a*). Therefore, some ranking assignments are skipped by the computational data model. The rank resumes with subsequent rank value.

^b Total phosphorus concentrations converted from µg/L to mg/L.

^c A positive value indicates increased algal content; A negative value indicates decreased algal content; missing values indicate a comparison cannot be made due to absence of comparable data.

Works Cited

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