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Jim Baird  
1964

PUBLICATIONS OF THE  
TEXAS WATER COMMISSION

AS OF DECEMBER 31, 1964

CIRCULAR NO. 64-03

TEXAS WATER COMMISSION  
DECEMBER 1964

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TEXAS WATER COMMISSION

Joe D. Carter, Chairman  
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CIRCULAR NO. 64-03

*Jim Bain*

PUBLICATIONS OF THE  
TEXAS WATER COMMISSION  
As of December 31, 1964

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## INTRODUCTION

This report contains lists of Bulletins, Circulars, Memorandum Reports, Limited-Distribution Reports, Water-Resource Planning Reports, Biennial Reports, and miscellaneous unnumbered reports of the Texas Water Commission, together with Bulletins of the State Reclamation Department which are now distributed by the Commission.

For convenience to the user of these lists, a county and river basin location map is shown on the following page. An index of publications has also been included at the end of this report as an aid in determining which reports pertain to particular subjects and areas.

An asterisk (\*) before the publication number on the following pages indicates that the publication is out of print and not available for distribution; however, most of these may be reviewed in the library of the Commission. Information shown in brackets is explanatory in nature and not a part of a publication title. Reprint dates where applicable are shown in parentheses.

By action of the Third Called Session of the Fifty-Seventh Legislature, in January 1962 the name of this Agency was changed from the Board of Water Engineers to the Texas Water Commission. Thus, reports of this Agency may have been published under either name depending on the date of publication.

Additional information on the content of various publications may be found in the following Commission Circulars:

Circular No. 63-04, Annotated Bibliography of Surface-Water Publications and Open-File Reports of the Texas Water Commission and U. S. Geological Survey for Texas Through June 1962.

Circular No. 64-02, Annotated Bibliography of Ground-Water Publications and Open-File Reports of the Texas Water Commission and U. S. Geological Survey for Texas Through August 1963.

## INSTRUCTIONS FOR ORDERING PUBLICATIONS

Address all orders to:

Texas Water Commission P. O. Box 12311 Austin, Texas 78711
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Unless otherwise indicated in the title listings, all publications are free of charge. No postage is required for shipment. Order blanks may be found in the back of this Circular.

Prepayment is required for priced publications and may be made by postal or express money order, check, or in cash--exact amount--at sender's risk. In addition to the publication price, remittance must include the required 2% State sales tax unless a properly completed tax exemption certificate, applicable only to shipments to governmental organizations and to certain types of interstate shipments, accompanies the order. Tax exemption certificates will be furnished by the Commission on request. Checks and money orders should be made payable to Secretary, Texas Water Commission.



BULLETINS

- \*B5001. Geology and Ground-Water Resources of the Houston District, Texas, by J. W. Lang, A. G. Winslow, and W. N. White. 59 pp., 15 figs., 3 pls., Oct. 1950.
- \*B5003. Geology and Ground-Water Resources of Walker County, Texas, by A. G. Winslow. 52 pp., 4 figs., 2 pls., Oct. 1950.
- \*B5004. Development of Ground Water for Irrigation in the Dell City Area, Hudspeth County, Texas, by R. A. Scalapino. 41 pp., 1 fig., 1 pl., Sept. 1950.
- B5101. Water Supply of the Houston Gulf Coast Region, by W. H. Goines, A. G. Winslow, and J. R. Barnes. 41 pp., 23 figs., Jan. 1951.
- \*B5102. Summary of the Development of Ground Water for Irrigation in the Lobo Flats Area, Culberson and Jeff Davis Counties, Texas, by J. W. Hood and R. A. Scalapino. 29 pp., 1 fig., 2 pls., Sept. 1951.
- B5103. Ground-Water Resources of Parker County, Texas, by G. J. Stramel. 58 pp., 1 pl., Nov. 1951.
- \*B5104. Irrigation Wells and Water-Level Fluctuations in the High Plains of Texas to Jan. 1951, by E. R. Leggat. 29 pp., 18 figs., Nov. 1951 (Mar. 1953).
- B5201. The Houston District, Texas, Pumpage and Decline of Artesian Pressure During 1950-51, by A. G. Winslow and T. R. Fluellen, Jr. 28 pp., 17 figs., Jan. 1952.
- B5202. Summary of Ground-Water Development in the Pecos Area, Reeves and Ward Counties, Texas, 1947-51, by J. W. Hood and D. B. Knowles. 13 pp., 6 figs., Jan. 1952.
- \*B5203. Winter Garden District, Dimmit and Zavala Counties and Eastern Maverick County, Texas [Records of Wells], by D. E. Outlaw and others. 59 pp., 1 pl., Mar. 1952.
- \*B5204. Ground-Water Resources in the Vicinity of Kenmore Farms, Kendall County, Texas, by W. O. George and W. W. Doyel. 17 pp., 2 figs., June 1952.
- \*B5205. Texas Index of Surface Water Records, 1882-1951, Discharge, Sediment, Chemical Quality, and Water Temperature. 47 pp., May 1952.
- B5206. Results of Artificial Recharge of the Ground-Water Reservoir at El Paso, Texas, by R. W. Sundstrom and J. W. Hood. 21 pp., 7 figs., July 1952 (Mar. 1957).
- B5207. Geology and Ground-Water Resources of Lynn County, Texas, by E. R. Leggat. 76 pp., 7 figs., 2 pls., Sept. 1952.
- B5208. Water Resources of Waller County, Texas, by T. R. Fluellen and W. H. Goines. 60 pp., 8 figs., Sept. 1952.
- \*B5209. Ground-Water Resources of Starr County, Texas, by O. C. Dale. 50 pp., 3 figs., 1 pl., Dec. 1952.
- B5210. Ground-Water Resources of Ector County, Texas, by D. B. Knowles. 117 pp., 5 figs., 2 pls., Dec. 1952.
- \*B5301. Ground-Water Resources of the Odell Sand Hills, Wilbarger County, Texas, by G. W. Willis and D. B. Knowles. 57 pp., 12 figs., Jan. 1953.
- \*B5302. Records of Water-Level Measurements in Hale County, Texas, 1910-1953, by C. R. Follett. 44 pp., map, Oct. 1953.
- \*B5303. Records of Water-Level Measurements in Lubbock County, Texas, 1936-1953, by C. R. Follett. 34 pp., map, Oct. 1953.

\* Out of print. See Introduction.

- \*B5304. Records of Water-Level Measurements in Floyd County, Texas, 1913-1953, by C. R. Follett. 28 pp., map, Nov. 1953.
- B5305. Records of Water-Level Measurements in Deaf Smith County, Texas, 1914-1953, by C. R. Follett. 23 pp., map, Nov. 1953.
- B5306. Records of Water-Level Measurements in Lamb County, Texas, 1914-1953, by C. R. Follett. 21 pp., map, chart, Dec. 1953.
- B5307. Records of Water-Level Measurements in Swisher County, Texas, 1914-1953, by C. R. Follett. 25 pp., map, chart, Dec. 1953.
- B5401. Pumpage of Ground Water and Decline of Artesian Pressure in the Houston District, Texas, During 1951 and 1952, by W. W. Doyel, A. G. Winslow, and W. L. Naftel. 31 pp., 21 figs., Jan. 1954 (June 1954).
- B5402. Summary of Ground-Water Development in the Southern High Plains, Texas, by E. R. Leggat. 23 pp., 10 figs., Feb. 1954.
- B5403. Ground-Water Resources of Cameron County, Texas, by O. C. Dale and W. O. George. 66 pp., 4 figs., 1 pl., Feb. 1954.
- B5404. Records of Water-Level Measurements in Dallam, Hansford, Hartley, Hutchinson, Moore, Ochiltree, and Sherman Counties, Texas, compiled by C. R. Follett. 45 pp., 7 maps, chart, Mar. 1954.
- B5405. Records of Water-Level Measurements in Martin County, Texas, 1936-1953, compiled by C. R. Follett. 14 pp., chart, Apr. 1954.
- \*B5406. Records of Water-Level Measurements in Bailey, Briscoe, Castro, Parmer, Potter, and Randall Counties, Texas, compiled by C. R. Follett. 59 pp., 6 maps, 5 charts, Apr. 1954.
- B5407. Records of Water-Level Measurements in Cochran, Crosby, Gaines, Hockley, Lynn, and Terry Counties, Texas, compiled by C. R. Follett. 51 pp., 6 maps, 6 charts, Apr. 1954.
- B5408. Records of Water-Level Measurements in Loving and Ward Counties, Texas, compiled by C. R. Follett. 26 pp., 2 maps, chart, May 1954.
- B5409. Salt Water and Its Relation to Fresh Ground Water in Harris County, Texas, by A. G. Winslow and W. W. Doyel. 40 pp., 15 figs., June 1954.
- B5410. Ground-Water Development in the Southern High Plains of Texas, 1953, by E. R. Leggat. 9 pp., 2 figs., July 1954.
- \*B5411. Ground-Water Resources of Tom Green County, Texas, by G. W. Willis. 105 pp., 12 figs., 2 pls., Sept. 1954.
- \*B5412. Ground-Water Resources of the San Antonio Area, Texas, A Progress Report of Current Studies, by J. W. Lang. 32 pp., 6 figs., Aug. 1954.
- \*B5413. Records of Wells in Bastrop County, Texas, by G. M. Austin. 47 pp., 1 pl., Sept. 1954.
- B5414. Records of Water-Level Measurements in Reeves County, Texas, compiled by C. R. Follett. 31 pp., Sept. 1954.
- \*B5415. Records of Water-Level Measurements in Culberson, Hudspeth, and Jeff Davis Counties, Texas, compiled by C. R. Follett. 34 pp., 3 maps, 4 charts, Nov. 1954.
- B5416. Records of Water-Level Measurements in Atascosa and Frio Counties, Texas, compiled by B. W. Swartz. 26 pp., 2 maps, 2 charts, Dec. 1954.
- B5417. Records of Water-Level Measurements in El Paso County, Texas, compiled by C. R. Follett. 50 pp., map, Dec. 1954.
- B5418. Ground-Water Resources of Jones County, Texas, by A. G. Winslow, W. W. Doyel, and C. H. Gaum. 32 pp., 2 figs., 1 pl., Dec. 1954.
- \*B5501. Records of Wells in Hays County, Texas, by K. J. DeCook and W. W. Doyel. 63 pp., 1 pl., Feb. 1955.

- B5502. Geology and Ground-Water Resources of Galveston County, Texas, by B. M. Petitt, Jr. and A. G. Winslow. 225 pp., 33 figs., 3 pls., Oct. 1955.
- B5503. Records of Water-Level Measurements in Haskell and Knox Counties, Texas, by C. R. Follett. 18 pp., 2 maps, 2 charts, Sept. 1955.
- B5601. Geology and Ground-Water Resources of Medina County, Texas, by C. L. R. Holt, Jr. 289 pp., 15 figs., 14 pls., Aug. 1956.
- B5602. Pumpage of Ground Water and Changes in Artesian Pressure in the Houston District and Baytown-LaPorte Area, Texas, 1953-55, by L. A. Wood. 41 pp., 23 figs., Feb. 1956.
- \*B5603. Ground-Water Resources of the El Paso District, Texas, Progress Report No. 7, by R. E. Smith. 36 pp., 6 figs., 1 pl., Feb. 1956.
- B5604. Ground-Water Resources of the Crane Sandhills, Crane County, Texas, by G. H. Shafer. 108 pp., 7 figs., 1 pl., Mar. 1956.
- B5605. Basic Data and Summary of Ground-Water Resources of Chambers County, Texas, by W. W. Doyel. 91 pp., 9 figs., 1 pl., Feb. 1956.
- B5606. Records of Water-Level Measurements in Bexar County, Texas, by C. R. Follett. 61 pp., map, 2 charts, Mar. 1956.
- B5607. Water-Level Decline Maps of 17 Counties, Southern High Plains, Texas, Jan. 1955 to Jan. 1956, by C. R. Follett. 20 pp., 17 maps, Apr. 1956.
- B5608. Ground-Water Resources of the San Antonio Area, Texas, by B. M. Petitt, Jr. and W. O. George. Volume I, 85 pp., 25 figs., 12 pls., July 1956 [Out of print]; Volume II, Part I, 255 pp., 1 pl., July 1956; Volume II, Part II, 288 pp., July 1956; Volume II, Part III, 231 pp., 1 pl., July 1956.
- B5609. Records of Water-Level Measurements in Medina County, Texas, 1930 to March 1956, by C. R. Follett. 25 pp., map, 2 charts, Apr. 1956.
- B5610. Records of Water-Level Measurements in Comal and Guadalupe Counties, Texas, 1933 to March 1956, by C. R. Follett. 34 pp., map, 2 charts, Apr. 1956.
- B5611. Records of Water-Level Measurements in Kinney, Uvalde, and Val Verde Counties, Texas, 1929 to March 1956, by C. R. Follett. 72 pp., 3 maps, 5 charts, May 1956.
- B5612. Records of Water-Level Measurements in Hays, Travis, and Williamson Counties, Texas, 1937 to May 1956, by C. R. Follett. 74 pp., 3 maps, 5 charts, July 1956.
- B5613. Records of Water-Level Measurements in Childress, Cottle, Hardeman, and King Counties, Texas, 1940 to Jan. 1956, by C. R. Follett. 28 pp., 4 maps, 4 charts, July 1956.
- B5614. Records of Water-Level Measurements in Foard and Wilbarger Counties, Texas, 1936 to Jan. 1956, by C. R. Follett. 32 pp., 2 maps, 4 charts, Aug. 1956.
- B5615. Ground-Water Resources of the Hueco Bolson, Northeast of El Paso, Texas, by D. B. Knowles and R. A. Kennedy. 270 pp., 21 figs., 1 pl., Aug. 1956.
- B5617. Records of Water-Level Measurements in Dimmit, Maverick, and Zavala Counties, Texas, 1920, 1928 to Sept. 1956, by C. R. Follett. 76 pp., 3 maps, 4 charts, Dec. 1956.
- \*B5701. Artificial-Recharge Experiments at McDonald Well Field, Amarillo, Texas, by E. A. Moulder and D. R. Frazor. 37 pp., 15 figs., Jan. 1957.
- B5702. Records of Water Levels in Bastrop and Caldwell Counties, Texas, 1937 through Dec. 1956, by B. W. Swartz. 24 pp., 2 maps, 2 charts, Apr. 1957.

- B5703. Records of Water Levels in Aransas and San Patricio Counties, Texas, 1938 Through Dec. 1956, by B. W. Swartz. 26 pp., 2 maps, 2 charts, Apr. 1957.
- B5704. Geology and Ground-Water Resources of Lamb County, Texas, by E. R. Leggat. 187 pp., 19 figs., 3 pls., Mar. 1957.
- B5705. Water Level Decline Maps, 1956 to 1957, and Water Levels In Observation Wells in 20 Counties in the Southern High Plains, Texas, compiled by C. R. Follett. 44 pp., 20 maps, Apr. 1957.
- B5706. The Use of Ground Water for Irrigation in Childress County, Texas, by G. H. Shafer. 21 pp., 3 figs., Mar. 1957.
- B5707. Water Level Maps and Water Levels in Observation Wells in the North High Plains, Texas, by C. R. Follett. 17 pp., 7 maps, May 1957 (Revised Aug. 1957).
- B5708. Records of Wells in Travis County, Texas, by Ted Arnow. 32 pp., 1 fig., 1 pl., July 1957.
- B5709. Geology and Ground-Water Resources of Tarrant County, Texas, by E. R. Leggat. 187 pp., 26 figs., 9 pls., Sept. 1957.
- B5710. Ground-Water Geology of Wilson County, Texas, by R. B. Anders. 66 pp., 9 figs., 3 pls., July 1957.
- B5711. Ground-Water Resources of Goliad County, Texas, by O. C. Dale, E. A. Moulder, and Ted Arnow. 97 pp., 8 figs., 3 pls., Sept. 1957.
- B5712. Ground-Water Geology of the Alpine Area, Brewster, Jeff Davis, and Presidio Counties, Texas, by R. T. Littleton and G. L. Audsley. 91 pp., 9 figs., 2 pls., Sept. 1957.
- \*B5801. Ground-Water Geology in the Vicinity of Dove & Croton Creeks, Stonewall, Kent, Dickens, and King Counties, Texas, With Special Reference to Salt-Water Seepage, by L. G. McMillion. 57 pp., 11 figs., 2 pls., July 1958.
- \*B5802. Ground-Water Conditions in Carson County, Texas, by Chris Gard. 120 pp., 6 figs., 2 pls., Aug. 1958.
- \*B5803. Ground-Water Geology of Real County, Texas, by A. T. Long. 50 pp., 10 figs., 3 pls., Oct. 1958.
- B5804. Records of Water-Level Measurements in Jackson, Matagorda, and Wharton Counties, Texas, 1934 to April 1958, by F. A. Rayner. 36 pp., 3 maps, 3 charts, Dec. 1958.
- \*B5805. Pumpage of Ground Water and Fluctuations of Water Levels in the Houston District and Baytown-LaPorte Area, Texas, 1955-57, by L. A. Wood. 43 pp., 27 figs., Dec. 1958.
- B5806. Records of Water-Level Measurements in Collingsworth, Hemphill, Roberts, and Wheeler Counties, Texas, 1937 Through July 1958, by F. A. Rayner. 26 pp., 4 maps, 3 charts, Dec. 1958.
- B5807-A. Compilation of Surface Water Records in Texas Through September 1957. 505 pp., Sept. 1958. Price: \$12.25.
- \*B5807-B. Texas Index of Surface Water Records, Discharge, Sediment, Chemical Quality, and Water Temperature. 61 pp., Nov. 1958.
- B5807-C. Summary of Peak Flood Flow Measurements and Other Measurements of Stream Discharge in Texas at Points Other Than Gaging Stations. 262 pp., 4 pls., Feb. 1959 (June 1961). Price: \$7.75.
- B5807-D. Channel Gain and Loss Investigations, Texas Streams, 1918-1958. 278 pp., 31 figs., Apr. 1960. Price: \$3.00.
- B5807-E. Texas Stream-Gaging Program: Evaluation and Recommendations. 37 pp., 4 figs., 2 pls., Oct. 1960.
- \*B5808. Pumpage of Ground Water and Changes in Water Levels in Galveston County, Texas, 1952-57, by L. A. Wood. 28 pp., 13 figs., 1 pl., Dec. 1958.

- B5901. Records of Water-Level Measurements in Chambers, Liberty, and Montgomery Counties, Texas, 1931 Through April 1958, by F. A. Rayner. 35 pp., 3 maps, 3 charts, Jan. 1959.
- B5902. Records of Water-Level Measurements in Bell, McLennan, and Somervell Counties, Texas, 1930 Through 1957, by F. A. Rayner. 20 pp., 3 maps, 3 charts, Feb. 1959.
- \*B5903. Records of Water-Level Measurements in Crockett, Glasscock, Reagan, Upton, and Terrell Counties, Texas, 1937 Through 1957, by F. A. Rayner. 23 pp., 4 maps, 3 charts, Mar. 1959.
- B5904. Records of Water-Level Measurements in Brazoria, Fort Bend, and Waller Counties, Texas, 1931 Through June 1958, by F. A. Rayner. 57 pp., 6 figs., 3 maps, Feb. 1959.
- \*B5905. Chemical Composition of Texas Surface Waters, 1956. 59 pp., Jan. 1959.
- B5906. Records of Water-Level Measurements in Crane and Midland Counties, Texas, 1937 Through 1957, by F. A. Rayner. 14 pp., 2 maps, 2 charts, Mar. 1959.
- B5907. Records of Water-Level Measurements in Mitchell, Nolan, Sterling, and Tom Green Counties, Texas, 1938 Through 1957, by F. A. Rayner. 30 pp., 3 maps, 3 charts, Mar. 1959.
- \*B5908. Water-Level Measurements and Maps, Southern High Plains, Texas, 1958 and 1959, by F. A. Rayner. 49 pp., 23 maps, June 1959.
- \*B5909. Water-Level Measurements and Maps, Northern High Plains, Texas, 1958 and 1959, by F. A. Rayner. 19 pp., 8 maps, Aug. 1959.
- \*B5910. Water Requirements Survey for Texas [prepared by Bureau of Business Research, University of Texas]. 82 pp., 1 pl., July 1959.  
Price: \$2.00.
- B5911. Ground-Water Geology of Bexar County, Texas, by Ted Arnow. 62 pp., 13 figs., 4 pls., Oct. 1959. Price: \$1.00
- B5912. Inventory and Use of Sedimentation Data in Texas [prepared by Soil Conservation Service U.S.D.A.]. 89 pp., 5 figs., 2 pls., Jan. 1959.  
Price: \$1.25.
- B5913. Texas Index of Meteorological Data. 59 pp., Oct. 1959.  
Price: \$0.80.
- \*B5914. A Study of Droughts in Texas, by R. L. Lowry, Jr. 81 pp., 1 fig., 11 pls., Dec. 1959. Price: \$1.00.
- B5915. Chemical Composition of Texas Surface Waters, 1957, by L. S. Hughes. 80 pp., Nov. 1959. Price: \$0.70.
- B5916. Geology and Ground-Water Resources of Winkler County, Texas, by Sergio Garza and J. B. Wesselman. 216 pp., 15 figs., 8 pls., Nov. 1959.
- B6001. Surface Runoff from Texas Watersheds and Sub-Basins. 274 pp., 2 figs., 2 maps, Feb. 1960. Price: \$3.00.
- B6002. Brine Production and Disposal on the Lower Watershed of Chambers and Richland Creeks, Navarro County, Texas, by F. L. Osborne, Jr. and V. M. Shamburger, Jr. 73 pp., 4 figs., 2 pls., Mar. 1960.
- B6003. Geology and Ground-Water Resources of Dimmit County, Texas, by C. C. Mason. 251 pp., 10 figs., 13 pls., June 1960.
- \*B6004. Geology and Ground-Water Resources of Hays County, Texas, by K. J. DeCook. 170 pp., 10 figs., 7 pls., Aug. 1960.
- B6005. Water-Level Measurements in Culberson, Hudspeth, and Jeff Davis Counties, Texas, by Jack Stearman. 9 pp., 3 maps, Apr. 1960.
- \*B6006. Monthly Reservoir Evaporation Rates for Texas, 1940 Through 1957. 95 pp., 5 pls., May 1960. Price: \$1.25.

- B6007. Ground-Water Geology of Karnes County, Texas, by R. B. Anders. 110 pp., 10 figs., 4 pls., July 1960.
- B6008. Water Levels in Observation Wells in Cameron, Hidalgo, and Starr Counties, Texas, 1950-1959, by Jack Stearman. 9 pp., 3 maps, May 1960.
- B6009. Water Levels in Observation Wells in Haskell and Knox Counties, Texas, 1956-1960, by Jack Stearman. 11 pp., 2 maps, 2 charts, June 1960.
- \*B6010. Geology and Ground-Water Resources of Hale County, Texas, by J. G. Cronin and L. C. Wells. 158 pp., 17 figs., 3 pls., Nov. 1960.
- B6011. Water Levels in Observation Wells, Southern High Plains, Texas, 1959 and 1960, by Jack Stearman. 49 pp., 23 maps, July 1960.
- \*B6012. Water Levels in Observation Wells, Northern High Plains, Texas, 1958-1960, by Jack Stearman. 19 pp., 8 maps, Aug. 1960.
- B6013. Geology and Ground-Water Resources of Grayson County, Texas, by E. T. Baker, Jr. 155 pp., 19 figs., 1 pl., Sept. 1960.
- B6014. Ground-Water Resources of the Lower Rio Grande Valley Area, Texas, by R. C. Baker and O. C. Dale. Volume I, 88 pp., 10 figs., 14 pls., Feb. 1961; Volume II, 340 pp., 1 pl., Feb. 1961.
- B6015. Water Levels in Observation Wells in Atascosa and Frio Counties, Texas, 1955-1960, by Jack Stearman. 11 pp., 2 maps, 2 charts, Sept. 1960.
- \*B6016. Reconnaissance Investigation of the Ground Water Resources of the Canadian River Basin, Texas. 33 pp., 1 fig., 4 pls., Sept. 1960.
- \*B6017. Ground-Water Geology of the Hickory Sandstone Member of the Riley Formation, McCulloch County, Texas, by C. C. Mason. 89 pp., 14 figs., 1 pl., Feb. 1961.
- \*B6018. Irrigation in Texas in 1958. 254 pp., 2 pls., Nov. 1960.
- B6019. Consumptive Use of Water by Major Crops in Texas, by L. L. McDaniels. 51 pp., Nov. 1960 (Sept. 1961, July 1962).
- B6101. Water Levels in Observation Wells, Southern High Plains, Texas, 1960 and 1961, compiled by D. C. Draper. 56 pp., 26 maps, Mar. 1961.
- \*B6102. Geology and Ground-Water Resources of Carson County and Part of Gray County, Texas, Progress Report No. 1, by A. T. Long, Jr. 49 pp., 11 figs., Mar. 1961.
- \*B6103. Annual Water-Level Measurements in Observation Wells, Northern High Plains, Texas, 1960 and 1961, compiled by R. C. Lucas. 21 pp., 9 maps, Mar. 1961.
- \*B6104. Chemical Composition of Texas Surface Waters, 1958, by L. S. Hughes and Wanda Jones. 88 pp., 3 figs., 1 pl., Apr. 1961.  
Price: \$1.00.
- \*B6105. Ground-Water Geology of Live Oak County, Texas, by R. B. Anders and E. T. Baker, Jr. 128 pp., 7 figs., 5 pls., Apr. 1961.
- B6106. Geology and Ground-Water Resources of Pecos County, Texas, by C. A. Armstrong and L. G. McMillion. Volume I, 250 pp., 12 figs., 15 pls., Oct. 1961; Volume II, 298 pp., Oct. 1961.
- B6107. A Summary of the Occurrence and Development of Ground Water in the Southern High Plains of Texas, by J. G. Cronin. 110 pp., 19 figs., Sept. 1961.
- B6108. Silt Load of Texas Streams, A Compilation Report, June 1889-September 1959, compiled by I. M. Stout, L. C. Bentz, and H. W. Ingram. 242 pp., 1 pl., Dec. 1961.

- B6109. Geology and Ground-Water Resources of the Northern High Plains of Texas, Progress Report No. 1, by W. H. Alexander, Jr. 47 pp., 5 figs., 4 pls., Nov. 1961 (June 1964).
- \*B6110. Ground-Water Reconnaissance of the Marfa Area, Presidio County, Texas, by M. E. Davis. 44 pp., 4 figs., Dec. 1961.
- B6111. A Reconnaissance of the Ground-Water Resources of the Marathon Area, Brewster County, Texas, by K. J. DeCook. 54 pp., 3 figs., 2 pls., Dec. 1961.
- B6201. Recharge, Discharge, and Changes in Ground-Water Storage in the Edwards and Associated Limestones, San Antonio Area, Texas, A Progress Report on Studies, 1955-59, by Sergio Garza. 51 pp., 16 figs., 3 pls., Jan. 1962.
- B6202. Ground-Water Resources of Victoria and Calhoun Counties, Texas, by R. F. Marvin, G. H. Shafer, and O. C. Dale. 161 pp., 8 figs., 10 pls., Jan. 1962.
- B6203. Ground-Water Resources of the Lower Mesilla Valley, Texas and New Mexico, by E. R. Leggat, M. E. Lowry, and J. W. Hood. 199 pp., 20 figs., 3 pls., Mar. 1962.
- B6204. Development of Ground Water in the El Paso District, Texas, 1955-60, Progress Report No. 8, by E. R. Leggat. 65 pp., 12 figs., 5 pls., Mar. 1962.
- B6205. Chemical Composition of Texas Surface Waters, 1959, by L. S. Hughes and Wanda Shelby. 109 pp., 3 figs., 1 pl., Apr. 1962.
- B6206. Research in the Problem of Scaling of Electrodialysis Demineralizers, by D. A. Cowan. 40 pp., 14 figs., Apr. 1962.
- B6207. Water-Level Measurements through 1962 in Selected Observation Wells, Southern High Plains, Texas, compiled by the Staff of the Well Observation Program of the Ground Water Division. 158 pp., 26 maps, 3 charts, June 1962.
- B6208. Ground-Water Geology of Edwards County, Texas, by A. T. Long. 128 pp., 9 figs., 1 pl., Apr. 1962.
- B6209. Ground-Water Resources of Haskell and Knox Counties, Texas, by William Ogilbee and F. L. Osborne, Jr. 185 pp., 6 figs., 7 pls., Aug. 1962.
- B6210. Ground-Water Geology of Bandera County, Texas, by R. D. Reeves and F. C. Lee. 78 pp., 4 figs., 1 pl., May 1962.
- B6211. Pumpage of Ground Water and Fluctuation of Water Levels in the Houston District and the Baytown-La Porte Area, Texas, 1957-61, by R. B. Anders and W. L. Naftel. 56 pp., 26 figs., June 1962.
- \*B6212. Geology and Ground-Water Resources of Uvalde County, Texas, by F. A. Welder and R. D. Reeves. 263 pp., 11 figs., 5 pls., July 1962.
- B6213. Annual Water-Level Measurements in Observation Wells, Northern High Plains, Texas, 1961 and 1962, compiled by the Staff of the Well Observation Section of the Ground Water Division. 21 pp., 9 maps, July 1962.
- B6214. Geology and Ground-Water Resources of Reeves County, Texas, by William Ogilbee, J. B. Wesselman, and Burdge Ireland. Volume I, 213 pp., 10 figs., 13 pls., Sept. 1962; Volume II, 248 pp., Sept. 1962.
- B6215. Chemical Composition of Texas Surface Waters, 1960, by L. S. Hughes and Wanda Shelby. 109 pp., 3 figs., pl., Dec. 1962.
- B6216. Geology and Ground-Water Resources of Kinney County, Texas, by R. R. Bennett and A. N. Sayre. 176 pp., 15 figs., 26 pls., Dec. 1962.

- B6301. Availability of Ground Water from the Goliad Sand in the Alice Area, Texas, by C. C. Mason. 113 pp., 17 figs., pl., Mar. 1963.
- B6302. Availability and Quality of Ground Water in Smith County, Texas, by J. W. Dillard. 124 pp., 6 figs., 17 pls., May 1963.
- B6303. Pumpage of Ground Water and Changes in Water Levels in Galveston County, Texas, 1958-62, by R. B. Anders and W. L. Naftel. 37 pp., 12 figs., pl., Mar. 1963.
- B6304. Chemical Composition of Texas Surface Waters, 1961, by L. S. Hughes and Wanda Shelby. 130 pp., 4 figs., 1 pl., Sept. 1963.
- B6305. Reconnaissance Investigation of the Ground-Water Resources of the Gulf Coast Region, Texas, by L. A. Wood, R. K. Gabrysch, and Richard Marvin. 123 pp., 18 figs., 15 pls., June 1963.
- B6306. Reconnaissance Investigation of the Ground-Water Resources of the Red River, Sulphur River, and Cypress Creek Basins, Texas, by E. T. Baker, Jr., A. T. Long, Jr., R. D. Reeves, and L. A. Wood. 137 pp., 18 figs., 22 pls., July 1963.
- B6307. Reconnaissance Investigation of the Ground-Water Resources of the Sabine River Basin, Texas, by B. B. Baker, J. W. Dillard, V. L. Souders, and R. C. Peckham. 63 pp., 7 figs., 8 pls., Aug. 1963.
- B6308. Reconnaissance Investigation of the Ground-Water Resources of the Neches River Basin, Texas, by B. B. Baker, R. C. Peckham, J. W. Dillard, and V. L. Souders. 75 pp., 11 figs., 11 pls., Aug. 1963.
- B6309. Reconnaissance Investigation of the Ground-Water Resources of the Trinity River Basin, Texas, by R. C. Peckham, V. L. Souders, J. W. Dillard, and B. B. Baker. 120 pp., 18 figs., 17 pls., Sept. 1963.
- B6310. Reconnaissance Investigation of the Ground-Water Resources of the Brazos River Basin, Texas, by J. G. Cronin, G. H. Shafer, and P. L. Rettman. 163 pp., 24 figs., 11 pls., Dec. 1963.
- B6311. Floods in Texas--Magnitude and Frequency of Peak Flows, by J. L. Patterson. 223 pp., 19 figs., 2 pls., Dec. 1963.
- B6312. Ground-Water Resources of Refugio County, Texas, by C. C. Mason. 127 pp., 15 figs., 5 pls., Oct. 1963.
- B6401. Research on Evaporation Retardation in Small Reservoirs, 1958-63, by W. W. Meinke and W. J. Waldrip. 89 pp., 15 figs., Mar. 1964.
- B6402. Geology and Ground-Water Resources of Carson County and Part of Gray County, Texas, Progress Report No. 2, by G. D. McAdoo, E. R. Leggat, and A. T. Long. 30 pp., 8 figs., Mar. 1964.
- B6403. Fifty Years of Water Development in Texas, by S. D. Breeding, P. B. Jones, R. W. Harden, H. M. Cook, and J. P. Dougherty. 35 pp., 1 fig., Apr. 1964.
- B6404. Conservation Storage Reservoirs in Texas, Some Aspects and Chronology of Surface-Water Resources Development, by L. L. McDaniels. 51 pp., 1 fig., 1 pl., Apr. 1964.
- B6405. Reconnaissance of the Chemical Quality of Surface Waters of the Sabine River Basin, Texas and Louisiana, by L. S. Hughes and D. K. Leifeste. 74 pp., 12 figs., 2 pls., May 1964.
- B6406. Geology and Ground-Water Resources of Hardin County, Texas, by E. T. Baker, Jr. 199 pp., 26 figs., 8 pls., June 1964.
- B6407. Base-Flow Studies: Pedernales River, Texas, Quantity and Quality, April-May 1962, by P. H. Holland and L. S. Hughes. 19 pp., 2 figs., 1 pl., June 1964.
- B6408. Dams and Reservoirs in Texas, Historical and Descriptive Information, by C. L. Dowell. 256 pp., 19 photos, 1 pl., July 1964.

- B6409. Reconnaissance Investigation of the Ground-Water Resources of the Guadalupe, San Antonio, and Nueces River Basins, Texas, by W. H. Alexander, Jr., B. N. Myers, and O. C. Dale. 118 pp., 19 figs., 14 pls., Aug. 1964.
- B6410. Suspended-Sediment Load of Texas Streams, Compilation Report, October 1959-September 1961, by E. A. Adey and H. M. Cook. 56 pp., 1 pl., Nov. 1964.
- B6411. Chemical Quality of Surface Waters in the Hubbard Creek Watershed, Texas, Progress Report, September 1963, by C. H. Hembree and J. F. Blakey. 50 pp., 23 figs., Nov. 1964.
- B6412. Occurrence and Quality of Ground Water in Stephens County, Texas, by D. C. Bayha. 96 pp., 6 figs., 3 pls., Sept. 1964.
- B6413. Water-Supply Limitations on Irrigation from the Rio Grande in Starr, Hidalgo, Cameron, and Willacy Counties, Texas, by J. J. Vandertulip, L. L. McDaniels, and C. O. Rucker. 80 pp., 19 figs., Nov. 1964.
- B6414. Analysis of Unit Hydrographs for Small Watersheds in Texas, by W. L. Meier, Jr. 65 pp., 21 figs., Aug. 1964.
- B6415. Occurrence and Quality of Ground Water in Young County, Texas, by D. E. Morris. 106 pp., 9 figs., 3 pls., Dec. 1964.

## CIRCULARS

- C62-01. The Present Reconnaissance Study Program of the Chemical Quality of Streams in Texas. 17 pp., Apr. 1962.
- C62-02. Drainage Areas of Texas Streams, Sabine River Basin and Sabine-Neches Coastal Area. 24 pp., 2 figs., Oct. 1962.
- \*C62-03. Drainage Areas of Texas Streams, Neches River Basin and Neches-Trinity Coastal Area. 15 pp., 2 figs., Oct. 1962.
- C62-04. Texas Index of Surface Water Records, 1882-1961, Discharge, Sediment, Chemical Quality, and Water Temperature. 67 pp., Nov. 1962.
- C62-05. Drainage Areas of Texas Streams, San Jacinto River Basin and San Jacinto-Brazos Coastal Area. 15 pp., 2 figs., Oct. 1962.
- C62-06. Publications of the Texas Water Commission. 36 pp., map, Oct. 1962.
- C63-01. Drainage Areas of Texas Streams, Trinity River Basin and Trinity-San Jacinto Coastal Area. 23 pp., 2 figs., Feb. 1963.
- C63-02. Texas Gulf Coastal Industrial Water Survey, by Wilbur Meier. 28 pp., 7 figs., Apr. 1963.
- C63-03. The Development of the Science of Hydrology, by P. B. Jones, G. D. Walker, R. W. Harden, and L. L. McDaniels. 37 pp., fig., Apr. 1963 (Oct. 1963).
- C63-04. Annotated Bibliography of Surface-Water Publications and Open-File Reports of the Texas Water Commission and U. S. Geological Survey for Texas through June 1962, by W. B. Mills. 41 pp., May 1963.
- C63-05. Summary of the Ground-Water Aquifers in the Rio Grande Basin, by R. C. Peckham. 20 pp., 3 figs., June 1963.
- C63-06. Publications of the Texas Water Commission, As of August 31, 1963. 41 pp., map, Nov. 1963.
- C63-07. Drainage Areas of Texas Streams, San Antonio River Basin. 13 pp., 2 figs., Oct. 1963.
- C64-01. Water Levels and Chemical Analyses from Observation Wells in the Dell City Area, Hudspeth and Culberson Counties, Texas, 1948 Through January 1964, by J. W. Dillard and W. R. Muse. 26 pp., 1 pl., Mar. 1964.
- C64-02. Annotated Bibliography of Ground-Water Publications and Open-File Reports of the Texas Water Commission and U. S. Geological Survey for Texas through August 1963, by R. C. Baker and J. B. Brown. 89 pp., Dec. 1964.

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\* Out of print. See Introduction.

## MEMORANDUM REPORTS

- \*MR 62-01. Ground-Water Conditions in the Vicinity of Burnet, Texas, by J. R. Mount. 65 pp., 9 pls., Feb. 1962.
- MR 62-02. Reconnaissance Survey of Salt Water Disposal in the Mexia, Negro Creek, and Cedar Creek Oil Fields, Limestone County, Texas, by S. C. Burnitt, H. D. Holloway, and J. T. Thornhill. 34 pp., 2 figs., 2 pls., May 1962.
- MR 63-01. Brazos River Basin Reservoir Studies, Progress Report, May 1962, Chemical Quality and Stratification of Belton, Whitney, and Possum Kingdom Reservoirs, by H. B. Mendieta and J. F. Blakey. 37 pp., 9 pls., Feb. 1963.
- MR 63-02. Reconnaissance of Soil Damage and Ground-Water Quality, Fisher County, Texas, by S. C. Burnitt. 59 pp., 7 figs., 2 pls., Sept. 1963.
- MR 63-03. Investigation of Ground-Water Resources near Fredericksburg, Texas, by J. R. Mount. 119 pp., 8 figs., Nov. 1963.

## LIMITED-DISTRIBUTION REPORTS

Reports next listed were printed in small quantities for limited distribution. Suffix designation indicates that information contained in these reports is similar in character to that contained in Memorandum Reports (MR) or Circulars (C).

- \*LD-0162-MR. City of Hawkins, Wood County, Texas, Investigation of Ground-Water Contamination, by S. C. Burnitt. 28 pp., fig., 2 pls., Aug. 1962 (revised Mar. 1963).
- \*LD-0262-MR. Henderson Oil Field Area, Rusk County, Texas, Investigation of Ground-Water Contamination, by S. C. Burnitt. 16 pp., 2 figs., 1 pl., Oct. 1962.
- LD-0362-MR. City of Valera, Coleman County, Texas, Investigation of Ground-Water Contamination, by H. D. Holloway. 9 pp., fig., Nov. 1962.
- \*LD-0163-MR. Bacteriological Pollution of Ground Water in the Big Spring Area, Howard County, Texas, by H. D. Holloway. 17 pp., 4 figs., June 1963.
- LD-0263-MR. Ground-Water Availability at Whitney, Hill County, Texas, by J. R. Mount. 17 pp., 4 figs., Dec. 1963.
- \*LD-0164-MR. Definitions and Use of the Terms "Flood," "Floodflow," and "Baseflow," and Use of Discharge Hydrographic Analyses to Separate These Components of Streamflow, by L. L. McDaniels, G. D. Walker, and J. J. Vandertulip. 16 pp., Jan 1964.
- \*LD-0264-MR. A Summary of Recreation Facilities at Major Reservoirs in Texas, by L. B. Seward. 20 pp., Jan. 1964. [Prepared for Governor's Statewide Water Recreation Study Committee]
- \*LD-0364-MR. Investigation of Ground-Water Contamination in the Juliana and West Jud Oil Fields, Haskell and Stonewall Counties, Texas, by R. L. Crouch. 25 pp., 3 figs., 2 pls., Mar. 1964.

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\* Out of print. See Introduction.

- LD-0464-MR. Investigation of Alleged Ground-Water Contamination, Tri-Rue and Ride Oil Fields, Scurry County, Texas, by R. L. Crouch. 23 pp., 5 figs., 1 pl., Mar. 1964.
- LD-0564-MR. Investigation of Ground-Water Contamination, Coletto Creek Oil Field, Victoria County, Texas, by J. T. Thornhill. 25 pp., 11 figs., 1 pl., Mar. 1964.
- LD-0664. Investigation of Alleged Ground-Water Contamination near Kilgore, Gregg County, Texas, by H. D. Holloway. 19 pp., 2 figs., 1 pl., Apr. 1964.
- LD-0764. Investigation of Ground-Water Contamination, P.H.D., Hackberry, and Storie Oil Fields, Garza County, Texas, by S. C. Burnitt and R. L. Crouch. 101 pp., 13 figs., 1 pl., June 1964.
- LD-0864. Investigation of Ground-Water Contamination by Cotton Seed Delinting Acid Waste, Terry County, Texas, by B. E. Fink. 29 pp., 6 figs., 1 pl., Oct. 1964.

## PLANNING SERIES

The Texas Water Resources Planning Division of the Commission is directed by the Texas Water Planning Act of 1957 "To prepare and submit to the Legislature a state-wide report of the water resources of the State with a correlation and relationship of these resources and to make recommendations to the Legislature for the maximum development of the water resources of the State\*\*\*." Two major planning reports have been prepared and published by the Commission [Board] in this series, and one brochure. Supplementary reports of studies used in the preparation of these are listed together in the index to publications (page 39).

\* Texas Water Resources Planning at the End of the Year 1958. 170 pp., 4 figs., 21 pl., Dec. 1958.

A progress report to the Fifty-sixth Legislature treating in broad outline availability, development, and use of ground and surface water resources, with projections of probable water needs and a preliminary review of the planning for the development of the surface waters of the State by river authorities, Federal Agencies, and other authorized governmental agencies.

A Plan for Meeting the 1980 Water Requirements of Texas. 228 pp., 7 figs., 25 pls., May 1961 (June 1963).

A report of the Fifty-seventh Legislature proposing development programs for each of the State's 14 principal river basins and adjoining coastal areas, with special attention to the needs of large population and industrial centers. The plan proposes construction by 1980 of 45 new reservoirs and enlargement of 2 others to supplement the 73 existing reservoirs and 14 under construction, in order to meet a projected annual water requirement of 6,547,500 acre-feet.

TEXAS WATER PLANNING--A State Responsibility. 24 pp., Oct. 1964.

A brochure, prepared at the request of Governor John Connally for public distribution, showing the State's responsibility for preparing a longer-range, more comprehensive State Water Plan than heretofore envisioned for Texas and outlining what is needed to accomplish such a plan.

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\* Out of print. See Introduction.

The following reports on Texas water resource planning, prepared by or in cooperation with other agencies where indicated, have also been made available in limited quantities for free distribution by the Commission.

Water Developments and Potentialities of the State of Texas. 220 pp., 38 pls., June 1958.

Prepared jointly by the Texas Board of Water Engineers, U. S. Corps of Engineers, U. S. Bureau of Reclamation, and U. S. Soil Conservation Service; published and submitted by Governor Price Daniel to Senator Lyndon B. Johnson, who caused it to be reproduced as Senate Document 111, 85th Congress, 2d Session.

\*Views, Comments, and Recommendations of the Board of Water Engineers on the Proposed Report of the U. S. Study Commission-Texas--submitted to Governor Price Daniel, December 4, 1961. 26 pp.

Comments of State Agencies, Political Subdivisions (River Authorities & Conservation Districts), and Others on the Proposed Report of the U. S. Study Commission-Texas--which were submitted to the Board of Water Engineers by December 4, 1961. 98 pp., 1 pl.

#### BIENNIAL REPORTS.

Digests of the actions and accomplishments of the Texas Water Commission [prior to January 30, 1962, the Board of Water Engineers] were prepared and submitted to the Governor in compliance with the Revised Civil Statutes of Texas for the following Fiscal Years:

1. Sept. 1, 1913-Aug. 31, 1914. 47 pp., 2 figs., 1915.
- \* 2. Sept. 1, 1914-Aug. 31, 1916. 76 pp., 2 figs., 1917.
- \* 3. Sept. 1, 1916-Aug. 31, 1918. 68 pp., 2 figs., 1919.
- \* 6. Sept. 1, 1922-Aug. 31, 1924. 53 pp., Jan. 1925.
- \* 7. Sept. 1, 1924-Aug. 31, 1926. 41 pp., Jan. 1927.
- \* 8. Sept. 1, 1926-Aug. 31, 1928. 48 pp., [No date].
9. Sept. 1, 1928-Aug. 31, 1930. 48 pp., [No date].
- \*10. Sept. 1, 1930-Aug. 31, 1932. 46 pp., [No date].
11. Sept. 1, 1932-Aug. 31, 1934. 43 pp., Dec. 1934.
- \*12. Sept. 1, 1934-Aug. 31, 1936. 56 pp., Jan. 1937.
13. Sept. 1, 1936-Aug. 31, 1938. 51 pp., Jan. 1939.
- \*14. Sept. 1, 1938-Aug. 31, 1940. 79 pp., Dec. 1940.
- \*15. Sept. 1, 1940-Aug. 31, 1942. 60 pp., Dec. 1942.
- \*16. Sept. 1, 1942-Aug. 31, 1944. 75 pp., Dec. 1944.
- \*17. Sept. 1, 1944-Aug. 31, 1946. 94 pp., 8 figs., Dec. 1946.
18. Sept. 1, 1946-Aug. 31, 1948. 218 pp., 66 figs., Dec. 1948.
- \*19. Sept. 1, 1948-Aug. 31, 1950. 199 pp., 72 figs., Nov. 1950.
- \*20. Sept. 1, 1950-Aug. 31, 1952. 120 pp., 29 figs., Nov. 1952.
21. Sept. 1, 1952-Aug. 31, 1954. 121 pp., 28 figs., Nov. 1954.
22. Sept. 1, 1954-Aug. 31, 1956. 99 pp., 10 figs., [No date].
25. Sept. 1, 1960-Aug. 31, 1962. 156 pp., 7 figs., Jan. 1963.

\* Out of print. See Introduction.

MISCELLANEOUS UNNUMBERED PUBLICATIONS

(Alphabetized by county, city, area, or key subject word)

Letter suffixes appear with the sequential reference numbers in instances where additions to the listing have been made subsequent to initial alphabetizing and numbering. The number sequence is thus maintained and also the alphabetical arrangement; generally, the letter suffix does not indicate a subjective relationship between individual publications.

- \* 1. Ground-Water Resources of the Area Southwest of Amarillo, Texas, by W. H. Alexander, Jr. and J. H. Dante. 45 pp., map, Sept. 1946.
- \* 2. Artesian Water in the Elkhart Area, Southern Anderson County, Texas, by L. G. McMillion. 18 pp., 4 figs., Nov. 1956.
- \* 3. Andrews County, Texas [Records of Wells, South Half], by S. F. Turner. 34 pp., map, Dec. 1937.
- \* 4. Andrews County, Texas [Records of Wells]. 55 pp., map, May 1940.
- \* 5. Aransas County, Texas [Records of Wells]. 47 pp., map, Apr. 1940 (July 1950).
- \* 6. Armstrong County, Texas [Records of Wells]. 48 pp., 2 maps, Sept. 1940 (Oct. 1950).
- \* 7. Ground-Water Resources of Atascosa County, Texas, Progress Report. 55 pp., 2 maps, Aug. 1945 (Apr. 1953).
- 8. Austin County, Texas [Records of Wells]. 37 pp., map, Feb. 1938.
- \* 9. Bailey County, Texas [Records of Wells, Northeast Part]. 17 pp., map, June 1936.
- \*10. Bailey County, Texas [Records of Wells]. 53 pp., map, June 1937.
- \*11. Ground-Water Resources of the Balmorhea Area in Western Texas, by W. N. White, H. S. Gale, and S. S. Nye. 102 pp., 2 figs., 1 pl., Feb. 1938.
- \*12. Bee County, Texas [Records of Wells]. 31 pp., map, June 1940 (Apr. 1941).
- \*13. Ground-Water Resources of Bexar County, Texas, by Penn Livingston. 240 pp., 2 figs., 2 pls., May 1947.
- \*14. Blanco County, Texas [Records of Wells], by B. A. Barnes and J. C. Crumley. 56 pp., map, Jan. 1942.
- \*15. Texas Board of Water Engineers [Review of Board's Functions and Duties]. 9 pp., Sept. 1950.
- \*15a. Brief of State Board of Water Engineers of Texas, in the matter of: Treaty between the United States of America and the Republic of Mexico respecting the division and diversion of waters of the lower Rio Grande between the two countries, by J. E. Sturrock. 115 pp., chart, Oct. 1938.
- \*16. Ground-Water Resources of Borden County, Texas, by E. C. Ellis. 30 pp., 2 figs., Sept. 1949.
- \*17. Brazoria County, Texas [Records of Wells West of the Brazos River]. 45 pp., 4 pls., Sept. 1937.
- \*18. Brazoria County, Texas [Records of Wells East of the Brazos River], by S. F. Turner and Penn Livingston. 14 pp., 2 maps, Apr. 1939.
- \*19. Ground-Water Resources of Brazoria County, Texas, by C. R. Follett. 104 pp., map, Nov. 1947.
- \*20. Investigation of Contamination Complaint, Clemens Prison Farm, Brazoria County, Texas [Contamination Report No. 9], by R. C. Peckham. 10 pp., 4 pls., Aug. 1960.

\* Out of print. See Introduction.

- \*20a. Quality of Water of Brazos River in Vicinity of Possum Kingdom Dam, Texas, by W. W. Hastings. 115 pp., Feb. 1944.
- 21. Briscoe County, Texas [Records of Wells], by J. H. Dante. 26 pp., Sept. 1946 (Oct. 1950).
- \*22. Brooks County, Texas [Records of Wells]. 64 pp., map, 1940.
- \*23. Brown County, Texas [Records of Wells]. 26 pp., map, June 1938.
- \*24. Ground Water in the Vicinity of Bryan and College Station, Texas, by S. F. Turner. 44 pp., 2 figs., 1 pl., Jan. 1938 (July 1951).
- \*25. Ground Water Supply of Bryan, Texas, by B. A. Barnes, C. P. Follett, and R. W. Sundstrom. 41 pp., 8 figs., 1 pl., Aug. 1944 (Aug. 1951).
- \*26. Burleson County, Texas [Records of Wells]. 47 pp., map, Aug. 1937.
- \*27. Geology and Ground-Water Resources of Caldwell County, Texas, by W. C. Rasmussen. 62 pp., 2 pls., May 1947.
- \*28. Calhoun County, Texas [Records of Wells]. 71 pp., map, May 1941.
- \*29. Callahan County, Texas [Records of Wells]. 44 pp., map, Nov. 1940.
- \*30. Camp, Franklin, and Titus Counties, Texas [Records of Wells]. 42 pp., map, Feb. 1943 (Apr. 1950).
- \*31. Results of Pumping Tests of Wells at Camp Hood, Texas, by W. F. Guyton and W. O. George. 31 pp., 4 figs., Jan. 1943.
- \*32. Carson County, Texas [Records of Wells]. 51 pp., map, Apr. 1939.
- \*33. Cass County, Texas [Records of Wells], by C. R. Follett and W. N. White. 44 pp., 1 fig., map, Mar. 1942.
- \*34. Castro County, Texas [Records of Wells], by L. J. Ruman, J. W. Lang, and W. L. Broadhurst. 61 pp., map, Dec. 1939.
- \*35. Chambers County, Texas [Records of Wells]. 97 pp., 2 maps, Mar. 1942.
- \*36. Chemical Composition of Texas Surface Waters, 1938-1944, by W. W. Hastings and J. H. Rowley. 170 pp., Mar. 1945.
- \*37. Chemical Composition of Texas Surface Waters, 1938-1945, by W. W. Hastings and J. H. Rowley. 235 pp., Sept. 1946.
- \*38. Chemical Composition of Texas Surface Waters, 1946, by W. W. Hastings and Burdge Ireland. 43 pp., July 1947.
- \*39. Chemical Composition of Texas Surface Waters, 1947, by Burdge Ireland and J. R. Avrett. 58 pp., Sept. 1948.
- \*40. Chemical Composition of Texas Surface Waters, 1948, by Burdge Ireland, D. E. Weaver, and J. R. Avrett. 61 pp., June 1949.
- \*41. Chemical Composition of Texas Surface Waters, 1949. 72 pp., Oct. 1950.
- \*42. Chemical Composition of Texas Surface Waters, 1950. 107 pp., Mar. 1952.
- \*43. Chemical Composition of Texas Surface Waters, 1951. 66 pp., Dec. 1954.
- \*44. Chemical Composition of Texas Surface Waters, 1952. 64 pp., Feb. 1956.
- \*45. Chemical Composition of Texas Surface Waters, 1953. 63 pp., July 1956.
- \*46. Chemical Composition of Texas Surface Waters, 1954. 63 pp., Dec. 1956.
- \*47. Chemical Composition of Texas Surface Waters, 1955. 54 pp., July 1957.
- 48. Review of Chemical Quality-of-Water Data Collection Program in the Brazos River Basin. 11 pp., 1 pl., Jan. 1961.
- \*49. Cherokee County, Texas [Records of Wells]. 105 pp., map, Dec. 1936.
- \*50. Childress County, Texas [Records of Wells], by W. O. George and C. V. Foster. 39 pp., map, May 1942.
- 51. Circular of Information, Rules and Regulations of the Board of Water Engineers for the State of Texas Under Provisions of the Irrigation Act of 1913 (Chapter 171, General Laws of the Regular Session of the Thirty-Third Legislature). 26 pp., July 1914.

- \*52. Circular of Information, Containing a Reprint of Portions of the Revised General Irrigation Act of 1917, Together with Skeleton Application Forms, Requirements for Maps and Other Drawings, Fee List, and the Rules and Regulations of the Board of Water Engineers for the State of Texas. 34 pp., June 1917.
- \*53. Circular of Information, Containing a Reprint of Portions of the Revised General Irrigation Act of 1925, Together with Requirements for Maps and Other Drawings, Fee List, and the Rules and Regulations of the Board of Water Engineers for the State of Texas. 27 pp., Sept. 1925.
- \*54. Circular of Information, Containing a Reprint of Portions of the Revised General Irrigation Act of 1925, and Amendments, Together with Requirements for Maps and Other Drawings, Fee List, and the Rules and Regulations of the Board of Water Engineers for the State of Texas. 32 pp., Apr. 1945.
- \*55. Coleman County, Texas [Records of Wells]. 65 pp., map, Mar. 1938.
- 56. Collingsworth County, Texas [Records of Wells]. 63 pp., map, Apr. 1939.
- 57. Colorado County, Texas [Records of Wells]. 25 pp., map, Mar. 1938.
- \*58. Comal County, Texas [Records of Wells]. 42 pp., map, Aug. 1937.
- \*59. Geology and Ground Water Resources of Comal County, Texas, by W. O. George, W. W. Hastings, and S. D. Breeding. 147 pp., 7 figs., 5 pls., Feb. 1947.
- \*59a. Coastal Area Water Conference at Houston, Texas, October 20, 1948 [Compilation of Papers Presented]. 72 pp., 1948.
- \*59b. South Texas Water Conference at Corpus Christi, Texas, August 13, 1948 [Compilation of Papers Presented]. 89 pp., 1948.
- \*59c. West Texas Water Conference at Big Spring, Texas. 67 pp., Jan. 1948.
- \*59d. East Texas Water Conference at Tyler, Texas. 93 pp., May 1948.
- \*59e. Central Texas Water Conference at Waco, Texas. 94 pp., map, July 1948.
- 60. Underground Water Conservation Districts in Texas, by F. A. Rayner and L. G. McMillion [preliminary copies, subject to revision]. 66 pp., 5 figs., Aug. 1960.
- \*61. Water Requirements for Certain Irrigated Crops in Texas, by R. C. Garrett. 12 pp., 1 fig., Aug. 1951.
- \*62. Crosby County, Texas [Records of Wells]. 56 pp., map, Aug. 1939.
- 63. Memorandum on Ground-Water Resources in the Vicinity of Crowell, Texas, by W. O. George and C. E. Johnson. 33 pp., 5 figs., May 1941.
- 64. Dallam County, Texas [Records of Wells]. 49 pp., map, Aug. 1937 (Nov. 1953).
- \*65. Records of Wells Producing Water from the Travis Peak Formation in the Dallas Area, Texas, by Chris Gard. 13 pp., 3 figs., Jan. 1957.
- \*66. Dallas County, Texas [Records of Wells], by J. C. Cumley. 107 pp., 2 pls., Dec. 1943 (Oct. 1950).
- \*67. Dawson County, Texas [Records of Wells], by J. C. Cumley. 41 pp., map, Dec. 1938.
- \*68. Deaf Smith County, Texas [Records of Wells], by J. W. Lang and C. R. Follett. 53 pp., map, Nov. 1938.
- \*69. Deaf Smith County, Texas [Records of Wells], by W. H. Alexander, Jr. 85 pp., map, Oct. 1946.
- \*72. DeWitt County, Texas [Records of Wells]. 44 pp., map, June 1938.
- \*73. Donley County, Texas [Records of Wells]. 45 pp., map, June 1942.

- \*74. The Influence of Natural Depletion of River Flow Upon the Quantity of Water Available for Diversion. 15 pp., 6 figs., June 1951.
- \*75. Occurrence of Ground Water in the Palangana Brine Field, Duval County, Texas, by A. M. Austin. 12 pp., 2 pls., Apr. 1959.
- 76. Eastland County, Texas [Records of Wells]. 59 pp., map, Dec. 1937.
- \*77. Ector County, Texas [Records of Wells]. 34 pp., map, Aug. 1937.
- 78. Edwards County, Texas [Records of Wells]. 30 pp., map, July 1939.
- 79. Ground-Water Resources of the El Paso Area, Texas, Progress Report No. 6, by R. A. Scalapino and Burdge Irelan. 25 pp., 10 figs., Oct. 1949.
- \*80. Fayette County, Texas [Records of Wells]. 53 pp., map, Feb. 1943.
- \*82. Floyd County, Texas [Records of Wells], by W. L. Broadhurst, J. W. Lang, and G. H. Shafer. 50 pp., map, June 1938.
- \*83. Floyd County, Texas [Records of Wells], by C. R. Follett and J. H. Dante. 103 pp., map, Apr. 1946.
- 84. Foard County, Texas [Records of Wells]. 61 pp., map, May 1936.
- \* 85. Fort Bend County, Texas [Records of Wells, West of the Brazos River]. 52 pp., 5 pls., Mar. 1937.
- \* 86. Fort Bend County, Texas [Records of Wells, East of the Brazos River], by Penn Livingston and S. F. Turner. 13 pp., map, Apr. 1939.
- \* 87. Ground Water Resources of Fort Worth and Vicinity, Texas, by W. O. George and N. A. Rose. 25 pp., map, Sept. 1942.
- 88. Freestone County, Texas [Records of Wells]. 87 pp., map, June 1937 (May 1950).
- \* 89. Gaines County, Texas [Records of Wells], by G. H. Cromack. 27 pp., map, Feb. 1946 (Oct. 1950).
- \* 90. Report of Preliminary Investigation of the Occurrence of Ground Water in the Trinity Group near Gainesville, Cooke County, Texas, by R. W. Harden. 26 pp., 6 figs., 5 pls., Oct. 1960.
- \* 91. Galveston County, Texas [Records of Wells], by Penn Livingston and S. F. Turner. 29 pp., map, Apr. 1939.
- \* 92. Galveston County, Texas [Records of Wells], by B. A. Barnes. 157 pp., map, Oct. 1941.
- \* 93. Gillespie County, Texas [Records of Wells]. 51 pp., 5 pls., June 1937.
- 94. Glasscock County, Texas [Records of Wells]. 50 pp., map, Nov. 1937.
- \* 95. Gonzales County, Texas [Records of Wells]. 59 pp., map, May 1939.
- \* 96. Ground Water in the Greenville Area, Hunt County, Texas, by N. A. Rose. 8 pp., map, June 1945.
- \* 97. Gregg County, Texas [Records of Wells]. 93 pp., map, Feb. 1937.
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- \*214. Public Water Supplies in Eastern Texas, by R. W. Sundstrom, W. W. Hastings, and W. L. Broadhurst. Volume I, 250 pp., Feb. 1945; Volume II, 229 pp., Feb. 1945.
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- \*246. Seepage Losses from Canals in Texas. 103 pp., 6 figs., July 1946.
- 247. Shelby County, Texas [Records of Wells]. 33 pp., map, Mar. 1938.
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- \*271. Sterling County, Texas [Records of Wells], by W. O. George and J. C. Dalgarn. 60 pp., 2 maps, May 1942 (June 1950).
- \*272. Surface Water Reservoirs of Texas. 59 pp., Dec. 1956.
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- \*302. Winter Garden District in Dimmit and Zavala Counties and Eastern Maverick County, Texas [Records of Wells]. 125 pp., 3 pls., 1940.
- \*303. Wood County, Texas [Records of Wells], by C. R. Follett. 43 pp., map, June 1942.
- \*304. Yoakum County, Texas [Records of Wells], by G. H. Cromack. 30 pp., map, May 1945.
- \*305. Contamination of Surface and Ground Water in Southeast Young County, Texas, by R. T. Littleton. 15 pp., 1 fig., June 1956.

## REPORTS OF THE STATE RECLAMATION DEPARTMENT

Next listed are a report of the State Levee and Drainage Commissioner and numerous bulletins that were published by successive State Reclamation Engineers, which are now distributed by the Texas Water Commission. Publications that are priced are so indicated in this list only if distribution stocks are available.

The office of State Reclamation Engineer was created by an act of the Thirty-third Legislature in 1913. An earlier act had created a State Levee and Drainage Board with comparable duties. In 1939, the functions of the State Reclamation Engineer were transferred to the Commissioner of the General Land Office and the office of State Reclamation Engineer was abolished. Under the provisions of Senate Bill 398 of the Fifty-second Legislature in 1962, the Board of Water Engineers [now the Texas Water Commission] is assigned the powers and duties of the State Reclamation Engineer and is responsible for the distribution of these reports.

- \* 1. The First Technical Report of the State Levee and Drainage Commissioner on the Reclamation of the Overflowed Lands. 78 pp., 1912.
- \* 2. Levee and Drainage Laws of Texas. 61 pp., Dec. 1913.
- \* 3. Amendments and Other Levee and Drainage Laws of Texas [To accompany Bulletin No. 2]. 23 pp., Apr. 1914.
- \* 4. Levee and Drainage Laws of Texas. 91 pp., June 1915.
- \* 5. Tables of Cubic Contents of Levee Embankments. 216 pp., June 1917.
  - 5-A. Factors for Obtaining Cubic Yards on Sloping Cross Sections from Cubic Yards on Level Cross Sections--Base Widths and Vertical Heights on Level Cross Sections with Zero Crowns [Supplement to Bulletin No. 5]. 26 pp., Oct. 1918. Price: \$0.35.
- \* 6. Tables of Velocity of Water in Open Channels, Derived from Kutter's Formula. 135 pp., Aug. 1917.
- \* 7. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Texas, Established by the State Reclamation Department, 1912-1917. 288 pp., Aug. 1917.
- 8. Factors for the Interconversion of Latitudes and Departures in Feet and Differences of Latitude and Longitude in Seconds for Latitudes 25° to 50° [M. and P. Factors]. 57 pp., June 1918 (Sept. 1955).  
Price: \$3.00.
- 9. Report of the State Reclamation Engineer for the Two Years ending August 31, 1918. 25 pp., Sept. 1918.
- \*10. Levee and Drainage Laws of Texas: Digest of 1919 [with amendments to the drainage laws down to 1925]. 139 pp., Dec. 1919.
- \*11. Table for Obtaining Differences of Elevation and Horizontal Distances from Vertical Angles and Stadia Distances [Stadia Table]. 141 pp., June 1921.
- \*12. Levee Laws of Texas: Digest of 1925. 73 pp., July 1925.
- 13. Biennial Report of the State Reclamation Engineer, August 31, 1926, with a List of Levee Improvement Districts. 38 pp., Sept. 1926.
- \*14. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Texas, Established by the State Reclamation Department, 1916-1926, with a Reprint of Some Earlier Work. 187 pp., Dec. 1926.

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\* Out of print. See Introduction.

- 14-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Dallas, Kaufman, and Ellis Counties, Trinity River and White Rock Creek, 1926 [Reprint of part of Bulletin 14]. 42 pp., Nov. 1938. Price: \$0.35.
- 14-B. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Houston and Leon Counties, Trinity River, 1923-25 [Reprint of part of Bulletin 14]. 23 pp., Nov. 1938. Price: \$0.35.
- 14-C. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Henderson, Anderson, and Freestone Counties, Trinity River and Cedar Creek, 1925 [Reprint of part of Bulletin 14]. 29 pp., Oct. 1938. Price: \$0.35.
- 14-D. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Matagorda and Wharton Counties, Lower Colorado River, 1924 [Reprint of part of Bulletin 14]. 47 pp., June 1938. Price: \$0.35.
- 14-E. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Hidalgo, Willacy, and Cameron Counties, Lower Rio Grande and Arroyo Colorado, 1924-25 [Reprint of part of Bulletin 14]. 27 pp., Oct. 1938. Price: \$0.35.
- 14-F. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Delta, Hunt, and Hopkins Counties, South and Middle Sulphur Rivers, 1925 [Reprint of part of Bulletin 14]. 9 pp., Nov. 1938. Price: \$0.15.
- 14-G. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Jim Wells, Nueces, and San Patricio Counties, Nueces River, 1925-26 [Reprint of part of Bulletin 14]. 23 pp., Dec. 1938. Price: \$0.35.
- 14-H. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Falls, Burleson, Milam, Brazos, Washington, Grimes, and Waller Counties, Brazos River, Little River, and Big Creek [Reprint of part of Bulletin 14]. 23 pp., Jan. 1939. Price: \$0.35.
15. Forms for Use in Creating a Levee District Under the Act of 1925, Based on Court Records. 60 pp., June 1928.
- \*16. Biennial Report of the State Reclamation Engineer, August 31, 1928, with a List of Levee Improvement Districts. 49 pp., Sept. 1928.
- \*17. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Texas, Established by the State Reclamation Department, 1925-1929. 133 pp., Apr. 1929.
- 17-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Navarro, Freestone, Kaufman, Henderson, and Anderson Counties: Chambers and Richland Creeks; Brushy, Kings, and Cedar Creeks; and Trinity River, 1925-29 [Reprint of part of Bulletin 17]. 33 pp., Oct. 1945 (Sept. 1955). Price: \$0.35.
- 17-B. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Travis, Fannin, and Wise Counties, Colorado River, North Sulphur River, and Denton Creek, 1925-29 [Reprint of part of Bulletin 17]. 16 pp., Sept. 1945. Price: \$0.35.
- 17-C. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Galveston County (Mainland), 1925-29 [Reprint of part of Bulletin 17]. 46 pp., Oct. 1945 (Sept. 1955). Price: \$0.35.
- 17-D. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Starr and Cameron Counties, Rio Grande River and Arroyo Colorado, 1925-29 [Reprint of part of Bulletin 17]. 20 pp., Oct. 1945 (July 1957). Price: \$0.35.
- \*18. A Study of Rainfall in Texas: Charts and Diagrams. 170 pp., Aug. 1929.

- \*19. Biennial Report of the State Reclamation Engineer, August 31, 1930, with Lists of Levee Districts and Drainage Districts. 48 pp., Sept. 1930.
- \*20. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Texas, Established by the State Reclamation Department, 1929-1931, with Some Co-Operative Work. 151 pp., Aug. 1931.
- 21. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Texas, Established by the State Reclamation Department, 1931-1932, with Some Earlier Work. 87 pp., Aug. 1932. Price: \$1.00.
- 22. Biennial Report of the State Reclamation Engineer, August 31, 1932, with Lists of Levee Districts and Drainage Districts. 47 pp., Sept. 1932.
- 23. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Texas, Established by the State Reclamation Department, 1932-1934. 90 pp., Oct. 1934. Price: \$1.00.
- 24. Biennial Report of the State Reclamation Engineer, August 31, 1934, with Lists of Levee Districts and Drainage Districts. 44 pp., map, Oct. 1934.
- 25. Excessive Rainfall in Texas [Revision of Bulletin 18]. 157 pp., 115 figs., Nov. 1934. Price: \$2.00.
- \*26. Texas Prison System Properties [Report of a complete survey of the Texas Prison System giving sketches and field notes for each farm]. 51 pp., 12 maps, Feb. 1935.
- 27. Practical Aspects of Flood Control and Reclamation of Overflowed Lands. 87 pp., 38 figs., Dec. 1935. Price: \$1.00.
- 28. Biennial Report of the State Reclamation Engineer, August 31, 1936, with Lists of Levee Districts and Drainage Districts. 68 pp., map, Oct. 1936.
- 29-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Hidalgo and Willacy Counties, 1935-36. 52 pp., Feb. 1937 (Sept. 1955). Price: \$0.35.
- \*29-B. Latitude, Longitude, and Sea Level Elevation in Texas, Lampasas County, Sulphur and Burleson Creeks, 1936-38. 3 pp., July 1937.
- \*30-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Smith, Cherokee, and Nacogdoches Counties, Mud Creek and Angelina River, 1934-37. 45 pp., June 1938.
- 30-B. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Nueces County, Corpus Christi and Vicinity, 1937-38. 15 pp., July 1938. Price: \$0.25.
- \*30-C. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Navarro County, Richland Creek, 1938. 17 pp., map, Aug. 1938.
- 31. Biennial Report of the State Reclamation Engineer, August 31, 1938. 38 pp., map, Dec. 1938.
- \*32-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Dallas County, Ten Mile Creek; Coryell County, Leon River; Eastland County, South Fork Leon River; Tom Green County, North Concho River; Grimes County, Caney Creek, 1935-1937. 20 pp., Mar. 1939 (Sept. 1955).
- 32-B. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Harris County, Houston Ship Channel and Industrial Area, 1938-39. 46 pp., map, May 1945 (Sept. 1955). Price: \$0.35.
- [33-38: We have no record of bulletins with these numbers.]
- 39-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Fort Bend and Brazoria Counties, Brazos River, 1938. 15 pp., Oct. 1939 (Sept. 1955). Price: \$0.25.

- 39-B. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Denton, Tarrant and Dallas Counties, Denton Creek, 1938. 8 pp., Dec. 1939 (July 1957). Price: \$0.15.
- 40-A. Latitude, Longitude, and Sea Level Elevation of Bench Marks in the City of Lufkin, Angelina County, 1939. 17 pp., Feb. 1940 (Sept. 1955). Price: \$0.35.
- 40-B. Latitude, Longitude, and Sea Level Elevation of Bench Marks in Montgomery, Walker, Grimes, Waller, San Jacinto, and Liberty Counties, San Jacinto River Conservation and Reclamation District, 1939. 27 pp., Mar. 1940 (Sept. 1955). Price: \$0.35.
- \*-- Levee Report No. 1, Levee Improvement Districts of Texas. 60 pp., 4 maps, Jan. 1937.
- \*-- Report of Colorado River Flood of July-August, 1938, Submitted to Senate Investigating Committee, 45th Legislature. 12 pp., 3 charts, Sept. 1938.
- \*-- An Outline of Procedure for Running Third Order Transit Traverse and Computations of Geodetic Positions for Same as Followed by the Texas Reclamation Department. 1937.
- An Outline of the Procedure for Running Third Order Transit Traverse and Computations of Geodetic Positions for Same and Computed into Plane Coordinates as Followed by the General Land Office. 14 pp., map, May 1940 (Mar. 1946). Price: \$0.25.

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Each report is referenced under the major topic or purpose of the report. Abbreviations used are as follows: B, Bulletin; C, Circular; MR, Memorandum Report; U, Unnumbered publication (numbers assigned for indexing purposes). LD denotes small quantities printed for limited distribution.

### Ground Water

#### Counties

Included herein are reports of local areas within one or more counties as well as reports of county areas. Additional information for many of these counties may be found in the reports of larger districts and areas which are listed in the succeeding section of this index. For convenience, counties that are included in the larger districts and areas are referenced to them by footnotes.

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