

TEXAS WATER COMMISSION

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CIRCULAR NO. 62-04

TEXAS

INDEX OF SURFACE WATER RECORDS

1882-1961

Discharge, Sediment, Chemical Quality
and Water Temperature

Prepared by the U. S. Geological Survey for
the Texas Water Commission

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T E X A S
I N D E X O F S U R F A C E W A T E R R E C O R D S
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Discharge, Sediment, Chemical Quality
and Water Temperature

INTRODUCTION

The purpose of this report is to provide a convenient index of basic data on Texas streams and reservoirs during the years 1882 to 1961. Included are records of streamflow, stage, reservoir contents, temperature, chemical quality, and sediment load. These records have been collected on a continuous or periodic basis at stations maintained by the U. S. Geological Survey in cooperation with the Texas Water Commission [formerly the Texas Board of Water Engineers] and other agencies. This report revises and brings up-to-date Board of Water Engineers Bulletin 5807-B, "Texas Index of Surface Water Records 1882-1957," prepared by the Geological Survey in November 1958 for the Texas Board of Water Engineers.

The first streamflow station in Texas was established by the Geological Survey on the Rio Grande at El Paso in 1889. A few miscellaneous records of streamflow were collected prior to that time. In 1897 a systematic study was begun by the Geological Survey on some central Texas streams; however, not until 1915, when the Texas Legislature appropriated funds for stream-measurement investigations by the Board of Water Engineers, was a substantial beginning made toward the systematic collection of streamflow records. In the same year the Board of Water Engineers entered into an agreement with the Geological Survey for cooperative investigations of the water resources of the State. These cooperative investigations have continued to date.

In recent years, water-resource investigations have expanded under the Texas Water Commission-U. S. Geological Survey cooperative program and through cooperation with the Corps of Engineers, U. S. Army; the Bureau of Reclamation, U. S. Department of Interior; the Soil Conservation Service, U. S. Department of Agriculture; and several River Authorities and other political subdivisions of the State of Texas.

The Weather Bureau, U. S. Department of Commerce, maintains a network of river-stage stations for flood-forecasting operations. Such stations common to the Weather Bureau and the Geological Survey are maintained and operated jointly for the sake of efficiency and economy. At some of the stations, records of stage collected by the Weather Bureau extend beyond the period of discharge records collected by the Geological Survey. This index includes such Weather Bureau records even though they are published only in official publications of the Weather Bureau.

Subsequent to July 1931 the International Boundary and Water Commission, United States and Mexico, assumed the operation of all streamflow stations on the Rio Grande below El Paso and near the mouth of its tributaries. Records collected by that agency are published in its annual series of Water Bulletins. These records are included in this index.

The Geological Survey is the principal Federal agency that collects and publishes basic data on streamflow, stage, chemical quality, water temperature, and reservoir content of Texas streams. These data, with exceptions, have been published in the annual Water-Supply Paper series of the Geological Survey and in special reports of the Texas Water Commission and the Geological Survey.

Data contained in this report were compiled principally from official publications and files of the Texas Water Commission, Geological Survey, Weather Bureau, and International Boundary and Water Commission, United States and Mexico.

EXPLANATION

The index lists the stations in downstream order and shows graphically the periods for which records of streamflow, stage, chemical quality, water temperature, reservoir content, and sediment load are available.

Station names are those given in the most recent publications. As an added means of identification, each gaging station and partial-record station has been assigned a permanent station number. In assigning station numbers, no distinction is made between partial-record stations and continuous-record stations, so that the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Gaps are left in the numbers to allow for new stations that may be established; hence the numbers are not consecutive. Parentheses around part of a station name indicate that the enclosed words were used in an earlier publication.

Breaks of less than twelve months in the period of record are not shown. No attempt was made to identify partial years at the beginning or ending of a period of record, but any year having a partial record is shown in the index. No indication is made as to whether a record is continuous or periodic, or as to its accuracy. The primary intent is to show that certain types of records are available for the locations for the indicated periods.

Records of streamflow, chemical quality, sediment, and temperature, except records subsequent to July 1, 1931, for the Rio Grande and lower stations on its tributaries, are found in publications or files of the Texas Water Commission and the U. S. Geological Survey.

Records of streamflow, chemical quality, sediment, and temperature, subsequent to 1931, for the Rio Grande and for lower stations on its tributaries are found in publications or files of the International Boundary and Water Commission.

Records of river stage are found in publications and files of the Weather Bureau.

Compilation of the index was made from the Geological Survey's Surface Water district office files and the following publications:

Texas Index of Surface Water Records 1882-1957, Texas Board of Water
Engineers Bulletin 5807-B.

Index of Surface Water Records, U. S. Geological Survey Circulars Nos. 387 and 388.

Inventory of Published and Unpublished Chemical Analyses of Surface Waters in the Western United States, 1947-55, compiled under auspices of Subcommittee on Hydrology Inter-Agency Committee on Water Resources, Sept. 1956.

Inventory of Published and Unpublished Sediment-Load Data in the United States, 1946-50, compiled under the auspices of Subcommittee on Sedimentation, Federal Inter-Agency River Basin Committee, April 1952.

Silt Load of Texas Streams, A Compilation Report, June 1889-September 1959, Texas Board of Water Engineers Bulletin 6108.

Inventory of Surface Water Records for the Arkansas-White-Red River Basins, 1858-1950, prepared for Water Resources Work Group, Arkansas-White-Red River Basins Inter-Agency Committee, February 1952.

Inventory of Published and Unpublished Sediment-Load Data, United States and Puerto Rico, 1950-60, U. S. Geological Survey Water-Supply Paper 1547.

Flow of the Rio Grande and Tributary Contribution, International Boundary and Water Commission Water Bulletins Nos. 1-30.

Information on Weather Bureau records was compiled from current lists submitted by the various district offices in this region.

The index was compiled under the direction of Trigg Twichell, District Engineer, Austin, Texas, by J. N. Sansom and H. K. Krauss.

RED RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
													XXXXXX			7-2997.5 Wanderers Creek at Odell, Tex.
													XXXXXX			7-2998 Carroll Creek near Clarendon, Tex.
													XXXXXX			7-2998.3 Kelly Creek near Clarendon, Tex.
													XXXXXX			7-2998.5 Salt Fork Red River near Clarendon, Tex.
													XXXXXX			7-2999 Lelia Lake Creek near Hedley, Tex.
													XXXXXX			7-2999.3 Salt Fork Red River near Hedley, Tex.
													XXXXXX			7-2999.5 Dozier Creek near Wellington, Tex.
													XXXXXX			7-3000 Salt Fork Red River near Wellington, Tex.
													XXXXXX			7-3013 North Fork Red River near Shamrock, Tex.
													XXXXXX			7-3014 Sweetwater Creek near Wheeler, Tex.
													XXXXXX			7-3014.1 Sweetwater Creek near Kelton, Tex.
													XXXXXX			7-3033 Elm Creek near Shamrock, Tex.
													XXXXXX			7-3075 Quitaque Creek near Quitaque, Tex.
													XXXXXX			7-3077 Roaring Springs near Roaring Springs, Tex.
													XXXXXX			7-3078 Pease River near Childress, Tex.
													XXXXXX			7-3080 Pease River near Crowell, Tex.
													XXXXXX			7-3082 Pease River near Vernon, Tex.
													XXXXXX			7-3085 Red River near Burkburnett, Tex.
													XXXXXX			7-3116 North Fork Wichita River near Paducah, Tex.
													XXXXXX			7-3117 North Fork Wichita River near Truscott, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
 Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

RED RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
																7-3118 South Fork Wichita River near Benjamin, Tex.
																7-3119 Wichita River near Seymour, Tex.
																7-3120 Lake Kemp near Mabelle, Tex.
																7-3121 Wichita River near Mabelle, Tex.
																7-3122 Beaver Creek near Electra, Tex.
																7-3125 Wichita River at Wichita Falls, Tex.
																7-3140 Lake Kickapoo near Archer City, Tex.
																7-3145 Little Wichita River near Archer City, Tex.
																7-3150 Little Wichita River near Henrietta, Tex.
																7-3154 Little Wichita River near Ringgold, Tex.
																7-3155 Red River near Terral, Okla.
																7-3160 Red River near Gainesville, Tex.
																7-3315 Lake Texoma near Denison, Tex.
																7-3316 Red River at Denison Dam near Denison, Tex.
																7-3320 Red River near Colbert, Okla. (Denison, Tex.)
																7-3355 Red River at Arthur City, Tex.
																7-3369.5 Barkman Creek near Leary, Tex.
																7-3370 Red River at Index, Ark.
																7-3425 South Sulphur River near Cooper, Tex.
																7-3430 North Sulphur River near Cooper, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
 Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

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RED RIVER BASIN

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Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
															7-3432	Sulphur River near Talco, Tex.
															7-3435	Whiteoak Creek near Talco, Tex.
															7-3438	Whiteoak Creek below Talco, Tex.
															7-3440	Sulphur River near Darden (Naples), Tex.
															7-3441	Caney Creek near Redwater, Tex.
															7-3442	Texarkana Reservoir near Texarkana, Tex.
															7-3443	Aiken Creek near Texarkana, Tex.
															7-3445	Cypress Creek near Pittsburg, Tex.
															7-3450	Boggy Creek near Daingerfield, Tex.
															7-3455	Ellison Creek Reservoir near Daingerfield, Tex.
															7-3459	Lake O' the Pines near Jefferson, Tex.
															7-3460	Cypress Creek near Jefferson, Tex.
															7-3460.2	Kelly Creek near Marietta, Tex.
															7-3460.4	Hughes Creek near Avinger, Tex.
															7-3460.6	Moccasin Creek near Harleton, Tex.
															7-3460.8	Prewitt Creek near Karnack, Tex.
															7-3461	Kitchen Creek near Smithland, Tex.
															7-3461.2	Jims Bayou near Kildare, Tex.
															7-3461.4	Frazier Creek near Linden, Tex.
															7-3463.2	Black Bayou near Atlanta, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
 Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

SABINE RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
																8-0172	Sabine River at Greenville, Tex.
																8-0173	South Fork Sabine River near Quinlan, Tex.
																8-0174	Lake Tawakoni near Wills Point, Tex.
																8-0175	Sabine River near Emory, Tex.
																8-0180	Sabine River near Golden, Tex.
																8-0185	Sabine River near Mineola, Tex.
																8-0190	Lake Fork Sabine River near Quitman, Tex.
																8-0195	Big Sandy Creek near Big Sandy, Tex.
																8-0200	Sabine River near Gladewater, Tex.
																8-0205	Sabine River near Longview, Tex.
																8-0210	Cherokee Bayou near Elderville, Tex.
																8-0215	Lake Cherokee near Longview, Tex.
																8-0220	Sabine River near Tatum, Tex.
																8-0220.2	Potters Creek near Marshall, Tex.
																8-0220.5	Eight Mile Creek near Tatum, Tex.
																8-0220.8	Martins Creek near Beckville, Tex.
																8-0221	Irons Bayou near Carthage, Tex.
																8-0221.5	Six Mile Creek near Carthage, Tex.
																8-0222	Murvaul Lake near Gary, Tex.
																8-0223	Murvaul Bayou near Gary, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
 Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

SABINE RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
															8-0285.5	Davis Creek near Bon Wier, Tex.
															8-0290	Big Cow Creek at Farrsville, Tex.
															8-0291	Hunters Creek near Farrsville, Tex.
															8-0292	Melhomes Creek near Jasper, Tex.
															8-0293	Bishop Creek near Jasper, Tex.
															8-0294	Big Cow Creek at Dam Site near Newton, Tex.
															8-0295	Big Cow Creek near Newton, Tex.
															8-0296	Big Cow Creek near Belgrade, Tex.
															8-0297.5	Nichols Creek near Buna, Tex.
															8-0300	Cypress Creek near Buna, Tex.
															8-0303	Cypress Creek near Deweyville, Tex.
															8-0305	Sabine River near Ruliff, Tex.
															8-0310	Cow Bayou near Mauriceville, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
 Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

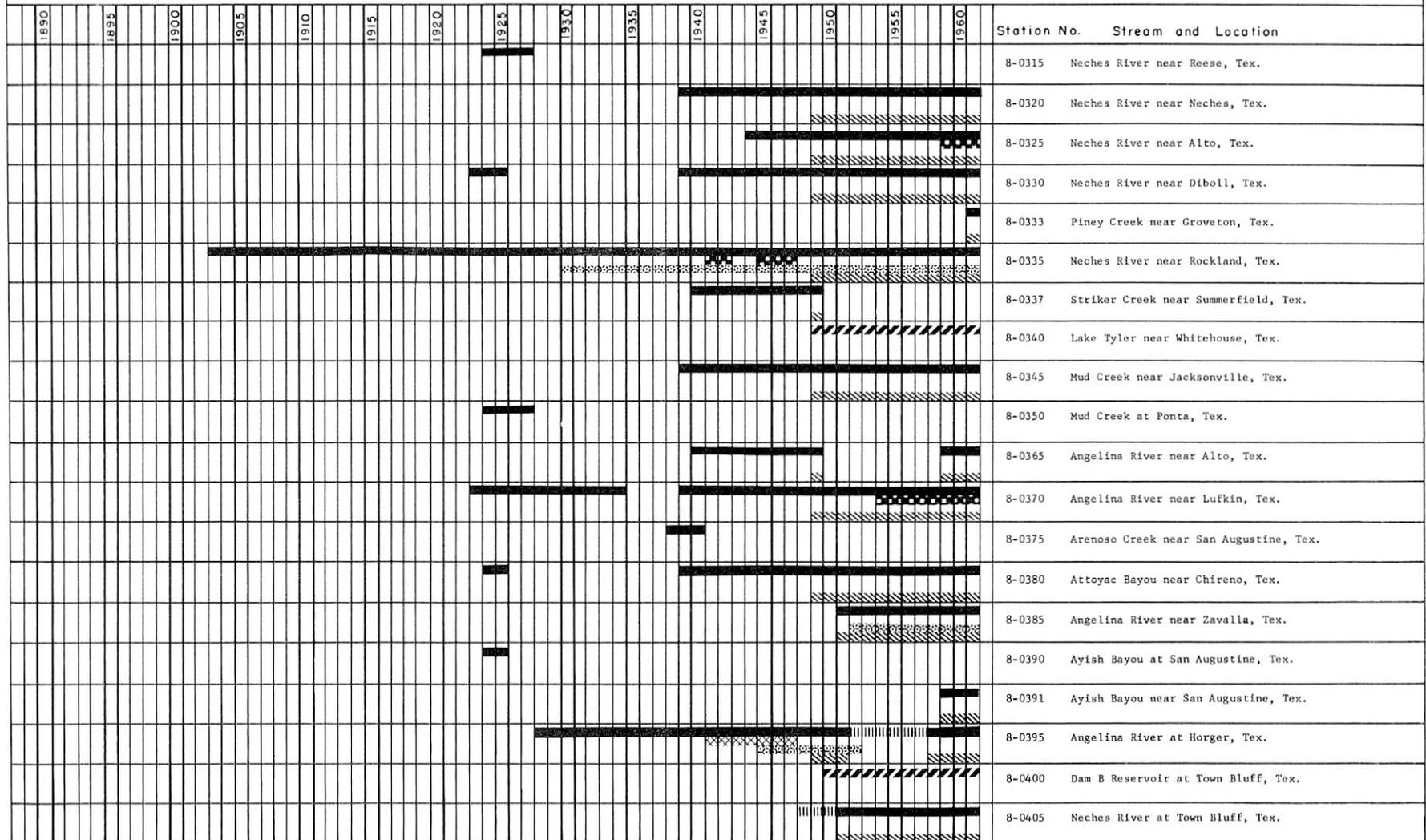
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NECHES RIVER BASIN

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Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)



Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
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NECHES RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

	Station No.	Stream and Location
1960	8-0410	Neches River at Evadale, Tex.
1955	8-0415	Village Creek near Kountze, Tex.
1950		
1945		
1940		
1935		
1930		
1925		
1920		
1915		
1910		
1905		
1900		
1895		
1890		

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements Periodic chemical quality Water temperature

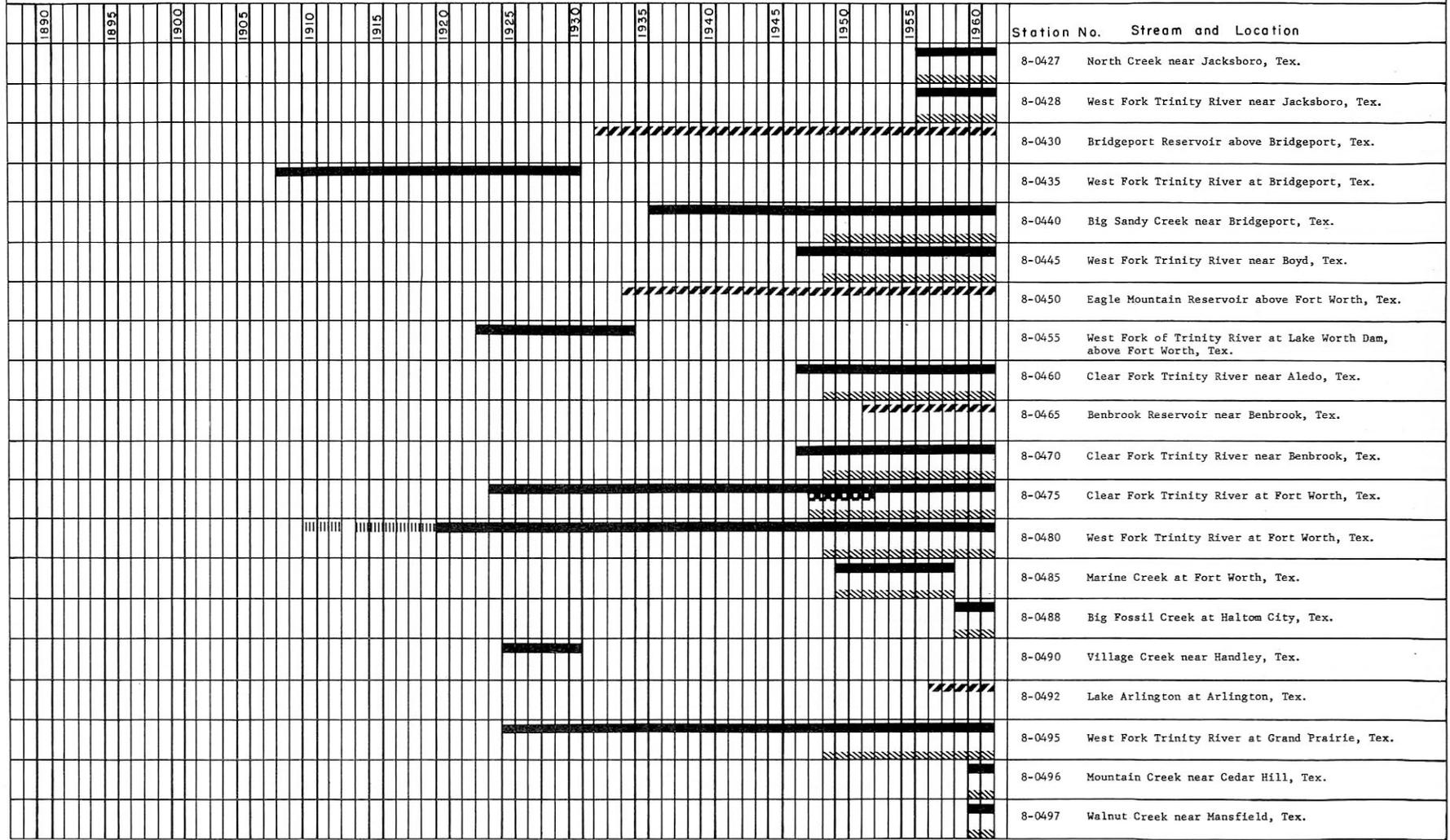
Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality

TRINITY RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)



Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements

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TRINITY RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
								█	█	█						8-0500 Mountain Creek near Grand Prairie, Tex.
															██	8-0500.5 Mountain Creek Lake near Grand Prairie, Tex.
															█	8-0501 Mountain Creek at Grand Prairie, Tex.
															█	8-0502 Elm Fork Trinity River subwatershed No. 6-0 near Muenster, Tex.
															█	8-0503 Elm Fork Trinity River near Muenster, Tex.
															█	8-0505 Elm Fork Trinity River near Sanger, Tex.
															█	8-0510 Isle du Bois Creek near Pilot Point, Tex.
															█	8-0515 Clear Creek near Sanger, Tex.
								█								8-0520 Elm Fork Trinity River near Denton, Tex.
									██	██	██	██	██	██	██	8-0525 Lake Dallas near Lake Dallas, Tex.
															█	8-0527 Little Elm Creek near Aubrey, Tex.
															██	8-0528 Garza-Little Elm Reservoir near Lewisville, Tex.
															█	8-0530 Elm Fork Trinity River near Lewisville, Tex.
															█	8-0535 Denton Creek near Justin, Tex.
								█							█	8-0540 Denton Creek near Roanoke, Tex.
															██	8-0545 Grapevine Reservoir near Grapevine, Tex.
															█	8-0550 Denton Creek near Grapevine, Tex.
															█	8-0555 Elm Fork Trinity River near Carrollton (near Dallas), Tex.
															█	8-0565 Turtle Creek at Dallas, Tex.
															█	8-0570 Trinity River at Dallas, Tex.

Discharge █ Gage heights only ||| Gage heights and discharge measurements ████ Periodic discharge measurements ██████████
 Reservoir contents ██████ Sediment ██████ Periodic sediment ██████ Chemical quality ██████ Periodic chemical quality ██████ Water temperature ██████

TRINITY RIVER BASIN

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

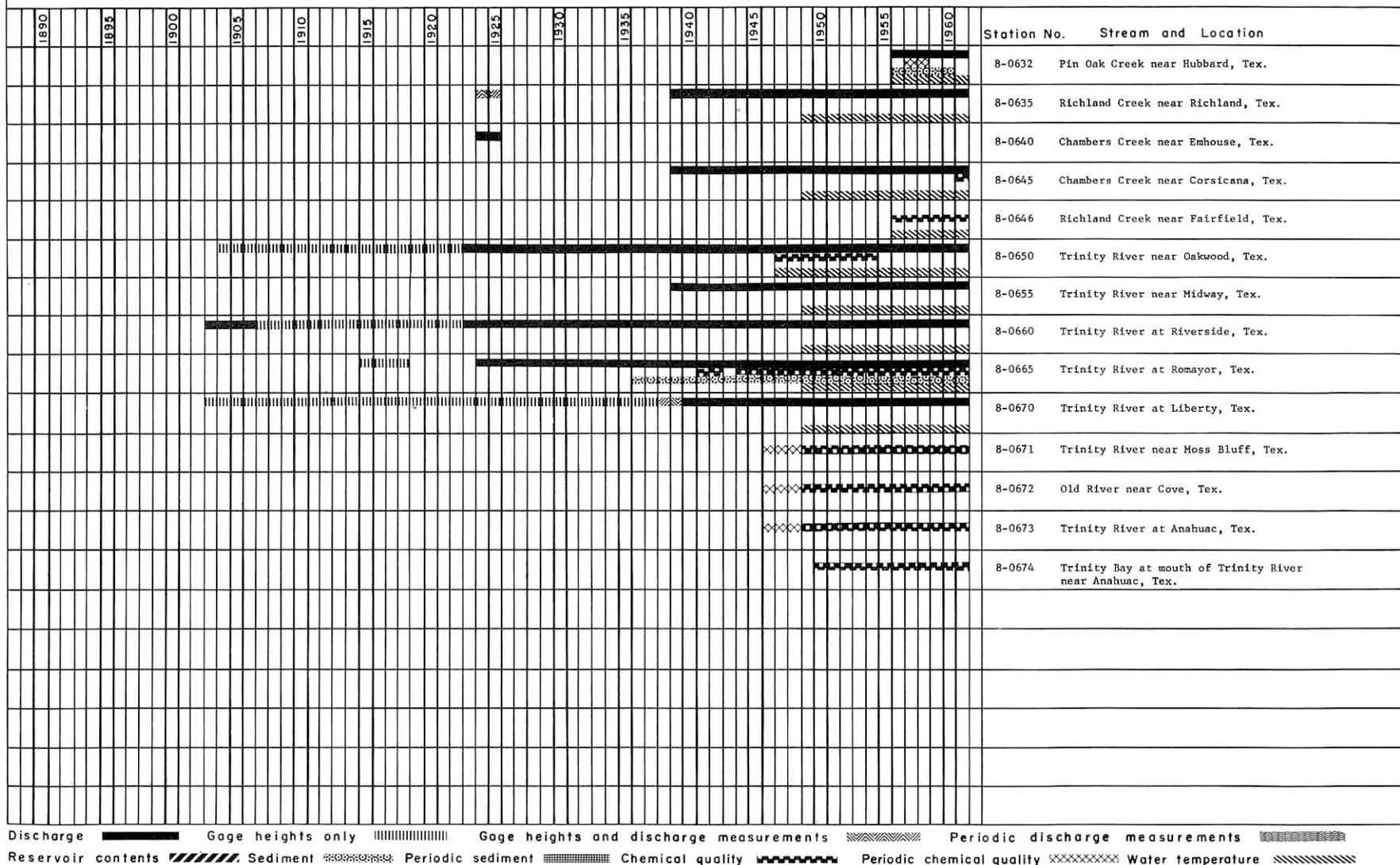
(Index does not identify partial year records)

1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
															8-0571 White Rock Creek at Keller Springs Road at Dallas, Tex.
															8-0571.2 Spanky Branch at McCallum Lane at Dallas, Tex.
															8-0571.4 Cottonwood Creek at Forest Lane at Dallas, Tex.
															8-0571.6 Floyd Branch at Forest Lane at Dallas, Tex.
															8-0572 White Rock Creek at Greenville Avenue at Dallas, Tex.
															8-0573 Trinity River below Dallas, Tex.
															8-0575 Honey Creek subwatershed No. 11 near McKinney, Tex.
															8-0580 Honey Creek subwatershed No. 12 near McKinney, Tex.
															8-0585 Honey Creek near McKinney, Tex.
															8-0590 East Fork Trinity River near McKinney, Tex.
															8-0595 East Fork Trinity River above Pilot Grove Creek, near Lavon, Tex.
															8-0600 Sister Grove Creek near Princeton, Tex.
															8-0605 Lavon Reservoir near Lavon, Tex.
															8-0610 East Fork Trinity River near Lavon, Tex.
															8-0615 East Fork Trinity River near Rockwall, Tex.
															8-0617 Duck Creek near Garland, Tex.
															8-0620 East Fork Trinity River near Crandall, Tex.
															8-0625 Trinity River near Rosser, Tex.
															8-0630 Cedar Creek near Mabank, Tex.
															8-0631 Richland Creek near Dawson, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
 Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

TRINITY RIVER BASIN

Index of Surface Water Records Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years (Index does not identify partial year records)



CLEAR CREEK, CHOCOLATE BAYOU, BASTROP BAYOU, & OYSTER CREEK BASINS

Index of Surface Water Records

Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

(Index does not identify partial year records)

1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
																<u>Clear Creek Basin</u>
											■	■	■	■	8-0770	Clear Creek near Pearland, Tex.
											■	■	■	■	8-0775	Hickory Slough near Pearland, Tex.
																<u>Chocolate Bayou Basin</u>
											■	■	■	■	8-0780	Chocolate Bayou near Alvin, Tex.
																<u>Bastrop Bayou Basin</u>
											■	■			8-0785	Austin Bayou near Danbury, Tex.
																<u>Oyster Creek Basin</u>
											■	■	■	■	8-0790	Oyster Creek near Angleton, Tex.

Discharge
 Gage heights only
 Gage heights and discharge measurements
 Periodic discharge measurements
 Reservoir contents
 Sediment
 Periodic sediment
 Chemical quality
 Periodic chemical quality
 Water temperature

BRAZOS RIVER BASIN

Index of Surface Water Records

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(Index does not identify partial year records)

	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
											█					8-0795	Double Mountain Fork Brazos River at Lubbock, Tex.
											█					8-0796	Sand Creek (or South Fork Double Mountain Fork Brazos River) at Justiceburg, Tex.
																8-0797	Double Mountain Fork Brazos River Tributary at mouth near Post, Tex.
																8-0799	Rough Creek at mouth near Rotan, Tex.
																8-0800	Double Mountain Fork Brazos River near Rotan, Tex.
								█	█	█	█	█	█	█	█	8-0805	Double Mountain Fork Brazos River near Aspermont, Tex.
																8-0805.5	McDonald Creek at mouth, near Post, Tex.
											█					8-0807	White River at Plainview, Tex.
																8-0808	White River near Crosbyton, Tex.
																8-0809	White River below falls near Crosbyton, Tex.
																8-0809.2	Red Mud Creek at mouth, near Clairemont, Tex.
																8-0809.6	Butte Creek at mouth, near Jayton, Tex.
																8-0810	Salt Fork Brazos River near Peacock, Tex.
																8-0810.5	Short Croton Creek at mouth, near Jayton, Tex.
																8-0811	Croton Creek below mouth of Short Croton Creek, near Jayton, Tex.
																8-0812	Croton Creek near Jayton, Tex.
																8-0812.9	Dove Creek at Weir A near Aspermont, Tex.
																8-0813	Salt Flat Creek at Weir B near Aspermont, Tex.
																8-0813.5	Salt Croton Creek (Dove Creek) at Weir C near Aspermont, Tex.
																8-0814	Salt Croton Creek (Dove Creek) at Weir D near Aspermont, Tex.

Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements
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BRAZOS RIVER BASIN

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(Index does not identify partial year records)

	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
																8-0814.5 Haystack Creek (Hayrick) near Aspermont, Tex.
																8-0815 Salt Croton Creek (Dove Creek) near Aspermont, Tex.
																8-0815.5 Salt Croton Creek at falls near Aspermont, Tex.
																8-0816 Salt Croton Creek (Dove Creek) at mouth near Aspermont, Tex.
								■								8-0820 Salt Fork Brazos River near Aspermont, Tex.
								■								8-0822 North Croton Creek at mouth, near Knox City, Tex.
																8-0824 Mustang Creek at mouth, near Knox City, Tex.
								■								8-0825 Brazos River at Seymour, Tex.
																8-0830 Brazos River near Graham, Tex.
																8-0831 Clear Fork Brazos River near Roby, Tex.
																8-0832 Lake Sweetwater near Sweetwater, Tex.
																8-0835 Fort Phantom Hill Reservoir near Nugent, Tex.
																8-0840 Clear Fork Brazos River at Nugent, Tex.
																8-0845 Lake Stamford near Haskell, Tex.
																8-0850 Paint Creek near Haskell, Tex.
																8-0855 Clear Fork Brazos River at Fort Griffin, Tex.
																8-0860 Clear Fork Brazos River at Crystal Falls, Tex.
																8-0865 Hubbard Creek near Breckenridge, Tex.
																8-0870 Clear Fork Brazos River near Crystal Falls (near Eliasville), Tex.
																8-0873 Clear Fork Brazos River at Eliasville, Tex.

Discharge ■■■■■ Gage heights only ||||| Gage heights and discharge measurements // Periodic discharge measurements ~~~~~
 Reservoir contents // Sediment ~~~~~ Periodic sediment ||||| Chemical quality ■■■■■ Periodic chemical quality ~~~~~ Water temperature //

BRAZOS RIVER BASIN

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Discharge, Sediment, Chemical Quality, and Temperature — Calendar Years

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	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
																8-0952	North Bosque River at Valley Mills, Tex.
																8-0953	Middle Bosque River near McGregor, Tex.
																8-0954	Hog Creek near Crawford, Tex.
																8-0955	South Bosque River near Speegleville, Tex.
																8-0956	Bosque River near Waco, Tex.
																8-0965	Brazos River at Waco, Tex.
																8-0968	Cow Bayou subwatershed No. 4 near Bruceville, Tex.
																8-0970	Cow Bayou at Mooreville, Tex.
																8-0975	Brazos River near Marlin, Tex.
																8-0980	Deer Creek at Chilton, Tex.
																8-0985	Leon River near Eastland, Tex.
																8-0990	Leon Reservoir near Ranger, Tex.
																8-0991	Leon River near DeLeon, Tex.
																8-0993	Sabana River near DeLeon, Tex.
																8-0995	Leon River near Hasse, Tex.
																8-1000	Leon River near Hamilton, Tex.
																8-1005	Leon River at Gatesville, Tex.
																8-1010	Cowhouse Creek at Pidcoke, Tex.
																8-1015	Cowhouse Creek near Killeen, Tex.
																8-1020	Belton Reservoir near Belton, Tex.

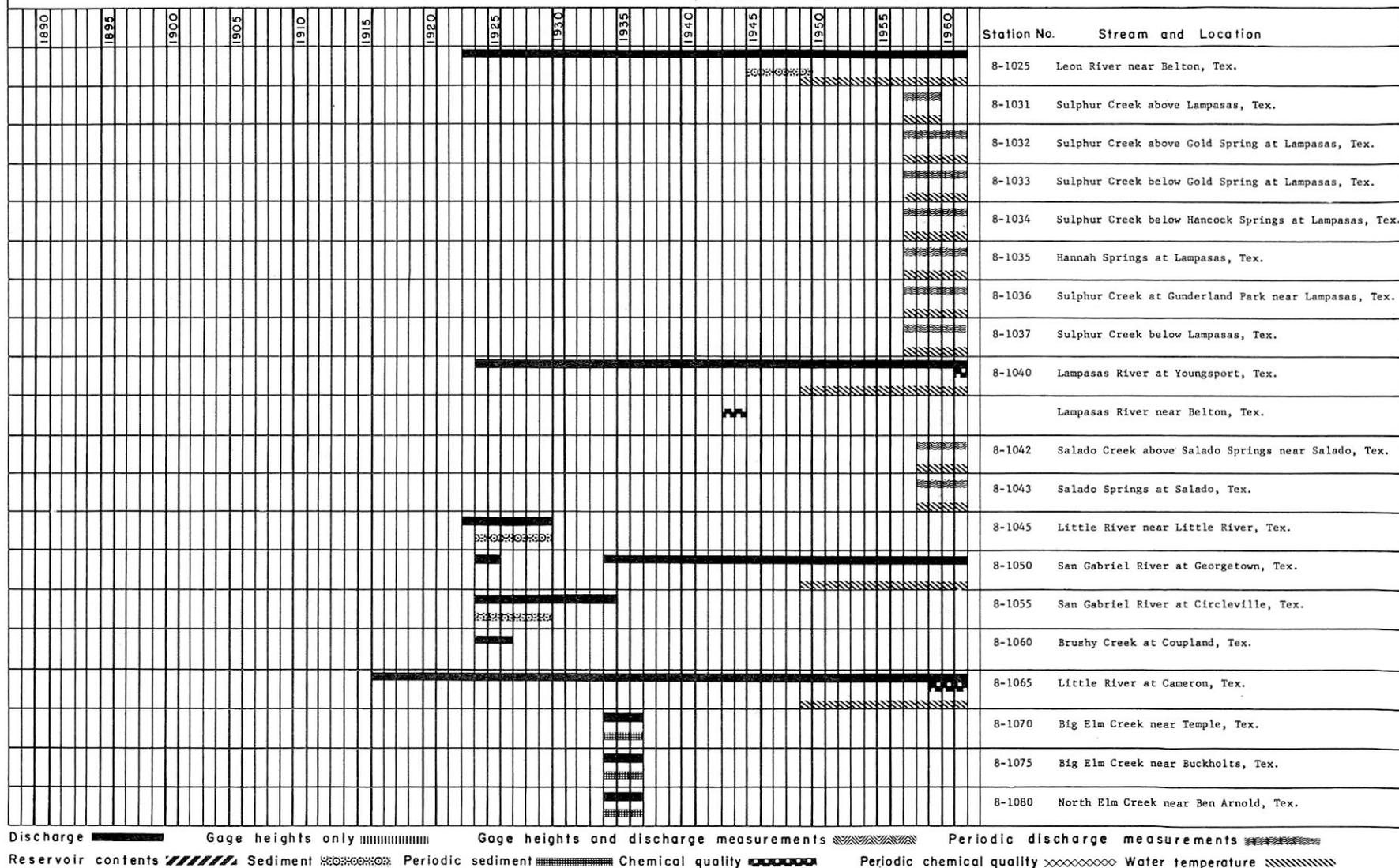
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BRAZOS RIVER BASIN

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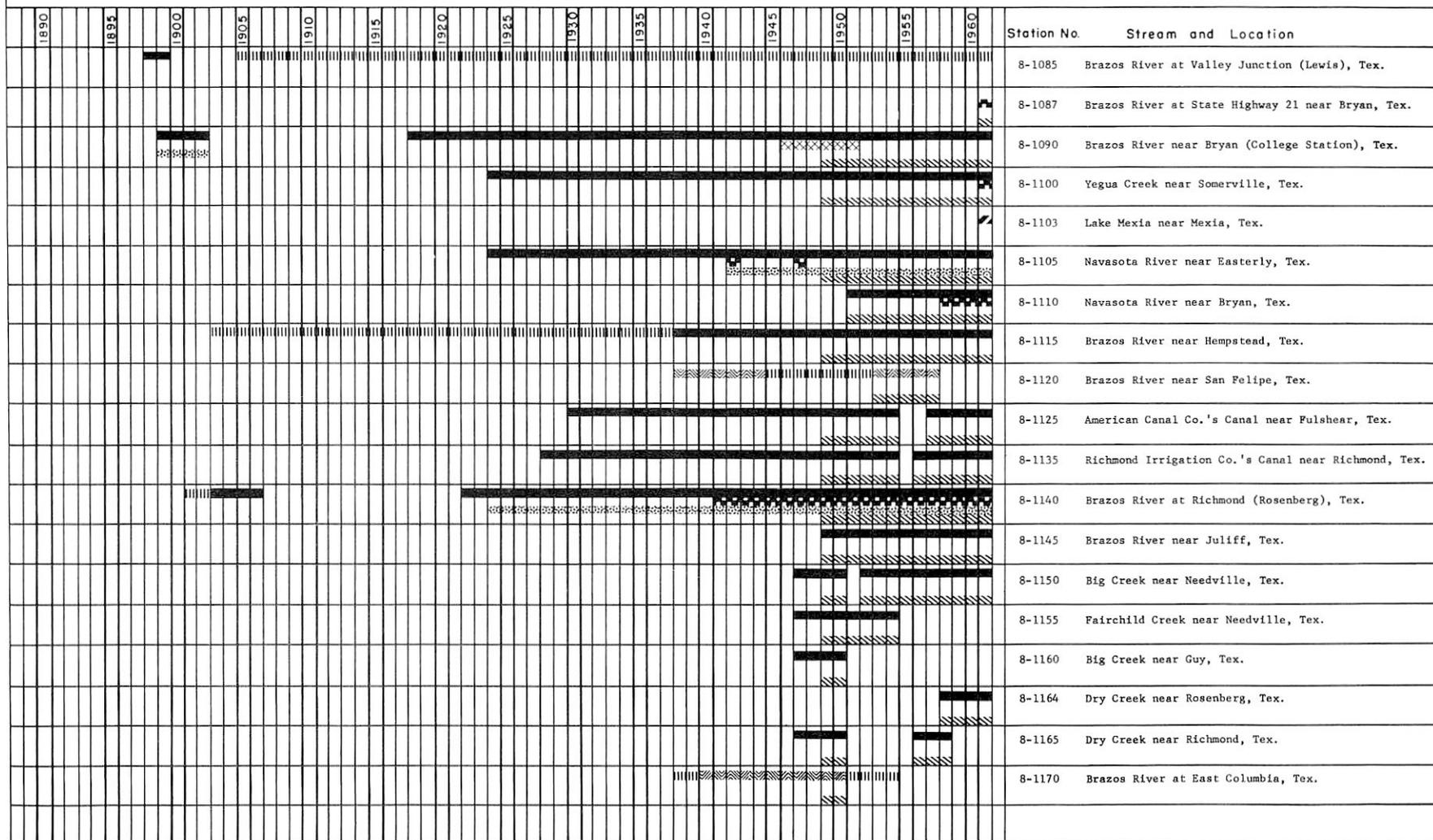
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1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
													//////		8-1180	Lake J. B. Thomas near Vincent, Tex.
												XXXX				Colorado River above Bull Creek near Knapp, Tex.
												XXXX			8-1185	Bull Creek near Ira, Tex.
												XXXX			8-1190	Bluff Creek near Ira, Tex.
												XXXX			8-1195	Colorado River near Ira, Tex.
															8-1200	Deep Creek near Snyder, Tex.
															8-1205	Deep Creek near Dunn, Tex.
												XXXX			8-1210	Colorado River at Colorado City, Tex.
												XXXX			8-1215	Morgan Creek near Westbrook, Tex.
												XXXX			8-1220	Graze Creek near Westbrook, Tex.
												XXXX			8-1225	Morgan Creek near Colorado City, Tex.
												//////			8-1230	Lake Colorado City near Colorado City, Tex.
												XXXX			8-1235	Champlin Creek near Colorado City, Tex.
												//////			8-1236	Champion Creek Reservoir near Colorado City, Tex.
												XXXX			8-1236.5	Beals Creek above Big Spring, Tex.
												XXXX			8-1237	Beals Creek at Big Spring, Tex.
												XXXX			8-1238	Beals Creek near Westbrook, Tex.
												XXXX			8-1239	Colorado River near Silver, Tex.
								XXXX							8-1240	Colorado River at Robert Lee, Tex.
												XXXX			8-1250	Colorado River near Bronte, Tex.

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Year	Station No.	Stream and Location
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Discharge Gage heights only Gage heights and discharge measurements Periodic discharge measurements Reservoir contents Sediment Periodic sediment Chemical quality Periodic chemical quality Water temperature

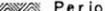
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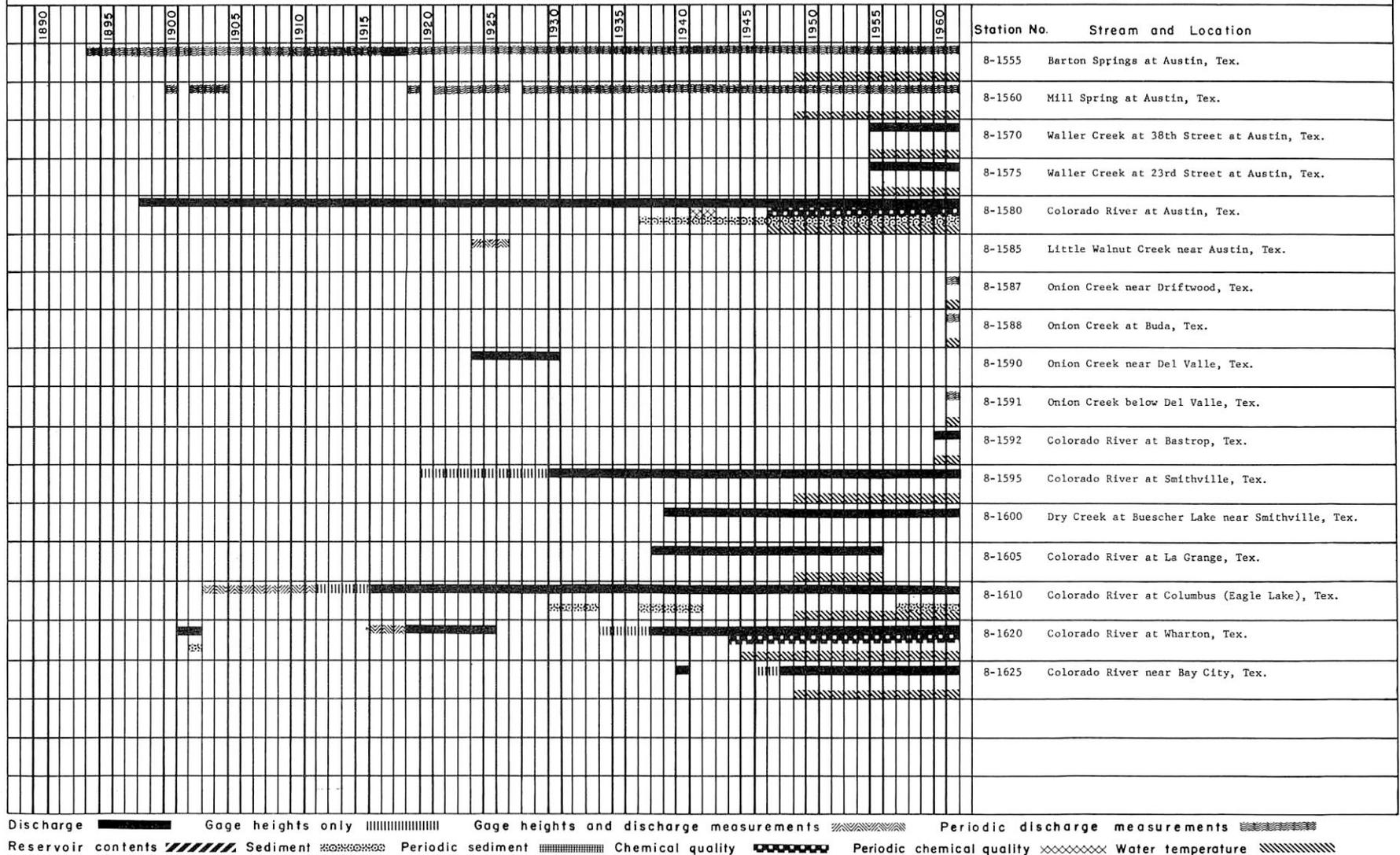
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Year	Station No.	Stream and Location
1951	8-1345	San Angelo Reservoir at San Angelo, Tex.
1951	8-1350	North Concho River at San Angelo, Tex.
1951	8-1360	Concho River near San Angelo, Tex.
1951	8-1365	Concho River near Paint Rock, Tex.
1951	8-1370	Mukewater Creek subwatershed No. 9 near Trickham, Tex.
1951	8-1375	Mukewater Creek at Trickham, Tex.
1951	8-1380	Colorado River at Winchell (Milburn), Tex.
1951	8-1390	Deep Creek subwatershed No. 3 near Placid, Tex.
1951	8-1392	Deep Creek subwatershed No. 5 near Placid, Tex.
1951	8-1395	Deep Creek near Mercury, Tex.
1951	8-1400	Deep Creek subwatershed No. 8 (Dry Prong Deep Creek) near Mercury, Tex.
1951	8-1405	Dry Prong Deep Creek near Mercury, Tex.
1951	8-1410	Hords Creek Reservoir near Valera, Tex.
1951	8-1415	Hords Creek near Valera, Tex.
1951	8-1420	Hords Creek at Coleman, Tex.
1951	8-1425	Brown County W.I.D. No. 1 Canal near Brownwood, Tex.
1951	8-1430	Brownwood Reservoir near Brownwood, Tex.
1951	8-1435	Pecan Bayou at Brownwood, Tex.
1951	8-1439	Springs at Fort McKavett, Tex.
1951	8-1440	Noyes Canal at Menard, Tex.

Discharge  Gage heights only  Gage heights and discharge measurements  Periodic discharge measurements 
 Reservoir contents  Sediment  Periodic sediment  Chemical quality  Periodic chemical quality  Water temperature 

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1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
															8-1655	Guadalupe River at Hunt, Tex.
															8-1660	Johnson Creek near Ingram, Tex.
															8-1665	Guadalupe River near Comfort, Tex.
															8-1670	Guadalupe River at Comfort, Tex.
															8-1675	Guadalupe River near Spring Branch, Tex.
															8-1676	Rebecca Creek near Spring Branch, Tex.
															8-1678	Guadalupe River at Sattler, Tex.
															8-1680	Hueco Springs near New Braunfels, Tex.
															8-1685	Guadalupe River above Comal River at New Braunfels, Tex.
															8-1686	Blieders Creek at New Braunfels, Tex.
															8-1687	Panther Canyon at New Braunfels, Tex.
															8-1688	Dry Comal Creek at New Braunfels, Tex.
															8-1690	Comal River at New Braunfels, Tex.
															8-1695	Guadalupe River at New Braunfels, Tex.
															8-1700	San Marcos River spring flow at San Marcos, Tex.
															8-1705	San Marcos River at San Marcos, Tex.
															8-1710	Blanco River at Wimberley, Tex.
															8-1713	Blanco River near Kyle, Tex.
															8-1720	San Marcos River at Luling, Tex.
															8-1724	Plum Creek at Lockhart, Tex.

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Year	Station No.	Stream and Location
1961	8-1725	Plum Creek near Lockhart, Tex.
1961	8-1730	Plum Creek near Luling, Tex.
1961	8-1735	San Marcos River at Ottine, Tex.
1961	8-1740	Guadalupe River near Gonzales, Tex.
1961	8-1745	Peach Creek near Dilworth, Tex.
1961	8-1746	Peach Creek below Dilworth, Tex.
1961	8-1750	Sandies Creek near Westhoff, Tex.
1961	8-1755	Guadalupe River near Cuero, Tex.
1961	8-1760	Guadalupe River below Cuero, Tex.
1961	8-1765	Guadalupe River at Victoria, Tex.
1961	8-1770	Coleta Creek near Schroeder, Tex.
1961	8-1775	Coleta Creek near Victoria, Tex.
1961	8-1780	San Antonio River at San Antonio, Tex.
1961	8-1785	San Pedro Creek at San Antonio, Tex.
1961	8-1787	Salado Creek (upper station) at San Antonio, Tex.
1961	8-1788	Salado Creek (lower station) at San Antonio, Tex.
1961	8-1790	Medina River near Pipe Creek, Tex.
1961	8-1791	Red Bluff Creek near Pipe Creek, Tex.
1961	8-1795	Medina Lake near San Antonio, Tex.
1961	8-1800	Medina Canal near Riomedina, Tex.

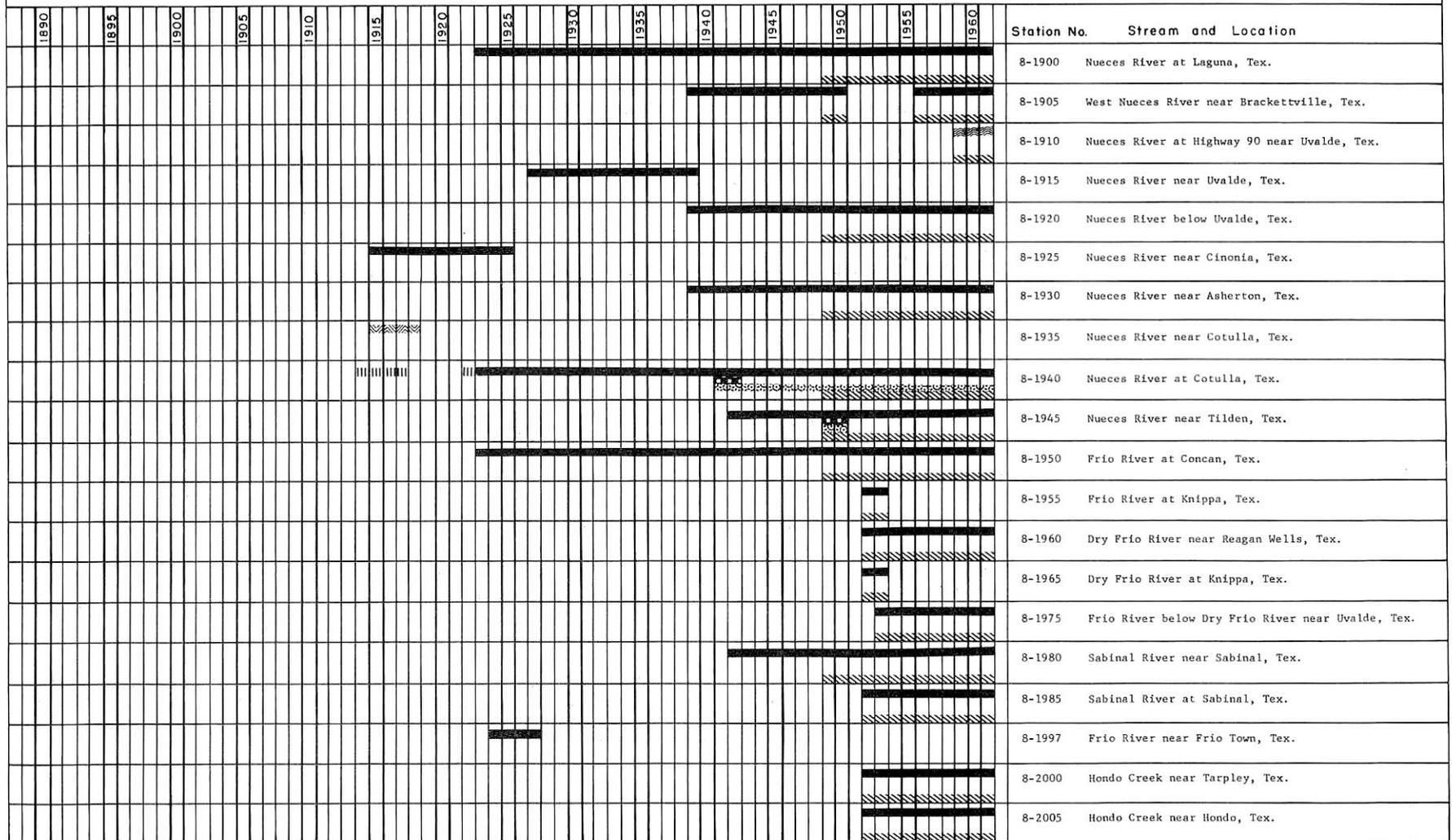
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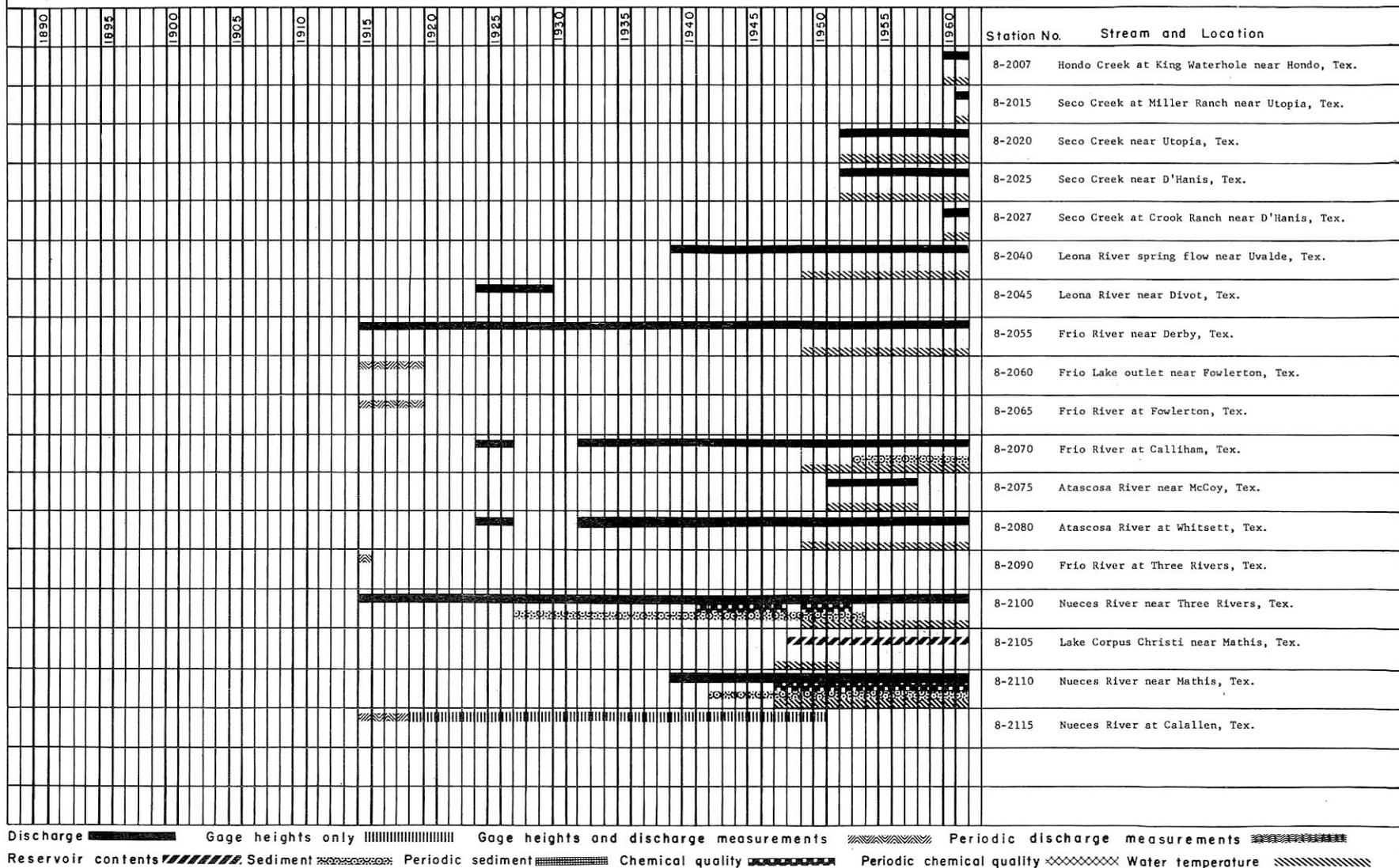
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1891	1895	1900	1905	1911	1915	1920	1925	1931	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
[Legend: Discharge (solid black), Gage heights only (vertical lines), Gage heights and discharge measurements (cross-hatch), Periodic discharge measurements (dotted), Reservoir contents (diagonal lines), Sediment (cross-hatch), Periodic sediment (vertical lines), Chemical quality (horizontal lines), Periodic chemical quality (dotted), Water temperature (diagonal lines)]															8-3640	Rio Grande at El Paso, Tex.
															8-3645	Diversions from the Rio Grande into the American Canal at El Paso, Tex.
															8-3650	Rio Grande below American Dam, Tex.
															8-3655	Diversions from the Rio Grande into Acequia Madre (Mexican Canal) near Juarez, Chih., Mex.
															8-3656	McKelligon Canyon at El Paso, Tex.
															8-3657	Inlet to Fort Bliss sump area at El Paso, Tex.
															8-3658	Government ditch at El Paso, Tex.
															8-3660	Rio Grande at Cd. Juarez, Chih., Mex.
															8-3663	Diversions from the Rio Grande in the El Paso Valley, Tex.
															8-3665	Rio Grande at Island Station near El Paso, Tex.
															8-3670	Rio Grande at Tornillo Bridge near Fabens, Tex.
															8-3680	Tornillo Drain at Mouth at Alamo Alto, Tex.
															8-3685	Tornillo Canal at Waste Way near Alamo Alto, Tex.
															8-3690	Hudspeth Canal at head near Alamo Alto, Tex.
															8-3695	Rio Grande at County Line Station near El Paso, Tex.
															8-3700	Rio Grande near Fort Hancock, Tex.
															8-3705	Rio Grande at Fort Quitman (Finlay), Tex.
															8-3710	Rio Grande at La Nutria, Tex.
															8-3715	Rio Grande above Presidio, Tex. (Upper Presidio)
															8-3720	Diversions from Rio Grande between Upper and Lower Presidio Stations, Tex.

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	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
												■				8-3725 Rio Conchos at Cuchillo Parado, Chih., Mex.
		■	■	■	■	■		■	■	■	■	■	■	■	■	8-3730 Rio Conchos near Ojinaga, Chih., Mex.
			■	■	■	■	■	■	■	■	■	■	■	■	■	8-3735 Rio Grande above Presidio, Tex. (Old Lower Presidio)
								■	■	■	■	■	■	■	■	8-3740 Alamito Creek near Presidio, Tex.
												■	■	■	■	8-3742 Rio Grande below Presidio, Tex. (Lower Presidio Station)
								■	■	■	■	■	■	■	■	8-3745 Terlinqua Creek near Terlinqua, Tex.
								■	■	■	■	■	■	■	■	8-3750 Rio Grande at Johnson Ranch, Tex.
								■	■	■	■	■	■	■	■	8-3755 Rio Grande at Boquillas, Tex.
												■	■	■	■	8-3760 Rio Grande at Special Stations in the Big Bend, Tex.
												■	■	■	■	8-3765 Rio Grande at Agua Verde Dam Site
								■	■	■	■	■	■	■	■	8-3770 Lozier Creek near Langtry, Tex.
															■	8-3772 Rio Grande above Langtry (at Foster Ranch), Tex.
			■	■	■	■	■	■	■	■	■	■	■	■	■	8-3775 Rio Grande at Langtry, Tex.
												■	■	■	■	8-4075 Pecos River at Red Bluff, N. Mex.
												■	■	■	■	8-4080 Delaware River near Malaga, N. Mex.
												■	■	■	■	8-4085 Delaware River near Red Bluff, N. Mex.
													■	■	■	8-4090 Delaware River near Angeles, Tex.
								■	■	■	■	■	■	■	■	8-4095 Pecos River near Angeles, Tex.
												■	■	■	■	8-4100 Red Bluff Reservoir near Orla, Tex.
												■	■	■	■	8-4101 Pecos River below Red Bluff Dam near Orla, Tex.

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1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
										■	■	■			8-4340 Toyah Creek below Toyah Lake near Pecos, Tex.
							■	■		■	■	■			8-4350 Grandfalls-Big Valley Canal near Barstow, Tex.
										⊗	⊗				8-4355 Pecos River below Barstow, Tex.
										■					8-4360 E. W. Fate pump near Grandfalls, Tex.
							■	■		⊗	⊗				8-4365 Pecos County Water Improvement District No. 2 Upper Diversion Canal near Grandfalls, Tex.
							■	■		⊗	⊗				8-4370 Pecos County Water Improvement District No. 2 Lower Diversion Canal near Grandfalls, Tex.
										⊗	⊗				8-4375 Pecos County Water Improvement District No. 2 Canal near Imperial, Tex.
										⊗	⊗				8-4380 Pecos County Water Improvement District No. 3 Canal near Grandfalls, Tex.
										⊗	⊗				8-4385 Pecos County Water Improvement District No. 3 Canal below Buena Vista, Tex.
										⊗	⊗				8-4390 Pecos County Water Improvement District No. 3 Canal near Imperial, Tex.
					■	■	■			⊗	⊗				8-4395 Pecos River near Grandfalls, Tex.
										⊗	⊗				8-4400 Ward County Water Improvement District No. 2 Canal near Grandfalls, Tex.
										⊗	⊗				8-4405 Ward County Water Improvement District No. 2 Lateral No. 2 Wasteway below Grandfalls, Tex.
										⊗	⊗				8-4410 Ward County Water Improvement District No. 2 Canal Wasteway below Grandfalls, Tex.
										■	■	■			8-4415 Pecos River below Grandfalls, Tex.
						■	■			⊗	⊗				8-4420 Pecos River near Buena Vista, Tex.
										⊗					8-4425 Pecos County Water Improvement District No. 2, West Lateral Wasteway near Buena Vista, Tex.
										⊗					8-4430 Pecos County Water Improvement District No. 2, East Lateral Wasteway below Buena Vista, Tex.
										⊗	⊗				8-4435 Drainage from Powell Lake below Buena Vista, Tex.
										⊗					8-4440 Pecos County Water Improvement District No. 3 Canal Wasteway below Buena Vista, Tex.

Discharge ■ Gage heights only ■■■■■■■■■■ Gage heights and discharge measurements ■■■■■■■■■■ Periodic discharge measurements ■■■■■■■■■■
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	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No. Stream and Location
																8-4585 Rio Escondido at Villa de Fuente, Coah., Mex.
																8-4587 Rio Grande at San Antonio Crossing near Villa Guerrero, Coahuila, Mex.
																8-4588 Rio Grande at Palafox, Tex.
																8-4590 Rio Grande at Laredo, Tex.
																8-4595 Dolores Creek near San Ignacio, Tex.
																8-4597 Rio Salado at Las Tortillas, Tamaulipas, Mex.
																8-4600 Rio Salado at Cd. Guerrero, Tamaulipas, Mex.
																8-4605 Rio Grande near Zapata, Tex.
																8-4610 El Tigre Arroyo near Zapata, Tex.
																8-4612 International Falcon Reservoir near Falcon Heights, Tex.
																8-4613 Rio Grande below Falcon Dam
																8-4615 Rio Grande at Chapeno, Tex.
																8-4620 Rio Alamo at Cd. Mier "El Paso del Cantaro", Tamaulipas, Mex.
																8-4625 Rio Grande at Roma, Tex.
																8-4630 Rio San Juan near Santa Rosalia Ranch, Tamaulipas, Mex.
																8-4635 Rio San Juan at La Quemado, Tamaulipas, Mex.
																8-4640 Rio San Juan below Azucar Dam, Tamaulipas, Mex.
																8-4642 Rio San Juan at Camargo, Tamaulipas, Mex.
																8-4645 Contributions from Rio San Juan above Rio Grande City, Tex.
																8-4647 Rio Grande at Fort Ringgold, Rio Grande City, Tex.

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	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Station No.	Stream and Location
											■	■	■	■	■	8-4725	Diversions from Rio Grande into the Retamal Canal near Rio Bravo, Tamaulipas, Mex.
											■	■	■	■	■	8-4730	Rio Grande at Las Palmas, Tamaulipas, Mex.
											■	■	■	■	■	8-4733	Rio Grande at Progreso Bridge, Tex.
									■	■	■	■	■	■	■	8-4735	Rio Grande at Mercedes Bridge, Tex.
											■	■	■	■	■	8-4737	Rio Grande near San Benito, Tex.
											■	■	■	■	■	8-4740	Rancho Viejo Floodway near Brownsville, Tex.
											■	■	■	■	■		Rio Grande at Los Fresnos Pumping Plant near Brownsville, Tex.
			■	■	■	■	■	■	■	■	■	■	■	■	■	8-4745	Rio Grande at Matamoros, Tamaulipas, Mex.
											■	■	■	■	■	8-4750	Rio Grande at Lower Brownsville, Tex.
											■	■	■	■	■		Sampling stations in canals and drains in Hidalgo and Cameron Counties
									■	■	■	■	■	■	■	8-4755	Diversions from Rio Grande on United States side below Rio Grande City, Tex.

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	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Stream and Location
																<u>Colorado River Basin Seepage Investigations</u>
							■	■								Middle Concho River
							■	■								Dove Creek
							■	■								Spring Creek
							■	■								South Concho River
							■	■								North Concho River
							■	■								Concho River
							■		■		■					San Saba River
							■	■								North Llano River
							■	■								South Llano River
							■	■								Johnson Fork Llano River
							■	■								Llano River
													■	■	■	Federnales River
														■	■	Onion Creek
							■	■								Colorado River
																<u>Lavaca River Basin Seepage Investigations</u>
													■			Lavaca River

Discharge ■■■■■■ Gage heights only ||||| Gage heights and discharge measurements // // // // // Periodic discharge measurements ~~~~~
 Reservoir contents // // // // // Sediment * * * * * Periodic sediment # # # # # Chemical quality ■■■■■■ Periodic chemical quality x x x x x Water temperature // // // // //

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1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Stream and Location
															Rio Grande Basin Seepage Investigations
									■						Madera Canyon
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								■	■	■					Reeves County Water Improvement District No. 1
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						■									Pecos River
							■	■							Devils River
							■	■				■			Rio Grande

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 Gage heights only
 Gage heights and discharge measurements
 Periodic discharge measurements

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