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Water Resources Data Texas Water Year 2000

Volume 2. Trinity River Basin

By S.C. Gandara, W.J. Gibbons, and D.L. Barbie

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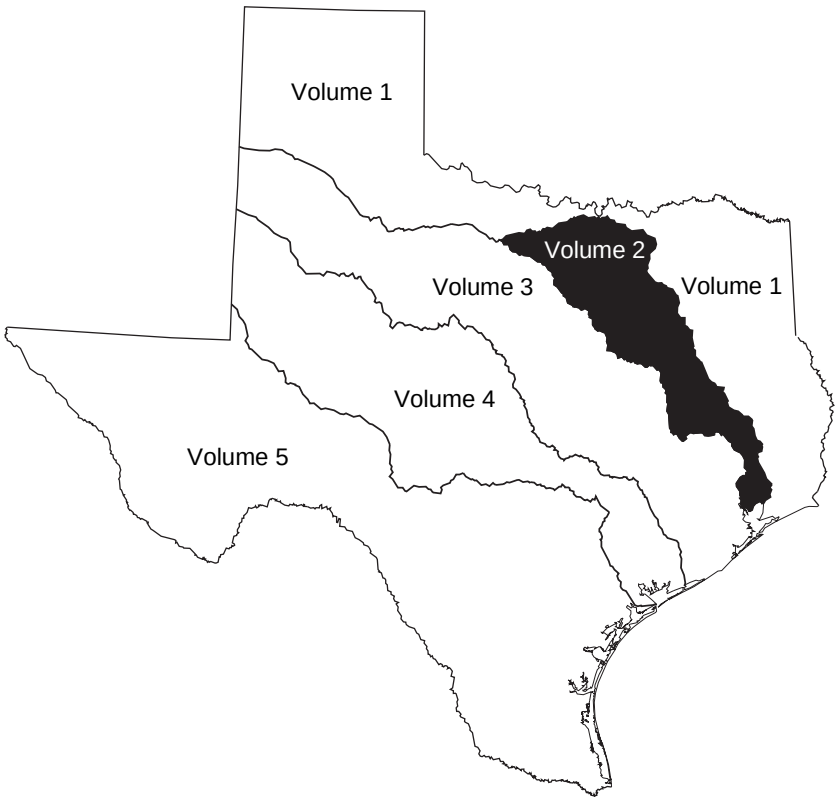

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Water-resources data for the 2000 water year for Texas are presented in six volumes, and consist of records of stage, discharge, and water quality of streams and canals; stage, contents, and water-quality of lakes and reservoirs; and water levels and water quality of ground-water wells. Volume 2 contains records for water discharge at 49 gaging stations; stage only at 3 gaging stations; stage and contents at 24 lakes and reservoirs; water quality at 34 gaging stations; and data for 3 partial-record stations comprised of 2 flood-hydrograph and 1 crest-stage stations. Also included are lists of discontinued surface-water discharge or stage-only stations and discontinued surface-water-quality stations. Additional water data were collected at various sites, not part of the systematic data-collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating Federal, State, and local agencies in Texas. Records for a few pertinent stations in the bordering States also are included.

14. SUBJECT TERMS
*Texas, *hydrologic data, *surface water, *water quality, flow rate, gaging stations, lakes, reservoirs, chemical analyses, sediments, water temperature, sampling sites.

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	Station number	Page
WESTERN GULF OF MEXICO BASINS--Continued		
TRINITY RIVER BASIN--Continued		
Lake Ray Hubbard near Forney (e)	08061550	218
East Fork Trinity River near Forney (d)	08061750	220
East Fork Trinity River near Crandall (d) (c) (t)	08062000	222
Trinity River near Rosser (d) (c) (t)	08062500	232
Trinity River at Trinidad (d) (c) (t)	08062700	242
Cedar Creek:		
Muddy Cedar Creek:		
New Terrell City Lake near Terrell (e)	08062730	250
Cedar Creek Reservoir near Trinidad (e)	08063010	254
Richland Creek near Irene (c) (t)	08063045	256
Navarro Mills Lake near Dawson (e) (c) (t) (b)	08063050	258
Richland Creek near Dawson (d) (c) (t)	08063100	272
Chambers Creek:		
Waxahachie Creek:		
Lake Waxahachie near Waxahachie (e)	08063600	276
Waxahachie Creek near Waxahachie (c) (t)	08063685	280
Bardwell Lake near Ennis (e) (c) (t) (b)	08063700	282
Waxahachie Creek near Bardwell (d) (c) (t)	08063800	296
Chambers Creek near Rice (d) (c) (t)	08064100	300
Post Oak Creek:		
Halbert Lake near Corsicana (e)	08064510	308
Richland-Chambers Reservoir near Kerens (e)	08064550	312
Tehuacana Creek near Streetman (d) (c) (t)	08064700	316
Trinity River near Oakwood (d)	08065000	320
Upper Keechi Creek near Oakwood (d)	08065200	322
Big Elkhart Creek:		
Little Elkhart Creek:		
Houston County Lake near Crockett (e)	08065330	324
Trinity River near Crockett (d) (c) (t)	08065350	328
Bedias Creek near Madisonville (d)	08065800	338
Kickapoo Creek near Onalaska (d)	08066170	340
Livingston Reservoir near Goodrich (e) (c) (t)	08066190	342
Long King Creek at Livingston (d)	08066200	352
Trinity River near Goodrich (d)	08066250	354
Menard Creek near Rye (d)	08066300	356
Trinity River at Romayor (d)	08066500	358
Trinity River at Liberty (d)	08067000	360
CWA Canal near Dayton (d)	08067070	362
Lake Charlotte near Anahuac (e) (c) (t)	08067118	364
Trinity River at Wallisville (e) (c) (t)	08067252	370

The following continuous-record surface-water discharge or stage-only stations (gaging stations) in Texas have been discontinued. Daily streamflow or stage records were collected and published for the period of record, expressed in water years, shown for each station. Those stations with an asterisk (*) after the station number are currently operated as partial-record stations. Discontinued project stations with less than 3 years of record have not been included. Information regarding these stations may be obtained from the District Office at the address given on the title page of this report.

[Letters after station name designate the type of data collected: (d) discharge, (e) elevation (stage only).]

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Punta De Agua Creek near Channing (d)	07227448	3,568	1968-73
East Chyenne Creek Tributary near Channing (e)	07227460	0.86	1965-74
Canadian River at Tascosa (d)	07227470	18,536	1969-77
Tecovas Creek Tributary near Bushland (e)	07227480	2.5	1966-74
Dixon Creek near Borger (d)	07227920	134	1974-89
Palo Duro Creek near Canyon (e)	07229700	982	1942-54
White Woman Creek Tributary near Darrouzett (e)	07234150	4.03	1966-74
Tierra Blanca Creek above Buffalo Lake near Umbarger (d)	07295500	1,968	1939-54, 1967-73
Buffalo Lake near Umbarger (e)	07296000	2,075	1938-54
Tierra Blanca Creek below Buffalo Lake near Umbarger (d)	07296100	2,075	1967-73
Prairie Dog Town Fork Red River near Canyon (d)	07297500	3,369	1924-26, 1938-49
Middle Tule Draw near Tulia (e)	07297920	313	1967-74
North Tule Draw at Reservoir near Tulia (d)	07298000	189	1939-40, 1941-73
Rock Creek Tributary near Silverton (d)	07298150	13.7	1966-74
Tule Creek near Silverton (d)	07298200	1,150	1964-86
Prairie Dog Town Fork Red River near Brice (d)	07298500	6,082	1939-44, 1949-51, 1960-63
Mulberry Creek near Brice (d)	07299000	534	1949-51
Prairie Dog Town Fork Red River near Lakeview (d)	07299200	6,792	1963-80
Little Red River near Turkey (d)	07299300	139	1968-81
Prairie Dog Town Fork Red River near Estelline (d)	07299500	7,293	1924-25, 1938-47
Prairie Dog Town Fork Red River below Mountain Creek near Estelline (e)	07299505	7,341	1974-77
Prairie Dog Town Fork Red River above Jonah Creek near Estelline (e)	07299510	7,533	1974-77
Jonah Creek at Weir near Estelline (d)	07299512	65.50	1974-82
Jonah Creek below Weir near Estelline (d)	07299514	66.60	1974-76
Jonah Creek at mouth near Estelline (d)	07299516	76	1974-76
Salt Creek near Estelline (d)	07299530	142	1974-79
Buck Creek near Wellington (e)	07299550	210	1951-64
Red River near Quanah (d)	07299570	8,321	1960-82
North Groesbeck Creek Tributary near Kirkland (d)	07299575	0.16	1966-74
Wanders Creek at Odell (e)	07299750	199	1949-50, 1952-89
Salt Fork Red River near Clarendon (d)	07299850	457	1960-64
Lelia Lake Creek near Hedley (e)	07299900	86	1951-70
Salt Fork Red River near Hedley (e)	07299930	744	1951, 1956-62
Oklahoma Draw Tributary near Hedley (e)	07299940	1.1	1965-74
Sweetwater Creek near Wheeler (e)	07301400	164	1951-64
Doodlebug Creek near Wheeler (e)	07301405	0.19	1967-73
Elm Creek near Shamrock (e)	07303300	N/A	1947-89
Quitaque Creek near Quitaque (d)	07307500	293	1945-59
North Pease River near Childress (d)	07307600	1,434	1973-79
North Pease River near Kirkland (e)	07307660	N/A	1973-79
Roaring Springs near Roaring Springs (e)	07307700	N/A	1937, 1943-95
Cottonwood Creek Tributary near Afton (e)	07307720	0.68	1967-74
Middle Pease River near Paducah (d)	07307750	1,086	1973-79
Middle Pease River near Paducah (d)	07307760	1,123	1980-82

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Cedar Creek at Bonnie View Road, Dallas (e)	08057050	9.42	1965-78
White Rock Creek at Keller Springs Road, Dallas (d)	08057100	29.40	1961-79
Spanky Branch at McCallum Lane at Dallas (e)	08057120	6.77	1962-78
Rush Branch at Arapaho Road, Dallas (e)	08057130	1.22	1973-78
Cottonwood Creek at Forest Lane, Dallas (e)	08057140	8.50	1962-78
Floyd Branch at Forrest Lane, Dallas (e)	08057160	4.17	1962-78
White Rock Creek at White Rock Lake, Dallas (d)	08057300	100	1963-79
Ash Creek at Highland Road, Dallas (e)	08057320	6.92	1963-78
Forney Creek at Lawnview Avenue, Dallas (e)	08057340	1.84	1963-72
White Rock Creek at Scyene Road, Dallas (d)	08057400	122	1963-79
Elm Creek at Seco Boulevard, Dallas (e)	08057415	1.25	1973-78
Fivemile Creek at Kiest Boulevard, Dallas (e)	08057418	7.65	1974-78
Fivemile Creek at US Highway 77 West, Dallas (e)	08057420	14.30	1965-78
Woody Branch at US Highway 77 West, Dallas (e)	08057425	10.30	1965-78
Fivemile Creek at Lancaster Road, Dallas (e)	08057430	37.90	1965-78
Newton Creek at Interstate Highway 635, Dallas (e)	08057135	5.91	1974-78
Trinity River below Dallas (d)	08057410	6,278	1956-58
White Branch at Interstate Highway 635, Dallas (e)	08057440	2.53	1974-78
Tenmile Creek at State Highway 342 at Lancaster (d)	08057450	52.80	1970-79
Honey Creek SWS #11 near McKinney (e)	08057500	2.14	1952-73
Honey Creek SWS #12 near McKinney (e)	08058000	1.26	1952-77
Honey Creek near McKinney (d)	08058500	39	1951-73
East Fork Trinity River near McKinney (d)	08059000	190	1949-75
Arls Branch near Westminster (e)	08059200	0.52	1965-74
Sister Grove Creek near Princeton (d)	08059500	113	1949-75
East Fork Trinity River above Pilot Grove near Lavon (d)	08060000	324	1949-53
East Fork Trinity River near Lavon (d)	08061000	773	1954-89
East Fork Trinity River near Rockwall (d)	08061500	840	1924-54
Duck Creek at Buckingham Road, Garland (e)	08061620	8.05	1969-76
Duck Creek near Garland (d)	08061700	31.6	1958-93
South Mesquite Creek at State Highway 352, Mesquite (e)	08061920	13.40	1969-76
South Mesquite Creek at Mercury Road near Mesquite (d)	08061950	23	1969-79
Cedar Creek Reservoir Spillway Outflow near Trinidad (d)	08062650	1,007	1966-82
Cedar Creek near Kemp (d)	08062800	189	1963-87
Bachelor Creek near Terrell (e)	08062850	13.0	1967-74
Kings Creek near Kaufman (d)	08062900	233	1963-87
Lacey Fork near Mabank (d)	08062980	118	1983-84
Cedar Creek near Mabank (d)	08063000	733	1939-66
South Twin Creek near Eustace (d)	08063003	27.40	1983-84
Red Oak Branch near Eustace (e)	08063005	0.90	1966-74
Cedar Creek at Trinidad (d)	08063020	1,011	1965-71
Briar Creek Tributary near Corsicana (e)	08063180	0.72	1966-74
Pin Oak Creek near Hubbard (d)	08063200	17.60	1956-72
Richland Creek near Richland (d)	08063500	734	1939-88
Alvarado Branch near Alvarado (e)	08063550	0.84	1966-74
Kings Branch near Reagor Springs (e)	08063620	0.62	1966-74
Chambers Creek near Corsicana (d)	08064500	963	1939-84
Richland Creek near Fairfield (d)	08064600	1,957	1972-83
Saline Branch Tributary near Bethel (e)	08064630	0.22	1967-74
Catfish Creek near Tennessee Colony (d)	08064800	207	1962-89
Mayes Branch near Latexo (e)	08065320	4.26	1967-74
Trinity River near Midway (d)	08065500	14,450	1939-71
Caney Creek near Madisonville (d)	08065700	112	1963-77
Nelson Creek near Riverside (e)	08065950	86.4	1949, 1965, 1970-74
Harmon Creek near Huntsville (e)	08065975	89.2	1973-81
West Carolina Creek near Oakhurst (e)	08066050	15.2	1949, 1966-73
White Rock Creek near Trinity (e)	08066100	222	1974-85
White Rock Creek near Trinity (e)	08066130	228	1966-74

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Tantaboque Creek near Trinity (e)	08066140	61.3	1966-73
Caney Creek near Groveton (e)	08066145	41.4	1966-73
Brushy Creek near Onalaska (d)	08066150	29.1	1966-70
Rocky Creek near Onalaska (e)	08066180	40.6	1966-73
Livingston Reservoir outflow weir near Goodrich (d)	08066191	16,583	1969-94
Long King Creek near Goodrich (d)	08066210	220	1972-81
Bluff Creek Tributary near Livingston (e)	08066280	0.62	1965-74
Big Creek near Shepherd(e)	08066400	38.80	1966-89
Gaylor Creek near Moss Hill (e)	08066800	32.3	1966-73
Devers Canal near Liberty (d)	08067080	N/A	1972-82
Cedar Bayou at Crosby (d)	08067500*	65.0	1972-91
Goose Creek near McNair (e)	08067520	6.7	1963-65,
Welch Branch near Huntsville (e)	08067550	2.35	1965-74
Lake Conroe near Montgomery (e)	08067580	445	1973-76
Lake Conroe at Outflow Weir near Conroe (d)	08067610	445	1974, 1977-89
Caney Creek near Dobbin (d)	08067700	40.40	1963-65
Landrum Creek Tributary near Montgomery (e)	08067750	0.13	1965-74
Lake Creek near Conroe (e)	08067900	291	1969-89
West Fork San Jacinto River near Porter (e)	08068100	970	1970-76
Mill Creek Tributary near Dobbin (e)	08068300	4.07	1967-73
Swale No. 8 at Woodlands (e)	08068438	0.55	1975-76, 1980-88
Spring Creek at Spring (d)	08068520	419	1975-95
Spring Creek near Humble (e)	08068600	435	1971-76
Cypress Creek at Sharp Road near Hockley (d)	08068700	80.7	1975-85
Cypress Creek near Cypress (e)	08068750*	138	1971-76
Little Cypress Creek near Cypress (d)	08068780*	41.0	1983-92
Cypress Creek at Grant Road near Houston (d)	08068800*	214	1983-92
Cypress Creek at Stuebner-Airline Road near Westfield (d)	08068900*	248	1982-87
Cypress Creek near Humble (e)	08069200	319	1971-76
West Fork San Jacinto River near Humble (d)	08069500	1,741	1929-54
Bear Creek near Cleveland (e)	08069850	1.46	1967-73
Caney Creek near New Caney (e)	08070600	178	1970-76
Peach Creek near New Caney (e)	08071100	155	1970-76
Tarkington Bayou near Dayton (e)	08071200	142	1964-76
Luce Bayou near Huffman (e)	08071300	226	1971-76
San Jacinto River near Huffman (d)	08071500	2,800	1937-53
Buffalo Bayou at Clodine (e)	08072400	84.2	1974-85
Langham Creek at West Little York Road, Addicks (d)	08072760*	25.0	1977-85
Bettina Street Ditch at Houston (e)	08073630	1.37	1979-85
Stony Brook Street Ditch at Houston (e)	08073750	0.50	1967-72
Bering Ditch at Woodway Drive, Houston (e)	08073800	2.77	1965-73
Cole Creek at Guhn Road at Houston (e)	08074100	7.05	1964-72
Bingle Road Storm Sewer at Houston (e)	08074145	0.21	1980-88
Cole Creek at Deihl Road at Houston (d)	08074150*	7.50	1964-86
Brickhouse Gully at Clarblak Street at Houston (e)	08074200	2.56	1965-83
Brickhouse Gully at Costa Rica Street at Houston (d)	08074250*	11.4	1964-81
Lazybrook Street Storm Sewer, Houston (e)	08074400	0.13	1978-88
Little White Oak Bayou at Houston (e)	08074550	20.9	1971-79
Buffalo Bayou at Main St., Houston (d)	08074600*	469	1962-94
Buffalo Bayou at 69th Street, Houston (e)	08074700	476	1961-86
Brays Bayou at Addicks-Clodine Rd., Houston (e)	08074750	0.87	1974-77
Brays Bayou at Alief Road, Alief (e)	08074760*	12.9	1977-85
Keegans Bayou at Keegans Road near Houston (e)	08074780*	7.47	1964-71
Keegans Bayou at Roark Road near Houston (d)	08074800*	13.0	1964-85
Bintliff Ditch at Bissonnet Street, Houston (e)	08074850	4.38	1968-82
Willow Waterhole Bayou at Landsdowne Street, Houston (e)	08074900	3.81	1965-72
Hummingbird Street Ditch at Mullins Street, Houston (e)	08074910	0.32	1979-84
Brays Bayou at Scott Street, Houston (e)	08075100	106	1971-81

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Sims Bayou at Carlsbad Street, Houston (e)	08075300	3.81	1964-72
Sims Bayou at MLK Blvd., Houston (e)	08075470	48.4	1978-89
Berry Bayou at Gilpin Street, Houston (e)	08075550	2.87	1965-84
Berry Bayou Tributary at Globe Street, Houston (e)	08075600	1.58	1965-72
Berry Bayou at Forest Oaks Street, Houston (e)	08075650*	10.7	1968-82
Berry Bayou at Galveston Road, Houston (e)	08075700	4.86	1965-72
Huntington Bayou Tributary at Cavalcade Street, Houston (e)	08075750	1.20	1965-72
Huntington Bayou at Falls Street, Houston (e)	08075760	2.75	1964-84
Halls Bayou at Deertrail Street at Houston (e)	08076200	8.69	1965-84
Carpenters Bayou at Cloverleaf (e)	08076900	25.8	1964, 1971-93
Clear Creek near Pearland (d)	08077000	38.8	1944-45, 1946-60, 1963-94
Clear Creek Tributary at Hall Road, Houston (e)	08077100	1.31	1965-86
Clear Creek at Friendswood (d)	08077540	99.6	1994-97
Cowart Creek near Friendswood (e)	08077550	18	1965-74
Clear Creek near Friendswood (e)	08077600	126	1966-94
Armand Bayou near Genoa (e)	08077620	18.2	1968, 1971-73
Highland Bayou at Hitchcock (e)	08077700	15.6	1963-82
Highland Bayou Tributary near Texas City (e)	08077750	1.97	1966-73
Highland Bayou near Texas City (e)	08077780	20.8	1965-88
Flores Bayou near Danbury (e)	08078700	23.3	1967-72
Oyster Creek near Angleton (d)	08079000	171	1945-80
North Fork Double Mountain Fork Brazos River at Lubbock (d)	08079500	5,300	1940-49,
North Fork Double Mountain Fork Brazos River above Buffalo Springs nr Lubbock (e)	08079530	29.3	1952-54, 1957, 1962, 1967-76
Buffalo Springs Lake near Lubbock (e)	08079550	236	1967-77
Barnum Springs Draw near Post (e)	08079570	4.99	1965-73
North Fork Double Mountain Fork Brazos River near Post (d)	08079575	438	1984-93
Rattlesnake Creek near Post (e)	08079580	2.75	1966-74
Double Mountain Fork Brazos River near Rotan (d)	08080000	8,536	1950-51
Guest-Flowers Draw near Aspermont (e)	08080510	3.02	1965-74
McDonald Creek near Post (d)	08080540	103	1966-78
Running Water Draw at Plainview (d)	08080700	1,291	1939-53, 1957-78
Callahan Draw near Lockney (e)	08080750	37.5	1966-77
White River near Crosbytown (e)	08080800	529	1951-64
White River below falls near Crosbytown (e)	08080900	529	1951-64
Salt Fork Brazos River at Farm Road 1081 near Clairemont (e)	08080916	1,135	1968-77
Red Mud Creek near Spur (e)	08080918	65.1	1967-74
Salt Fork Brazos River at State Highway 208 near Clairemont (e)	08080940	1,357	1968-77
Duck Creek near Girard (d)	08080950	431	1965-89
Salt Fork Brazos River at U.S. Highway 380 near Jayton (e)	08080959	1,797	1968-77
Salt Fork Brazos River near Peacock (d)	08081000	4,619	1950-51, 1965-86
Short Croton Creek at mouth near Jayton (e)	08081050	18.1	1959-82
Croton Creek below Short Croton Creek near Jayton (e)	08081100	250	1959-82
Croton Creek near Jayton (d)	08081200	290	1959-86
Salt Croton Creek at Weir D near Aspermont (e)	08081400	55.5	1957-76
Haystack Creek at Weir E near Aspermont (e)	08081450	15.1	1957-77
Salt Croton Creek near Aspermont (d)	08081500	64.30	1957-77
Stinking Creek near Aspermont (d)	08082100	88.80	1966-83
North Croton Creek near Knox City (d)	08082180	251	1965-86
Millers Creek Reservoir near Bomartin (d)	08082800	240	1975-94
North Elm Creek near Throckmorton (e)	08082900	3.58	1965-77
Elm Creek near Profitt (e)	08082950	275	1969-85
Brazos River near Graham (d)	08083000	16,830	1916-20

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Clear Fork Brazos River at Hawley (d)	08083240	1,416	1968-89
Mulberry Creek near Hawley (d)	08083245	205	1968-89
Elm Creek near Abilene (d)	08083300	133	1964-79
Little Elm Creek near Abilene (d)	08083400	39.10	1964-79
Cat Claw Creek at Abilene (d)	08083420*	13	1971-79
Elm Creek at Abilene (d)	08083430	422	1980-83
Cedar Creek at Abilene (d)	08083470	119	1971-84
Paint Creek near Haskell (d)	08085000	914	1950-51
Humphries Draw near Haskell (e)	08085300	3.51	1965-77
Clear Fork Brazos River at Crystall Falls (d)	08086000	4,323	1922-29
Hubbard Creek near Sedwick (d)	08086015	128	1964-66
Hubbard Creek at Highway 380 near Moran (e)	08086020	152	1963-76
Deep Creek near Putnam (e)	08086030	33.8	1963-66
Brushy Creek near Putnam (e)	08086040	27.6	1963-66
Mexia Creek near Putnam (e)	08086045	67.0	1963-66
Deep Creek at Moran (d)	08086050	228	1963-75
Hubbard Creek near Albany (d)	08086100	454	1962-75
Salt Prong Hubbard Creek below Lake McCarty near Albany (e)	08086110	45.5	1963-66
Salt Prong Hubbard Creek at U.S. 380 near Albany (d)	08086120	61	1964-68
Cook Creek near Albany (e)	08086130	11.3	1963-76
North Fork Hubbard Creek near Albany (d)	08086150	39.3	1963-90
Salt Prong Hubbard Creek near Albany (d)	08086200	115	1962-63
Snailum Creek near Albany (d)	08086210	22.90	1964-66
Big Sandy Creek near Eolian (e)	08086220	91.4	1963-76
Battle Creek near Putnam (e)	08086230	32.0	1963-66
Battle Creek near Moran (d)	08086235	108	1967-68
Battle Creek near Eolian (e)	08086240	137	1963-66
Pecan Creek at FM 1853 near Eolian (e)	08086250	6.95	1963-66
Pecan Creek near Eolian (d)	08086260	26.40	1967-75
Big Sandy Creek near Breckenridge (e)	08086300	288	1962-75
Hubbard Creek near Breckenridge (d)	08086500	1,089	1955-86
Clear Fork Brazos River near Crystal Falls (e)	08087000	5,658	1916-20, 1928-51
Clear Fork Brazos River near Eliasville (d)	08087300	5,697	1916-20, 1924-25, 1928-51, 1962-82
Salt Creek at Olney (d)	08088100	11.80	1958-77
Salt Creek near Newcastle (d)	08088200	120	1958-60
Briar Creek near Graham (d)	08088300	24.20	1958-89
Brazos River at Farm Road 1287 near Graham (e)	08088420	13,432	1970-77
Big Cedar Creek near Ivan (d)	08088450	97	1965-89
Brazos River at Morris Sheppard Dam near Graford (d)	08088600	14,030	1990-94
Elm Creek Tributary near Graford (e)	08089100	1.10	1965-74
Lake Palo Pinto near Santo (e)	08090300	461	1964-82
Palo Pinto Creek near Santo (d)	08090500	573	1925, 1951-76
Cidwell Branch near Granbury (e)	08090850	3.37	1966-73
Morris Branch near Bluff Dale (e)	08091200	0.06	1965-73
Panther Branch near Tolar (e)	08091700	7.82	1966-74
Lake Pat Cleburne near Cleburne (d)	08091900	100	1965-85
Nolan River at Blum (d)	08092000*	282.0	1924-87
Brazos River near Whitney (d)	08093000	17,648	1939-74
Bond Branch near Hillsboro (e)	08093200	0.36	1965-74
Hackberry Creek at Hillsboro (d)	08093250	57.9	1980-92
Hackberry Creek below Hillsboro (e)	08093260	86.8	1980-92
Aquilla Creek above Aquilla (d)	08093360*	255.0	1980-92
Cobb Creek near Abbott (d)	08093400	12.40	1967-79
Aquilla Creek at RR bridge near Aquilla (e)	08093530	345	1976-85
Aquilla Creek at Farm Road 2114 near Aquilla (e)	08093540	351	1976-85
Aquilla Creek at Farm Road and 1858 near Ross (e)	08093560	392	1976-85

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Aquilla Creek at Farm Road 933 near Ross (e)	08093580	397	1976-85
North Bosque River at Stephenville (d)	08093700	95.90	1958-79
Green Creek SWS #1 near Dublin (d)	08094000	4.19	1955-77
Green Creek near Alexander (d)	08094500	45.40	1958-73
South Bosque River near McGregor (e)	08095220	15.9	1967-73
Willow Branch at McGregor (e)	08095250	2.52	1966-73
Middle Bosque River near McGregor (d)	08095300*	182.0	1959-86
Hog Creek near Crawford (d)	08095400*	78.0	1959-86
South Bosque River near Speegleville (d)	08095500	386	1924-30
Bosque River near Waco (d)	08095600	1,656	1960-82
Box Branch at Robinson (e)	08096550	0.34	1965-73
Cow Bayou SWS No. 4 (inflow) near Bruceville (e)	08096800	5.04	1958-75
Cow Bayou at Mooreville (d)	08097000	83.50	1958-75
Brazos River near Marlin (d)	08097500	30,211	1939-51
Deer Creek at Chilton (d)	08098000	84.50	1934-36
Little Pond Creek at Burlington (d)	08098300	23	1963-82
Leon River near De Leon (d)	08099100*	479.0	1960-87
Sabana River near De Leon (d)	08099300*	264.0	1960-87
Sabana River Tributary near De Leon (e)	08099350	0.48	1966-74
Leon River near Hasse (d)	08099500	1,261	1939-91
Eidson Creek near Hamilton (e)	08100100	2.91	1965-73
Bermuda Branch near Gatesville (e)	08100400	0.50	1966-73
Hoffman Branch near Hamilton (e)	08100800	5.56	1966-74
Cowhouse Creek near Killeen (d)	08101500	667	1925, 1939-42
Nolan Creek at Belton (d)	08102600	112	1974-82
School Branch near Lampasas (e)	08102900	0.90	1966-73
Fleece Branch near Lampasas (e)	08103450	1.08	1965-74
Lampasas River at Youngsport (d)	08104000	1,240	1924-80
Lampasas River near Belton (d)	08104100*	1,321	1963-89
Salado Creek above Salado (e)	08104290*	134	1985-88
Salado Creek below Salado Springs (d)	08104310*	136	1985-87
N. Fork San Gabriel River upstream from State Highway 418 at Georgetown (e)	08104795*	271	1985-88
North Fork San Gabriel River at Georgetown (d)	08104800	268	1964-68
South Fork San Gabriel River near Bertram (e)	08104850	8.9	1967-74
San Gabriel River at Georgetown (d)	08105000*	405	1924-25, 1934-73, 1984-87
Berry Creek at State Hwy. 971 near Georgetown (d)	08105200*	117	1985-87
San Gabriel River near Weir (d)	08105300*	563	1977-90
San Gabriel River near Circleville (d)	08105400	599	1924-34, 1967-77
Avery Branch near Taylor (e)	08105900	3.52	1966-73
Brushy Creek at Coupland (d)	08106000	205.0	1924-26
Brushy Creek near Rockdale (d)	08106300	505	1967-80
San Gabriel River near Rockdale (d)	08106310	1,359	1975-92
Big Elm Creek near Temple (d)	08107000	74.70	1934-36
Big Elm Creek near Buckholts (d)	08107500	171	1934-36
North Elm Creek near Ben Arnold (d)	08108000	32.20	1935-36
North Elm Creek near Cameron (d)	08108200	44.80	1963-73
Little Branch near Bryan (e)	08108800	0.14	1966-73
Brazos River near Bryan (d)	08109000	39,515	1899-1903, 1918-92
Brazos River near College Station (d)	08109500	30,033	1899-1902, 1918-25
Yegua Creek near Somerville (d)	08110000	1,009	1924-92
Brazos River at Washington (e)	08110200	41,192	1966-95
Plummers Creek at Mexia (e)	08110350	4.42	1965-73
Navasota River near Groesbeck (d)	08110400	311	1965-79
Navasota River near Bryan (d)	08111000	1,454	1951-94, 1994-97

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Navasota River near College Station (d)	08111010	1,809	1977-85
Burton Creek at Villa Maria Road, Bryan (d)	08111025	1.33	1968-70
Hudson Creek near Bryan (d)	08111050	1.94	1968-70
Winkleman Creek near Brenham (e)	08111100	0.75	1965-73
Piney Creek near Bellville (e)	08111600	30.7	1948, 1955, 1958, 1964-89
West Fork Mill Creek near Industry (e)	08111650	15.3	1964-89
Mill Creek near Bellville (d)	08111700	376	1963-93
Brazos River near San Felipe (d)	08112000	35,100	1939-57
Brazos River near Wallis (e)	08112200	44,700	1974-75
Brazos River Authority Canal A near Fulshear (d)	08112500	N/A	1932-54, 1958-73
Richmond Irrigation Co. Canal near Richmond (d)	08113500	N/A	1932-54, 1956-78
Brazos River near Juliff (d)	08114500	45,084	1949-69
Seabourne Creek near Rosenberg (e)	08114900	5.78	1968-74
Fairchild Creek near Needville (d)	08115500	26.20	1947-55
Big Creek near Guy (d)	08116000	116	1947-50
Dry Creek near Rosenberg (d)	08116400	8.65	1959-79
Dry Creek near Richmond (d)	08116500	12.20	1947-50, 1957-58
San Bernard River near West Columbia (e)	08117700	766	1949, 1971-77
Mound Creek Tributary at Guy (e)	08117800	1.48	1966-73
Big Boggy Creek near Wadsworth (d)	08117900	10.30	1970-77
Bull Creek near Ira (d)	08118500	26.30	1948-54, 1959-62
Colorado River below Bull Creek near Ira (e)	08118600	3,524	1975-78
Bluff Creek near Ira (d)	08119000	42.60	1948-65
Bluff Creek at mouth near Ira (e)	08119100	44.1	1975-78
Colorado River near Ira (d)	08119500	3,483	1948-52, 1959-89
Deep Creek near Dunn (d)	08120500	198	1953-86
Morgan Creek near Westbrook (d)	08121500	273	1954-63
Graze Creek near Westbrook (d)	08122000	21.70	1954-59
Morgan Creek near Colorado City (d)	08122500	313	1947-49
Champlin Creek near Colorado City (d)	08123500	198	1948-59
Sulphur Springs Draw near Wellman (e)	08123620	41.80	1966-74
Beals Creek above Big Spring (d)	08123650	9,319	1959-79
Beals Creek at Big Spring (d)	08123700	9,341	1957-59
Beals Creek near Coahoma (d)	08123720	9,383	1983-88
Coahoma Draw Tributary near Big Spring (e)	08123750	2.38	1966-74
Bull Creek Tributary near Forsan (e)	08123760	0.4	1966-74
Colorado River near Silver (d)	08123900	14,997	1957-70
Bitter Creek near Silver (e)	08123920	4.3	1967-74
Salt Creek Tributary near Hylton (e)	08125450	0.25	1966-74
Oak Creek Reservoir near Blackwell (e)	08125500	238	1953-83
Fish Creek Tributary near Hylton (e)	08126300	0.25	1966-71
Colorado River at Ballinger (d)	08126500	16,413	1907-79
Dry Creek near Christoval (e)	08127100	0.79	1965-73
South Concho Irrigation Co. Canal at Christoval (d)	08127500	N/A	1940-83
South Concho River at Christoval (d)	08128000*	412.6	1931-95
Middle Concho River above Tankersley (d)	08128400*	2,084	1962-95
Middle Concho River near Tankersley (d)	08128500	2,653	1930-61
Spring Creek above Tankersley (d)	08129300*	424.7	1961-95
Dove Creek Springs near Knickerbocker (d)	08129500*	N/A	1944-58
Dove Creek at Knickerbocker (d)	08130500*	226.43	1961-95

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Spring Creek near Tankersley (d)	08131000	699	1930-60
South Concho River above Pecan Creek near San Angelo (e)	08131300	470	1963-84
Pecan Creek near San Angelo (d)	08131400	81.10	1961-86
Tom Green Co. WCID No. 1 Canal near San Angelo (d)	08131600	N/A	1963-81
South Concho River at San Angelo (d)	08132500	3,866	1932-53
Quarry Creek near Sterling City (e)	08133300	3.25	1965-73
North Concho River at Sterling City (d)	08133500*	588.0	1939-87
Broome Creek near Broome (e)	08133800	0.29	1965-73
Nolke Station Creek near San Angelo (e)	08134300	0.59	1965-73
Gravel Pit Creek near San Angelo (e)	08134400	0.19	1965-74
North Concho River at San Angelo (d)	08135000	1,525	1916-31, 1947-90
Puddle Creek near Veribest (e)	08136200	12.0	1966-73
Frog Pond Creek near Eden (e)	08136300	1.96	1967-73
Mukewater Creek SWS No. 10A near Trickham (e)	08136900	15.3	1965-72
Mukewater Creek SWS No. 9 near Trickham (e)	08137000	4.02	1961-72
Mukewater Creek at Trickham (d)	08137500	70	1951-73
Deep Creek SWS No. 3 near Placid (e)	08139000	3.42	1954-60
Deep Creek near Mercury (d)	08139500	43.90	1954-73
Deep Creek SWS No. 8 near Mercury (e)	08140000	5.14	1952-71
Dry Prong Deep Creek near Mercury (d)	08140500	8.31	1951-71
Lake Clyde near Clyde (e)	08140600	36.9	1970-85
Pecan Bayou near Cross Cut (d)	08140700	532	1968-79
Jim Ned Creek near Coleman (d)	08140800	333	1965-80
McCall Branch near Coleman (e)	08141100	2.17	1966-73
Hords Creek near Valera (d)	08141500	54.20	1947-91
Hords Creek at Coleman (d)	08142000	107	1941-70
Brown County WID No. 1 Canal near Brownwood (d)	08142500	N/A	1950-83
Pecan Bayou at Brownwood (d)	08143500	1,660	1917-18, 1924-83
Brown Creek Tributary near Goldthwaite (e)	08143700	2.48	1966-73
Noyes Canal at Menard (d)	08144000	N/A	1924-83
Brady Creek near Eden (d)	08144800	101	1962-85
Brady Creek at Brady (d)	08145000	588	1939-86
Brady Creek Tributary near Brady (e)	08145100	4.05	1967-73
Lake Buchanan near Burnet (e)	08148000	31,910	1937-90
North Llano River near Junction (d)	08148500	914	1915-77
Llano River Tributary near London (e)	08150200	0.58	1966-73
Stone Creek Tributary near Art (e)	08150900	0.40	1966-73
Llano River near Castell (d)	08151000	3,747	1924-39
Johnson Creek near Valley Spring (e)	08151300	5.66	1967-73
Sandy Creek near Kingsland (d)	08152000	327	1967-93
Little Flatrock Creek near Marble Falls (e)	08152700	3.20	1966-74
Spring Creek near Fredricksburg (e)	08152800	15.20	1967-73
Pedernales River at Stonewall (d)	08153000	647	1924-34
Cane Branch at Stonewall (e)	08153100	1.37	1965-71
Pedernales River near Spicewood (d)	08154000	1,294	1924-39
Lake Travis near Austin (d)	08154500	38,755	1940-90
Colorado River below Mansfield Dam, Austin (d)	08154510	38,755	1975-90
West Bull Creek at Loop 360 near Austin (e)	08154750	6.77	1976-82
Bull Creek at FM 2222, Austin (e)	08154760	30.4	1975-78
Bee Creek at West Lake Drive near Austin (e)	08154950	3.28	1980-82
Barton Creek near Camp Craft Road near Austin (d)	08155260	109	1982-89
Skunk Hollow Creek below Pond 1 at Austin (e)	08155400	0.12	1982-84
West Bouldin Creek at Riverside Drive, Austin (e)	08155550	3.12	1976-82
Shoal Creek at Steck Avenue, Austin (e)	08156650	2.79	1975-82
Shoal Creek at Northwest Park at Austin (d)	08156700	6.52	1975-84
Shoal Creek at White Rick Drive, Austin (e)	08156750	12.30	1975-82
Waller Creek at 38th Street, Austin (d)	08157000	2.31	1955-80
Waller Creek at 23rd Street, Austin (d)	08157500	4.13	1955-80
Walnut Creek at Farm-Market 1325 near Austin (e)	08158100	12.60	1975-88

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Olmos Creek at Dresden Drive, San Antonio (d)	08177700*	21.2	1968-81
Olmos Reservoir at San Antonio (e)	08177800	32.4	1968-71, 1976-89. 1992-95
San Antonio River at Woodlawn Avenue, San Antonio (e)	08177860	36.4	1989-95
San Antonio River at Dolorosa, San Antonio (d)	08177920	N/A	1980-86
San Antonio River at San Antonio (d)	08178000	41.8	1895-1906, 1915-29, 1939-97
Alazan Creek at St. Cloud Street, San Antonio (e)	08178300	3.26	1969-79
San Pedro Creek at Furnish St., San Antonio (d)	08178500*	2.60	1916-29
Harlandale Creek at W. Harding Street, San Antonio (e)	08178555	2.43	1977-81
Panther Springs Creek at FM 2696 near San Antonio (e)	08178600	9.54	1969-77
Lorence Creek at Thousand Oaks Blvd., San Antonio (e)	08178620	4.05	1980-84
West Elm Creek at San Antonio (e)	08178640	2.45	1976-88
East Elm Creek at San Antonio (e)	08178645	2.33	1976-81
Salado Creek Tributary at Bitters Road, San Antonio (e)	08178690	0.26	1969-81
Salado Creek at Rittman Road, San Antonio (e)	08178720	137.1	1968-81
Salado Creek Tributary at Bee Street, San Antonio (e)	08178736	0.45	1970-77
Salado Creek at E. Houston Street, San Antonio (e)	08178740	181	1968-81
Salado Creek at U.S. Highway 87, San Antonio (e)	08178760	186	1968-81
Salado Creek at Southcross Blvd., San Antonio (e)	08178780	188	1968-81
Bandera Creek Tributary near Bandera (e)	08178900	0.27	1966-74
Medina River near Pipe Creek (d)	08179000	474	1923-35, 1953-82
Red Bluff Creek near Pipe Creek (d)	08179100	56.30	1956-81
Medina River Tributary near Pipe Creek (e)	08179200	0.30	1966-74
Medina Lake near San Antonio (e)	08179500	634	1913-94
Medina Canal near Riomedina (e)	08180000	N/A	1922-34, 1957-93
Medina River near Riomedina (d)	08180500	650	1922-34, 1953-73
Medio Creek at Pearsall Road, San Antonio (e)	08180750	47.9	1987-95
Leon Creek Tributary at FM 1604, San Antonio (e)	08181000	5.57	1968-80
French Creek Tributary near Helotes (e)	08181200	1.08	1966-74
Ranch Creek near Helotes (d)	08181410		1978
Leon Creek Tributary at Kelly Air Force Base (d)	08181450	1.19	1969-79
Calaveras Creek SWS No. 6 (inflow) near Elmendorf (e)	08182400	7.01	1957-77
Calaveras Creek near Elmendorf (d)	08182500	77.20	1954-71
San Antonio River at Calaveras (d)	08183000	1,786	1918-25
Cibolo Creek near Boerne (d)	08183900	68.4	1963-95
Cibolo Creek near Bulverde (d)	08184000	198	1946-66
Cibolo Creek above Bracken (d)	08184500	250	1946-51
Cibolo Creek at Sutherland Springs (d)	08185500	665	1924-29
Ecleto Creek near Runge (d)	08186500	239	1962-89
Escondido Creek SWS No. 1 (inflow) near Kenedy (e)	08187000	3.29	1955-73
Escondido Creek at Kenedy (d)	08187500	72.40	1954-73
Escondido Creek SWS No. 11 (inflow) near Kenedy (e)	08187900	8.45	1959-77
Dry Escondido Creek near Kenedy (d)	08188000	9.43	1954-59
Baugh Creek at Goliad (e)	08188400	3.02	1966-74
Guadalupe-Blanco River Authority Calhoun Canal-Flume No. 2 near Long Mott (d)	08188750	N/A	1972-86
Guadalupe River at State Highway 35 near Tivoli (e)	08188810	10,280	1975-82
Medio Creek near Beeville (d)	08189300	204	1962-77
Olmos Creek Tributary near Skidmore (e)	08189600	0.58	1966-73
Chiltipin Creek at Sinton (d)	08189800	128	1970-91
Nueces River near Uvalde (d)	08191500	1,930	1928-39
Nueces River near Cinonia (d)	08192500	2,150	1915-25
Plant Creek near Tilden (e)	08194550	0.36	1965-74
Nueces River at Simmons (d)	08194600	8,561	1965-77

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
			1964-90
Pecos River above Barstow (d)	08416500	21,800	1916-21
Ward County Irrigation District No. 1 Canal near Barstow (d)	08418000	N/A	1922-25, 1939-57, 1964-90
Pecos River at Pecos (d)	08420500	22,100	1898-1907, 1914-15, 1922-26, 1939-55
Madera Canyon near Toyahvale (d)	08424500	53.80	1932-49
Phantom Lake Spring near Toyahvale (d)	08425500*	N/A	1932-34, 1942-66
Giffin Springs at Toyahvale (d)	08427000*	N/A	1932-33
San Solomon Springs at Toyahvale (d)	08427500	N/A	1932-34, 1941-65
West Sandia Spring at Balmorhea (d)	08429000	N/A	1932-33
East Sandia Spring at Balmorhea (d)	08430000	N/A	1932-33
Toyah Creek near Pecos (d)	08431000	1,024	1940-41, 1944-45
Salt Draw near Pecos (d)	08431500	1,882	1939-41, 1944-45
Limpia Creek above Fort Davis (d)	08431700	52.40	1966-86
Limpia Creek below Fort Davis (d)	08431800	227	1962-77
Limpia Creek near Fort Davis (d)	08432000	303	1925-32
Barrilla Draw near Saragosa (d)	08433000	612	1925-26, 1932, 1976-83
Toyah Creek below Toyah Lake near Pecos (d)	08434000	3,709	1939-51
Grandfalls-Big Valley Canal near Barstow (d)	08435000	N/A	1922-26, 1939-57, 1964-76
Pecos River below Barstow (d)	08435500	25,980	1939-41
Toronto Creek near Alpine (d)	08435600	27.90	1971-76
Alpine Creek at Alpine (d)	08435620	18.10	1971-76
Moss Creek near Alpine (d)	08435660	11.30	1971-76
Sunny Glen Canyon near Alpine (d)	08435700	29.70	1968-77
Coyanosa Draw near Fort Stockton (d)	08435800	1,182	1964-77
Pecos County WID No. 2 (Upper Div.) Canal near Grandfalls (d)	08436500	N/A	1922-25, 1939-57, 1964-90
Courtney Creek Tributary near Fort Stockton (e)	08436800	0.44	1966-74
Pecos County WID No. 2 Canal near Imperial (d)	08437500	N/A	1940-57, 1964-90
Lake Leon Tributary near Fort Stockton (e)	08437550	1.59	1966-74
Pecos County WID No. 3 Canal near Imperial (d)	08437600	N/A	1940-57, 1964-90
Monument Draw Tributary at Pyote (e)	08437650	178	1966-74
Ward County WID No. 2 Canal near Grand Falls (d)	08437700	N/A	1939-57, 1964-90
Pecos River near Grand Falls (d)	08438100	27,810	1916-26
Pecos River below Grand Falls (d)	08441500	27,820	1921-26, 1939-56
Three Mile Mesa Creek near Fort Stockton (e)	08444400	1.04	1966-74
Comanche Springs at Fort Stockton (d)	08444500	N/A	1936-64
Pecos River near Sheffield (d)	08447000	31,600	1922-25, 1940-49
Independence Creek near Sheffield (d)	08447020	763	1974-85
Howards Creek Tributary near Ozona (e)	08447200	7.53	1967-73
Pecos River near Shumla (d)	08447400	35,162	1955-60
Pecos River near Comstock (d)	08447500	35,298	1900-54
Goodenough Springs near Comstock (e)	08448500	N/A	1929-60

Station name	Station number	Drainage area (mi^2)	Period of record (water years)
Sonora Field Creek at Sonora (e)	08448800	2.60	1965-71
Devils River near Juno (d)	08449000	2,730	1925-49, 1964-73
Devils River near Comstock (d)	08449300	3,903	1955-58
Rough Canyon Tributary near Del Rio (e)	08449470	7.90	1967-73
Devils River near Del Rio (d)	08449500	4,185	1900-14, 1924-57
Evans Creek Tributary near Del Rio (e)	08449600	0.39	1966-73
Devils River near mouth, Del Rio (d)	08450500	4,305	1954-60
Rio Grande near Del Rio (d)	08452500	123,303	1900-15, 1920, 1924-54
San Felipe Creek near Del Rio (e)	08453000	46.0	1931-60
Zorro Creek near Del Rio (e)	08453100	10.0	1966-74
East Perdido Creek near Brackettville (e)	08454900	3.39	1965-74
Pinto Creek near Del Rio (d)	08455000	249	1929-69, 1971-72
Rio Grande at San Antonio Crossing (d)	08458700	129,226	1952-60
Arroyo San Bartolo at Zapata (e)	08459600	0.61	1966-74
Rio Grande near Zapata (d)	08460500	163,344	1932-53
International Falcon Reservoir near Falcon Heights (d)	08461200	N/A	1953-60
Rio Grande at Roma (d)	08462500	166,464	1900-13, 1923-54
Rio Grande near Rio Grande City (d)	08465500	180,941	1932-54
Rio Grande Tributary near Rio Grande City (e)	08466100	1.20	1966-74
Rio Grande Tributary near Sullivan City (e)	08466200	0.40	1966-74
North Floodway South of McAllen (d)	08468000	N/A	1928-60
South Floodway South of McAllen (d)	08470000	N/A	1929-60
Rio Grande at Hildalgo (d)	08471500	176,100	1928-32, 1935, 1939, 1941-51
Rio Grande near Progreso Bridge (d)	08473300	176,228	1953-60
Rio Grande near San Beniot (d)	08473700	176,304	1953-60
Rio Grande at Matamoros, MX (d)	08474500	182,211	1900-13, 1923-54
Rio Grande near Brownsville (d)	08475000	176,333	1935-50

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 2000 water year. Daily records of specific conductance, temperature, sediment, color, pH, dissolved oxygen, or chloride were collected and published for the record shown for each station.

[SC, specific conductance; T, temperature; S, sediment; C, color; pH, pH; DO, dissolved oxygen; Cl, chloride.]

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Canadian River at Tascosa	07227470	19,200	SC, T, Cl	1948-53,
		18,536	SC, T, pH, Cl	1969-77
Canadian River near Canadian	07228000	22,866	SC, T	1974-81
Prairie Dog Town Fork Red River near Wayside	07297910	4,221	SC, T	1969-81
Tule Creek near Silverton	07298200	1,150	SC, T, pH, Cl	1968-69
Prairie Dog Town Fork Red River near Brice	07298500	6,082	SC, pH, Cl, S	1949-51,
			T	1950-51
Mulberry Creek near Brice	07299000	534	SC, pH, Cl, S	1949-51
Prairie Dog Town Fork Red River near Lakeview	07299200	6,792	SC, T	1968-80,
			S	1979-80
Little Red River near Turkey	07299300	139	SC, T	1968-81,
			S	1979-81
Jonah Creek at Weir near Estelline	07299512	65.50	SC	1974-82
Jonah Creek below Weir near Estelline	07299514	66.60	SC	1974-76
Salt Creek near Estelline	07299530	142	SC	1974-79
Prairie Dog Town Fork Red River near Childress	07299540	7,725	SC, T	1968-82,
				1994-97
Salt Fork Red River near Hedley	07299930	868	SC, T, pH, Cl	1956-61
Salt Fork Red River near Wellington	07300000	1,222	SC, T, pH, Cl	1952-54,
			SC, T	1968-91
North Pease River near Childress	07307600	1,434	SC, T	1973-79
Middle Pease River near Paducah	07307750	1,086	SC	1973-79,
			T	1973-79,
			S	1994-97
Middle Pease River near Paducah	07307760	1,128	SC	1980-82,
			T	1980
Pease River near Childress	07307800	2,754	SC, T	1968-82,
				1994-97
Pease River near Crowell	07308000	3,037	SC	1942-43
Pease River near Vernon	07308200	3,488	SC,T	1999
Red River near Burkburnett	07308500	20,570	SC, T	1968-81
North Fork Wichita River near Paducah	07311600	540	SC, T	1968-76
North Fork Wichita River near Crowell	07311622	591	SC	1971-76
Middle Fork Wichita River near Truscott	07311648	161	SC	1970-76
Truscott Brine Lake near Truscott	07311669	26.2	SC, T	1985-90
North Fork Wichita River near Truscott	07311700	937	SC, T	1969-92
South Fork Wichita River near Guthrie	07311780	239	SC	1970-76
South Wichita River below Low-Flow Dam near Guthrie	07311783	223	SC, T	1987-89
South Fork Wichita River at Ross Ranch near Guthrie	07311790	499	SC	1971-79,
			Cl	1988-97,
			S	1978-79
Wichita River near Seymour	07311900	1,874	SC, T	1968-79
Beaver Creek near Electra	07312200	652	SC,T	1969-70
				1996-99
Little Wichita River near Archer City	07314500	481	SC	1953-55,
			T	1953-54
Little Wichita River near Henrietta	07314900	1,037	SC, DO	1999
Little Wichita River near Henrietta	07315000	1,037	SC, T, pH, Cl	1953-56,
			S, T	1959-66,
East Fork Little Wichita River near Henrietta	07315200	178	T	1954
Little Wichita River near Ringgold	07315400	1,350	SC, pH, Cl	1959-62
Red River near Gainesville	07316000	30,872	SC, Cl	1944-46,
			SC, T, pH, Cl	1953-63,

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
			SC, T	1967-89,
Red River at Denison Dam near Denison	07331600	39,720	SC	1944-89,
			T	1945-89
Little Pine Creek near Kanawha	07336750	75.40	T	1980
Red River near De Kalb	07336820	47,348	SC, T	1968-91
South Sulphur River near Cooper	07342500	527	SC, T, pH, Cl	1959-66,
				1968-72,
			SC, T	1973-89
Sulphur River near Talco	07343200	1,365	SC, T, pH, Cl	1966-72,
			SC, T	1973-91
White Oak Creek near Talco	07343500	494	SC, T, pH, Cl	1966-72,
			SC, T	1973-91
Sulphur River near Darden	07344000	2,774	SC, T, pH, Cl	1947-50
Big Cypress Creek near Pittsburg	07344500	366	SC, T, pH, Cl	1968-72,
			SC, T	1973-89
Little Cypress Creek near Jefferson	07346070	675	SC, T, pH, Cl	1968-72,
			SC, T	1973-91
Sabine River near Emory	08017500	888	SC, T, pH, Cl	1952-54
Grand Saline Creek near Grand Saline	08018200	91.40	SC, T, pH, Cl	1968-73
Sabine River near Mineola	08018500	1,357	SC, T, pH, Cl	1968-72,
			SC, T	1973-92
Lake Fork Creek near Quitman	08019000	585	SC, T, pH, Cl	1968-72,
			SC, T	1973-89
Big Sandy Creek near Big Sandy	08019500	231	SC, T, S	1985-86
Sabine River near Beckville	08022040	3,589	SC, T	1952-98
Sabine River below Toledo Bend near Burkeville	08026000	7,482	SC, T	1969-86,
			C	1969-75
Sabine River near Bon Wier	08028500	8,229	SC, T, C	1969-84
Sabine River near Ruliff	08030500	9,329	SC	1945,
				1947-98
			T	1947-98
			pH, DO	1968-75,
			C	1970-76,
			Cl	1968
Cow Bayou near Mauriceville	08031000	83.30	SC, T, pH, Cl	1952-54,
			SC, T	1954-56
Neches River near Neches	08032000	1,145	SC, T	1974-91
Neches River near Alto	08032500	1,945	SC, T	1950-69
Neches River near Diboll	08033000	2,724	SC, T	1970-81
Neches River near Rockland	08033500	3,636	SC	1941-42,
				1946-47
Angelina River near Lufkin	08037000	1,600	SC, T, pH, Cl	1955-78,
			SC, T	1955-
Attoyac Bayou near Chireno	08038000	503	SC, T	1984-99
Sam Rayburn Reservoir near Jasper	08039300	3,449	SC, T	1964-84,
				1993-99
Angelina River below Sam Rayburn Dam near Jasper	08039400	3,449	SC, T	1964-79
Angelina River at SH 63 near Ebenezer	08039500	3,435	SC, T	1994-99
Village Creek near Kountze	08041500	860	SC, T	1968-70
Pine Island Bayou near Sour Lake	08041700	336	SC, T, pH, Cl	1968-72,
			SC, T	1973-89
Big Sandy Creek near Bridgeport	08044000	333	SC, T, S	1968-77,
Lake Worth above Fort Worth	08045400	2,064	pH, Cl	
Clear Fork Trinity River at Fort Worth	08047500	518	SC, pH, Cl	1949-52,
			T	1948-62
Village Creek at Everman	08048970	84.5	SC, pH, T, DO	1990
Elm Fork Trinity River SWS # 6-0 near Muenster	08050200	0.77	S	1957-66
Elm Fork Trinity River near Muenster	08050300	46	SC	1967-68,

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
			T	1957-58, 1966-68,
			S	1957-68
Clear Creek near Sanger	08051500	295	SC, T, S	1968-77
Little Elm Creek near Celina	08052650	46.70	SC	1967-75,
			T, S	1966-75
Little Elm Creek near Aubrey	08052700	75.50	SC	1967-75,
			T, S	1966-75
Elm Fork Trinity River near Lewisville	08053000	1,673	SC	1982-86,
			T	1976-86
Lavon Lake near Lavon	08060500	770	SC,T,CL	1969-74, 1975,82, 1995-99
Duck Creek near Garland	08061700	31.6	SC, pH, T, DO	1988-89
East Fork Trinity River above Seagoville	08061970	1,183	SC, T, pH, DO	1987-93
East Fork Trinity River at Seagoville	08061980	1,224	SC, pH, T, DO	1987-96
Cedar Creek near Mabank	08063000	733	SC, T, pH, Cl	1956-57
Pin Oak Creek near Hubbard	08063200	17.60	SC	1967-72,
			T	1957-60, 1965-72,
			S	1957-60, 1962-72
Richland Creek near Richland	08063500	734	SC, T, pH, Cl	1968-69,
			SC, T	1983-89
Chambers Creek near Corsicana	08064500	963	SC, T, pH, Cl	1961-70
Richland Creek near Fairfield	08064600	1,957	SC, T, pH, Cl	1956-66, 1972,
			SC, T	1973-83
Trinity River near Oakwood	08065000	12,833	SC, T, pH, Cl	1948-54,
			SC, T, S	1977-81
Bedias Creek near Madisonville	08065800	321	SC, T	1985-87,
			S	1986
Long King Creek at Livingston	08066200	141	SC, T, pH, Cl	1963-72
Trinity River near Goodrich	08066250	16,844	SC, T	1970-73
Trinity River near Moss Bluff	08067100	17,738	SC, pH, Cl	1950-65
Old River near Cove	08067200	19.0	SC, pH, Cl	1950-65,
			T	1965
Trinity River at Anahuac	08067300	17,912	SC, pH, Cl	1950-65
West Fork San Jacinto River near Conroe	08068000	828	SC, T	1962-90,
			DO	1979-81
Panther Branch near Spring	08068450	34.50	S	1975-76
West Fork San Jacinto River near Humble	08069500	1,741	SC, Cl	1945-46
East Fork San Jacinto River near New Caney	08070200	388	SC,T	1984-99
San Jacinto River near Huffman	08071500	2,800	SC	1945-54,
			T	1949-54
Buffalo Bayou at West Belt Drive at Houston	08073600	307	SC, T	1979-81
Whiteoak Bayou at Main Street, Houston	08074598	127	SC, T, DO	1992-97
Buffalo Bayou at Main Street, Houston	08074600	469	SC, T, DO	1986-92
Sims Bayou at Houston	08075500	63.0	SC, T, DO	1994-97
Chocolate Bayou near Alvin	08078000	87.70	SC, T	1978-81
North Fork Double Mountain Fork Brazos River near Post	08079575	438	SC, T	1984-93
Double Mountain Fork Brazos River near Rotan	08080000	8,536	SC, T	1950-51
Double Mountain Fork Brazos River near Aspermont	08080500	8,796	SC, T, S	1949-51
			SC, T	1957-95
McDonald Creek near Post	08080540	103	SC, T	1964-78
Salt Fork Brazos River near Peacock	08081000	4,619	SC, T	1950-51, 1965-86

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Croton Creek near Jayton	08081200	290	SC, T	1961-80
Salt Croton Creek near Aspermont	08081500	64.30	SC	1969-77,
			T	1972-73
Salt Fork Brazos River near Aspermont	08082000	5,130	SC, T, pH, Cl	1949-51,
			SC, T	1957-82
Stinking Creek near Aspermont	08082100	88.80	T	1950,
			SC, T	1966-69
North Croton Creek near Knox City	08082180	251	SC, T	1966-86
Brazos River at Seymour	08082500	15,538	SC, T	1960-95
Clear Fork Brazos River at Hawley	08083240	1,416	SC, T	1968-79,
				1982-84
Clear Fork Brazos River at Nugent	08084000	2,199	SC, T, pH, Cl	1948-53
California Creek near Stamford	08084800	478	SC, T	1963-79
Paint Creek near Haskell	08085000	914	SC, T	1950-5
Clear Fork Brazos River at Fort Griffin	08085500	3,988	SC, T, S	1950-51,
			SC, T	1968-79,
				1982-84
Hubbard Creek near Sedwick	08086015	128	SC, T	1964-66
Deep Creek at Moran	08086050	228	SC, T	1963-75
Hubbard Creek near Albany	08086100	454	SC, T	1962-75
Salt Prong Hubbard Creek at U.S. Highway 380 near Albany	08086120	61	SC, T	1964-68
North Fork Hubbard Creek near Albany	08086150	39.30	SC, T	1964-90
Salt Prong Hubbard Creek near Albany	08086200	115	SC, T	1962-63
Snailum Creek near Albany	08086210	22.90	SC, T	1964-66
Battle Creek near Moran	08086235	108	SC, T	1967-68
Pecan Creek near Eolian	08086260	26.40	SC, T	1967-75
Big Sandy Creek near Breckenridge	08086300	288	SC, T	1962-77
Hubbard Creek near Breckenridge	08086500	1,089	SC, T	1955-75
Clear Fork Brazos River at Eliasville	08087300	5,697	SC, T	1962-82
Brazos River near South Bend	08088000	22,673	SC, Cl	1942-48,
			SC, T	1978-81
Salt Creek at Olney	08088100	11.80	SC, T	1958-60
Salt Creek near Newcastle	08088200	120	SC, T	1958-60
Brazos River at Morris Sheppard Dam near Graford	08088600	23,596	SC	1942-91,
			T	1950-55,
				1966-91
Brazos River near Dennis	08090800	25,237	SC, T	1971-95
Brazos River at Whitney Dam near Whitney	08092600	27,189	SC, T	1947-97
Aquilla Creek above Aquilla	08093360	255	SC, T	1980-83
Aquilla Creek near Aquilla	08093500	308	SC, T	1966,
				1968-82
Brazos River near Highbank	08098290	30,436	T	1968-84
Leon River near Eastland	08098500	235	SC, T	1950-53
Leon River near Hasse	08099500	1,261	SC, T	1980-82,
				1990-97
Leon River near Belton	08102500	3,542	T	1957-72
South Fork Rocky Creek near Briggs	08103900	33.30	S	1963-65
Lampasas River at Youngsport	08104000	1,240	SC, T	1961-64
Little River near Little River	08104500	5,228	SC, T	1965-73,
				1980-82
Little River near Cameron	08106500	7,065	SC, T	1959-97
San Gabriel River near Weir	08105300	563	T	1977-82
San Gabriel River at Laneport	08105700	738	T	1977-82
Brazos River at State Highway 21 near Bryan	08108700	39,049	SC, T	1961-65
Brazos River near Bryan	08109000	39,515	SC, T	1966
Brazos River near College Station	08109500	39,599	SC, T	1961-84
Yegua Creek near Somerville	08110000	1,009	SC, T	1961-67
Navasota River above Groesbeck	08110325	239	SC, T	1968-89

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Navasota River near Groesbeck	08110400	311	SC, T	1968-78
Navasota River near Easterly	08110500	968	SC	1942-43, 1947
Navasota River near Bryan	08111000	1,454	SC, T	1959-81,
			S	1976-81
Brazos River near Richmond	08114000	45,007	S	1966-86,
			SC	1942-95,
			T	1951-95
Brazos River near Rosharon	08116650	45,399	SC, T	1969-80
Brazos River at Harris Reservoir near Angleton	08116700	44,000	SC	1962-77,
			T	1967-77
Brazos River at Brazoria Reservoir near Brazoria	08117200	44,000	SC	1962-77,
			T	1967-77
San Bernard River near Boling	08117500	727	SC, T	1978-81
Colorado River above Bull Creek near Knapp	08118200	N/A	SC, T, Cl	1950-52
Bull Creek near Ira	08118500	26.30	SC, T, pH, Cl	1950-51
Bluff Creek near Ira	08119000	42.60	SC, T, pH, Cl	1950
Colorado River near Ira	08119500	3,483	SC, T	1950-52, 1959-70, 1975-82,
			Cl	1951-52
Deep Creek near Dunn	08120500	198	SC, T	1953-54
Colorado River near Cuthbert	08120700	3,912	SC	1965-99
			T	1965-80, 1983-99
Morgan Creek near Westbrook	08121500	273	T	1954-55
Graze Creek near Westbrook	08122000	21.70	T	1954-55
Morgan Creek near Colorado City	08122500	313	T	1947-49
Lake Colorado City near Colorado City	08123000	340	T	1954-55
Beals Creek above Big Spring	08123650	9,319	SC, T	1973-78
Beals Creek near Big Spring	08123700	9,341	SC, T	1956-57
Beals Creek near Coahoma	08123720	9,383	SC, T	1983-88
Colorado River near Silver	08123900	14,997	SC, T	1957-68
Colorado River at Robert Lee	08124000	15,307	SC, T, pH, Cl	1948-51,
			S	1949-51
Oak Creek near Blackwell	08126000	209	SC, T	1950
Colorado River at Ballinger	08126500	16,413	SC, T	1961-79,
			S	1978-79
Elm Creek at Ballinger	08127000	450	SC, T	1968-91
Concho River at Paint Rock	08136500	6,574	SC, T	1946-50, 1967-90,
			S	1978-81
Pecan Bayou at Brownwood	08143500	1,660	SC, T	1948-49
Pecan Bayou near Mullin	08143600	2,073	SC, T	1968-91
San Saba River near San Saba	08145500	N/A	SC, T	1962-65
San Saba River at San Saba	08146000	3,046	SC	1962-69,
			T	1963-70
Colorado River near San Saba	08147000	37,217	SC, T	1947-92,
			S	1951-62
Llano River at Llano	08151500	4,197	SC, T	1979-81
Lake Austin at Austin	08154900	38,240	SC, T	1965-80
Barton Creek below Barton Springs at Austin	08155505	125	SC, T,	1965, 1975-83, 1989-91, 1994-97
Waller Creek at 23rd Street at Austin	08157500	4.13	T	1955-60
Colorado River at Austin	08158000	39,009	SC, T	1948-91

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Colorado River above Columbus	08160700	41,403	SC, T	1983-86
Colorado River at Columbus	08161000	41,640	SC	1967-73,
			T	1957-59,
				1961-68
			S	1957-73
Colorado River at Wharton	08162000	42,003	SC	1945-92,
			T	1946-48,
Lavaca River near Edna	08164000	817	SC, T	1978-81
Navidad River near Ganado	08164500	826	SC, T	1960-80
Guadalupe River near Spring Branch	08167500	1,315	SC	1942-45
Guadalupe River at Sattler	08167800	1,436	T	1984-87
Blanco River at Wimberley	08171000	355	T	1977-78
Plum Creek near Luling	08173000	309	SC, T	1968-86
Guadalupe River at Victoria	08176500	5,198	SC	1946-81,
			T	1951-81
Coleto Creek Reservoir (Condenser No. 1) near Fannin	08177360	414	T	1980-94
Coleto Creek Reservoir (outflow) near Victoria	08177410	494	T	1980-94
San Antonio River at San Antonio	08178000	41.8	SC, T	1991-92,
				1996-97
Medina River at La Coste	08180640	805	SC, pH, T, DO	1987-95
Medio Creek at Pearsall Rd. at San Antonio	08180750	47.9	SC, pH, T, DO	1987-95
San Antonio River near Falls City	08183500	2,113	SC, pH, T, DO	1987-96
Cibolo Creek near Falls City	08186000	827	SC, T	1969-91
Escondido Creek SWS #1 near Kenedy	08187000	3.29	S	1955-65
Guadalupe River at Tivoli	08188800	10,128	SC, T	1966-82
Mission River at Refugio	08189500	690	SC, T	1961-81
Nueces River at Cotulla	08194000	5,171	SC	1942
Nueces River near Tilden	08194500	8,093	SC, T, S	1950
Frio River at Calliham	08207000	5,491	SC, T	1968-81
Nueces River near Three Rivers	08210000	15,427	SC	1945-47,
			SC, T, pH, Cl, S	1951-52,
			SC, T	1975-81
Nueces River at Bluntzer	08211000	16,772	SC, T	1948-91
Los Olmos Creek near Falfurrias	08212400	480	SC, T	1975-81
Rio Grande at Fort Quitman	08370500	31,944	SC, T	1975-78.
Rio Grande at Foster Ranch near Langtry	08377200	80,742	SC, T	1975-81
Pecos River below Red Bluff Dam near Orla	08410100	20,720	SC	1937-69,
			T	1953-69
Salt Draw near Orla	08411500	464	SC, T	1943-48
Pecos River near Mentone	08414000	21,650	SC	1939
Pecos River at Pecos	08420500	22,100	SC	1939-41
Toyah Creek near Pecos	08431000	1,024	SC	1940,
				1944
Salt Draw near Pecos	08431500	1,882	SC	1940,
				1944
Toyah Creek below Toyah Lake near Pecos	08434000	3,709	SC	1940-50,
			Cl	1940
Pecos River below Grand Falls	08441500	27,820	SC	1939-42,
				1947-56
Pecos River near Girvin	08446500	29,560	SC	1940-41,
				1947,
				1954-82
			T	1954-59,
				1964-82
Pecos River near Sheffield	08447000	31,600	SC	1940-41,
				1947
Pecos River near Langtry	08447410	35,179	SC, T	1971-76,

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
				1981-85
Devils River at Pafford Crossing near Comstock	08449400	3,961	SC, T	1978-85
Rio Grande at Laredo	08459000	132,578	SC	1975-86,
			T	1974-76
Rio Grande at Roma	08462500	166,464	SC	1942-43
Rio Grande at Mission Pumping Plant	08468000	171,800	SC	1945-50
Rio Grande at Cameron Co. WID #2 near San Benito	08473800	N/A	SC	1942-43
Rio Grande at Los Fresnos Pumping Plant near Brownsville	08474130	N/A	SC	1945-46
Rio Grande near Brownsville	08475000	176,333	SC	1943-44,
			SC, T	1967-83
			S	1966-83

08042800 West Fork Trinity River near Jacksboro, TX 28
08042820 Lost Creek Reservoir near Jacksboro, TX 30
08043000 Bridgeport Reservoir above Bridgeport, TX 34
08043700 Lake Amon G. Carter near Bowie, TX 36
08043900 Lyndon B. Johnson National Grasslands near Alvord, TX 40
08043950 Big Sandy Creek near Chico, TX 42
08044500 West Fork Trinity River near Boyd, TX 44
08044800 Walnut Creek at Reno, TX 46
08045000 Eagle Mountain Reservoir above Fort Worth, TX 48
08045400 Lake Worth above Fort Worth, TX 50
08045525 Farmers Branch at Westworth Village, TX 52
08045800 Lake Weatherford near Weatherford, TX 60
08045850 Clear Fork Trinity River near Weatherford, TX 62
08046500 Benbrook Lake near Benbrook, TX 64
08047000 Clear Fork Trinity River near Benbrook, TX 66
08047050 Mary’s Creek at Benbrook, TX 68
08047500 Clear Fork Trinity River at Fort Worth, TX 70
08048000 West Fork Trinity River at Fort Worth, TX 72
08048543 West Fork Trinity River at Beach Street, Fort Worth, TX 74
08048800 Big Fossil Creek at Haltom City, TX 383
08048970 Village Creek at Everman, TX 82
08049200 Lake Arlington at Arlington, TX 86
08049500 West Fork Trinity River at Grand Prairie, TX 94
08049580 Mountain Creek near Venus, TX 104
08049700 Walnut Creek near Mansfield, TX 106
08049800 Joe Pool Lake near Duncanville, TX 108
08050050 Mountain Creek Lake near Grand Prairie, TX 110
08050100 Mountain Creek at Grand Prairie, TX 112
08050400 Elm Fork Trinity River at Gainesville, TX 114
08050800 Timber Creek near Collinsville, TX 116
08050840 Range Creek near Collinsville, TX 118
08051100 Ray Roberts Lake near Pilot Point, TX 120
08051500 Clear Creek near Sanger, TX 122
08052700 Little Elm Creek near Aubrey, TX 126
08052800 Lewisville Lake near Lewisville, TX 128
08053000 Elm Fork Trinity River near Lewisville, TX 130
08053500 Denton Creek near Justin, TX 132
08053800 Elizabeth Creek at State Highway 114 near Roanoke, TX 136
08054500 Grapevine Lake near Grapevine, TX 138
08055000 Denton Creek near Grapevine, TX 154
08055500 Elm Fork Trinity River near Carrollton, TX 156
08056000 Elm Fork Trinity River at Frasier Dam, Dallas, TX 158

08042800 WEST FORK TRINITY RIVER NEAR JACKSBORO, TX

LOCATION.--Lat 33°17'30", long 98°04'49", Jack County, Hydrologic Unit 12030101, on upstream side of bridge on State Highway 59, 4.0 mi downstream from Big Cleveland Creek, 7.0 mi upstream from Carroll Creek, 7.0 mi northeast of Jacksboro and at mile 660.

DRAINAGE AREA.--683 mi^2.

PERIOD OF RECORD.--Mar 1956 to current year.
Water-quality records.--Sediment data: Oct 1976 to Sep 1978.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 869.28 ft above sea level (from Texas Department of Transportation). Sep 1960 to May 1961, nonrecording gage at same site and datum. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since 1974, at least 10% of contributing drainage area has been affected by discharge from the flood-detention pools of 21 floodwater-retarding structures with a combined detention capacity of 19,780 acre-ft. These structures control runoff from 70.9 mi^2 in the West Fork Trinity River drainage basin upstream from this station. No flow at times. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--18 years (water years 1956-73), 104 ft^3/s (75,350 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS 1956-73).--Maximum discharge, 35,100 ft^3/s, Apr 27, 1957, gage height, 32.10 ft; no flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in Jun 1941 reached a stage of 30 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 697 ft^3/s, May 3, gage height, 11.32 ft; minimum discharge, 0.00 ft^3/s, on many days, gage height, 3.72 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	365	8.8	15	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	621	5.6	7.8	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	672	4.9	5.9	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	315	12	4.2	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	65	8.5	3.3	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	18	4.1	4.0	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	9.3	2.2	5.1	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	65	1.6	4.6	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	29	1.3	3.1	.00	.00
10	.00	.00	.00	.00	.00	.67	.00	11	1.8	1.8	.00	.00
11	.00	.00	.00	.00	.00	1.7	.00	6.2	1.2	1.4	.00	.00
12	.00	.00	.00	.00	.00	.63	.00	4.5	.94	1.3	.00	.00
13	.00	.00	.00	.00	.00	.01	.00	2.8	.84	1.3	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	2.2	.84	3.0	.00	.00
15	.00	.00	.00	.00	.00	.00	.20	1.8	4.0	1.9	.00	.00
16	.00	.00	.00	.00	.00	.00	2.0	1.6	1.8	1.0	.00	.00
17	.00	.00	.00	.00	.00	.00	2.0	1.4	4.2	.79	.00	.00
18	.00	.00	.00	.00	.00	.00	3.0	1.3	3.6	.61	.00	.00
19	.00	.00	.00	.00	.00	.00	4.2	1.3	5.3	.41	.00	.00
20	.00	.00	.00	.00	.00	.00	2.1	1.4	5.2	.18	.00	.00
21	.00	.00	.00	.00	.00	.00	1.5	1.2	3.6	.04	.00	.00
22	.00	.00	.00	.00	.00	.00	1.0	1.1	2.3	.01	.00	.00
23	.00	.00	.00	.00	.00	.00	.94	1.0	1.7	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.85	.91	1.4	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.58	.76	1.4	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.29	.70	2.3	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.05	4.6	2.7	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.01	15	2.8	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.03	11	14	.00	.00	.00
30	.00	.00	.00	.00	---	.00	20	20	31	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	20	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	3.01	38.75	2271.07	141.92	66.74	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.097	1.29	73.3	4.73	2.15	.000	.000
MAX	.00	.00	.00	.00	.00	1.7	20	672	31	15	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.70	.84	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	6.0	77	4500	281	132	.00	.00

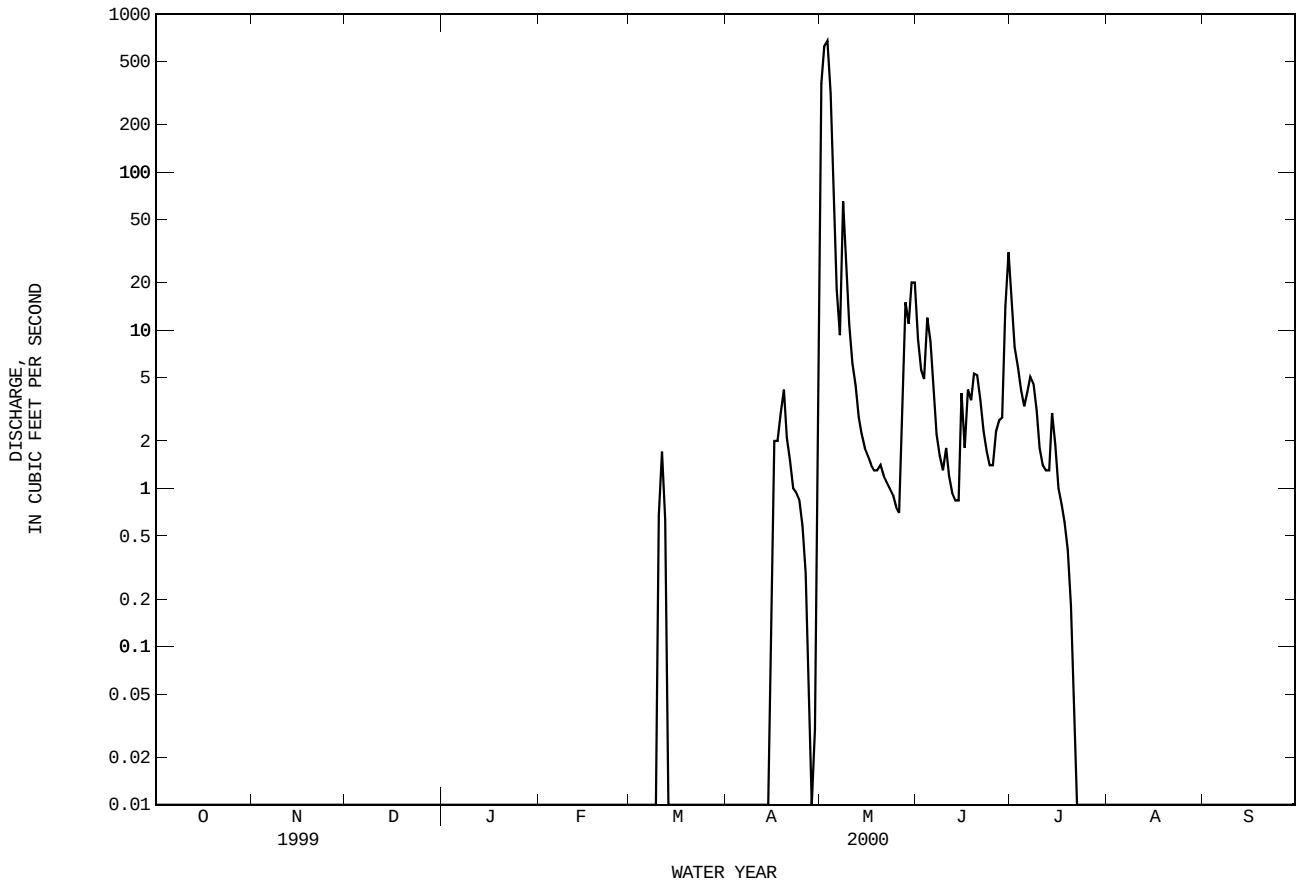
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2000z, BY WATER YEAR (WY)

MEAN	146	38.7	63.4	33.1	85.3	116	132	376	257	28.3	17.4	46.2
MAX	2363	219	1025	369	1049	697	2383	3127	1689	251	134	332
(WY)	1982	1975	1992	1985	1997	1990	1990	1989	1989	1975	1989	1996
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1978	1978	1978	1978	1978	1978	1980	1984	1984	1978	1980	1982

08042800 WEST FORK TRINITY RIVER NEAR JACKSBORO, TX--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1974 - 2000z	
ANNUAL TOTAL	9096.96		2521.49			
ANNUAL MEAN	24.9		6.89		112	
HIGHEST ANNUAL MEAN					468	1990
LOWEST ANNUAL MEAN					.072	1984
HIGHEST DAILY MEAN	930	Mar 20	672	May 3	29100	May 17 1989
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Apr 6 1974
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 6	.00	Oct 1	.00	Apr 12 1974
INSTANTANEOUS PEAK FLOW			697	May 3	33300	May 17 1989
INSTANTANEOUS PEAK STAGE			11.32	May 3	31.52	May 17 1989
ANNUAL RUNOFF (AC-FT)	18040		5000		80900	
10 PERCENT EXCEEDS	9.4		4.0		143	
50 PERCENT EXCEEDS	.00		.00		.90	
90 PERCENT EXCEEDS	.00		.00		.00	

z Period of regulated streamflow.



08042820 LOST CREEK RESERVOIR NEAR JACKSBORO, TX

LOCATION.--Lat 33°14'36", long 98°07'11", Jack County, Hydrologic Unit 12030101, located on north streamward side of dam on Lost Creek, 3.0 mi northeast of Jacksboro.

DRAINAGE AREA.--123 mi^2.

PERIOD OF RECORD.--Mar 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is mean sea level. Satellite telemeter at station.

REMARKS.--No estimated daily contents. Records good. The lake is formed by a zoned earth and rock fill embankment 2,245 ft long. The dam was completed and storage began in early to mid 1990. A 60-inch diameter reinforced concrete tower serves as the principal spillway. The emergency spillway is an earth-cut side-channel spillway. The dam was built by the city of Jacksboro to impound water for municipal and recreational use. Conservation pool storage is 11,960 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	1028.0
Crest of spillway	1009.0
Crest of emergency spillway	1016.0
Lowest gated outlet (invert)	947.0

COOPERATION.--Capacity table was furnished by the Texas Water Development Board. There was no known diversion from the lake during the current water year.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 13,400 acre-ft, Mar 19, 1999, elevation, 1,012.87 ft; minimum contents, 8,750 acre-ft, Sep 30, 2000, elevation, 1,000.76 ft.

EXTREMES FOR WATER YEAR 1999.--Maximum contents, 13,400 acre-ft, Mar 19, elevation, 1,012.87 ft; minimum contents, 10,250 acre-ft, Mar 7, elevation, 1,005.14 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 10,760 acre-ft, Oct 1, elevation, 1,006.50 ft; minimum contents, 8,750 acre-ft, Sep 30, elevation, 1,000.76 ft.

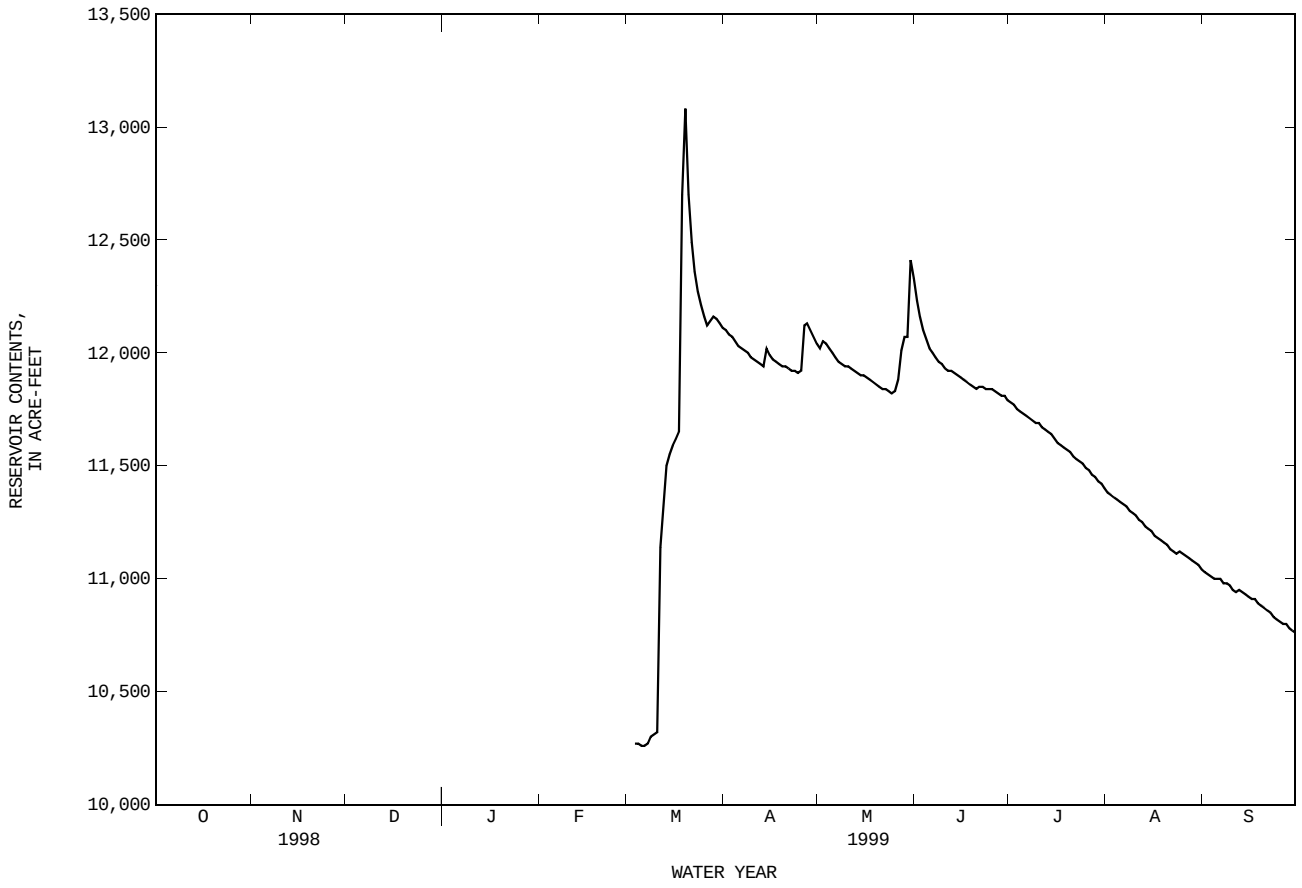
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	12100	12020	12230	11780	11380	11030
2	---	---	---	---	---	---	12080	12050	12160	11770	11370	11020
3	---	---	---	---	---	10270	12070	12040	12100	11750	11360	11010
4	---	---	---	---	---	10270	12050	12020	12060	11740	11350	11000
5	---	---	---	---	---	10260	12030	12000	12020	11730	11340	11000
6	---	---	---	---	---	10260	12020	11980	12000	11720	11330	11000
7	---	---	---	---	---	10270	12010	11960	11980	11710	11320	10980
8	---	---	---	---	---	10300	12000	11950	11960	11700	11300	10980
9	---	---	---	---	---	10310	11980	11940	11950	11690	11290	10970
10	---	---	---	---	---	10320	11970	11940	11930	11690	11280	10950
11	---	---	---	---	---	11140	11960	11930	11920	11670	11260	10940
12	---	---	---	---	---	11330	11950	11920	11920	11660	11250	10950
13	---	---	---	---	---	11500	11940	11910	11910	11650	11230	10940
14	---	---	---	---	---	11550	12020	11900	11900	11640	11220	10930
15	---	---	---	---	---	11590	11990	11900	11890	11620	11210	10920
16	---	---	---	---	---	11620	11970	11890	11880	11600	11190	10910
17	---	---	---	---	---	11650	11960	11880	11870	11590	11180	10910
18	---	---	---	---	---	12700	11950	11870	11860	11580	11170	10890
19	---	---	---	---	---	13080	11940	11860	11850	11570	11160	10880
20	---	---	---	---	---	12700	11940	11850	11840	11560	11150	10870
21	---	---	---	---	---	12490	11930	11840	11850	11540	11130	10860
22	---	---	---	---	---	12360	11920	11840	11850	11530	11120	10850
23	---	---	---	---	---	12270	11920	11830	11840	11520	11110	10830
24	---	---	---	---	---	12210	11910	11820	11840	11510	11120	10820
25	---	---	---	---	---	12160	11920	11830	11840	11490	11110	10810
26	---	---	---	---	---	12120	12120	11880	11830	11480	11100	10800
27	---	---	---	---	---	12140	12130	12010	11820	11460	11090	10800
28	---	---	---	---	---	12160	12100	12070	11810	11450	11080	10780
29	---	---	---	---	---	12150	12070	12070	11810	11430	11070	10770
30	---	---	---	---	---	12130	12040	12410	11790	11420	11060	10760
31	---	---	---	---	---	12110	---	12330	---	11400	11040	---
MAX	---	---	---	---	---	---	12130	12410	12230	11780	11380	11030
MIN	---	---	---	---	---	---	11910	11820	11790	11400	11040	10760
(+)						1009.89	1009.71	1010.40	1009.13	1008.19	1007.26	1006.50
(@)							-70	+290	-540	-390	-360	-280

WTR YR 1999 MAX 13400 MIN 10250

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08042820 LOST CREEK RESERVOIR NEAR JACKSBORO, TX--Continued



08042820 LOST CREEK RESERVOIR NEAR JACKSBORO, TX--Continued

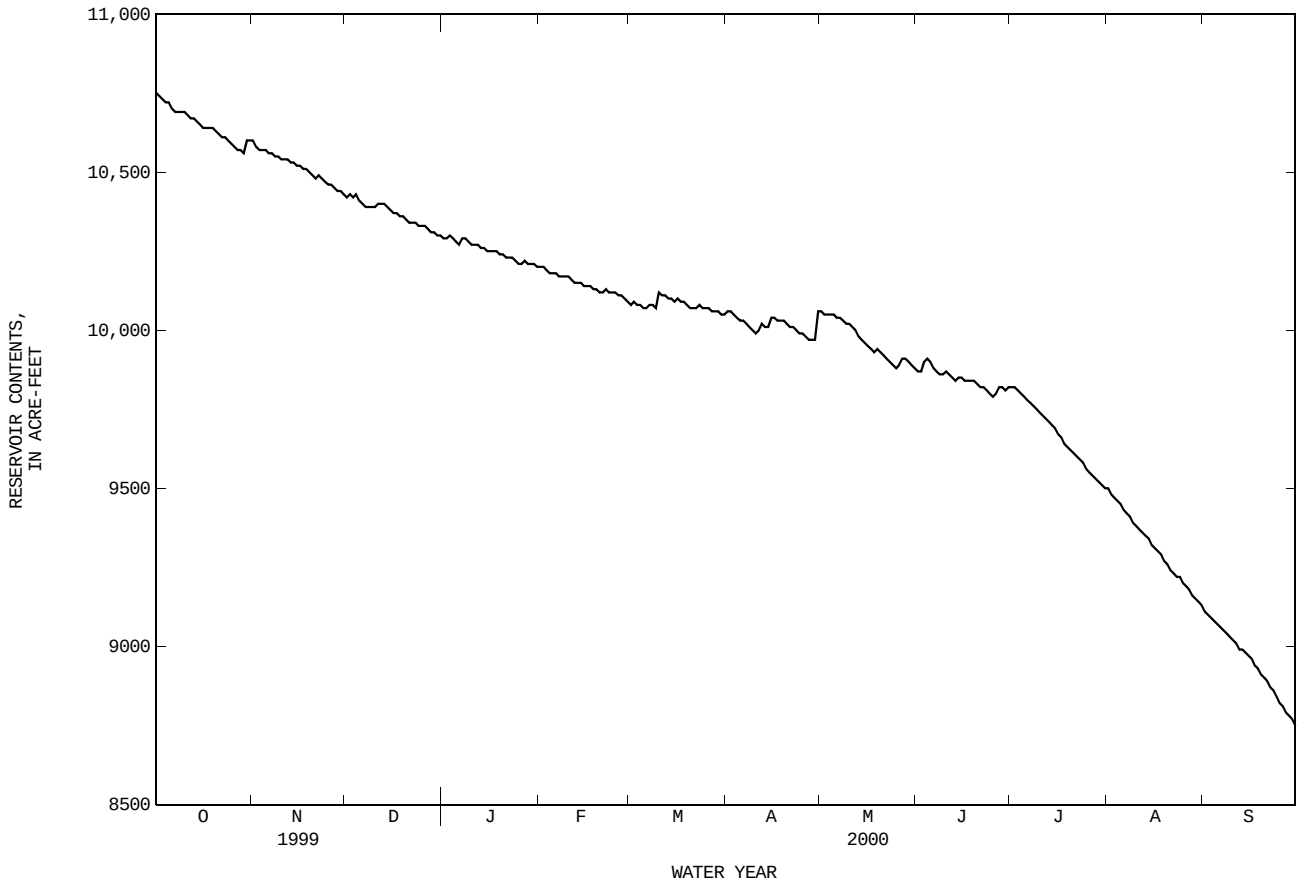
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10750	10600	10420	10290	10200	10080	10060	10060	9870	9820	9500	9110
2	10740	10580	10430	10290	10200	10090	10060	10050	9870	9820	9480	9100
3	10730	10570	10420	10300	10190	10080	10050	10050	9900	9810	9470	9090
4	10720	10570	10430	10290	10180	10080	10040	10050	9910	9800	9460	9080
5	10720	10570	10410	10280	10180	10070	10030	10050	9900	9790	9450	9070
6	10700	10560	10400	10270	10180	10070	10030	10040	9880	9780	9430	9060
7	10690	10560	10390	10290	10170	10080	10020	10040	9870	9770	9420	9050
8	10690	10550	10390	10290	10170	10080	10010	10030	9860	9760	9410	9040
9	10690	10550	10390	10280	10170	10070	10000	10020	9860	9750	9390	9030
10	10690	10540	10390	10270	10170	10120	9990	10020	9870	9740	9380	9020
11	10680	10540	10400	10270	10160	10110	10000	10010	9860	9730	9370	9010
12	10670	10540	10400	10270	10150	10110	10020	10000	9850	9720	9360	8990
13	10670	10530	10400	10260	10150	10100	10010	9980	9840	9710	9350	8990
14	10660	10530	10390	10260	10150	10100	10010	9970	9850	9700	9340	8980
15	10650	10520	10380	10250	10140	10090	10040	9960	9850	9690	9320	8970
16	10640	10520	10370	10250	10140	10100	10040	9950	9840	9670	9310	8960
17	10640	10510	10370	10250	10140	10090	10030	9940	9840	9660	9300	8940
18	10640	10510	10360	10250	10130	10090	10030	9930	9840	9640	9290	8930
19	10640	10500	10360	10240	10130	10080	10030	9940	9840	9630	9270	8910
20	10630	10490	10350	10240	10120	10070	10020	9930	9830	9620	9260	8900
21	10620	10480	10340	10230	10120	10070	10010	9920	9820	9610	9240	8890
22	10610	10490	10340	10230	10130	10070	10010	9910	9820	9600	9230	8870
23	10610	10480	10340	10230	10120	10080	10000	9900	9810	9590	9220	8860
24	10600	10470	10330	10220	10120	10070	9990	9890	9800	9580	9220	8840
25	10590	10460	10330	10210	10120	10070	9990	9880	9790	9560	9200	8820
26	10580	10460	10330	10210	10110	10070	9980	9890	9800	9550	9190	8810
27	10570	10450	10320	10220	10110	10060	9970	9910	9820	9540	9180	8790
28	10570	10440	10310	10210	10100	10060	9970	9910	9820	9530	9160	8780
29	10560	10440	10310	10210	10090	10060	9970	9900	9810	9520	9150	8770
30	10600	10430	10300	10210	---	10050	10060	9890	9820	9510	9140	8750
31	10600	---	10300	10200	---	10050	---	9880	---	9500	9130	---
MAX	10750	10600	10430	10300	10200	10120	10060	10060	9910	9820	9500	9110
MIN	10560	10430	10300	10200	10090	10050	9970	9880	9790	9500	9130	8750
(+)	1006.08	1005.62	1005.27	1005.01	1004.71	1004.59	1004.63	1004.14	1003.99	1003.03	1001.89	1000.76
(@)	-160	-170	-130	-100	-110	-40	+10	-180	-60	-320	-370	-380

WTR YR 2000 MAX 10750 MIN 8750 (@) -2010

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08042820 LOST CREEK RESERVOIR NEAR JACKSBORO, TX--Continued



08043000 BRIDGEPORT RESERVOIR ABOVE BRIDGEPORT, TX

LOCATION.--Lat 33°13'22", long 97°49'54", Wise County, Hydrologic Unit 12030101, in brick valve house on upstream side and near left end of Bridgeport Dam on West Fork Trinity River, 4.6 mi west of Bridgeport, 13.0 mi upstream from Big Sandy Creek and at mile 626.

DRAINAGE AREA.--1,111 mi^2.

PERIOD OF RECORD.--Apr 1932 to current year. Prior to Oct 1950, end of month values only.
Water-quality records.--Chemical data: Oct 1969 to Sep 1984.

REVISED RECORDS.--WSP 1922: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to Jan 12, 1988, nonrecording gages at various sites in vicinity of present gage at present datum. Satellite telemeter at station.

REMARKS.--No estimated daily contents. Records good. The reservoir is formed by a rolled earthfill dam 2,040 ft long. The dam was completed in Dec 1931 and storage began Apr 1, 1932. The original dam was 1,900 ft long, but was lengthened to 2,040 ft in 1971-72. The original service spillway was eliminated during construction (1971-72),and a new spillway with approach and discharge channels was built through natural ground 2,800 ft from the left end of dam. The new spillway is 90 ft wide and has eight vertical lift gates that are 11.25 x 22-ft. The controlled outlet works consist of a 48-inch diameter and an 18-inch diameter pipe encased in a concrete conduit extending through the dam. In addition, a controlled 60-inch diameter steel pipe extends through the service spillway wall to the spillway discharge basin. For elevations of outlet works, see table below. Capacity tables are based on surveys made in 1956 and 1968. Conservation pool storage is 386,420 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	874.0
Crest of spillway	866.0
Top of gates	842.0
Top of conservation pool	836.9
Sill of gates	820.0
Lowest value outlet (invert)	751.4

COOPERATION.--Capacity table No. 5-C dated Oct 1, 1988 was provided by Tarrant Regional Water District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 491,700 acre-ft, May 5, 1990, elevation, 844.36 ft; minimum contents observed since first appreciable storage in 1935, 7,170 acre-ft, Oct 12-16, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 257,600 acre-ft, Oct 1, elevation, 825.86 ft; minimum contents, 176,800 acre-ft, Sep 30, elevation, 817.01 ft.

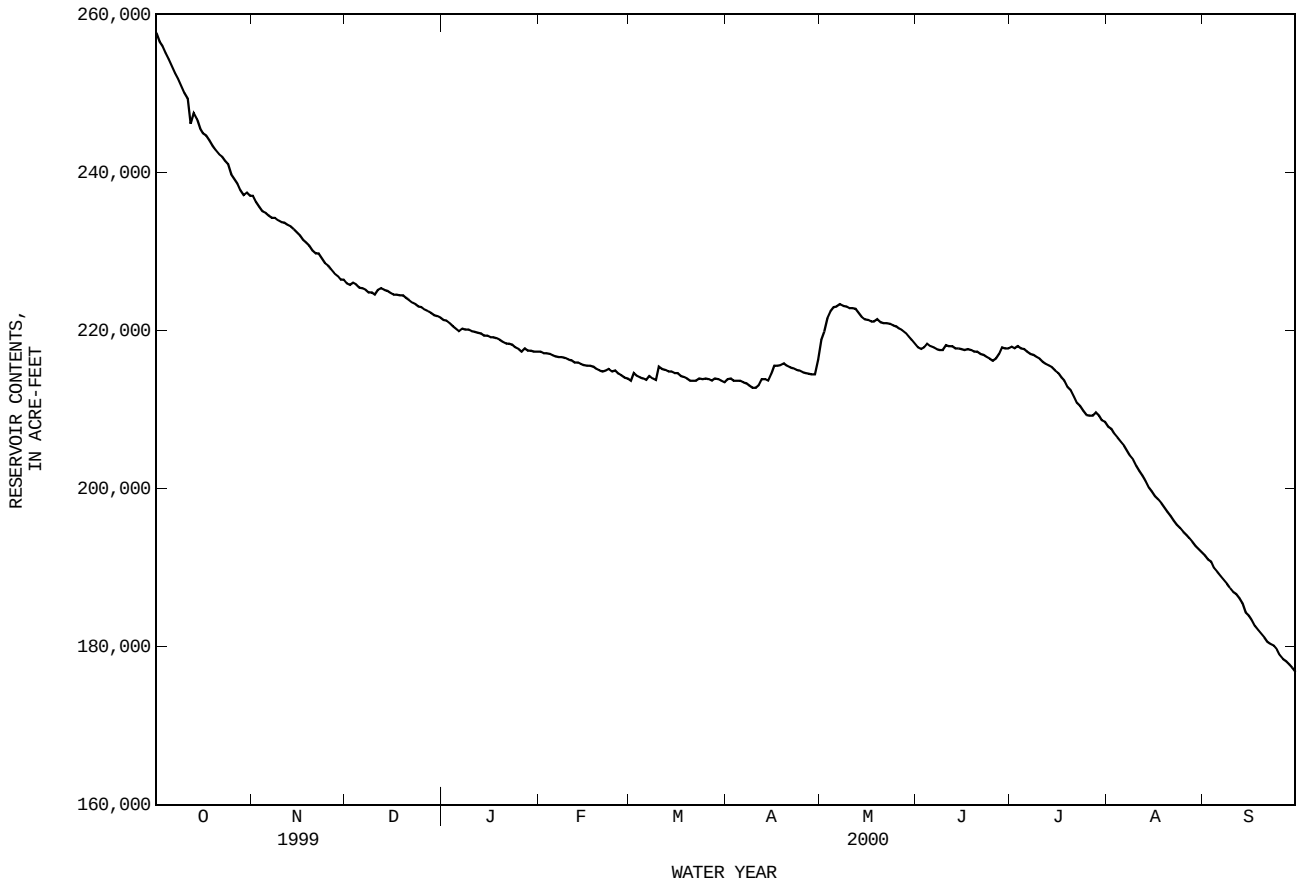
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	257600	237000	225900	221300	217300	213600	213800	218800	217800	217900	207800	191500
2	256500	236200	225700	221200	217100	214600	213900	219800	217600	217700	207500	191000
3	255900	235600	226000	220900	217100	214200	213600	221500	217800	218000	206900	190700
4	255100	235000	225800	220500	217000	214000	213600	222400	218300	217700	206400	189900
5	254300	234800	225400	220200	216800	213900	213600	222900	218000	217600	205900	189400
6	253400	234500	225300	219900	216700	213700	213400	223000	217800	217300	205400	188900
7	252500	234200	225100	220200	216600	214200	213300	223300	217600	217000	204800	188400
8	251800	234200	224800	220100	216600	213900	213000	223100	217500	216900	204100	187900
9	250900	233900	224800	220100	216500	213700	212700	223000	217500	216600	203600	187400
10	250000	233700	224500	219900	216300	215400	212700	222800	218100	216400	202800	186900
11	249300	233600	225100	219800	216200	215100	213100	222800	218000	216000	202200	186600
12	246100	233300	225300	219700	215900	215000	213800	222700	218000	215700	201600	186100
13	247500	233100	225100	219600	215900	214800	213800	222200	217700	215500	200900	185500
14	246700	232800	225000	219300	215700	214800	213600	221700	217700	215300	200100	184300
15	245500	232400	224700	219300	215600	214600	214500	221400	217600	214900	199600	183900
16	244900	232000	224500	219100	215500	214600	215500	221300	217500	214600	199000	183300
17	244600	231400	224500	219100	215500	214200	215500	221100	217600	214000	198600	182600
18	244000	231100	224400	219000	215400	214100	215600	221100	217500	213600	198100	182100
19	243300	230700	224400	218800	215100	213900	215800	221400	217300	212800	197600	181600
20	242800	230100	224100	218500	214900	213600	215500	221000	217300	212400	197000	181100
21	242300	229700	223800	218300	214800	213600	215300	220900	217000	211600	196500	180600
22	242000	229700	223500	218300	214900	213600	215200	220900	216900	210800	195900	180300
23	241400	229100	223300	218200	215100	213900	215000	220800	216600	210400	195400	180100
24	241000	228500	223000	217800	214800	213800	214900	220600	216400	209800	195000	179600
25	239700	228200	222900	217600	214900	213900	214700	220500	216100	209300	194500	178900
26	239100	227700	222600	217300	214500	213800	214600	220200	216400	209200	194100	178400
27	238500	227200	222400	217700	214300	213600	214500	220000	217000	209200	193700	178100
28	237700	226900	222200	217400	214000	213900	214400	219700	217800	209600	193200	177700
29	237100	226400	221900	217400	213900	213800	214400	219200	217700	209200	192700	177300
30	237400	226400	221800	217300	---	213600	216300	218800	217700	208600	192300	176800
31	237000	---	221600	217300	---	213400	---	218300	---	208400	191900	---
MAX	257600	237000	226000	221300	217300	215400	216300	223300	218300	218000	207800	191500
MIN	237000	226400	221600	217300	213900	213400	212700	218300	216100	208400	191900	176800
(+)	823.79	822.67	822.16	821.69	821.32	821.26	821.58	821.80	821.74	820.70	818.81	817.01
(@)	-21800	-10600	-4800	-4300	-3400	-500	+2900	+2000	-600	-9300	-16500	-15100

CAL YR 1999 MAX 319200 MIN 221600 (@) -69000
WTR YR 2000 MAX 257600 MIN 176800 (@) -82000

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08043000 BRIDGEPORT RESERVOIR ABOVE BRIDGEPORT, TX--Continued



08043700 LAKE AMON G. CARTER NEAR BOWIE, TX

LOCATION.--Lat 33°28'08", long 97°51'56", Montague County, Hydrologic Unit 12030101, on Big Sandy Creek, in pumping station 7.1 mi south of Bowie.

DRAINAGE AREA.--100.0 mi^2.

PERIOD OF RECORD.--Mar 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite telemeter at station with voice modem.

REMARKS.--No estimated daily contents. Records good. In 1954 the original lake was formed by an earthfill dam 2,000 ft across Big Sandy Creek for the city of Bowie. In 1985 a new reservoir dam was completed 2.0 mi below the old dam. The old and new portions of the reservoir are connected by a corrugated metal pipe arch culvert (boat pass breach) with an invert elevation of 908 ft mean sea level. The reservoirs are also connected by a 12-inch siphon pipe through the old dam. Both reservoirs employ the emergency spillway on the old reservoir to pass flood water above elevation of 927.0 ft. The principal spillway tower has a 24 ft uncontrolled weir at elevation 920.0 ft mean sea level. Conservation pool storage is 20,050 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Pipe arch culvert (boat pass breach).....	908.0
Normal pool & uncontrolled weir.....	920.0
Crest of spillway.....	927.0
Top of new dam.....	945.0

COOPERATION.--This gage is operated in cooperation with Tarrant Regional Water District (TRWD). Capacity table dated Mar 3, 1999 was provided by the Texas Water Development Board.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 24,200 acre-ft, May 27, 28, 30 1999, elevation, 917.41 ft; minimum contents, 14,330 acre-ft, Sept. 30, 2000, elevation, 910.30 ft.

EXTREMES FOR WATER YEAR 1999.--Maximum contents, 24,200 acre-ft, May 27, 28, 30, elevation, 917.41 ft; minimum contents, 19,810 acre-ft, Sep 30, elevation, 914.75 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 19,810 acre-ft, Oct 1, elevation, 914.75 ft; minimum contents, 14,330 acre-ft, Sep 30, elevation, 910.30 ft.

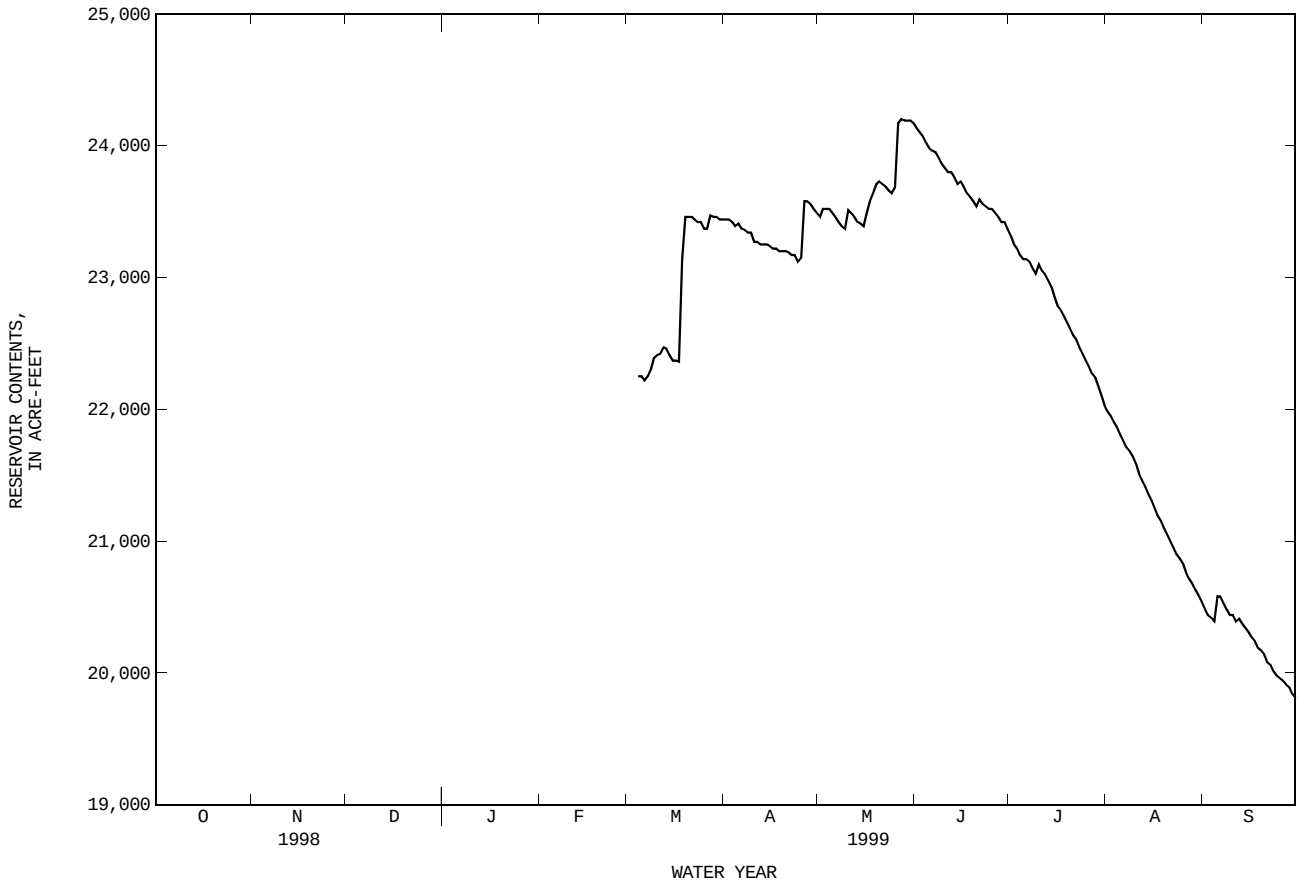
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	23440	23460	24130	23320	21980	20490
2	---	---	---	---	---	---	23440	23520	24100	23250	21950	20440
3	---	---	---	---	---	---	23420	23520	24070	23220	21900	20420
4	---	---	---	---	---	22250	23390	23520	24020	23170	21860	20390
5	---	---	---	---	---	22250	23410	23490	23980	23140	21810	20580
6	---	---	---	---	---	22220	23370	23460	23960	23140	21760	20580
7	---	---	---	---	---	22250	23360	23420	23950	23120	21710	20530
8	---	---	---	---	---	22300	23340	23390	23910	23070	21680	20480
9	---	---	---	---	---	22390	23340	23370	23860	23030	21640	20440
10	---	---	---	---	---	22410	23270	23510	23830	23100	21590	20440
11	---	---	---	---	---	22420	23270	23490	23800	23050	21510	20390
12	---	---	---	---	---	22470	23250	23460	23800	23020	21460	20410
13	---	---	---	---	---	22460	23250	23420	23760	22980	21410	20370
14	---	---	---	---	---	22410	23250	23410	23710	22930	21360	20340
15	---	---	---	---	---	22370	23240	23390	23730	22850	21310	20310
16	---	---	---	---	---	22370	23220	23490	23690	22780	21250	20270
17	---	---	---	---	---	22360	23220	23580	23640	22750	21190	20240
18	---	---	---	---	---	23140	23200	23640	23610	22710	21150	20190
19	---	---	---	---	---	23460	23200	23710	23580	22660	21100	20170
20	---	---	---	---	---	23460	23200	23730	23540	22610	21050	20140
21	---	---	---	---	---	23460	23190	23710	23590	22560	21000	20080
22	---	---	---	---	---	23440	23170	23690	23560	22530	20950	20060
23	---	---	---	---	---	23420	23170	23660	23540	22470	20900	20010
24	---	---	---	---	---	23420	23120	23640	23520	22420	20870	19980
25	---	---	---	---	---	23370	23150	23680	23520	22370	20830	19960
26	---	---	---	---	---	23370	23580	24170	23490	22320	20760	19940
27	---	---	---	---	---	23470	23580	24200	23460	22270	20710	19910
28	---	---	---	---	---	23460	23560	24190	23420	22240	20680	19890
29	---	---	---	---	---	23460	23520	24190	23420	22170	20630	19840
30	---	---	---	---	---	23440	23490	24190	23370	22100	20590	19810
31	---	---	---	---	---	23440	---	24170	---	22030	20540	---
MAX	---	---	---	---	---	---	23580	24200	24130	23320	21980	20580
MIN	---	---	---	---	---	---	23120	23370	23370	22030	20540	19810
(+)						916.96	916.99	917.39	916.92	916.13	915.25	914.75
(@)							+50	+680	-800	-1340	-1490	-730

WTR YR 1999 MAX 24200 MIN 19810

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08043700 LAKE AMON G. CARTER NEAR BOWIE, TX--Continued



08043700 LAKE AMON G. CARTER NEAR BOWIE, TX--Continued

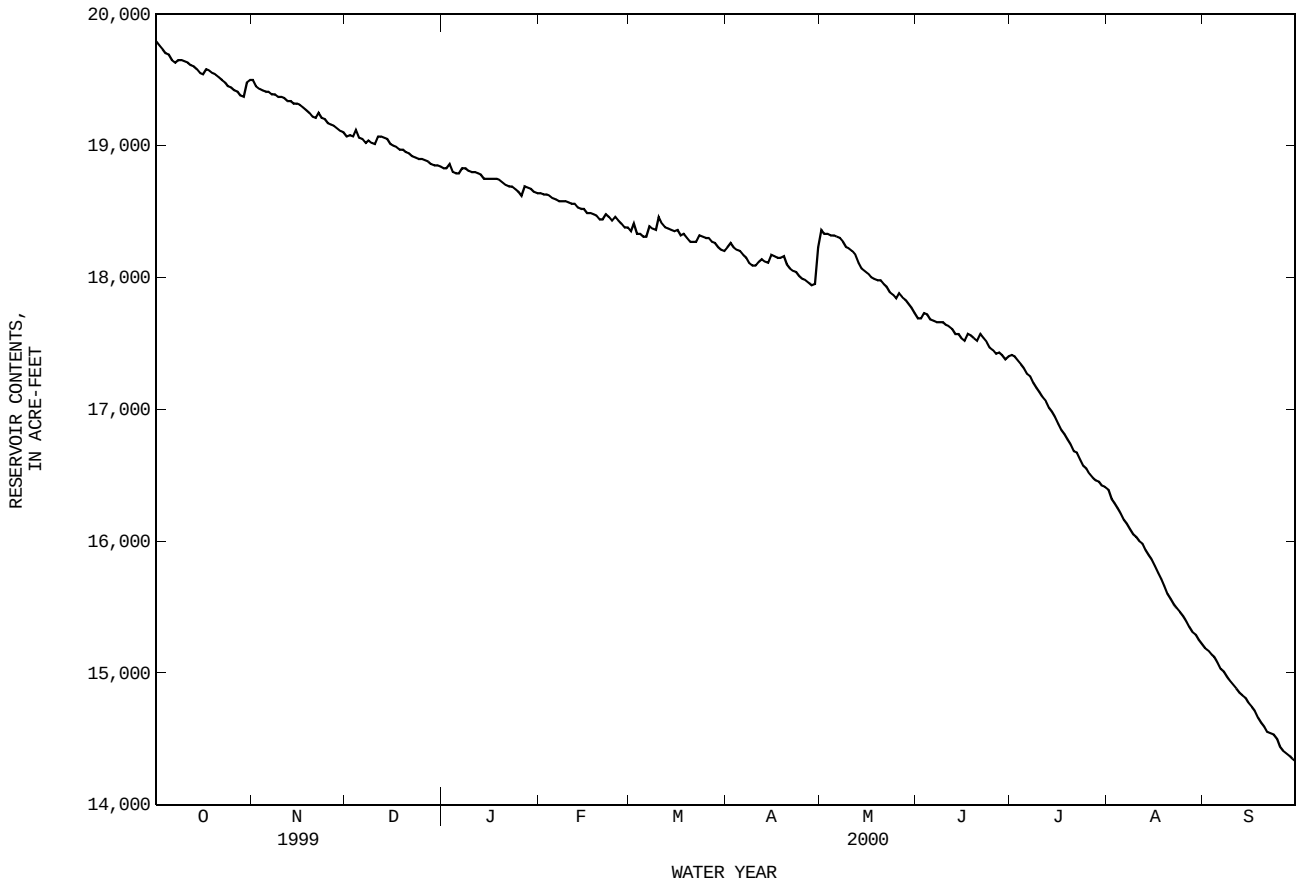
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19790	19500	19070	18830	18640	18350	18230	18360	17690	17410	16390	15190
2	19760	19450	19080	18830	18630	18410	18260	18330	17690	17400	16320	15170
3	19730	19430	19070	18860	18630	18330	18230	18330	17730	17370	16290	15140
4	19700	19420	19120	18800	18620	18330	18210	18320	17720	17340	16250	15120
5	19690	19410	19060	18790	18600	18310	18200	18320	17680	17310	16210	15080
6	19650	19410	19050	18790	18590	18310	18170	18310	17670	17270	16160	15030
7	19630	19390	19020	18830	18580	18390	18150	18300	17660	17250	16130	15010
8	19650	19390	19040	18830	18580	18370	18110	18270	17660	17200	16090	14970
9	19650	19370	19020	18810	18580	18360	18090	18230	17660	17160	16050	14940
10	19640	19370	19010	18800	18570	18460	18090	18220	17640	17130	16030	14910
11	19630	19360	19070	18800	18560	18410	18120	18200	17630	17090	16000	14880
12	19610	19340	19070	18790	18560	18380	18140	18170	17610	17060	15980	14850
13	19600	19340	19060	18780	18530	18370	18120	18110	17570	17010	15930	14830
14	19580	19320	19050	18750	18520	18360	18110	18070	17570	16980	15890	14810
15	19550	19320	19010	18750	18520	18350	18170	18050	17540	16940	15860	14770
16	19540	19310	19000	18750	18490	18360	18160	18030	17520	16890	15810	14740
17	19580	19290	18990	18750	18490	18320	18150	18000	17570	16840	15760	14710
18	19570	19270	18970	18750	18480	18330	18150	17990	17560	16810	15710	14660
19	19550	19250	18970	18740	18470	18300	18160	17980	17540	16770	15660	14620
20	19540	19220	18950	18720	18440	18270	18100	17980	17520	16730	15600	14590
21	19520	19210	18940	18700	18440	18270	18070	17950	17570	16680	15560	14550
22	19500	19250	18920	18690	18480	18270	18050	17930	17540	16670	15520	14540
23	19480	19210	18910	18690	18460	18320	18040	17890	17510	16620	15490	14530
24	19450	19200	18900	18670	18430	18310	18010	17870	17470	16570	15460	14500
25	19440	19170	18900	18650	18460	18300	17990	17840	17450	16550	15430	14440
26	19420	19160	18890	18620	18430	18300	17980	17880	17420	16510	15390	14410
27	19410	19150	18880	18690	18410	18270	17960	17850	17430	16480	15350	14390
28	19380	19130	18860	18680	18380	18260	17940	17830	17410	16460	15310	14370
29	19370	19110	18850	18670	18380	18230	17950	17800	17380	16450	15290	14350
30	19480	19100	18850	18650	---	18210	18230	17770	17400	16420	15250	14330
31	19500	---	18840	18640	---	18200	---	17730	---	16410	15220	---
MAX	19790	19500	19120	18860	18640	18460	18260	18360	17730	17410	16390	15190
MIN	19370	19100	18840	18620	18380	18200	17940	17730	17380	16410	15220	14330
(+)	914.50	914.17	913.96	913.80	913.59	913.44	913.47	913.06	912.79	911.99	911.02	910.30
(@)	-310	-400	-260	-200	-260	-180	+30	-500	-330	-990	-1190	-890

WTR YR 2000 MAX 19790 MIN 14330 (@) -5480

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08043700 LAKE AMON G. CARTER NEAR BOWIE, TX--Continued



08043900 LYNDON B. JOHNSON NATIONAL GRASSLANDS NEAR ALVORD, TX
(National Atmospheric Deposition Program)

PRECIPITATION WATER-QUALITY RECORDS

LOCATION.--Lat 33°23'33", long 97°38'23", Wise County, Hydrologic Unit 12030101, at State Highway 11, 6 mi northeast of Alvord, TX and 11 mi north of Decatur, TX.

OWNER.--U.S. Geological Survey.

PERIOD OF RECORD.--Jul 1984 to current year.

INSTRUMENTATION.--Wet/dry precipitation collector, weighing bucket type rain gage and event recorder, and a National Weather Service 8-in rain gage as backup.

EXTREMES FOR CURRENT YEAR.--Maximum field pH, 5.9, Apr 11-18; minimum field pH, 4.5, Jan 25-Feb 2.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG-NESIUM ATM DEP WET DIS (MG/L) (83002)	POTAS-SIUM ATM DEP WET DIS (MG/L) (83120)	SODIUM ATM DEP WET DIS (MG/L) (83138)	NI-TROGEN AMMON. ATM DEP WET DIS AS N (MG/L) (83044)	NI-TROGEN NITRATE ATM DEP WET DIS AS N (MG/L) (83068)	CHLO-RIDE ATM DEP WET DIS (MG/L) (82944)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	PHOS-PHORUS ORTHO ATM DEP WET DIS AS P (MG/L) (83108)
OCT 26-NOV 02	0835	7	5.7	.424	.022	.020	.072	.109	.15	.10	.73	.001
NOV 30-DEC 07	0815	24	6.9	2.52	.114	.101	.518	.358	.29	.76	2.27	.001
DEC 07-14	0820	12	6.1	1.01	.043	.051	.173	.270	.23	.28	1.36	.001
JAN 25-FEB 02	0925	28	4.5	.701	.036	.085	.138	.295	.41	.20	2.82	<.003
FEB 16-22	0800	30	--	1.74	.257	.215	1.45	.692	.74	2.28	4.01	.001
FEB 22-29	0840	19	6.6	1.55	.138	.176	.462	.381	.36	.70	2.25	.001
FEB 29-MAR 07	0825	12	5.8	.529	.046	.106	.277	.023	.20	.36	1.60	.001
MAR 07-14	0825	17	6.7	1.63	.089	.152	.347	.295	.24	.43	1.79	.001
MAR 14-21	0735	29	--	1.20	.051	.050	.112	1.03	1.15	.16	3.28	.001
MAR 28-APR 04	0825	18	--	1.92	.110	.192	.171	.544	.43	.16	2.38	.001
APR 11-18	0850	11	5.9	.698	.042	.057	.122	.311	.25	.16	1.10	.001
APR 25-MAY 02	0845	22	6.1	.708	.061	.113	.291	.637	.44	.38	2.06	.001
MAY 02-09	0730	19	6.6	.815	.087	.285	.325	.567	.63	.44	2.12	.001
MAY 16-23	0725	8	5.5	.281	.029	.107	.050	.085	.14	.09	.38	.001
MAY 23-30	1420	12	5.8	.615	.133	1.00	.545	1.55	.28	.83	2.00	.158
MAY 30-JUN 06	1205	7	5.1	.256	.015	.031	.078	.178	.25	.13	.57	.001
JUN 06-13	0800	7	5.0	.081	.016	.009	.102	.046	.11	.16	.38	.001
JUN 13-21	0905	21	6.5	.679	.067	.247	.478	.521	.19	.84	.84	.029
JUN 22-27	0830	21	--	2.22	.115	.540	.529	.070	.91	.82	1.75	.071
JUN 27-JUL 05	0705	22	6.8	.889	.091	.287	.340	.964	.46	.60	1.37	.073
JUL 11-18	0905	25	7.1	2.49	.080	.096	.279	.669	.50	.38	1.13	.001
JUL 18-25	0835	24	6.3	2.05	.110	.098	.326	.606	.94	.56	2.26	.001
SEP 05-12	0815	15	6.3	1.26	.041	.141	.116	.373	.38	.26	2.13	.001
SEP 19-26	0923	30	5.4	1.85	.145	.065	.852	.228	.68	1.24	3.92	.001

08043900 LYNDON B. JOHNSON NATIONAL GRASSLANDS NEAR ALVORD, TX--Continued
(National Atmospheric Deposition Program)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CALCIUM ATM DEP WET DIS (MG/M2) (82933)	MAG-NESIUM ATM DEP WET DIS (MG/M2) (83003)	POTAS-SIUM ATM DEP WET DIS (MG/M2) (83121)	SODIUM ATM DEP WET DIS (MG/M2) (83139)	NI-TROGEN AMMON. ATM DEP WET DIS AS N (MG/M2) (83045)	NI-TROGEN NITRATE ATM DEP WET DIS AS N (MG/M2) (83069)	CHLO-RIDE ATM DEP WET DIS (MG/M2) (82945)	SULFATE ATM DEP WET DIS AS SO4 (MG/M2) (83161)	PHOS-PHORUS ORTHO ATM DEP WET DIS AS P (MG/M2) (83109)	HY-DROGEN ION ATM DEP WET DIS (MG/M2) (82975)	VOLUME ATM DEP WET (L) (83177)
OCT 26-NOV 02	13.3	.7	.6	2.3	3.41	4.7	3.1	22.9	M	.1	2.130
NOV 30-DEC 07	63.8	2.9	2.6	13.1	9.06	7.2	19.2	57.5	M	.0	1.719
DEC 07-14	34.9	1.5	1.8	6.0	7.27	7.9	9.7	46.9	M	M	2.348
JAN 25-FEB 02	11.2	.6	1.4	2.2	4.68	6.6	3.2	45.3	M	.4	1.896
FEB 16-22	.9	.1	.1	.8	.362	.4	1.2	.0	2.1	35.6	.356
FEB 22-29	20.4	1.8	2.3	6.1	4.97	4.7	9.2	29.7	M	.0	.894
FEB 29-MAR 07	11.8	1.0	2.4	6.2	.575	4.5	8.0	35.8	M	M	1.516
MAR 07-14	70.3	3.8	6.6	15.0	12.7	10.4	18.5	77.2	M	M	2.926
MAR 14-21	3.0	.1	.1	.3	2.61	2.9	.4	8.3	M	M	1.725
MAR 28-APR 04	6.2	.4	.6	.6	1.77	1.4	.5	7.7	M	.0	.220
APR 11-18	25.7	1.5	2.1	4.5	11.3	9.3	5.9	40.5	M	M	2.498
APR 25-MAY 02	35.8	3.1	5.7	14.7	32.5	22.2	19.1	104	.1	M	3.436
MAY 02-09	16.1	1.7	5.6	6.4	11.2	12.3	8.7	41.7	M	M	1.337
MAY 16-23	4.9	.5	1.9	.9	1.52	2.5	1.6	6.7	M	M	1.175
MAY 23-30	6.4	1.4	10.4	5.6	16.0	2.9	8.6	20.7	1.6	.0	.703
MAY 30-JUN 06	5.6	.3	.7	1.7	3.93	5.5	2.9	12.3	M	.1	1.470
JUN 06-13	2.5	.5	.3	3.1	1.52	3.3	4.9	11.6	M	.2	2.050
JUN 13-21	17.2	1.7	6.3	12.1	13.2	4.8	21.3	21.3	.8	M	1.720
JUN 22-27	1.7	.1	.4	.4	.054	.7	.6	1.4	.2	--	.050
JUN 27-JUL 05	12.0	1.2	3.9	4.6	13.1	6.2	8.1	18.5	1.0	.0	.919
JUL 11-18	29.4	.9	1.1	3.3	7.87	5.9	4.5	13.3	M	.0	8.000
JUL 18-25	5.5	.3	.3	.9	1.64	2.7	1.5	6.1	M	.0	1.830
SEP 05-12	6.7	.2	.8	.6	2.00	2.0	1.4	11.4	M	.0	.362
SEP 19-26	3.1	.2	.1	1.4	.918	1.1	2.1	M	.0	.0	.114

08043950 BIG SANDY CREEK NEAR CHICO, TX

LOCATION.--Lat 33°16'27", long 97°40'42", Wise County, Hydrologic Unit 12030101, at left downstream side of bridge on Farm Road 1810, 4.5 mi upstream from Greathouse Branch, 6.0 mi east of Chico, and 6.5 mi upstream from mouth.

DRAINAGE AREA.--312 mi^2.

PERIOD OF RECORD.--Oct 1936 to current year. Prior to 1996 water year, published as "near Bridgeport" (station 08044000).
Water-quality records.--Chemical data: Apr 1993 to Sep 1995. Biochemical data: Apr 1993 to Sep 1995. Sediment data: Apr 1993 to Sep 1995.

REVISED RECORDS.--WSP 1148: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 728.88 ft above sea level. Prior to May 24, 1996, at datum of 724.44 ft, prior to Oct 1, 1984, at datum 3.00 ft higher. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good except those for daily discharges below 1 ft^3/s, which are fair. Since May 1, 1956, runoff from 100 mi^2 above this station is affected at times by storage in Lake Amon G. Carter (station 08043700, conservation pool storage 20,050 acre-ft), 30 mi upstream. During the year, the city of Bowie diverted water from Lake Amon G. Carter for municipal use and discharged wastewater effluent into tributaries to Big Sandy Creek upstream from this station. Flow was also affected at times by discharge from the flood-detention pools of 19 floodwater-retarding structures with a combined capacity of 11,430 acre-ft. These structures control runoff from a 46.0 mi^2 area upstream from this station and below Lake Amon G. Carter. No known diversions. No flow at times.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--20 years (water years 1936-55), 85.6 ft^3/s (62,030 acre-ft/yr) at site and datum then in use.

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS 1936-55).--Maximum discharge, 53,000 ft^3/s Jun 10, 1941, gage height, 15.69 ft, at site and datum then in use; no flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stages since at least 1887 occurred in 1908 and 1915 and reached about the same stage as that of Jun 10, 1941, at site and datum then in use.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.18	.01	.11	81	.00	.00	.00	.00
2	.00	.00	.00	.00	.13	1.8	.04	23	.00	.00	.00	.00
3	.00	.00	.00	.00	.08	.79	.18	4.3	.00	.00	.00	.00
4	.00	.00	.00	.00	.03	.57	.18	1.2	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.27	.21	.55	.00	.00	.00	.00
6	.00	.00	.03	.00	.01	.24	.18	.40	.00	.00	.00	.00
7	.00	.00	.00	.08	.14	.24	.10	.32	.00	.00	.00	.00
8	.00	.00	.00	.45	.10	.42	.00	.24	.00	.00	.00	.00
9	.00	.00	.00	.30	.06	.19	.00	.19	.00	.00	.00	.00
10	.00	.00	.00	.14	.15	13	.00	.15	.07	.00	.00	.00
11	.00	.00	.00	.07	.12	2.7	.00	.14	.00	.00	.00	.00
12	.00	.00	.07	.05	.14	.32	.14	.11	.00	.00	.00	.00
13	.00	.00	.00	.07	.17	.24	.32	.00	.00	.00	.00	.00
14	.00	.00	.00	.01	.22	.20	.18	.00	.00	.00	.00	.00
15	.00	.00	.00	.03	.22	.20	.05	.00	.00	.00	.00	.00
16	.00	.00	.00	.13	.20	.20	.73	.00	.00	.00	.00	.00
17	.00	.00	.00	.12	.22	.20	.50	.00	.00	.00	.00	.00
18	.00	.00	.00	.07	.24	.24	.19	.00	.00	.00	.00	.00
19	.00	.00	.00	.03	.03	.31	.08	.03	.00	.00	.00	.00
20	.00	.00	.00	.01	.01	.32	.00	.02	.00	.00	.00	.00
21	.00	.00	.00	.02	.07	.27	.00	.16	.00	.00	.00	.00
22	.00	.00	.00	.11	.24	.29	.00	.13	.00	.00	.00	.00
23	.00	.00	.00	.09	.40	.34	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.06	.17	.30	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.03	.18	.17	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.07	.01	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.24	.01	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.20	.01	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.11	.03	.00	.00	.00	.00	.00	.00	.00
30	.05	.00	.00	.13	---	.00	.13	.00	.00	.00	.00	.00
31	.00	---	.00	.23	---	.10	---	.00	---	.00	.00	---
TOTAL	0.05	0.00	0.10	2.78	3.63	23.94	3.32	111.94	0.07	0.00	0.00	0.00
MEAN	.002	.000	.003	.090	.13	.77	.11	3.61	.002	.000	.000	.000
MAX	.05	.00	.07	.45	.40	13	.73	81	.07	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.1	.00	.2	5.5	7.2	47	6.6	222	.1	.00	.00	.00

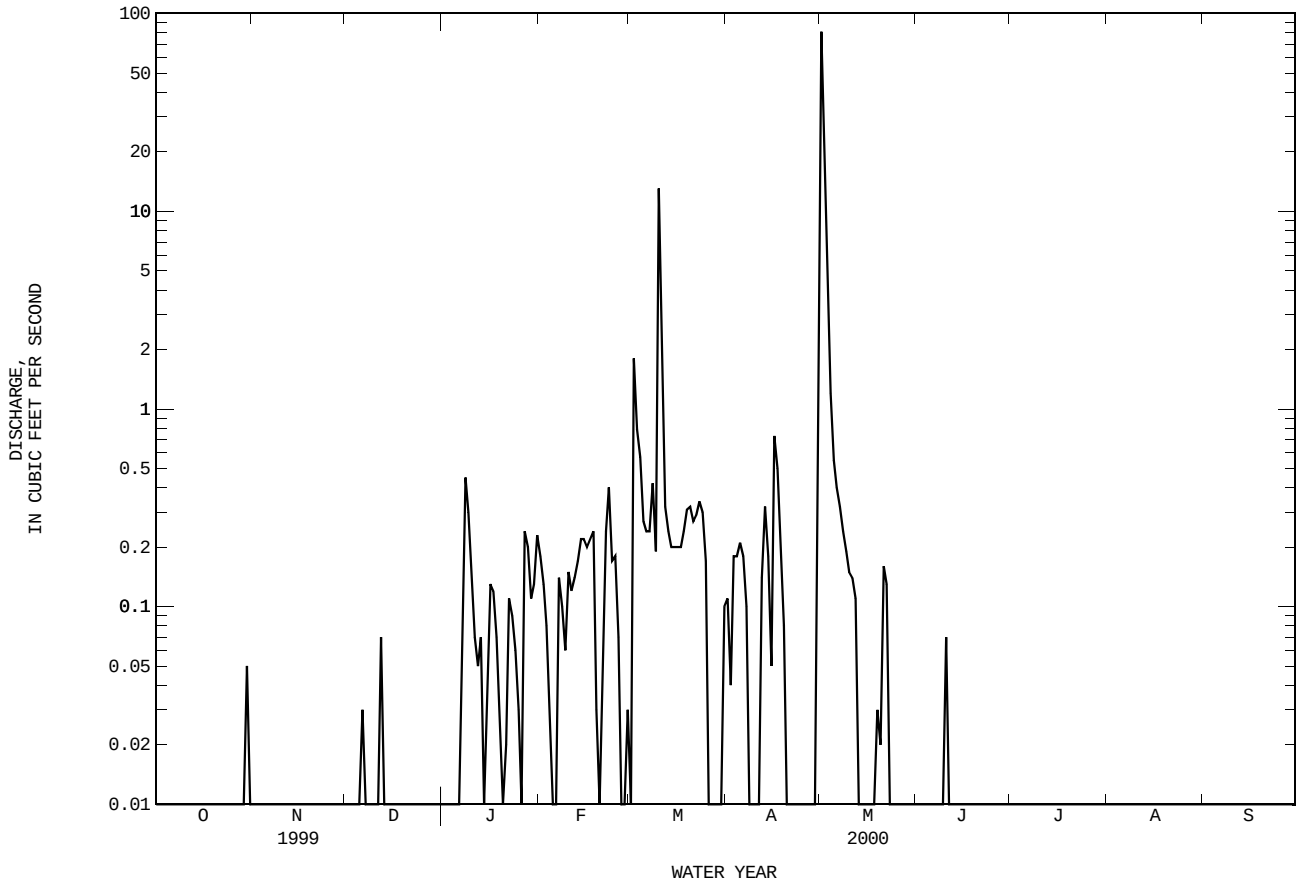
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2000z, BY WATER YEAR (WY)

MEAN	101	40.2	40.2	28.9	44.8	85.8	102	219	133	19.2	10.8	27.7
MAX	1829	298	743	257	272	570	1175	1284	1250	181	230	491
(WY)	1982	1965	1992	1992	1997	1977	1957	1990	1989	1973	1973	1962
MIN	.000	.000	.000	.000	.13	.000	.000	.002	.000	.000	.000	.000
(WY)	1959	1956	1956	1956	2000	1956	1956	1980	1956	1964	1957	1956

08043950 BIG SANDY CREEK NEAR CHICO, TX--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1956 - 2000z	
ANNUAL TOTAL	1464.64		145.83			
ANNUAL MEAN	4.01		.40		71.2	
HIGHEST ANNUAL MEAN					317	1982
LOWEST ANNUAL MEAN					.40	2000
HIGHEST DAILY MEAN	173	Mar 19	81	May 1	23800	Oct 13 1981
LOWEST DAILY MEAN	.00	Jul 3	.00	Oct 1	.00	Oct 1 1955
ANNUAL SEVEN-DAY MINIMUM	.00	Jul 3	.00	Oct 1	.00	Oct 5 1955
INSTANTANEOUS PEAK FLOW			239	May 1	g45000	Oct 13 1981
INSTANTANEOUS PEAK STAGE			4.85	May 1	g14.78	Oct 13 1981
ANNUAL RUNOFF (AC-FT)	2910		289		51600	
10 PERCENT EXCEEDS	6.5		.22		89	
50 PERCENT EXCEEDS	.09		.00		6.1	
90 PERCENT EXCEEDS	.00		.00		.00	

z Period of regulated streamflow.
g At site and datum then in use.



08044500 WEST FORK TRINITY RIVER NEAR BOYD, TX

LOCATION.--Lat 33°05'07", long 97°33'30", Wise County, Hydrologic Unit 12030101, on right bank on downstream side of highway embankment, 10 ft right of right abutment of bridge on Farm Road 730, 0.6 mi northeast of Boyd, 3.5 mi downstream from Boggy Creek and at mile 602.

DRAINAGE AREA.--1,725 mi^2.

PERIOD OF RECORD.--Jan 1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 660.57 ft above sea level. Prior to Dec 14, 1954, water-stage recorder at site 2.2 mi downstream at datum 5.48 ft lower. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since installation of gage in Jan 1947, at least 10% of contributing drainage area has been regulated by Bridgeport Reservoir (station 08043000, conservation pool storage 386,420 acre-ft) 25 mi upstream and by Lake Amon G. Carter (station 08043700, conservation pool storage 20,050 acre-ft). In addition, flow from 91.2 mi^2 above station is affected at times by discharge from the flood-detention pools of 36 floodwater-retarding structures with a total combined detention capacity of 24,450 acre-ft in the Big Sandy and Salt Creek drainage basins. No known diversions. No flow at times. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1880, about 25 ft in May 1908, present site and datum, from information by local residents, who also reported a flood of about the same gage height between 1870-80. A flood in Apr 1942 reached a stage of 20.6 ft, present site and datum, from information by Texas Department of Transportation.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

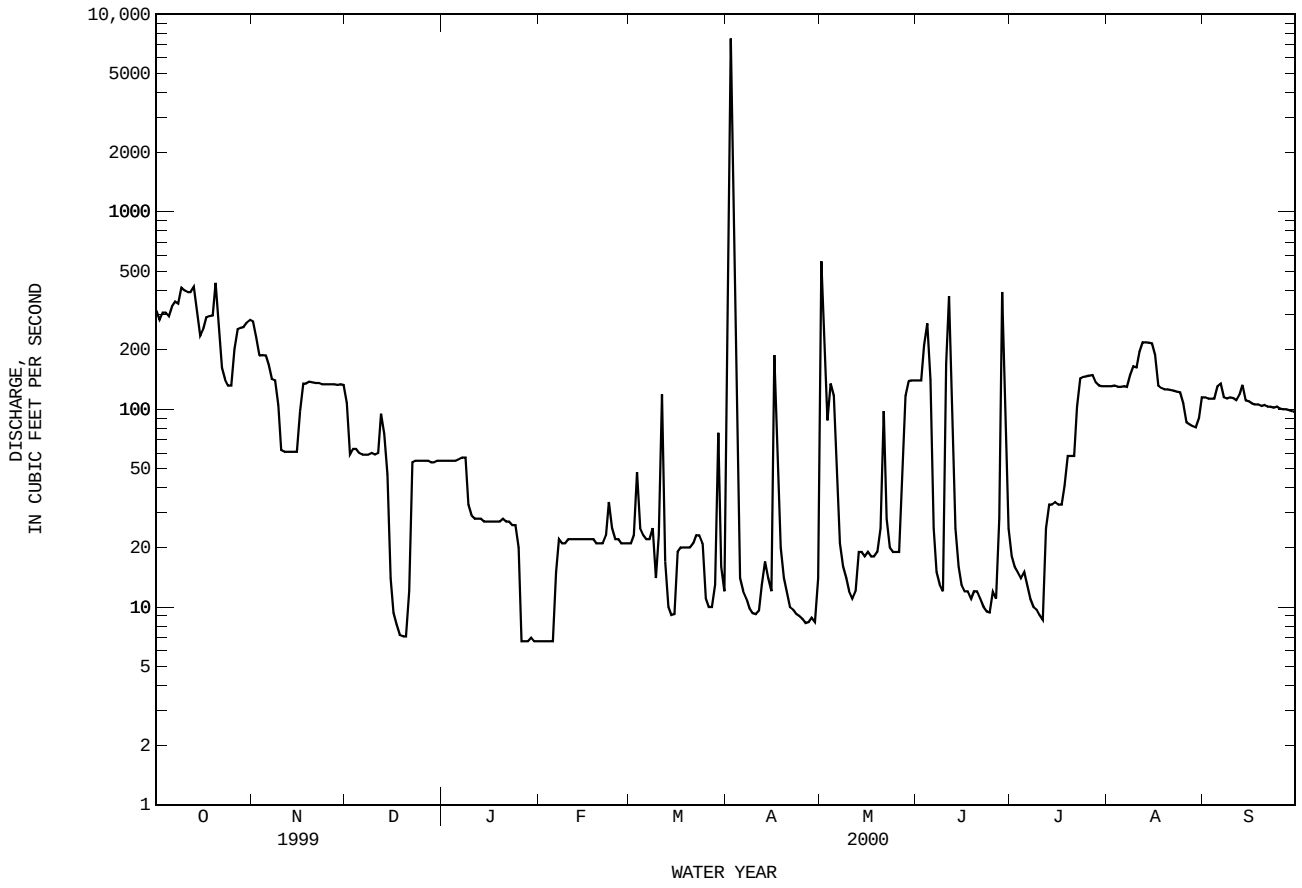
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	316	278	108	55	6.7	21	254	561	140	18	131	115
2	283	231	59	55	6.7	23	7510	214	140	16	131	113
3	308	187	63	55	6.7	48	496	88	211	15	132	113
4	308	188	63	55	6.7	25	71	135	272	14	130	113
5	295	187	60	55	6.7	23	14	117	141	15	130	131
6	331	168	59	56	15	22	12	49	25	13	131	135
7	350	142	59	57	22	22	11	21	15	11	130	115
8	343	140	59	57	21	25	9.9	16	13	10	149	113
9	413	105	60	33	21	14	9.3	14	12	9.7	165	115
10	399	62	59	29	22	23	9.2	12	170	9.1	163	114
11	392	61	60	28	22	119	9.6	11	373	8.6	195	111
12	391	61	95	28	22	17	13	12	67	25	218	119
13	415	61	75	28	22	10	17	19	25	33	218	133
14	312	61	47	27	22	9.1	14	19	16	33	217	111
15	235	61	14	27	22	9.2	12	18	13	34	216	110
16	253	98	9.3	27	22	19	188	19	12	33	188	107
17	292	135	8.1	27	22	20	62	18	12	33	132	106
18	296	135	7.2	27	22	20	20	18	11	41	128	106
19	298	138	7.1	27	21	20	14	19	12	58	126	104
20	437	137	7.1	28	21	20	12	25	12	58	126	105
21	272	136	12	27	21	21	10	98	11	58	125	103
22	162	136	54	27	23	23	9.7	28	10	103	124	103
23	141	134	55	26	34	23	9.2	20	9.5	143	123	102
24	132	134	55	26	25	21	9.0	19	9.4	146	122	103
25	132	134	55	20	22	11	8.7	19	12	147	107	101
26	202	134	55	6.7	22	10	8.3	19	11	148	86	100
27	254	134	55	6.7	21	10	8.4	52	28	149	84	100
28	258	133	54	6.7	21	13	8.8	117	392	137	82	99
29	261	134	54	7.0	21	76	8.4	139	76	132	81	98
30	275	133	55	6.7	---	16	14	140	25	131	90	96
31	283	---	55	6.7	---	12	---	140	---	131	115	---
TOTAL	9039	3978	1537.8	947.5	562.5	745.3	8852.5	2196	2275.9	1912.4	4295	3294
MEAN	292	133	49.6	30.6	19.4	24.0	295	70.8	75.9	61.7	139	110
MAX	437	278	108	57	34	119	7510	561	392	149	218	135
MIN	132	61	7.1	6.7	6.7	9.1	8.3	11	9.4	8.6	81	96
AC-FT	17930	7890	3050	1880	1120	1480	17560	4360	4510	3790	8520	6530

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2000, BY WATER YEAR (WY)

MEAN	302	189	179	107	141	226	270	707	466	200	221	180
MAX	4063	1248	3073	929	2003	1728	4339	5908	5439	1330	1157	1643
(WY)	1982	1982	1992	1992	1997	1998	1990	1990	1989	1950	1950	1962
MIN	2.96	4.81	2.21	.75	.10	.26	.59	25.2	2.76	7.11	.025	.23
(WY)	1957	1984	1953	1956	1953	1955	1955	1959	1953	1979	1980	1956

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1947 - 2000	
ANNUAL TOTAL	43659.8		39635.9			
ANNUAL MEAN	120		108		267	
HIGHEST ANNUAL MEAN					1094	1982
LOWEST ANNUAL MEAN					58.6	1953
HIGHEST DAILY MEAN	939	May 31	7510	Apr 2	38800	Oct 14 1981
LOWEST DAILY MEAN	7.1	Dec 19	6.7	Jan 26	.00	Aug 6 1948
ANNUAL SEVEN-DAY MINIMUM	9.3	Dec 15	6.7	Jan 30	.00	Sep 25 1952
INSTANTANEOUS PEAK FLOW			23400	Apr 2	60400	Oct 14 1981
INSTANTANEOUS PEAK STAGE			21.84	Apr 2	25.87	Oct 14 1981
ANNUAL RUNOFF (AC-FT)	86600		78620		193100	
10 PERCENT EXCEEDS	259		218		485	
50 PERCENT EXCEEDS	78		55		67	
90 PERCENT EXCEEDS	14		10		4.2	

08044500 WEST FORK TRINITY RIVER NEAR BOYD, TX--Continued



08044800 WALNUT CREEK AT RENO, TX

LOCATION.--Lat 32°56'44", long 97°34'58", Parker County, Hydrologic Unit 12030101, on left bank at abandoned bridge abutment, 100 ft upstream from bridge on FM 1542, 3,500 ft upstream from Cottonwood Branch and 2.4 mi west of intersection of FM 1542 and FM 730 in Center Point.

DRAINAGE AREA.--75.6 mi^2.

PERIOD OF RECORD.--Apr 1992 to Sep 1995 (annual maximum), Oct 1995 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 681.11 ft above sea level. Satellite telemeter at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. No flow at times. No known regulation or diversions. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft^3/s:

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jun 3	2315	8,600	15.26	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.06	.38	.21	.21	.19	3.6	145	.07	1.2	.02	.00
2	.00	.07	.42	.22	.20	50	21	12	.07	.67	.02	.00
3	.00	.08	.44	.24	.19	53	11	115	694	.43	.02	.00
4	.00	.09	.45	.22	.17	8.2	4.0	29	527	.28	.01	.00
5	.00	.10	.45	.19	.17	3.1	2.5	4.7	30	.21	.01	.00
6	.00	.10	.45	.19	.17	2.2	2.2	2.2	3.0	.16	.01	.00
7	.00	.12	.39	.25	.19	2.1	2.2	1.0	.56	.13	.01	.00
8	.00	.15	.40	1.2	.19	2.8	1.8	.61	.34	.11	.01	.00
9	.00	.18	.58	.70	.18	2.9	1.6	.48	e.26	.09	.01	.00
10	.00	.20	.55	.28	.20	1.7	1.6	.41	e53	.08	.01	.00
11	.00	.22	.68	.22	.19	1.5	2.0	.42	e40	.07	.00	.00
12	.00	.22	7.9	.20	.19	1.4	11	.35	16	.06	.00	.00
13	.00	.21	2.2	.18	.19	1.3	6.4	.21	3.9	.05	.00	.00
14	.00	.26	.39	.18	.18	1.6	3.2	.18	1.4	.04	.00	.00
15	.00	.25	.22	.17	.17	2.1	2.4	.23	4.5	.05	.00	.00
16	.00	.25	.16	.17	.17	2.5	46	.23	1.1	.04	.00	.00
17	.00	.25	.16	.20	.18	2.1	13	.19	.83	.03	.00	.00
18	.00	.25	.18	.20	.16	1.9	4.4	.23	1.4	.02	.00	.00
19	.00	.26	.19	.20	.16	1.8	2.4	.31	.92	.02	.00	.00
20	.00	.31	.19	.18	.16	1.8	1.8	13	.71	.02	.00	.00
21	.00	.36	.18	.18	.14	1.8	1.4	1.8	.52	.02	.00	.00
22	.00	.36	.18	.17	.30	2.9	1.3	.68	.42	.02	.00	.00
23	.00	.43	.16	.18	10	3.2	1.4	.40	.34	.02	.00	.00
24	.00	.37	.17	.18	.67	4.1	1.2	.25	.29	.02	.00	.00
25	.00	.39	.18	.18	.27	2.7	1.1	.20	.24	.01	.00	.00
26	.00	.38	.20	.17	.19	12	1.1	.14	.22	.01	.00	.00
27	.00	.43	.20	.30	.17	5.5	1.2	.10	117	.02	.00	.00
28	.00	.39	.20	.55	.15	2.7	1.2	.10	83	.02	.00	.00
29	.00	.36	.22	.34	.14	21	1.9	.09	6.4	.02	.00	.00
30	.04	.38	.22	.23	---	6.6	4.9	.10	1.2	.02	.00	.00
31	.05	---	.23	.22	---	3.0	---	.08	---	.02	.00	---
TOTAL	0.09	7.48	18.92	8.30	15.65	209.69	160.8	329.69	1588.69	3.96	0.13	0.00
MEAN	.003	.25	.61	.27	.54	6.76	5.36	10.6	53.0	.13	.004	.000
MAX	.05	.43	7.9	1.2	10	53	46	145	694	1.2	.02	.00
MIN	.00	.06	.16	.17	.14	.19	1.1	.08	.07	.01	.00	.00
AC-FT	.2	15	38	16	31	416	319	654	3150	7.9	.3	.00

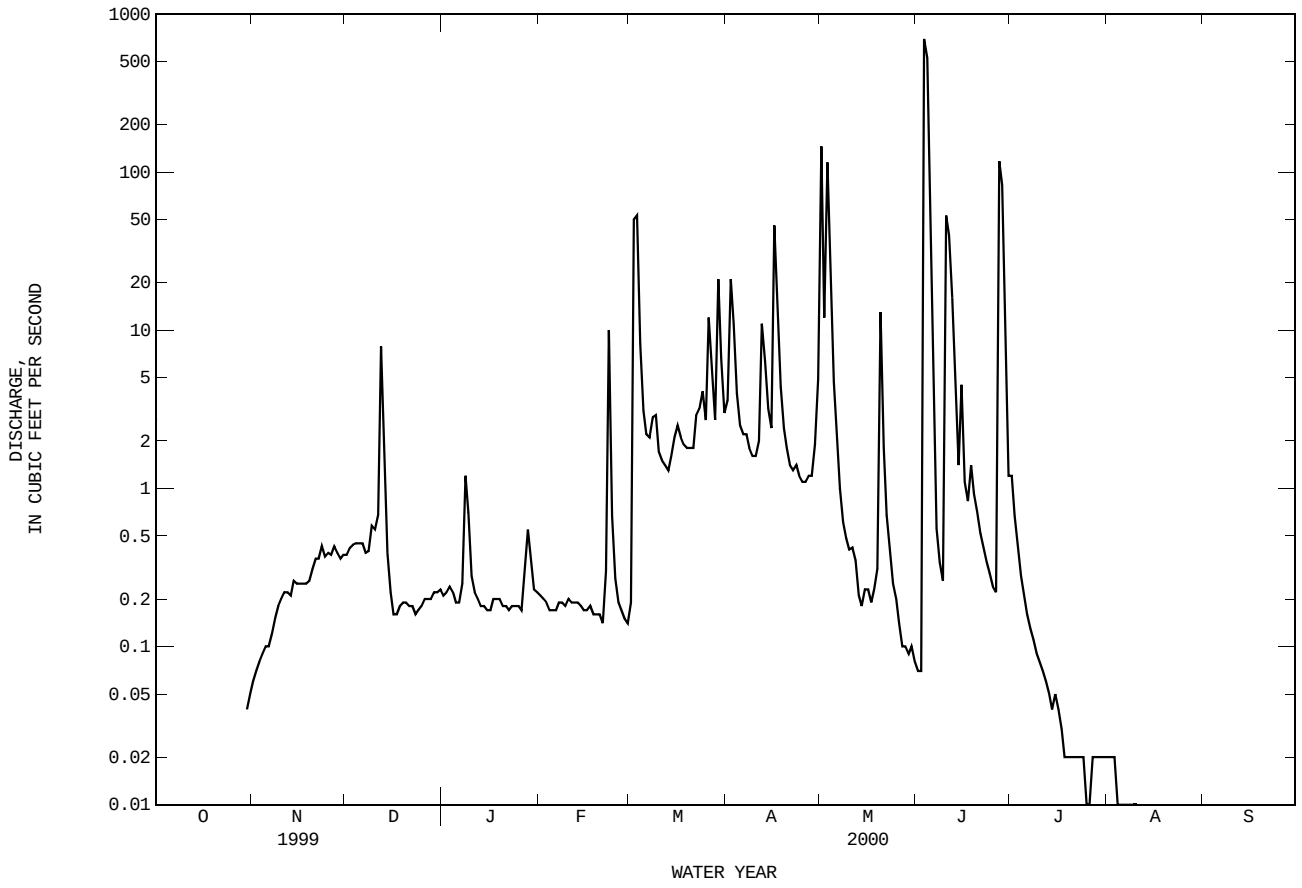
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	4.16	25.8	9.18	6.96	41.8	47.2	23.6	28.1	20.9	4.76	5.35	1.88
MAX	7.64	120	17.9	17.0	178	104	82.1	92.2	53.0	19.1	14.6	4.52
(WY)	1999	1997	1998	1998	1997	1998	1997	1997	2000	1997	1997	1996
MIN	.003	.25	.61	.27	.54	6.76	5.36	1.43	.84	.13	.004	.000
(WY)	2000	2000	2000	2000	2000	2000	2000	1996	1999	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	2894.36		2343.40			
ANNUAL MEAN	7.93		6.40		18.1	
HIGHEST ANNUAL MEAN					53.7	1997
LOWEST ANNUAL MEAN					3.98	1996
HIGHEST DAILY MEAN	761	Mar 11	694	Jun 3	2350	Mar 16 1998
LOWEST DAILY MEAN	.00	Sep 4	.00	Oct 1	.00	Sep 4 1999
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 4	.00	Oct 1	.00	Sep 4 1999
INSTANTANEOUS PEAK FLOW			8600	Jun 3	8600	Jun 3 2000
INSTANTANEOUS PEAK STAGE			15.26	Jun 3	21.21	Oct 19 1993
ANNUAL RUNOFF (AC-FT)	5740		4650		13140	
10 PERCENT EXCEEDS	7.3		3.7		24	
50 PERCENT EXCEEDS	.55		.19		3.0	
90 PERCENT EXCEEDS	.00		.00		.14	

e Estimated

08044800 WALNUT CREEK AT RENO, TX--Continued



08045000 EAGLE MOUNTAIN RESERVOIR ABOVE FORT WORTH, TX

LOCATION.--Lat 32°52'39", long 97°28'29", Tarrant County, Hydrologic Unit 12030101, at right end of main section of Eagle Mountain Dam on West Fork Trinity River, 11.8 mi northwest of Fort Worth and at mile 583.3.

DRAINAGE AREA.--1,970 mi^2.

PERIOD OF RECORD.--Feb 1934 to current year. Prior to Oct 1950 (end of month values only).

REVISED RECORDS.--WSP 1922: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to Oct 16, 1988, nonrecording gages at several sites within 1.0 mi of present site at present datum. Satellite telemeter at station.

REMARKS.--No estimated daily contents. Records good. The reservoir is formed by two sections of rolled earthfill and a concrete spillway separated by high natural ground. Total length of the dam including spillway is 4,800 ft. The dam was completed Oct 24, 1932, and storage began Feb 24, 1934. The spillway is a 1,300-foot-wide cut through natural ground located between the two sections of earthfill that make up the dam. The original service spillway, located in the section to the right of the main dam, contains a concrete spillway with four 25-foot bays, three are equipped with vertical lift gates and the fourth is left open. In 1971, a side-channel spillway was constructed. The newest spillway is located 300 ft to the left of the original service spillway and has six 11.25 x 22-foot-wide roller lift gates. The main section of the dam contains the outlet works that consist of two concrete conduits with two 48-inch diameter valves in each conduit. The reservoir is used for flood control and for part of the municipal water supply for the city of Fort Worth. Flow from 91.2 mi^2 above station is affected at times by discharge from the flood-detention pools of 36 floodwater-retarding structures with a total combined detention capacity of 24,450 acre-ft in the Big Sandy and Salt Creek drainage basins. Conservation pool storage is 190,300 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	682.0
Crest of spillway	676.0
Top of gates (new side-channel spillway)	659.0
Crest of (old service) spillway	649.1
Crest of spillway (new side-channel spillway)	637.0
Lowest gated outlet (invert)	599.9

COOPERATION.--Capacity table No. 4-C dated Oct 1, 1988 was furnished by Tarrant Regional Water District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 333,500 acre-ft, Apr 26, 1942, elevation, 659.9 ft; minimum contents observed since first appreciable storage in 1935, 57,690 acre-ft, Nov 19, 20, 1956, elevation, 629.3 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 140,900 acre-ft, Nov 2, elevation, 644.55 ft; minimum contents, 101,600 acre-ft, Sep 30, elevation, 638.95 ft.

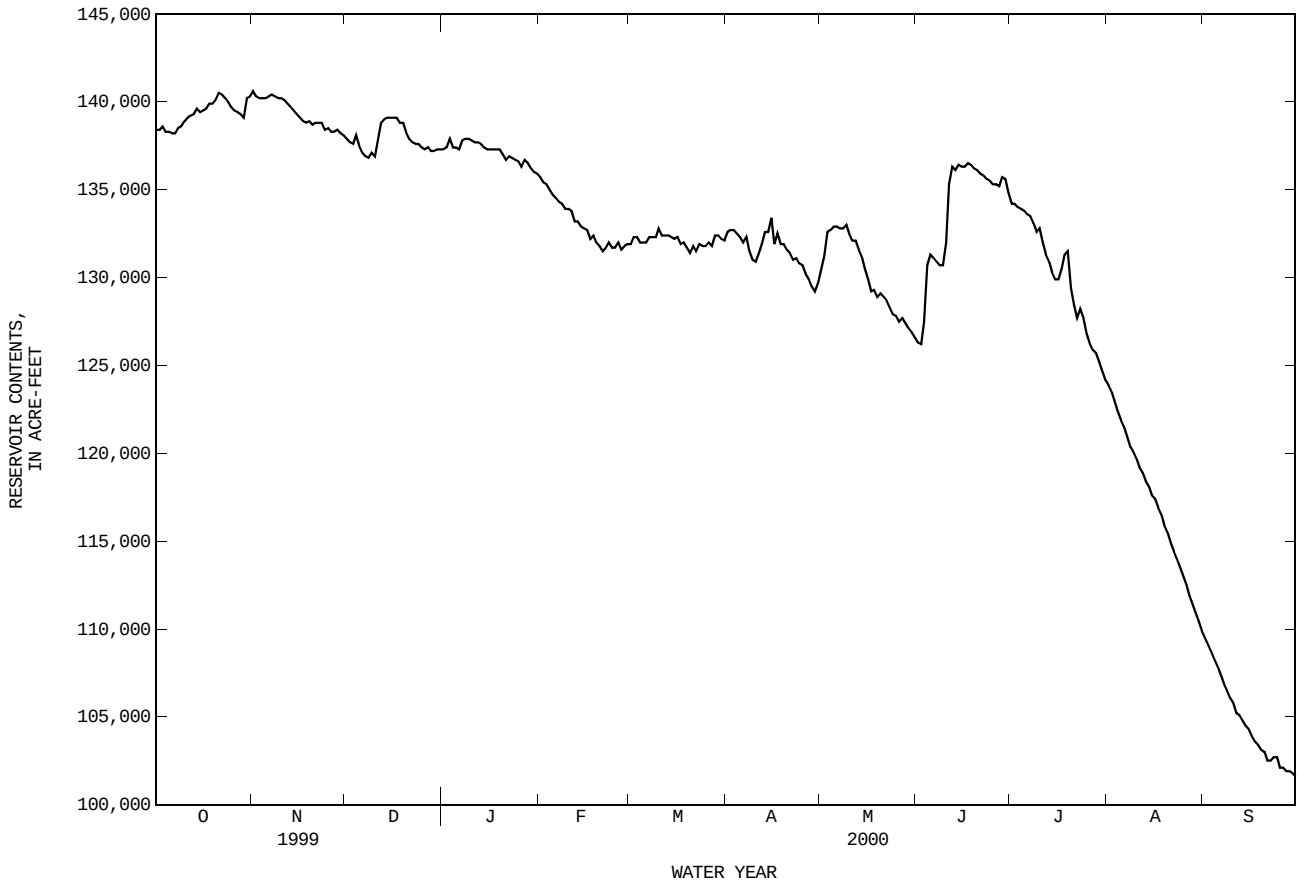
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	138400	140600	137900	137300	135700	131900	132600	130500	126300	134200	123900	109500
2	138400	140300	137700	137400	135400	132300	132700	131200	126200	134200	123500	109100
3	138600	140200	137600	137900	135300	132300	132700	132600	127500	134000	123000	108700
4	138300	140200	138100	137400	135000	132000	132500	132700	130700	133900	122400	108300
5	138300	140200	137500	137400	134700	132000	132300	132900	131300	133800	121900	107900
6	138200	140300	137100	137300	134500	132000	132000	132900	131100	133600	121500	107400
7	138200	140400	136900	137800	134300	132300	132300	132800	130900	133500	121000	106900
8	138500	140300	136800	137900	134200	132300	131500	132800	130700	133100	120400	106500
9	138600	140200	137100	137900	133900	132300	131000	133000	130700	132600	120100	106100
10	138900	140200	136900	137800	133900	132800	130900	132500	132000	132800	119700	105800
11	139100	140100	137900	137700	133800	132400	131400	132100	135300	132000	119200	105200
12	139200	139900	138800	137700	133200	132400	131900	132100	136300	131300	118900	105100
13	139300	139700	139000	137600	133200	132400	132600	131600	136100	130900	118400	104800
14	139600	139500	139100	137400	132900	132300	132600	131200	136400	130300	118100	104500
15	139400	139300	139100	137300	132800	132200	133400	130500	136300	129900	117600	104300
16	139500	139100	139100	137300	132700	132300	131900	129900	136300	129900	117400	103900
17	139600	138900	139100	137300	132200	131900	132500	129200	136500	130500	116900	103600
18	139900	138800	138800	137300	132400	132000	131900	129300	136400	131300	116500	103400
19	139900	138900	138800	137300	132000	131700	131900	128900	136200	131500	115900	103100
20	140100	138700	138300	137000	131800	131400	131600	129100	136100	129400	115500	103000
21	140500	138800	137900	136700	131500	131800	131400	128900	135900	128400	114900	102500
22	140400	138800	137700	136900	131700	131500	131000	128700	135800	127700	114400	102500
23	140200	138800	137600	136800	132000	131900	131100	128300	135600	128200	114000	102700
24	140000	138400	137600	136700	131700	131800	130800	127900	135500	127700	113500	102700
25	139700	138500	137400	136600	131700	131800	130700	127800	135300	126800	113000	102100
26	139500	138300	137300	136300	132000	132000	130200	127500	135300	126300	112500	102100
27	139400	138300	137400	136700	131600	131800	129900	127700	135200	125900	111900	101900
28	139300	138400	137200	136500	131800	132400	129500	127400	135700	125700	111400	101900
29	139100	138200	137200	136200	131900	132400	129200	127100	135600	125200	110900	101800
30	140200	138100	137300	136000	---	132200	129700	126900	134800	124700	110400	101600
31	140300	---	137300	135900	---	132100	---	126600	---	124200	109900	---
MAX	140500	140600	139100	137900	135700	132800	133400	133000	136500	134200	123900	109500
MIN	138200	138100	136800	135900	131500	131400	129200	126600	126200	124200	109900	101600
(+)	644.48	644.18	644.08	643.88	643.34	643.37	643.03	642.60	643.74	642.27	640.21	638.95
(@)	+1800	-2200	-800	-1400	-4000	+200	-2400	-3100	+8200	-10600	-14300	-8300

CAL YR 1999 MAX 165200 MIN 136800 (@) -9200
WTR YR 2000 MAX 140600 MIN 101600 (@) -36900

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08045000 EAGLE MOUNTAIN RESERVOIR ABOVE FORT WORTH, TX--Continued



08045400 LAKE WORTH ABOVE FORT WORTH, TX

LOCATION.--Lat 32°47'21", long 97°24'58", Tarrant County, Hydrologic Unit 12030102, on top of Lake Worth Dam on West Fork Trinity River, 240 ft to right of right end of uncontrolled concrete spillway, 2.9 mi upstream from Farmer's Branch, 3.3 mi upstream from bridge on State Highway 183 crossing West Fork Trinity River, 5.3 mi northwest of Tarrant County Courthouse in Fort Worth and at river mile 572.0.

DRAINAGE AREA.--2,064 mi^2.

PERIOD OF RECORD.--Oct 1981 to current year.
Water-quality records.--Chemical data: Jan 1970 to Sep 1984.

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite telemeter at station.

REMARKS.--No estimated daily contents. Record good. The lake is formed by a rolled earthfill dam 3,200 ft long, with an uncontrolled concrete spillway 700 ft long near the center of the dam. Deliberate impoundment began in Jun 1914 and the dam was completed in Oct 1914. There is a 48-inch diameter pipe controlled by a 36-inch valve, which may be used to make small releases through the dam. The dam is owned by the city of Fort Worth. Conservation pool storage is 38,130 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	606.3
Crest of concrete spillway	594.0
Lowest gated outlet (invert)	584.25

COOPERATION.--Capacity Table 1-C was provided by Tarrant Regional Water District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 56,040 acre-ft, May 3, 1990, elevation, 598.70 ft; minimum contents, 24,730 acre-ft, Sep 9-10, 1985, elevation, 589.95 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 36,730 acre-ft, Jun 18, elevation, 593.90 ft; minimum contents, 28,630 acre-ft, Mar 20, Apr 9, 10, elevation, 591.35 ft.

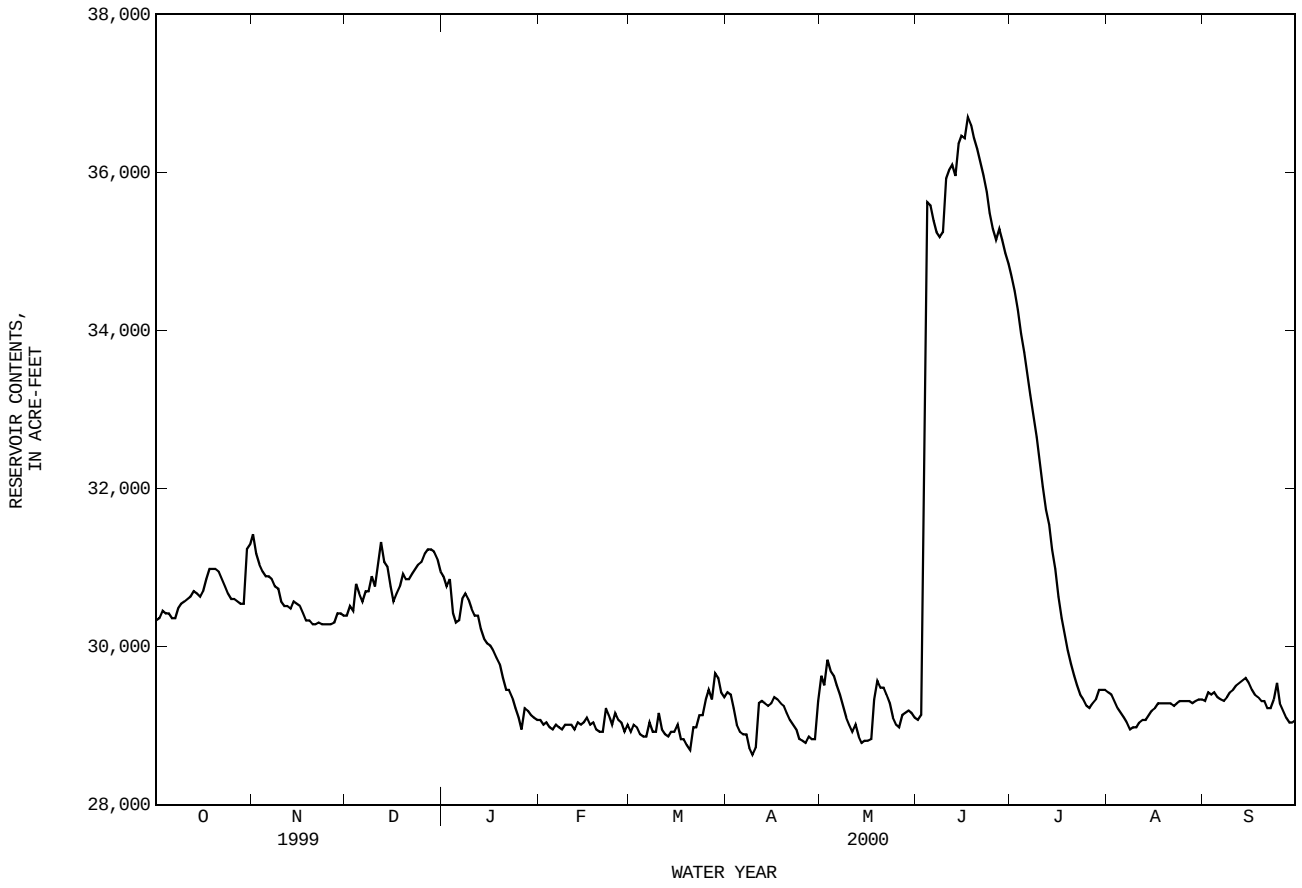
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30330	31420	30390	30890	29070	28920	29420	29630	29070	34670	29420	29310
2	30360	31170	30510	30760	29010	29010	29390	29510	29130	34500	29390	29420
3	30450	31040	30450	30850	29040	28980	29220	29830	31040	34260	29310	29390
4	30420	30950	30790	30420	28980	28890	29010	29690	35620	33960	29220	29420
5	30420	30890	30670	30300	28950	28860	28920	29630	35580	33720	29160	29360
6	30360	30890	30570	30330	29010	28860	28890	29510	35380	33470	29100	29330
7	30360	30850	30700	30600	28980	29040	28890	29390	35240	33180	29040	29310
8	30480	30760	30700	30670	28950	28920	28720	29250	35180	32930	28950	29360
9	30540	30730	30890	30600	29010	28920	28630	29100	35240	32650	28980	29420
10	30570	30570	30760	30480	29010	29160	28720	29010	35920	32360	28980	29450
11	30600	30510	31040	30390	29010	28950	29280	28920	36020	32020	29040	29510
12	30630	30510	31320	30390	28950	28890	29310	29010	36090	31730	29070	29540
13	30700	30480	31070	30220	29040	28860	29280	28860	35950	31540	29070	29570
14	30670	30570	31010	30100	29010	28920	29250	28780	36360	31230	29130	29600
15	30630	30540	30760	30040	29040	28920	29280	28810	36460	30980	29190	29540
16	30700	30510	30570	30010	29100	29010	29360	28810	36430	30630	29220	29450
17	30850	30420	30670	29950	29010	28830	29330	28830	36700	30360	29280	29390
18	30980	30330	30760	29860	29040	28830	29280	29330	36600	30160	29280	29360
19	30980	30330	30920	29780	28950	28750	29250	29570	36430	29950	29280	29310
20	30980	30280	30850	29600	28920	28690	29160	29480	36290	29780	29280	29310
21	30950	30280	30850	29450	28920	28980	29070	29480	36120	29630	29280	29220
22	30850	30300	30920	29450	29220	28980	29010	29390	35950	29510	29250	29220
23	30760	30280	30980	29360	29130	29130	28950	29280	35750	29390	29280	29330
24	30670	30280	31040	29220	29010	29130	28830	29100	35480	29330	29310	29540
25	30600	30280	31070	29100	29160	29330	28810	29010	35280	29250	29310	29280
26	30600	30280	31170	28950	29070	29450	28780	28980	35140	29220	29310	29190
27	30570	30300	31230	29220	29040	29330	28860	29130	35280	29280	29310	29100
28	30540	30420	31230	29190	28920	29660	28830	29160	35140	29330	29280	29040
29	30540	30420	31200	29130	29010	29600	28830	29190	34970	29450	29310	29040
30	31230	30390	31110	29100	---	29420	29310	29160	34840	29450	29330	29070
31	31290	---	30950	29070	---	29360	---	29100	---	29450	29330	---
MAX	31290	31420	31320	30890	29220	29660	29420	29830	36700	34670	29420	29600
MIN	30330	30280	30390	28950	28920	28690	28630	28780	29070	29220	28950	29040
(+)	592.24	591.95	592.13	591.50	591.48	591.60	591.58	591.51	593.34	591.63	591.59	591.50
(@)	+930	-900	+560	-1880	-60	+350	-50	-210	+5740	-5390	-120	-260

CAL YR 1999 MAX 37830 MIN 29920 (@) -220
WTR YR 2000 MAX 36700 MIN 28630 (@) -1290

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08045400 LAKE WORTH ABOVE FORT WORTH, TX--Continued



08045525 FARMERS BRANCH AT WESTWORTH VILLAGE, TX

LOCATION.--Lat 32°45'52", long 97°25'55", Tarrant County, Hydrologic Unit 12030102, on left bank 0.6 mi northwest of US Hwy 183 on Roaring Springs Road, 200 ft left of roadway, along north side of Sycamore tree grove, 1.62 mi upstream of confluence with West Fork Trinity River.

DRAINAGE AREA.-- 6.09 mi^2.

PERIOD OF RECORD.-- July 1998 to current year (gage height).

GAGE.--Water-stage recorder. Datum of gage is 587.32 ft above sea level. Satellite telemeter at station.

REMARKS.--Records good. No Known regulations or diversions.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.70, Jun 4, 2000, at 0015 hours; minimum gage height, 4.36, Jun 20, 2000, at 0515 hours.

EXTREMES FOR WATER YEAR 1999.--Maximum gage height, 12.91, May 30, 1999, at 0445 hours; minimum gage height, 5.26, Jul 10, 1999, at 1045 hours.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.70, Jun 4, 2000, at 0015 hours; minimum gage height, 4.36, Jun 20, 2000, at 0515 hours.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.33	6.80	6.14	6.20	6.22	6.19	6.21	6.13	6.23	6.00	5.28	5.28
2	6.72	6.17	---	6.21	6.21	6.18	6.23	6.72	6.20	5.98	5.28	5.28
3	6.35	6.14	---	6.21	6.23	6.17	7.00	6.21	6.18	5.97	5.28	5.28
4	6.11	6.13	---	6.21	6.22	6.18	6.26	6.36	6.16	5.93	5.28	5.28
5	6.20	6.12	---	6.22	6.23	6.19	6.24	6.19	6.15	5.93	5.28	5.50
6	6.47	6.12	---	6.22	6.34	6.18	6.22	6.16	6.14	5.97	5.28	5.46
7	6.12	---	6.16	6.22	6.31	6.19	6.21	6.15	6.13	5.81	5.28	5.28
8	6.11	---	6.15	6.21	6.21	6.68	6.22	6.14	6.13	5.91	5.28	5.28
9	6.11	---	6.15	6.21	6.21	6.21	6.22	6.15	6.12	5.49	5.28	5.28
10	6.10	6.42	6.56	6.21	6.20	6.19	6.21	6.49	6.13	5.85	5.28	5.28
11	6.08	---	6.40	6.21	6.20	6.95	6.19	6.21	6.35	6.01	5.28	5.28
12	6.08	---	6.54	6.21	6.19	6.35	6.19	6.25	6.15	6.02	5.28	5.28
13	6.07	---	6.23	6.19	6.19	6.24	6.20	6.16	6.11	5.91	5.28	6.09
14	6.02	---	6.22	6.19	6.18	6.21	6.61	6.15	6.10	5.78	5.28	5.91
15	5.93	---	6.21	6.19	6.18	6.21	6.20	6.14	6.10	5.44	5.28	5.56
16	5.79	---	6.20	6.24	6.18	6.20	6.19	6.14	6.09	5.28	5.28	5.46
17	6.04	---	6.20	6.18	6.17	6.20	6.19	6.72	6.07	5.28	5.28	5.48
18	6.28	---	6.65	6.18	6.17	6.43	6.18	6.22	6.07	5.28	5.28	5.69
19	6.13	---	6.30	6.19	6.16	6.38	6.19	6.16	6.05	5.28	5.52	5.41
20	6.40	---	6.23	6.19	6.17	6.21	6.18	6.14	6.09	5.28	5.52	5.33
21	6.27	---	6.22	6.19	6.17	6.20	6.18	6.14	6.16	5.28	5.28	5.32
22	6.15	---	6.20	6.18	6.18	6.20	6.17	6.13	6.16	5.33	5.28	5.33
23	6.13	6.14	6.20	6.17	6.19	6.19	6.16	6.14	6.15	5.38	5.28	5.34
24	6.12	---	6.20	6.18	6.19	6.19	6.16	6.10	6.07	5.46	5.28	5.28
25	6.11	---	6.20	6.19	6.19	6.20	6.17	6.34	6.32	5.48	5.27	5.28
26	6.11	---	6.19	6.20	6.20	6.19	6.48	7.08	6.11	5.46	5.28	5.28
27	6.09	---	6.19	6.20	6.19	6.26	6.18	6.28	6.06	5.42	5.27	5.28
28	6.10	---	6.19	6.36	6.18	6.29	6.16	6.28	6.03	5.30	5.28	5.28
29	6.09	---	6.19	7.05	---	6.20	6.15	6.98	6.02	5.42	5.28	5.28
30	6.09	6.25	6.20	6.34	---	6.20	6.14	7.68	6.00	5.85	5.28	5.28
31	5.99	---	6.18	6.23	---	6.21	---	6.30	---	5.28	5.28	---
MEAN	6.12	---	---	6.24	6.20	6.26	6.24	6.34	6.13	5.61	5.29	5.39
MAX	6.72	---	---	7.05	6.34	6.95	7.00	7.68	6.35	6.02	5.52	6.09
MIN	5.33	---	---	6.17	6.16	6.17	6.14	6.10	6.00	5.28	5.27	5.28

08045525 FARMERS BRANCH AT WESTWORTH VILLAGE, TX--Continued

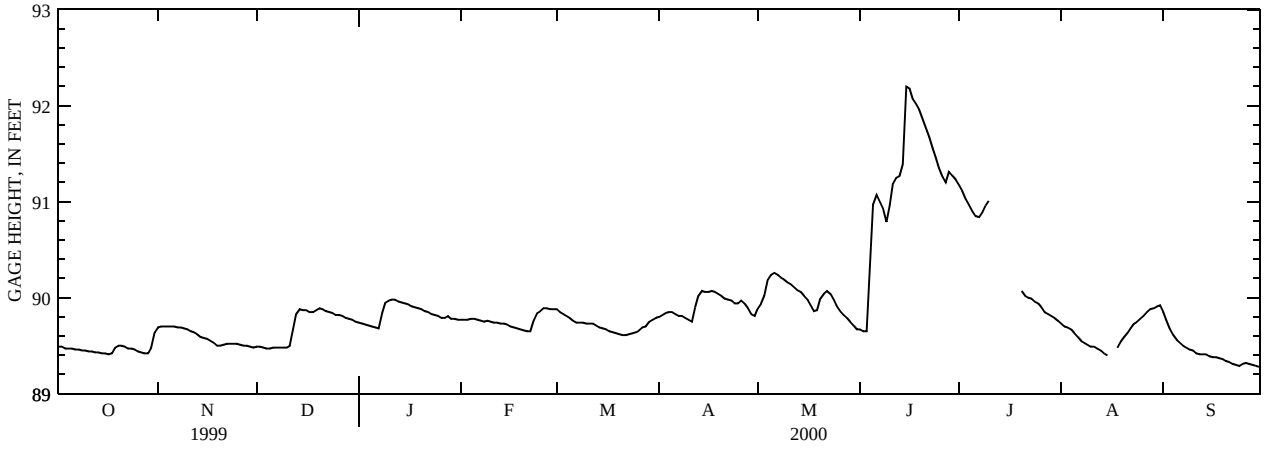
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.28	5.95	5.48	6.01	6.01	5.98	6.22	6.52	5.17	6.04	5.66	5.73
2	5.28	5.68	5.48	6.01	6.01	6.01	6.15	6.10	5.17	6.01	5.70	5.73
3	5.28	5.72	5.47	6.01	6.01	5.98	6.10	6.79	6.51	5.98	5.82	5.73
4	5.28	5.93	5.59	6.00	6.00	5.97	6.09	6.17	7.14	5.94	5.76	5.72
5	5.28	5.80	5.50	6.02	6.00	5.97	6.08	6.20	5.92	5.91	5.70	5.73
6	5.28	5.67	5.52	6.04	6.01	5.96	6.08	6.13	6.05	5.90	5.72	5.74
7	5.28	5.62	5.73	6.36	6.01	6.00	6.07	6.09	6.02	5.90	5.78	5.75
8	5.28	5.63	5.53	6.41	6.01	6.27	6.02	6.06	6.01	5.88	5.78	5.74
9	5.57	5.58	6.12	6.10	6.00	6.01	6.04	6.04	6.18	5.85	5.84	5.70
10	5.28	5.59	5.94	6.07	6.00	6.24	6.06	6.04	7.14	5.67	5.88	5.71
11	5.28	5.58	6.11	6.07	5.99	6.07	6.44	6.03	6.79	5.56	5.93	5.73
12	5.28	5.58	6.76	6.07	6.00	6.01	6.43	5.99	6.94	5.50	6.11	5.73
13	5.28	5.52	6.05	6.05	5.99	6.00	6.11	5.83	6.01	5.51	5.90	5.75
14	5.28	5.49	5.99	6.05	5.99	6.00	6.08	5.61	6.12	5.52	5.93	5.77
15	5.28	5.47	5.96	6.06	5.99	5.99	6.06	5.57	5.72	5.50	5.90	5.78
16	5.28	5.43	5.95	6.06	5.98	5.98	6.45	5.57	5.72	5.49	---	5.78
17	5.90	5.38	5.95	6.03	5.98	5.97	6.09	5.52	5.56	5.45	---	5.80
18	5.77	5.63	6.27	6.00	5.97	5.97	6.07	5.56	5.19	5.41	5.59	5.80
19	6.08	5.43	6.01	6.00	5.97	5.97	6.06	6.50	4.61	5.42	5.65	5.82
20	5.50	5.42	5.98	6.00	5.96	5.98	6.05	6.18	5.71	5.40	5.57	5.82
21	5.30	5.44	5.99	5.99	5.96	6.18	6.06	6.04	6.02	5.51	5.58	5.86
22	5.31	5.44	5.99	5.98	6.37	6.18	6.05	5.98	6.02	6.06	5.62	5.92
23	5.28	5.64	5.99	5.98	6.46	6.14	6.07	5.86	6.00	5.60	5.65	5.95
24	5.28	5.45	6.02	5.98	6.25	6.07	6.03	5.58	5.98	5.45	5.66	5.82
25	5.27	5.45	6.01	5.99	6.37	6.06	6.02	5.42	5.96	5.63	5.69	5.68
26	5.28	5.45	6.02	5.98	6.19	6.38	5.96	5.32	5.95	5.49	5.69	5.82
27	5.28	5.46	6.03	6.31	6.04	6.08	5.96	5.55	6.38	5.81	5.72	5.93
28	5.28	5.47	6.00	6.13	5.99	6.40	5.99	6.05	6.11	5.85	5.72	5.99
29	5.28	5.46	6.01	6.07	5.98	6.25	5.75	5.78	6.05	5.64	5.72	6.04
30	6.44	5.47	6.01	6.03	---	6.12	6.20	5.29	6.05	5.64	5.72	6.10
31	6.17	---	6.09	6.01	---	6.07	---	5.17	---	5.61	5.74	---
MEAN	5.43	5.56	5.92	6.06	6.05	6.07	6.09	5.89	6.01	5.68	---	5.81
MAX	6.44	5.95	6.76	6.41	6.46	6.40	6.45	6.79	7.14	6.06	---	6.10
MIN	5.27	5.38	5.47	5.98	5.96	5.96	5.75	5.17	4.61	5.40	---	5.68

08045525 FARMERS BRANCH AT WESTWORTH VILLAGE, TX--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

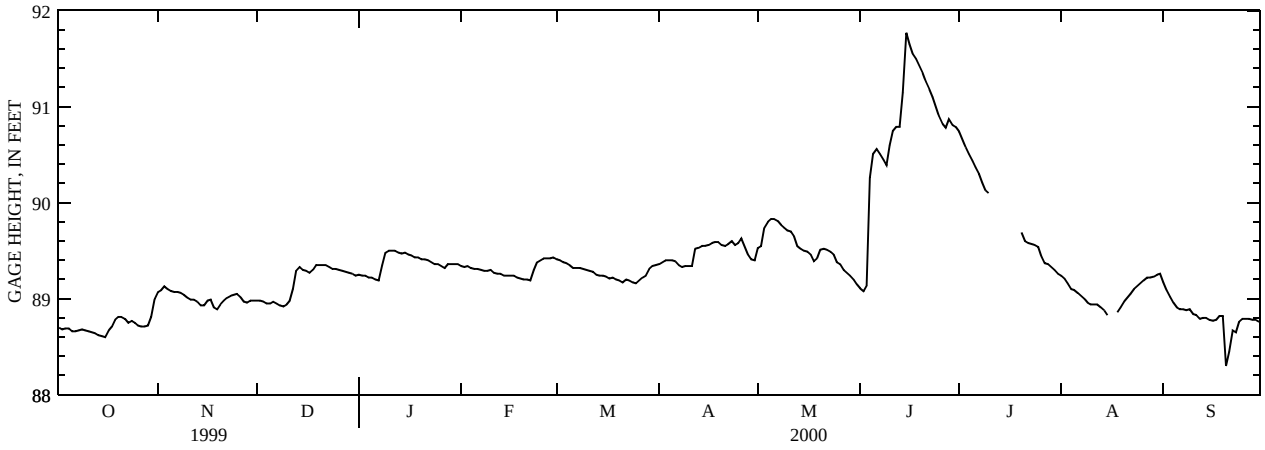
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89.50	89.69	89.49	89.74	89.77	89.88	89.80	89.89	89.67	91.17	89.73	89.85
2	89.49	89.70	89.49	89.73	89.77	89.85	89.82	89.94	89.65	91.11	89.70	89.76
3	89.49	89.70	89.48	89.72	89.77	89.83	89.84	90.02	89.65	91.03	89.69	89.67
4	89.47	89.70	89.47	89.71	89.78	89.81	89.85	90.19	90.35	90.97	89.67	89.61
5	89.47	89.70	89.47	89.70	89.78	89.79	89.85	90.24	90.97	90.90	89.63	89.56
6	89.47	89.70	89.48	89.69	89.77	89.76	89.83	90.26	91.07	90.85	89.59	89.53
7	89.46	89.69	89.48	89.68	89.76	89.74	89.81	90.24	91.00	90.84	89.55	89.50
8	89.46	89.69	89.48	89.84	89.75	89.74	89.81	90.21	90.92	90.89	89.53	89.48
9	89.45	89.68	89.48	89.95	89.76	89.74	89.79	90.19	90.79	90.96	89.51	89.46
10	89.45	89.67	89.48	89.97	89.75	89.73	89.77	90.16	90.96	91.01	89.49	89.45
11	89.44	89.65	89.50	89.98	89.74	89.73	89.75	90.14	91.19	---	89.49	89.42
12	89.44	89.64	89.66	89.98	89.74	89.73	89.90	90.11	91.25	---	89.47	89.41
13	89.43	89.62	89.83	89.96	89.73	89.71	90.02	90.08	91.27	---	89.45	89.41
14	89.43	89.59	89.88	89.95	89.73	89.69	90.07	90.06	91.39	---	89.42	89.41
15	89.42	89.58	89.87	89.94	89.72	89.68	90.06	90.02	92.20	---	89.40	89.39
16	89.42	89.57	89.87	89.93	89.70	89.67	90.06	89.98	92.18	---	---	89.38
17	89.41	89.55	89.85	89.91	89.69	89.65	90.07	89.92	92.07	---	---	89.38
18	89.42	89.53	89.85	89.90	89.68	89.64	90.06	89.86	92.02	---	89.48	89.37
19	89.48	89.50	89.87	89.89	89.67	89.63	90.04	89.87	91.96	---	89.54	89.36
20	89.50	89.50	89.89	89.88	89.66	89.62	90.02	89.99	91.86	90.07	89.59	89.34
21	89.50	89.51	89.88	89.86	89.65	89.61	89.99	90.04	91.77	90.02	89.63	89.33
22	89.49	89.52	89.86	89.85	89.65	89.61	89.98	90.07	91.67	90.00	89.68	89.31
23	89.47	89.52	89.85	89.83	89.77	89.62	89.97	90.04	91.56	89.99	89.73	89.30
24	89.47	89.52	89.84	89.82	89.84	89.63	89.94	89.98	91.46	89.96	89.75	89.29
25	89.46	89.52	89.82	89.81	89.86	89.64	89.94	89.91	91.35	89.94	89.78	89.31
26	89.44	89.51	89.82	89.79	89.89	89.66	89.97	89.86	91.26	89.90	89.81	89.32
27	89.43	89.50	89.81	89.79	89.89	89.69	89.94	89.82	91.20	89.85	89.85	89.31
28	89.42	89.50	89.79	89.81	89.88	89.70	89.89	89.79	91.31	89.83	89.88	89.30
29	89.42	89.49	89.78	89.78	89.88	89.75	89.83	89.75	91.27	89.81	89.89	89.29
30	89.48	89.48	89.77	89.78	---	89.77	89.81	89.71	91.23	89.79	89.91	89.28
31	89.64	---	89.75	89.77	---	89.79	---	89.67	---	89.76	89.92	---
MEAN	89.46	89.59	89.70	89.84	89.76	89.71	89.92	90.00	91.22	---	---	89.43
MAX	89.64	89.70	89.89	89.98	89.89	89.88	90.07	90.26	92.20	---	---	89.85
MIN	89.41	89.48	89.47	89.68	89.65	89.61	89.75	89.67	89.65	---	---	89.28



08045525 FARMERS BRANCH AT WESTWORTH VILLAGE, TX--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

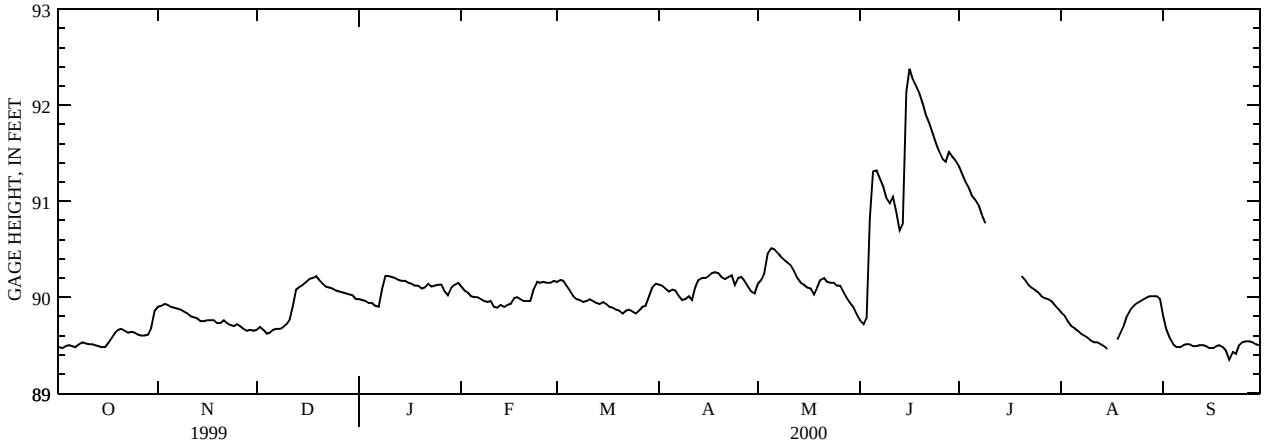
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	88.74	89.07	88.98	89.25	89.34	89.41	89.36	89.53	89.11	90.74	89.24	89.17
2	88.70	89.09	88.98	89.24	89.33	89.40	89.38	89.55	89.08	90.66	89.21	89.09
3	88.68	89.13	88.97	89.24	89.34	89.38	89.40	89.74	89.14	90.58	89.16	89.02
4	88.69	89.10	88.95	89.22	89.32	89.37	89.40	89.80	90.26	90.51	89.10	88.96
5	88.69	89.08	88.95	89.22	89.31	89.35	89.40	89.83	90.51	90.44	89.09	88.91
6	88.66	89.07	88.97	89.20	89.31	89.32	89.39	89.83	90.56	90.37	89.06	88.89
7	88.66	89.07	88.95	89.19	89.30	89.32	89.35	89.81	90.51	90.30	89.03	88.89
8	88.67	89.06	88.93	89.35	89.29	89.32	89.33	89.77	90.45	90.21	89.00	88.88
9	88.68	89.04	88.92	89.48	89.29	89.31	89.34	89.74	90.39	90.13	88.96	88.89
10	88.67	89.01	88.94	89.50	89.30	89.30	89.34	89.71	90.60	90.10	88.94	88.84
11	88.66	88.99	88.98	89.50	89.27	89.29	89.34	89.70	90.75	---	88.94	88.83
12	88.65	88.99	89.10	89.50	89.26	89.28	89.52	89.65	90.79	---	88.94	88.79
13	88.64	88.97	89.29	89.48	89.26	89.25	89.53	89.55	90.79	---	88.91	88.80
14	88.62	88.93	89.33	89.47	89.24	89.24	89.55	89.52	91.15	---	88.88	88.80
15	88.61	88.93	89.30	89.48	89.24	89.24	89.55	89.50	91.77	---	88.83	88.78
16	88.60	88.98	89.29	89.46	89.24	89.23	89.56	89.49	91.65	---	---	88.77
17	88.67	88.99	89.27	89.45	89.24	89.21	89.58	89.46	91.55	---	---	88.78
18	88.71	88.91	89.30	89.43	89.22	89.22	89.59	89.39	91.50	---	88.86	88.82
19	88.78	88.89	89.35	89.43	89.21	89.20	89.59	89.42	91.43	---	88.91	88.82
20	88.81	88.94	89.35	89.41	89.20	89.19	89.56	89.51	91.35	89.69	88.97	88.30
21	88.81	88.98	89.35	89.41	89.20	89.17	89.55	89.52	91.26	89.60	89.01	88.45
22	88.79	89.01	89.35	89.40	89.19	89.20	89.57	89.51	91.18	89.58	89.05	88.67
23	88.75	89.03	89.33	89.38	89.30	89.19	89.60	89.49	91.10	89.57	89.10	88.65
24	88.77	89.04	89.31	89.36	89.38	89.17	89.56	89.46	91.00	89.56	89.13	88.76
25	88.75	89.05	89.31	89.36	89.40	89.16	89.58	89.38	90.90	89.54	89.16	88.79
26	88.72	89.02	89.30	89.34	89.42	89.19	89.63	89.36	90.82	89.44	89.19	88.79
27	88.71	88.97	89.29	89.32	89.42	89.22	89.55	89.30	90.78	89.37	89.22	88.79
28	88.71	88.96	89.28	89.36	89.42	89.24	89.46	89.27	90.87	89.36	89.22	88.78
29	88.72	88.98	89.27	89.36	89.43	89.31	89.41	89.24	90.81	89.33	89.23	88.78
30	88.81	88.98	89.26	89.36	---	89.34	89.40	89.20	90.79	89.30	89.25	88.76
31	89.00	---	89.24	89.36	---	89.35	---	89.15	---	89.26	89.26	---
MEAN	88.71	89.01	89.17	89.37	89.30	89.27	89.48	89.53	90.76	---	---	88.81
MAX	89.00	89.13	89.35	89.50	89.43	89.41	89.63	89.83	91.77	---	---	89.17
MIN	88.60	88.89	88.92	89.19	89.19	89.16	89.33	89.15	89.08	---	---	88.30



08045525 FARMERS BRANCH AT WESTWORTH VILLAGE, TX--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89.51	89.90	89.66	89.98	90.11	90.16	90.13	90.14	89.76	91.36	89.84	89.80
2	89.48	89.91	89.69	89.97	90.07	90.18	90.12	90.18	89.72	91.28	89.81	89.66
3	89.47	89.93	89.66	89.96	90.05	90.17	90.09	90.25	89.79	91.20	89.75	89.57
4	89.49	89.92	89.62	89.94	90.01	90.12	90.06	90.46	90.82	91.14	89.70	89.51
5	89.50	89.90	89.63	89.94	90.00	90.07	90.08	90.51	91.31	91.05	89.68	89.48
6	89.49	89.89	89.66	89.91	90.00	90.01	90.07	90.50	91.32	91.01	89.65	89.48
7	89.48	89.88	89.67	89.90	89.98	89.98	90.01	90.46	91.24	90.95	89.62	89.50
8	89.51	89.87	89.67	90.09	89.96	89.97	89.97	90.42	91.15	90.85	89.60	89.51
9	89.53	89.85	89.69	90.22	89.95	89.95	89.98	90.39	91.03	90.77	89.58	89.51
10	89.52	89.83	89.72	90.22	89.96	89.96	90.01	90.36	90.98	---	89.55	89.49
11	89.51	89.80	89.77	90.21	89.90	89.98	89.97	90.33	91.05	---	89.53	89.49
12	89.51	89.79	89.91	90.20	89.89	89.96	90.10	90.27	90.90	---	89.53	89.50
13	89.50	89.78	90.08	90.18	89.92	89.94	90.18	90.20	90.70	---	89.51	89.50
14	89.49	89.75	90.11	90.17	89.90	89.93	90.20	90.15	90.77	---	89.49	89.49
15	89.48	89.75	90.13	90.17	89.92	89.95	90.20	90.13	92.14	---	89.46	89.47
16	89.48	89.76	90.16	90.15	89.93	89.93	90.22	90.10	92.38	---	---	89.47
17	89.53	89.76	90.19	90.14	89.99	89.90	90.25	90.09	92.27	---	---	89.49
18	89.58	89.76	90.20	90.12	90.00	89.89	90.26	90.03	92.20	---	89.56	89.50
19	89.63	89.73	90.22	90.12	89.98	89.87	90.25	90.10	92.13	---	89.63	89.48
20	89.66	89.73	90.18	90.09	89.96	89.86	90.21	90.18	92.02	90.22	89.71	89.44
21	89.67	89.76	90.14	90.10	89.96	89.83	90.19	90.20	91.90	90.18	89.81	89.35
22	89.65	89.73	90.11	90.14	89.96	89.86	90.21	90.16	91.81	90.13	89.87	89.43
23	89.63	89.71	90.10	90.11	90.09	89.87	90.23	90.15	91.71	90.10	89.91	89.41
24	89.64	89.70	90.09	90.12	90.16	89.85	90.13	90.15	91.61	90.08	89.94	89.50
25	89.63	89.72	90.07	90.13	90.15	89.83	90.20	90.12	91.52	90.05	89.96	89.53
26	89.61	89.70	90.06	90.13	90.16	89.86	90.21	90.12	91.44	90.01	89.98	89.54
27	89.60	89.67	90.05	90.06	90.15	89.90	90.17	90.05	91.41	89.99	90.00	89.54
28	89.60	89.65	90.04	90.02	90.15	89.91	90.11	89.99	91.51	89.98	90.01	89.53
29	89.61	89.66	90.03	90.10	90.17	90.01	90.06	89.94	91.46	89.96	90.01	89.51
30	89.68	89.65	90.02	90.13	---	90.10	90.04	89.89	91.42	89.92	90.01	89.50
31	89.86	---	89.98	90.15	---	90.14	---	89.82	---	89.88	89.98	---
MEAN	89.57	89.78	89.95	90.09	90.01	89.97	90.13	90.19	91.32	---	---	89.51
MAX	89.86	89.93	90.22	90.22	90.17	90.18	90.26	90.51	92.38	---	---	89.80
MIN	89.47	89.65	89.62	89.90	89.89	89.83	89.97	89.82	89.72	---	---	89.35



08045800 LAKE WEATHERFORD NEAR WEATHERFORD, TX

LOCATION.--Lat 32°46'21", long 97°40'28", Parker County, Hydrologic Unit 12030102, in pumphouse 168 ft upstream from right end of dam on Clear Fork Trinity River, 2.4 mi downstream from Hays Branch, 3.9 mi upstream from Squaw Creek, and 7.3 mi east of Weatherford.

DRAINAGE AREA.--109 mi^2.

PERIOD OF RECORD.--Jun 1976 to May 1980, Aug 1998 to current year.
Water-quality records.--Chemical data: Oct 1978 to Sep 1979.

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite telemeter at station.

REMARKS.--No estimated daily contents. Records good. The lake is formed by a rolled earthfilled dam 4,055 ft long. The dam was completed and deliberate impoundment began in Mar 1957. The service spillway is a semi-circular drip inlet with a crest length of 162 ft located 550 ft to the right of the pumphouse. The drop inlet discharges into a 9 x 9 ft concrete conduit that extends 425 ft under the dam. The emergency spillway is an uncontrolled excavated split-level cut channel located at the right end of the dam. The low-flow outlet works consist of an 18 in diameter concrete pipe with a valve control assembly. At end of year, flow from 43.9 mi^2 above this station was partly affected at times by discharge from the flood-detention pools of 22 floodwater- retarding structures with a combined detention capacity of 11,000 acre-ft. Records furnished by the city of Weatherford show that 1,030 acre-ft was diverted from the lake for municipal use during the period Oct to Apr and 869 acre-ft of sewage effluent was returned to a tributary downstream from station. Conservation pool storage is 18,650 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	914.0
Crest of Spillway	903.0
Invert of drop inlet (spillway)	896.0
Invert of lowest gated outlet pipe	857.0

COOPERATION.--The capacity table was furnished by the Texas Water Development Board and designated Table 1.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 23,560 acre-ft Mar 27, 1977, elevation 899.65 ft, from floodmark; minimum contents, 12,880 acre-ft, Jan 9, 10, 1979, elevation, 889.99 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 18,900 acre-ft, Jun 28, 29, elevation, 896.17 ft; minimum contents, 13,100 acre-ft, Mar 20, 21, elevation, 890.72 ft.

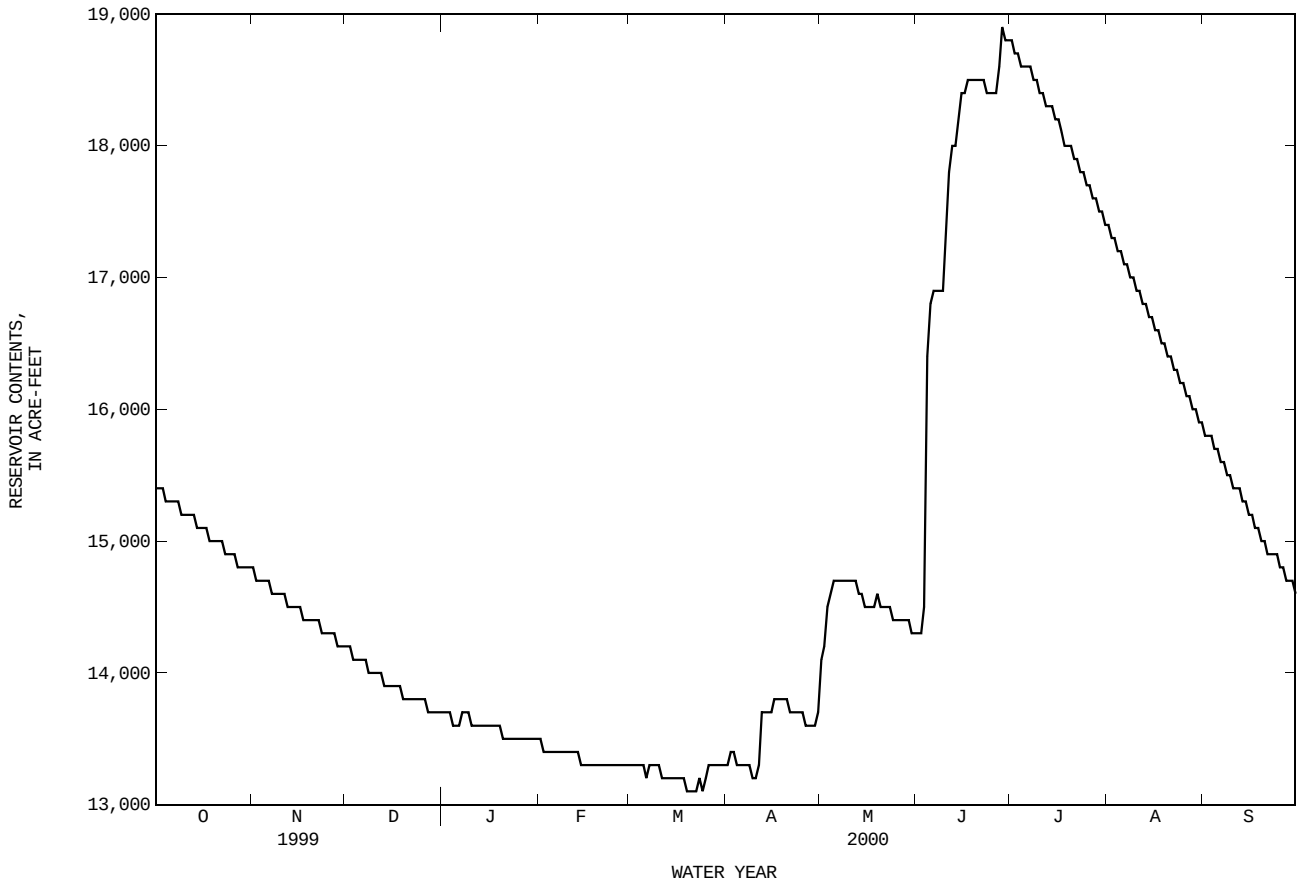
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15400	14800	14200	13700	13500	13300	13300	14100	14300	18800	17400	15800
2	15400	14700	14200	13700	13400	13300	13400	14200	14300	18700	17300	15800
3	15400	14700	14100	13700	13400	13300	13400	14500	14500	18700	17300	15800
4	15300	14700	14100	13600	13400	13300	13300	14600	16400	18600	17200	15700
5	15300	14700	14100	13600	13400	13300	13300	14700	16800	18600	17200	15700
6	15300	14700	14100	13600	13400	13200	13300	14700	16900	18600	17100	15600
7	15300	14600	14100	13700	13400	13300	13300	14700	16900	18600	17100	15600
8	15300	14600	14000	13700	13400	13300	13300	14700	16900	18500	17000	15500
9	15200	14600	14000	13700	13400	13300	13200	14700	16900	18500	17000	15500
10	15200	14600	14000	13600	13400	13300	13200	14700	17300	18400	16900	15400
11	15200	14600	14000	13600	13400	13200	13300	14700	17800	18400	16900	15400
12	15200	14500	14000	13600	13400	13200	13700	14700	18000	18300	16800	15400
13	15200	14500	13900	13600	13400	13200	13700	14600	18000	18300	16800	15300
14	15100	14500	13900	13600	13300	13200	13700	14600	18200	18300	16700	15300
15	15100	14500	13900	13600	13300	13200	13700	14500	18400	18200	16700	15200
16	15100	14500	13900	13600	13300	13200	13800	14500	18400	18200	16600	15200
17	15100	14400	13900	13600	13300	13200	13800	14500	18500	18100	16600	15100
18	15000	14400	13900	13600	13300	13200	13800	14500	18500	18000	16500	15100
19	15000	14400	13800	13600	13300	13100	13800	14600	18500	18000	16500	15000
20	15000	14400	13800	13500	13300	13100	13800	14500	18500	18000	16400	15000
21	15000	14400	13800	13500	13300	13100	13700	14500	18500	17900	16400	14900
22	15000	14400	13800	13500	13300	13100	13700	14500	18500	17900	16300	14900
23	14900	14300	13800	13500	13300	13200	13700	14500	18400	17800	16300	14900
24	14900	14300	13800	13500	13300	13100	13700	14400	18400	17800	16200	14900
25	14900	14300	13800	13500	13300	13200	13700	14400	18400	17700	16200	14800
26	14900	14300	13800	13500	13300	13300	13600	14400	18400	17700	16100	14800
27	14800	14300	13700	13500	13300	13300	13600	14400	18600	17600	16100	14700
28	14800	14200	13700	13500	13300	13300	13600	14400	18900	17600	16000	14700
29	14800	14200	13700	13500	13300	13300	13600	14400	18800	17500	16000	14700
30	14800	14200	13700	13500	---	13300	13700	14300	18800	17500	15900	14600
31	14800	---	13700	13500	---	13300	---	14300	---	17400	15900	---
MAX	15400	14800	14200	13700	13500	13300	13800	14700	18900	18800	17400	15800
MIN	14800	14200	13700	13500	13300	13100	13200	14100	14300	17400	15900	14600
(+)	892.43	891.84	891.29	891.10	890.91	890.95	891.37	891.94	896.07	894.90	893.47	892.30
(@)	-600	-600	-500	-200	-200	0	+400	+600	+4500	-1400	-1500	-1300

CAL YR 1999 MAX 19100 MIN 13700 (@) -1200
WTR YR 2000 MAX 18900 MIN 13100 (@) -800

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet.

08045800 LAKE WEATHERFORD NEAR WEATHERFORD, TX--Continued



08045850 CLEAR FORK TRINITY RIVER NEAR WEATHERFORD, TX

LOCATION.--Lat 32°44'25", long 97°39'06", Parker County, Hydrologic Unit 12030102, near left end of bridge on weigh station exit road associated with Interstate Highway 20, 150 ft downstream from Squaw Creek, 2.8 mi downstream from Lake Weatherford Dam on the Clear Fork Trinity River, 3.8 mi upstream from South Fork Trinity River and 8.5 mi east of county courthouse in Weatherford.

DRAINAGE AREA.--121 mi^2.

PERIOD OF RECORD.--May 1980 to Sep 1985, Oct 1998 to current year (daily mean discharge), Oct 1985 to Sep 1998 (peaks above base discharge).
Water-quality records.--Chemical data: Oct 1980 to Sep 1982. Biochemical data: Oct 1980 to Sep 1982.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 810.00 ft above sea level. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good except those below 2.0 ft^3/s, which are fair. Since installation of gage in 1980 at least 10% the contributing drainage area has been regulated by Lake Weatherford (station 08045800, conservation pool storage 18,650 acre-ft), 2.8 mi upstream. No known diversions. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.57	.64	.59	1.0	1.1	.71	.81	6.6	.84	12	.64	.69
2	.57	.48	.73	1.3	1.0	.68	.79	.58	.86	7.5	.58	.72
3	.56	.56	.75	1.1	.81	.64	.43	8.3	3.4	4.2	.53	.67
4	.56	.76	.95	.93	.79	.63	.52	3.6	20	3.3	.55	.64
5	.57	.61	1.1	1.1	.95	.73	.48	3.3	9.0	1.7	.56	.66
6	.73	.58	1.1	1.1	1.1	.91	.35	3.4	2.4	1.0	.55	.60
7	.55	.59	1.1	2.0	.92	.97	.33	3.1	1.6	.91	.57	.64
8	.54	.56	1.3	2.3	1.0	1.1	.24	3.1	1.5	.82	.56	.66
9	.54	.52	1.3	1.1	1.1	.80	.37	3.0	1.4	.94	.62	.75
10	.53	.55	.67	.76	1.3	1.1	.38	2.1	1.6	.89	.65	.74
11	.58	.62	5.3	.69	1.1	.83	1.1	1.1	6.2	.71	.60	.77
12	.60	.55	14	.76	.99	.84	.91	1.0	7.1	.67	.59	.83
13	.57	.55	.89	.70	1.0	.83	.39	.87	2.7	.64	.61	.83
14	.56	.56	.76	.69	.87	.83	.50	.79	1.8	.99	.59	.84
15	.52	.59	.76	.96	.99	.83	.59	.94	2.1	.69	.60	.77
16	.59	.64	.86	1.1	.91	.90	.65	.95	1.9	.63	.60	.67
17	.63	.58	1.0	.85	.78	.82	.44	.90	2.4	.59	.59	.69
18	.79	.61	.95	.69	.71	.85	.48	.81	4.7	.56	.54	.63
19	.61	.75	.89	.63	.67	1.3	.46	1.5	6.0	.56	.54	.62
20	.53	.69	.85	.78	.67	.63	.48	1.4	3.1	.47	.54	.57
21	.53	1.1	.88	.74	.71	.67	.54	.82	2.0	.48	.55	.59
22	.51	.91	1.0	.84	1.3	.85	.79	1.0	1.7	.49	.53	.63
23	.50	.84	.85	.76	1.6	1.5	1.0	.67	1.2	.53	.56	.64
24	.48	.88	.90	.69	.64	.86	1.1	.76	1.2	.53	.58	.77
25	.52	.80	1.1	.69	.68	.86	1.9	.79	1.3	.53	.58	.78
26	.51	.86	.98	.69	.93	6.2	1.4	.86	1.2	.53	.82	.68
27	.50	.59	1.0	1.2	.89	.43	2.6	1.7	1.3	.55	.60	.70
28	.57	.58	.95	1.0	.98	.98	2.6	1.4	12	.57	.61	.70
29	.60	.58	1.1	.94	.87	.82	3.5	.81	18	.61	.67	.64
30	1.3	.57	1.1	.87	---	.42	5.6	.95	18	.62	.59	.58
31	.60	---	1.0	.85	---	.41	---	.91	---	.63	.61	---
TOTAL	18.32	19.70	46.71	29.81	27.36	30.93	31.73	58.01	138.50	45.84	18.31	20.70
MEAN	.59	.66	1.51	.96	.94	1.00	1.06	1.87	4.62	1.48	.59	.69
MAX	1.3	1.1	14	2.3	1.6	6.2	5.6	8.3	20	12	.82	.84
MIN	.48	.48	.59	.63	.64	.41	.24	.58	.84	.47	.53	.57
AC-FT	36	39	93	59	54	61	63	115	275	91	36	41

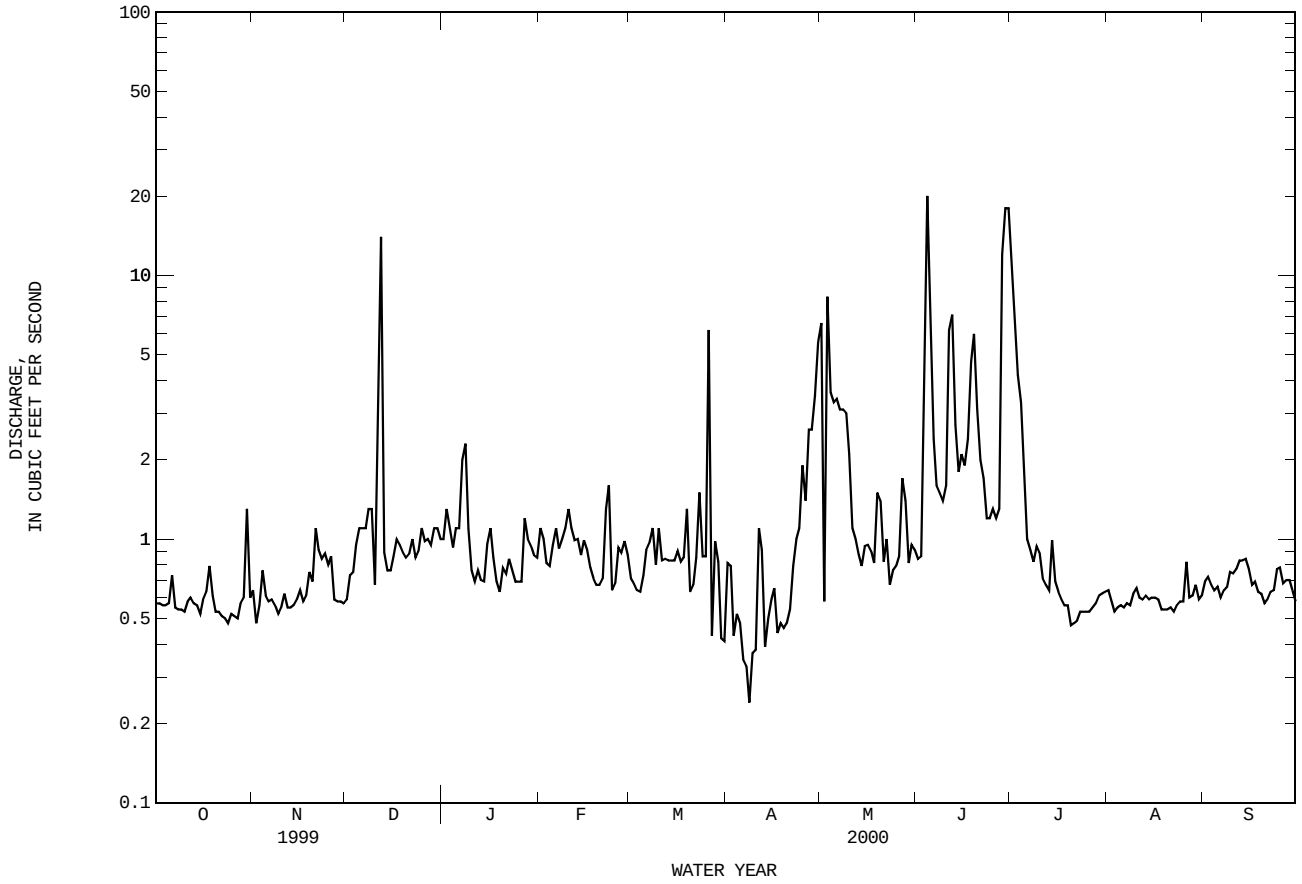
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2000h, BY WATER YEAR (WY)

MEAN	33.8	38.3	30.9	15.2	34.8	36.4	43.5	69.9	50.0	9.49	4.10	2.93
MAX	294	341	384	110	215	134	399	418	509	75.7	12.8	9.57
(WY)	1982	1982	1992	1992	1997	1997	1990	1989	1989	1982	1997	1994
MIN	.59	.51	.000	.96	.94	1.00	1.06	.71	.46	.032	.000	.053
(WY)	2000	1985	1991	2000	2000	2000	2000	1984	1998	1998	1998	1998

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1980 - 2000h	
ANNUAL TOTAL	1832.71		485.92			
ANNUAL MEAN	5.02		1.33		31.6	
HIGHEST ANNUAL MEAN					106	1982
LOWEST ANNUAL MEAN					.91	1984
HIGHEST DAILY MEAN	224	May 30	20	Jun 4	3180	Apr 27 1990
LOWEST DAILY MEAN	.48	Oct 24	.24	Apr 8	.00	Sep 12 1984
ANNUAL SEVEN-DAY MINIMUM	.51	Oct 21	.38	Apr 4	.00	Dec 26 1987
INSTANTANEOUS PEAK FLOW			55	Dec 11	3810	Apr 27 1990
INSTANTANEOUS PEAK STAGE			8.58	Dec 11	22.07	Apr 27 1990
INSTANTANEOUS LOW FLOW					.00	Sep 12 1984
ANNUAL RUNOFF (AC-FT)	3640		964		22890	
10 PERCENT EXCEEDS	5.5		2.0		44	
50 PERCENT EXCEEDS	1.2		.77		2.8	
90 PERCENT EXCEEDS	.56		.53		.19	

h see PERIOD OF RECORD paragraph

08045850 CLEAR FORK TRINITY RIVER NEAR WEATHERFORD, TX--Continued



08046500 BENBROOK LAKE NEAR BENBROOK, TX

LOCATION.--Lat 32°39'02", long 97°26'54", Tarrant County, Hydrologic Unit 12030102, in intake structure of Benbrook Dam on Clear Fork Trinity River, 2.5 mi south of Benbrook, 3.5 mi upstream from Marys Creek and 14.6 mi upstream from mouth.

DRAINAGE AREA.--429 mi^2.

PERIOD OF RECORD.--Sep 1952 to current year. Prior to Oct 1970, published as "Benbrook Reservoir".

REVISED RECORDS.--WSP 1922: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite telemeter at station.

REMARKS.--The lake is formed by a rolled earthfill dam 9,130 ft long, including a 500-foot uncontrolled off-channel concrete-gravity spillway with a 100-foot notch in center of ogee weir section. The outlet works consist of a 13.0-foot-diameter concrete conduit controlled by two 6.5 x 13.0-foot broome-type gates and two 30-inch steel pipes controlled by slide gates. Deliberate impoundment began Sep 29, 1952. From Aug 1950 to Sep 28, 1952, the lake was operated as a detention basin only. The capacity table is based on a survey made in 1945. The lake was built for flood control, navigation and low-flow regulation. Inflow is affected at times by the discharge from flood-detention pools of 12 floodwater-retarding structures with a combined detention capacity of 11,170 acre-ft. These structures control runoff from 37.6 mi^2. Conservation pool storage is 85,650 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	747.0
Crest of spillway	724.0
Crest of notch in spillway	710.0
Top of conservation storage	693.3
Crest of intake to wet wells (inverts)	656.0
Lowest gated outlet (invert)	622.0

COOPERATION.--Record of contents furnished by the U.S. Army Corps of Engineers and reviewed by the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 212,200 acre-ft, May 3, 1990, elevation, 717.54 ft; minimum since lake first filled in 1957, 57,990 acre-ft, Sep 30, 1999, elevation, 685.03 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 114,600 acre-ft, Jun 5, elevation, 700.35 ft; minimum contents, 50,780 acre-ft, Sep 30, elevation, 682.50 ft.

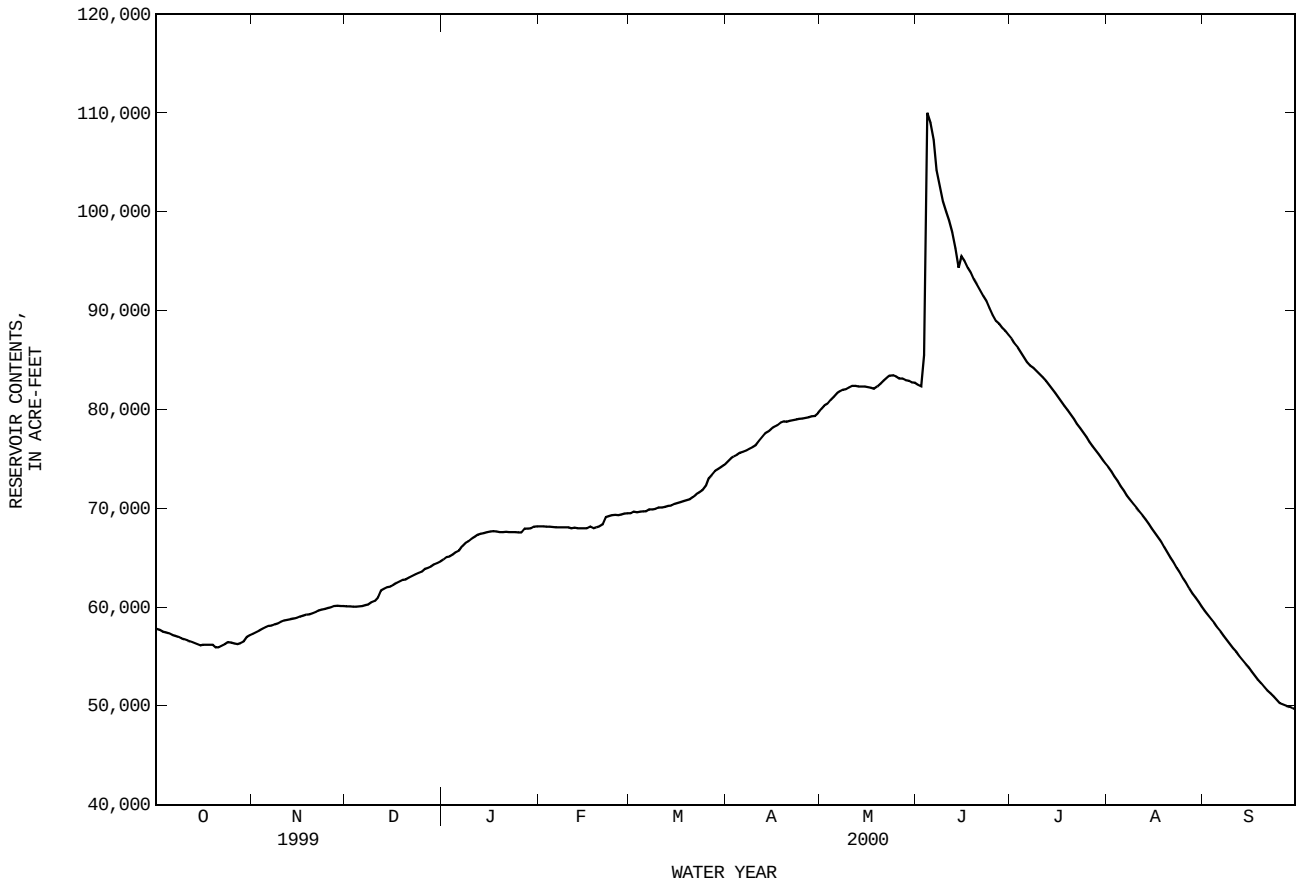
RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57810	57290	60060	64790	68150	69490	74710	80040	82470	87140	74140	59590
2	57700	57440	60060	65030	68150	69650	75010	80350	82290	86660	73700	59150
3	57520	57610	60030	65130	68120	69580	75220	80560	85490	86250	73210	58740
4	57440	57810	60030	65310	68120	69650	75390	80950	110000	85740	72740	58360
5	57350	57960	60060	65530	68090	69680	75590	81270	109000	85230	72220	57900
6	57180	58070	60090	65680	68060	69680	75690	81580	107300	84760	71760	57490
7	57090	58130	60180	66150	68060	69870	75830	81830	104200	84400	71260	57060
8	57000	58250	60270	66460	68060	69870	76000	81970	102600	84180	70840	56630
9	56830	58330	60480	66640	68060	69940	76170	82040	101000	83860	70420	56260
10	56740	58510	60630	66900	68060	70070	76340	82220	99990	83580	70040	55830
11	56600	58650	60980	67080	67960	70070	76820	82360	99110	83250	69650	55460
12	56480	58710	61640	67300	68030	70130	77160	82360	97900	82900	69260	54980
13	56370	58770	61850	67400	67960	70230	77540	82290	96300	82470	68850	54610
14	56260	58830	62000	67490	67960	70260	77740	82290	94310	82080	68370	54240
15	56110	58890	62060	67580	67960	70420	78020	82290	95480	81650	67930	53880
16	56170	59030	62240	67650	67960	70520	78230	82260	94990	81200	67490	53440
17	56170	59120	62420	67680	68120	70620	78400	82180	94310	80740	67020	53050
18	56170	59210	62600	67650	67960	70710	78640	82080	93780	80320	66580	52630
19	56170	59240	62750	67580	68060	70810	78780	82290	93140	79900	66050	52270
20	55910	59360	62780	67580	68150	70910	78750	82610	92590	79440	65500	51860
21	55910	59470	62960	67620	68340	71140	78850	82930	92030	78990	64940	51560
22	56080	59650	63140	67580	69100	71400	78920	83180	91440	78500	64450	51260
23	56260	59740	63290	67580	69200	71590	78960	83400	90930	78090	63960	50940
24	56430	59800	63420	67580	69300	71820	79020	83430	90230	77640	63480	50580
25	56400	59920	63570	67550	69330	72250	79060	83320	89530	77190	62870	50260
26	56310	59980	63840	67550	69300	73010	79130	83110	88960	76710	62390	50130
27	56260	60090	63960	67930	69360	73370	79200	83110	88650	76240	61880	49990
28	56340	60120	64080	67930	69460	73770	79300	82970	88270	75830	61370	49880
29	56510	60090	64300	67960	69490	73940	79340	82900	87930	75420	60950	49780
30	56940	60090	64420	68120	---	74140	79620	82720	87510	74980	60480	49620
31	57150	---	64600	68150	---	74370	---	82680	---	74540	60030	---
MAX	57810	60120	64600	68150	69490	74370	79620	83430	110000	87140	74140	59590
MIN	55910	57290	60030	64790	67960	69490	74710	80040	82290	74540	60030	49620
(+)	684.73	685.72	687.17	688.27	688.68	690.14	691.64	692.49	693.80	690.19	685.70	682.08
(@)	-840	+2940	+4510	+3550	+1340	+4880	+5250	+3060	+4830	-12970	-14510	-10410

CAL YR 1999 MAX 92880 MIN 55910 (@) -15500
WTR YR 2000 MAX 110000 MIN 49620 (@) -8370

(+) Elevation, in feet, at end of month.
(@) Change in Contents, in acre-feet.

08046500 BENBROOK LAKE NEAR BENBROOK, TX--Continued



08047000 CLEAR FORK TRINITY RIVER NEAR BENBROOK, TX

LOCATION.--Lat 32°39'54", long 97°26'30", Tarrant County, Hydrologic Unit 12030102, on left bank 1.5 mi downstream from Benbrook Dam, 1.7 mi southeast of Benbrook, 2.9 mi upstream from Marys Creek and 13.1 mi upstream from mouth.

DRAINAGE AREA.--431 mi^2.

PERIOD OF RECORD.--Jul 1947 to current year.

REVISED RECORDS.--WDR TX-89-1: 1988.

GAGE.--Water-stage recorder. Datum of gage is 604.22 ft above sea level. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since water year 1953, at least 10% of contributing drainage area has been regulated by Benbrook Lake (station 08046500, conservation pool storage 85,650 acre-ft), 1.5 mi upstream. There is a diversion 1.0 mi upstream for Pecan Valley Golf Course. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--5 years (water years 1948-52) prior to regulation by Benbrook Lake, 105 ft^3/s (76,070 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS 1948-52).--Maximum discharge, c82,900 ft^3/s May 17, 1949 (gage height, 28.72 ft); no flow at times most years. Maximum stage since at least 1922, that of May 17, 1949.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	2.6	2.5	3.2	2.0	83	4.3	6.3	11	28	7.5	46
2	2.5	2.7	2.6	3.0	2.0	101	2.3	2.1	11	28	6.8	46
3	2.4	2.9	2.8	3.1	2.0	101	2.4	2.6	25	18	7.2	46
4	2.4	2.8	2.6	3.0	2.0	101	3.2	2.2	189	10	7.0	46
5	2.5	4.2	2.7	3.0	2.0	99	2.3	2.4	501	9.4	7.4	46
6	2.4	4.6	2.5	2.8	2.0	71	2.2	2.3	1350	8.0	7.1	45
7	2.8	6.0	2.5	4.1	1.9	46	2.3	3.3	1620	7.9	7.6	46
8	9.6	6.1	2.7	3.8	1.9	48	2.1	3.1	1180	7.8	7.4	45
9	15	6.4	3.1	2.2	2.1	48	2.1	2.8	837	7.8	7.4	46
10	15	6.6	2.4	2.1	2.1	51	2.2	3.5	853	7.6	7.3	46
11	14	6.9	4.3	1.9	1.9	47	4.8	3.3	819	7.8	6.5	46
12	11	5.7	5.6	2.2	1.8	47	4.4	3.2	811	7.8	7.0	46
13	4.4	4.9	1.8	2.4	2.0	47	1.9	3.4	806	7.8	6.4	46
14	4.6	4.1	1.8	2.6	2.3	33	1.8	3.0	806	7.8	14	46
15	4.3	3.8	2.0	2.5	2.5	3.8	1.8	3.1	593	7.6	53	47
16	4.2	3.2	2.5	2.5	2.3	3.7	1.9	3.0	230	7.5	52	47
17	5.0	2.8	3.5	2.5	2.4	3.1	1.8	3.2	311	7.5	51	47
18	5.4	2.3	4.6	2.6	2.4	3.1	3.6	3.5	305	7.4	51	46
19	4.9	1.7	4.7	2.2	2.4	3.5	2.9	5.1	303	7.6	51	48
20	4.3	2.5	4.2	2.4	2.4	3.1	2.5	3.4	219	7.4	50	56
21	3.8	2.5	3.4	2.5	2.2	4.6	2.6	2.9	136	7.8	51	60
22	3.3	3.8	3.4	2.2	7.6	4.5	2.8	2.5	116	7.6	50	59
23	3.3	3.4	3.1	2.5	18	4.1	2.6	2.2	113	7.6	50	60
24	4.4	2.8	3.3	2.5	53	3.6	2.5	15	109	7.7	49	62
25	3.6	3.1	3.4	2.5	56	4.0	2.4	11	108	7.6	49	61
26	4.1	2.8	3.3	2.4	61	15	2.2	11	86	7.8	48	62
27	4.5	2.5	3.1	3.5	71	3.4	2.5	11	72	7.8	47	62
28	4.8	2.7	3.0	2.2	81	13	2.0	11	72	7.6	47	62
29	4.9	2.6	2.9	2.0	70	3.9	2.3	11	71	8.0	46	63
30	10	2.6	3.4	2.0	---	3.4	2.8	10	60	8.1	46	63
31	3.2	---	3.2	2.0	---	3.2	---	10	---	7.6	46	---
TOTAL	169.0	111.6	96.9	80.4	462.2	1006.0	77.5	162.4	12723	293.9	943.6	1547
MEAN	5.45	3.72	3.13	2.59	15.9	32.5	2.58	5.24	424	9.48	30.4	51.6
MAX	15	6.9	5.6	4.1	81	101	4.8	15	1620	28	53	63
MIN	2.4	1.7	1.8	1.9	1.8	3.1	1.8	2.1	11	7.4	6.4	45
AC-FT	335	221	192	159	917	2000	154	322	25240	583	1870	3070

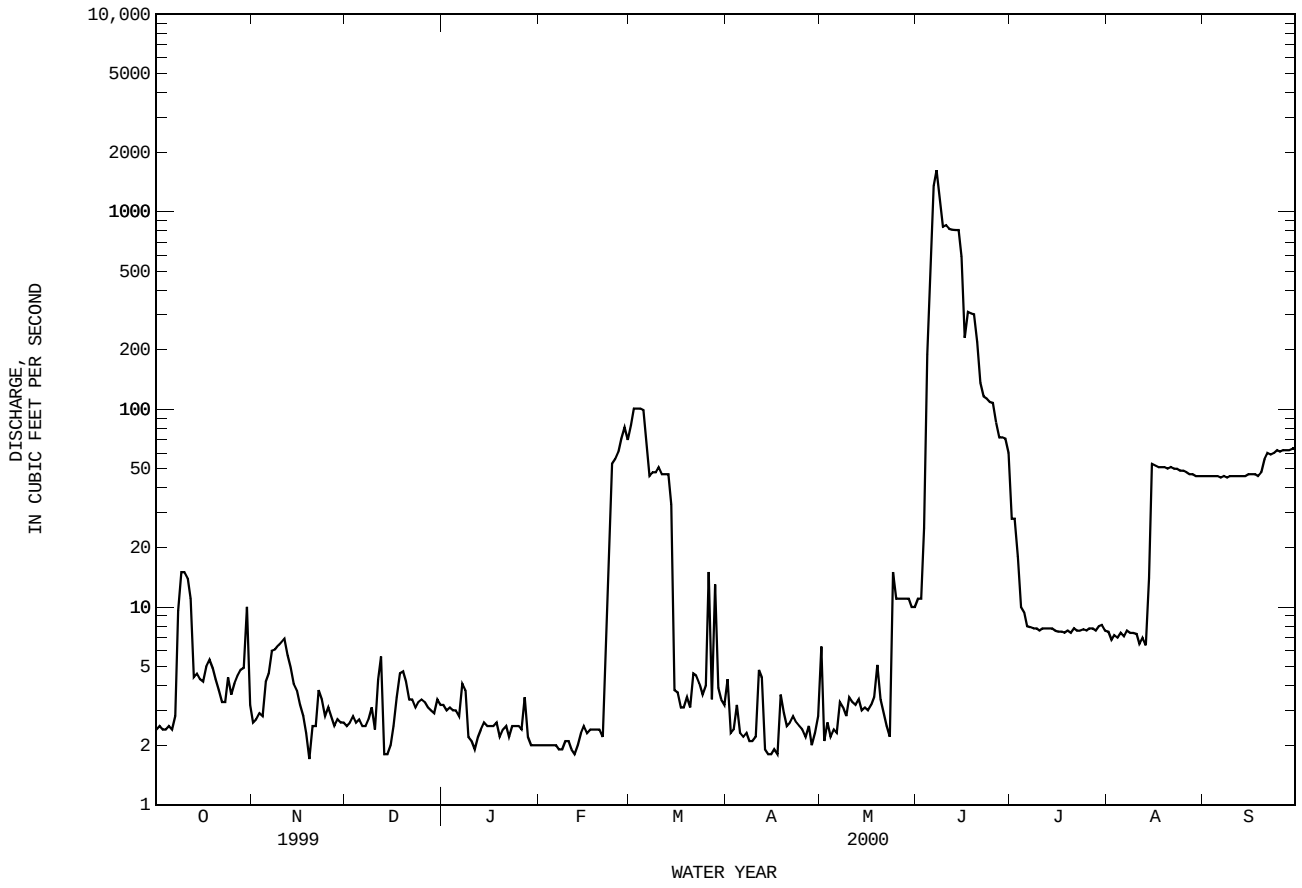
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2000z, BY WATER YEAR (WY)

MEAN	23.1	91.6	59.0	82.4	87.9	168	110	223	214	59.0	24.9	18.1
MAX	215	1479	680	1845	792	1734	881	2351	1804	1070	198	164
(WY)	1994	1992	1992	1992	1992	1997	1977	1990	1957	1989	1979	1962
MIN	.000	.053	.042	.000	.000	.13	.10	.000	.000	.029	.000	.000
(WY)	1953	1971	1954	1953	1953	1953	1959	1959	1953	1953	1953	1953

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1953 - 2000z	
ANNUAL TOTAL	4627.50		17673.5			
ANNUAL MEAN	12.7		48.3		96.8	
HIGHEST ANNUAL MEAN					514	1992
LOWEST ANNUAL MEAN					.27	1953
HIGHEST DAILY MEAN	404	Jun 3	1620	Jun 7	6320	May 3 1990
LOWEST DAILY MEAN	.16	May 13	1.7	Nov 19	.00	Oct 1 1952
ANNUAL SEVEN-DAY MINIMUM	.21	May 18	2.0	Feb 6	.00	Oct 1 1952
INSTANTANEOUS PEAK FLOW			1960	Jun 4	67400	May 3 1990
INSTANTANEOUS PEAK STAGE			7.51	Jun 4	14.71	May 3 1990
ANNUAL RUNOFF (AC-FT)	9180		35060		70110	
10 PERCENT EXCEEDS	46		63		195	
50 PERCENT EXCEEDS	2.5		4.4		6.6	
90 PERCENT EXCEEDS	.36		2.2		.10	

c From rating curve extended above 11,000 ft^3/s on basis of velocity-area studies and slope-area measurement of 82,900 ft^3/s.
z Period of regulated streamflow.

08047000 CLEAR FORK TRINITY RIVER NEAR BENBROOK, TX--Continued



08047050 MARY'S CREEK AT BENBROOK, TX

LOCATION.--Lat 32°41'44", long 97°15'53", Tarrant County, Hydrologic Unit 12030102, near left end of upstream side of bridge, 0.75 mi north of IH-20 on Wiscott Road in Benbrook, and 0.25 mi upstream from confluence with Clear Fork Trinity River.

DRAINAGE AREA.--24 mi^2.

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 604.97 ft above sea level. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. No known regulation. Low flow is affected at times by diversions from small dams upstream. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft^3/s:

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jun 4	0100	20,300	16.66	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

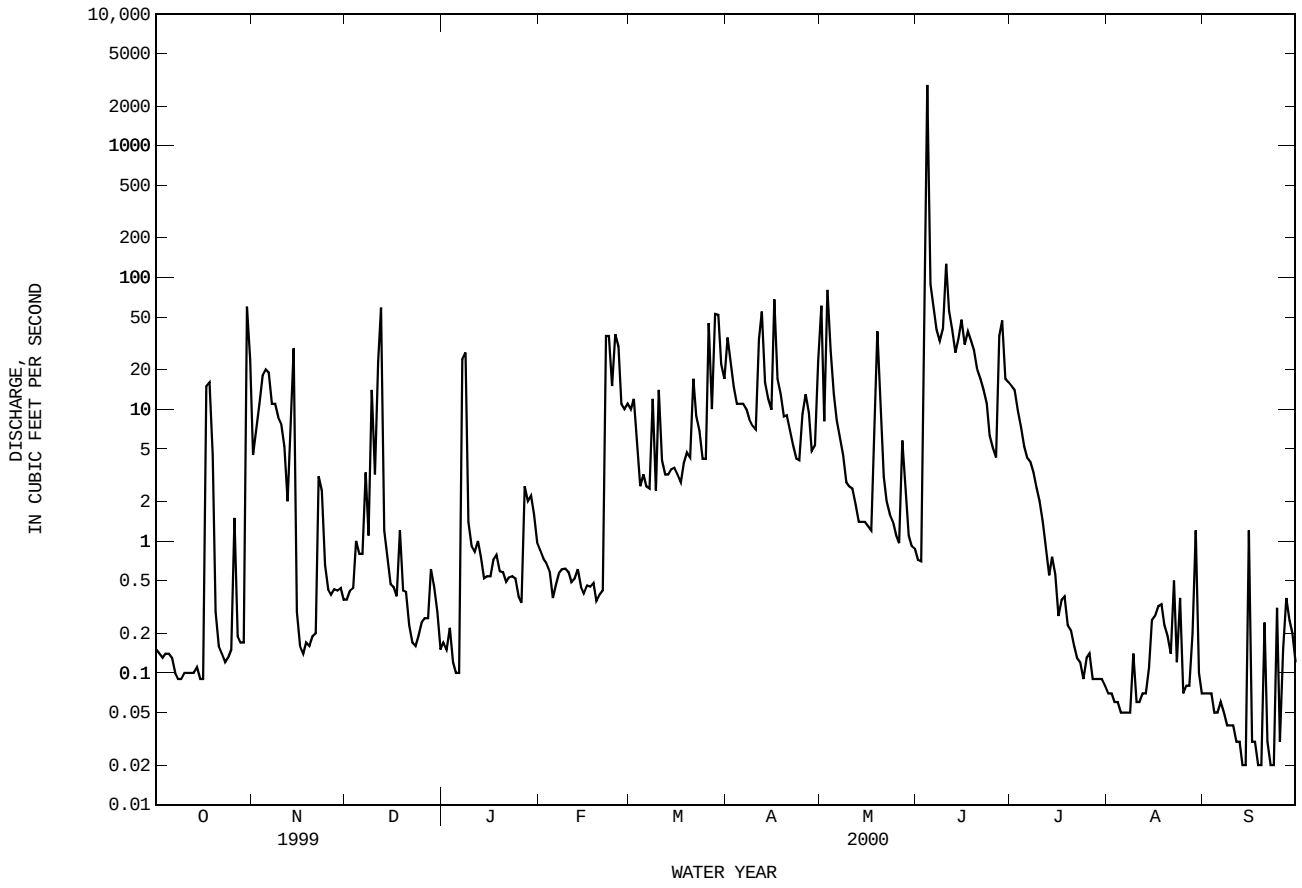
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.15	4.5	.36	.17	.85	10	35	61	.72	15	.07	.07
2	.14	7.2	.42	.15	.73	12	23	8.1	.70	14	.07	.07
3	.13	11	.44	.22	.68	5.9	15	80	110	9.8	.06	.07
4	.14	18	1.0	.12	.59	2.6	11	28	2880	7.3	.06	.05
5	.14	20	.80	.10	.37	3.2	11	13	89	5.2	.05	.05
6	.13	19	.80	.10	.47	2.6	11	8.3	58	4.3	.05	.06
7	.10	11	3.3	24	.57	2.5	10	6.1	40	4.0	.05	.05
8	.09	11	1.1	27	.61	12	8.4	4.5	33	3.3	.05	.04
9	.09	8.7	14	1.4	.62	2.4	7.5	2.8	41	2.5	.14	.04
10	.10	7.8	3.2	.92	.58	14	7.0	2.6	127	2.0	.06	.04
11	.10	5.2	23	.83	.49	4.1	34	2.5	56	1.4	.06	.03
12	.10	2.0	59	1.0	.52	3.2	55	1.9	40	.88	.07	.03
13	.10	6.3	1.2	.76	.61	3.2	16	1.4	27	.55	.07	.02
14	.11	29	.73	.52	.45	3.5	12	1.4	35	.76	.11	.02
15	.09	.29	.47	.54	.40	3.6	9.9	1.4	48	.56	.25	1.2
16	.09	.16	.45	.54	.46	3.2	68	1.3	31	.27	.27	.03
17	15	.14	.38	.72	.45	2.8	17	1.2	39	.36	.32	.03
18	16	.17	1.2	.78	.48	3.9	13	4.1	33	.38	.33	.02
19	4.5	.16	.42	.59	.35	4.7	8.8	39	28	.23	.23	.02
20	.29	.19	.41	.58	.39	4.3	9.0	11	20	.21	.19	.24
21	.16	.20	.23	.49	.42	17	6.9	3.1	17	.16	.14	.03
22	.14	3.1	.17	.53	36	8.9	5.3	2.0	14	.13	.50	.02
23	.12	2.4	.16	.54	36	6.9	4.2	1.6	11	.12	.12	.02
24	.13	.66	.19	.52	15	4.2	4.1	1.4	6.3	.09	.37	.31
25	.15	.43	.24	.38	37	4.2	9.2	1.1	5.1	.13	.07	.03
26	1.5	.39	.26	.34	30	45	13	.96	4.3	.14	.08	.15
27	.19	.43	.26	2.6	11	10	9.4	5.8	36	.09	.08	.37
28	.17	.42	.61	2.0	10	53	4.8	2.7	47	.09	.20	.25
29	.17	.44	.45	2.2	11	52	5.3	1.1	17	.09	1.2	.20
30	60	.36	.29	1.6	---	22	23	.92	16	.09	.10	.12
31	24	---	.15	.98	---	17	---	.88	---	.08	.07	---
TOTAL	124.32	170.64	115.69	73.22	197.09	343.9	466.8	301.16	3910.12	74.21	5.49	3.68
MEAN	4.01	5.69	3.73	2.36	6.80	11.1	15.6	9.71	130	2.39	.18	.12
MAX	60	29	59	27	37	53	68	80	2880	15	1.2	1.2
MIN	.09	.14	.15	.10	.35	2.4	4.1	.88	.70	.08	.05	.02
AC-FT	247	338	229	145	391	682	926	597	7760	147	11	7.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	5.27	7.30	6.92	7.15	9.32	13.1	15.2	48.6	58.2	2.82	.24	.84
MAX	6.53	8.91	10.1	11.9	11.9	15.0	15.6	87.5	130	5.86	.31	1.36
(WY)	1999	1999	1999	1999	1999	1999	2000	1999	2000	1999	1998	1999
MIN	4.01	5.69	3.73	2.36	6.80	11.1	14.8	9.71	1.33	.21	.18	.12
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	1998	1998	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	6253.94		5786.32			
ANNUAL MEAN	17.1		15.8		17.0	
HIGHEST ANNUAL MEAN					18.2	1999
LOWEST ANNUAL MEAN					15.8	2000
HIGHEST DAILY MEAN	1460	May 30	2880	Jun 4	2880	Jun 4 2000
LOWEST DAILY MEAN	.09	Jul 31	.02	Sep 13	.00	Aug 21 1998
ANNUAL SEVEN-DAY MINIMUM	.09	Aug 27	.03	Sep 8	.00	Aug 20 1998
INSTANTANEOUS PEAK FLOW			20300	Jun 4	20300	Jun 4 2000
INSTANTANEOUS PEAK STAGE			16.66	Jun 4	16.66	Jun 4 2000
ANNUAL RUNOFF (AC-FT)	12400		11480		12300	
10 PERCENT EXCEEDS	35		27		28	
50 PERCENT EXCEEDS	4.2		.87		1.5	
90 PERCENT EXCEEDS	.11		.08		.07	

08047050 MARY'S CREEK AT BENBROOK, TX--Continued



08047500 CLEAR FORK TRINITY RIVER AT FORT WORTH, TX

LOCATION.--Lat 32°43'56", long 97°21'31", Tarrant County, Hydrologic Unit 12030102, at Fort Worth pumping station on left bank, 240 ft upstream from the Texas and Pacific Railway Co. bridge in Fort Worth, 830 ft upstream from East West Expressway bridge, 2.5 mi upstream from mouth, 5.0 mi downstream from Marys Creek and 10.0 mi downstream from Benbrook Dam.

DRAINAGE AREA.--518 mi^2.

PERIOD OF RECORD.--Mar 1924 to current year.

REVISED RECORDS.--WSP 1392: 1924-25, 1927. WSP 1922: Drainage area.

GAGE.--Water-stage recorder, crest-stage gage and concrete control. Datum of gage is 532.91 ft above sea level. Prior to Apr 3, 1970, various nonrecording and recording gages were located within 650 ft of present site at different datums. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since Sep 1952, at least 10% of contributing drainage area has been regulated by Benbrook Lake (station 08046500, conservation pool storage 85,650 acre-ft) 10 mi upstream. The city of Fort Worth diverted water from pool at gage during the current year. The Benbrook Water and Sewage Authority diverted water from the river upstream from station during the current year for municipal use. No flow at times. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--28 years (water years 1925-52) prior to regulation by Benbrook Lake, 112 ft^3/s (81,140 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS 1925-52).--Maximum discharge, 107,000 ft^3/s, May 17, 1949, gage height, 28.20 ft, present datum, from rating curve extended above 16,000 ft^3/s on basis of contracted-opening measurement of 107,000 ft^3/s; no flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr 25, 1922, reached a stage of 27.5 ft, present datum, discharge, 74,300 ft^3/s, by slope-area measurement of peak flow; data furnished by Fort Worth city engineer. Maximum stage since at least 1900, that of May 17, 1949, at present datum.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	17	4.1	9.2	17	17	55	226	13	33	3.2	7.4
2	1.3	10	5.7	9.1	15	30	34	25	13	31	1.9	8.2
3	4.2	7.8	6.3	11	15	43	19	73	68	27	2.5	11
4	1.9	7.6	6.8	9.2	13	44	15	40	3860	17	2.4	8.1
5	.83	6.9	5.8	9.3	14	46	14	23	373	15	1.9	9.0
6	1.0	6.9	6.5	9.3	13	41	12	18	1110	11	1.4	6.4
7	.94	6.3	7.6	51	13	14	9.4	14	1420	9.0	.93	6.2
8	.65	6.9	9.3	121	12	23	7.9	11	1040	9.6	.58	6.7
9	2.1	5.8	37	21	12	12	7.8	9.7	688	9.2	.34	8.6
10	13	6.7	17	18	12	52	8.2	8.3	1180	9.7	.51	9.5
11	15	6.9	32	22	11	22	87	8.3	744	9.1	.65	9.8
12	12	8.8	302	16	12	13	113	7.5	710	6.5	1.7	6.6
13	7.6	6.6	26	15	12	11	23	5.2	692	6.6	2.0	5.7
14	2.8	8.0	15	15	12	25	16	6.6	779	5.2	2.1	6.1
15	2.4	9.2	12	14	12	22	14	6.9	658	6.1	7.7	4.5
16	2.9	8.7	12	14	12	11	119	7.2	136	5.1	7.3	6.4
17	22	8.6	14	14	12	10	21	4.8	295	4.0	8.8	6.8
18	26	7.5	19	12	13	12	16	8.1	234	2.6	7.4	7.0
19	33	6.2	17	13	11	12	15	63	253	2.7	9.2	5.7
20	12	4.9	15	15	11	9.2	10	45	196	2.3	6.7	5.4
21	8.7	5.7	14	14	11	32	8.5	17	110	2.9	8.1	9.0
22	6.4	8.6	13	14	179	35	9.7	11	83	2.4	9.1	9.4
23	6.5	27	13	14	142	21	9.7	6.7	81	3.5	7.6	9.5
24	4.9	9.8	11	12	62	18	7.7	4.4	77	3.5	5.8	20
25	6.6	7.1	10	11	66	13	8.5	19	73	2.3	6.5	21
26	4.2	6.3	11	11	31	116	9.4	20	64	2.3	8.5	19
27	3.4	6.3	11	66	26	24	11	24	92	1.6	7.5	18
28	4.1	5.9	9.6	32	23	153	11	32	88	2.2	8.0	17
29	4.3	5.0	9.2	19	20	81	9.1	25	53	2.8	6.3	16
30	176	4.2	8.8	19	---	23	14	19	48	2.8	7.4	17
31	31	---	9.0	18	---	17	---	16	---	3.3	7.3	---
TOTAL	419.32	243.2	689.7	648.1	814	1002.2	714.9	804.7	15231	251.3	151.31	301.0
MEAN	13.5	8.11	22.2	20.9	28.1	32.3	23.8	26.0	508	8.11	4.88	10.0
MAX	176	27	302	121	179	153	119	226	3860	33	9.2	21
MIN	.65	4.2	4.1	9.1	11	9.2	7.7	4.4	13	1.6	.34	4.5
AC-FT	832	482	1370	1290	1610	1990	1420	1600	30210	498	300	597

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2000z, BY WATER YEAR (WY)

MEAN	57.0	110	88.4	112	132	233	171	314	266	73.4	31.6	31.1
MAX	353	1555	1118	2198	1019	1838	1012	3020	2219	1300	247	245
(WY)	1994	1992	1992	1992	1992	1997	1977	1990	1989	1989	1979	1962
MIN	.000	.84	1.68	2.28	2.84	.91	3.12	3.41	.27	.75	.54	.28
(WY)	1953	1955	1979	1957	1953	1956	1954	1959	1953	1954	1954	1954