

A BIBLIOGRAPHY PERTAINING TO THE
PECOS RIVER BASIN IN NEW MEXICO

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This bibliography is intended to aid those investigators involved in this project and also all other agencies that deal with the Pecos River. This listing was compiled on 4" x 6" cards and any additions or corrections would be greatly appreciated.

Bibliography listings are in alphabetical order by the author's name if known and by the publishing agency when no author is given. Cross indexing by subject matter is provided at the end of the bibliography.

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A BIBLIOGRAPHY PERTAINING TO THE PECOS

RIVER BASIN IN NEW MEXICO

- Akin, P. D., Murray, C. R., and Theis, C. V., 1952, "Five Ground-Water Investigations for U. S. Army Airfield near Fort Sumner, New Mexico": New Mexico State Engineer 15th and 17th Biennial Reports, 1942-45, p. 293-322
- Allen, John Eliot, Kottowski, Frank E., 1958, "Roswell-Capitan-Ruidoso-Bottomless Lakes Park, New Mexico": Guidebook #3, New Mexico Bureau of Mines and Mineral Resources
- Ash, S. R., 1963, "Ground-Water Conditions in Northern Lea County, New Mexico": U. S. Geological Survey Hydrology Atlas HA-52, 2 sheets
- Aston, Roger R., 1957, "Developing Recognition of New Mexico's Water Problems": 2nd Annual (New Mexico) Water Conference, State College, New Mexico College Agriculture, Mechanical Arts, p. 28-29 (1958)
- Bachman, G. O., and Dane, C. H., 1962, "Preliminary Geologic Map of the Northeastern Part of New Mexico": U. S. Geological Survey Miscellaneous Geological Inventory Map I-358, 1 sheet
- Bailey, Vernon, 1913, "Life Zones and Crop Zones of New Mexico": North American Fauna no. 35, U. S. Department of Agriculture, 100 p.
- Ballance, W. C., and others, 1962, "Ground-Water Levels in New Mexico, 1960": New Mexico State Engineer Technical Report 27, 215 p.
- Ballance, W. C., 1962, "Ground-Water Levels in New Mexico, 1961": New Mexico Engineer Basic Data Report, 130 p.
- Ballance, W. C., 1963, "Ground-Water Levels in New Mexico, 1962": New Mexico State Engineer Basic Data Report, 126 p.
- Ballance, W. C., 1965, "Ground-Water Levels in New Mexico, 1963": New Mexico State Engineer Basic Data Report, 143 p.
- Baltz, Elmer, 1959, "Diagrams Showing Relationships of Permian Rocks in Part of Eddy County, New Mexico": (TEM-1035) U. S. Geological Survey open-file report
- Barnes, Jack R., 1953, "Report of Feasibility, Rehabilitation of Water Supply and Facilities": Hagerman Irrigation Company, 57 p., 19 illustrations, 44 tables
- Bates, Robert L., 1942, "The Oil and Gas Resources of New Mexico":

New Mexico Bureau of Mines and Mineral Resources, Bulletin #18.

- Bates, Robert L, Burkes, Marian R., 1945, "Geologic Literature of New Mexico Through 1944"; New Mexico Bureau of Mines and Mineral Resources, Bulletin #22
- Bates, Robert L, 1946, "Future Oil Possibilities of New Mexico"; New Mexico Bureau of Mines and Mineral Resources, Circular #12.
- Bean, Robert T., 1949, "Geology of the Roswell Artesian Basin, New Mexico, and its Relation to the Hondo Reservoir": U. S. Geological Survey open-file report, 110 p.
- Berkstresser, Charles F. Jr., Mourant, Walter A., 1966, "Geology and Ground-water Resources of Quay County, New Mexico"; New Mexico Bureau of Mines and Mineral Resources, Ground-Water Report #9
- Bieberman, Robert A., Diddle, Betty, 1952, "Index to Samples from Oil and Gas Well Tests in Library at Socorro, New Mexico"; New Mexico Bureau of Mines and Mineral Resources, Circular #22.
- Bieberman, Robert A., Crespin, Florence B., 1956, "Index to Samples from Oil and Gas Well Tests in Library at Socorro, New Mexico, 1955 through 1957"; New Mexico Bureau of Mines and Mineral Resources, Circular #45
- Bieberman, Robert A., Dowdle, Mary M., 1958, "Index to Samples From Oil and Gas Well Tests in Library at Socorro, New Mexico, 1955 through 1957"; New Mexico Bureau of Mines and Mineral Resources, Circular #45
- Bjorklund, Louis J., 1958, "Flow Analysis of Carlsbad Springs, Eddy County, New Mexico": U. S. Geological Survey open-file report, 25 p.
- Bjorklund, Louis J., and Motts, Ward S., 1959, "Geology and Water Resources of the Carlsbad Area, Eddy County, New Mexico"; U. S. Geological Survey open-file report, 322 p.
- Blaney, Harry F., 1958, "Consumptive Use of Ground -Water by Poreatophytes and Hydrophytes": Third Annual (New Mexico) Water Conference, University Park 1958, New Mexico State University, p. 90-110 (1959)
- Blaney, Harry F., and Hanson, E. G., 1965, "Consumptive Use and Water Requirements in New Mexico"; New Mexico State Engineer Technical Report 32, 82 p.

- Blynn, Linda P., Ballenger, Sharon L., 1962, "Index to Samples from Oil and Gas Well Tests in Library at Socorro, New Mexico, 1958 through 1961": New Mexico Bureau of Mines and Mineral Resources, Circular #61
- Boardman, Leona, Brown, Annabel, and Bove, A. N., 1956, "Geologic Map Index of New Mexico": U. S. Geological Survey, 1 sheet
- Bodine, M. S., Jr., 1956, "Geology of Capitan Coalfield, Lincoln County, New Mexico": New Mexico Bureau of Mines and Mineral Resources Circular 35, 25 p.
- Borton, Robert L., 1961, "Geohydrology of the San Andres Limestone, Roswell Basin": (abstract) in New Mexico Geological Society Guidebook, 12th Field Conference, Albuquerque County, New Mexico, October 6-8, 1961: p. 197.
- Botkin, C. W., and Smith, E. C., 1942, "Effect of Irrigation Water and Cropping on the Nutrients and Exchangeable Bases of Desert Soils": New Mexico State University Agricultural Experiment Station, Bulletin #292
- Brown, R. H., 1936, "A Southwestern Oasis; the Roswell Region, New Mexico": Geographical Review, American Geographic Society., New York, v. 26, no. 4, p. 610-619, 9 figs.
- Brown, C. B., 1937, "Rates of Silting in Representative Reservoirs throughout the United States": American Geophysical Union Transactions, v. 18, pt. 2, p. 554-557.
- Bryan, Kirk, 1925-26, "Ground-Water Reconnaissance in De Baca County, New Mexico": New Mexico State Engineer 7th Biennial Report, Santa Fe, New Mexico, p. 88-91.
- Bunte, Arnold S., 1960, "The Northwest Recharge Area of the Roswell Artesian Basin, with Emphasis on the Glorieta Sandstone as a Recharging Aquifer": Pecos Valley Artesian Conservancy District Bulletin No. 1, 22 p. (1961)
- Bunte, Arnold S., 1962, "The Southern Portion of the Recharge Area of the Roswell Artesian Basin": Pecos Valley Conservancy District Bulletin No. 1, Supplement, 10 p., 5 figures.
- Burks, Marian R., Schilling, John H., 1955, "Bibliography of New Mexico Geology and Mineral Technology through 1950": New Mexico Bureau of Mines and Mineral Resources, Bulletin #43
- Bryan, Kirk, 1925, "Date of channel trenching in the arid Southwest": Science News Service, v. 62, no. 1607, p. 338-344.

- Bryan, Kirk, 1940, "Erosion in the Valleys of the Southwest": New Mexico Quarterly, vol. 10, no. 4, p. 227-232.
- Carlsbad Chamber of Commerce, (no date), "Your Future is Great in Carlsbad": vol. 2, no. 2, 44p.
- Cave, H. S., 1963, "The Capitan Basin, Lincoln County, New Mexico": Pecos Valley Artesian Conservancy District, 11 p. Appendix.
- Chang, C. W., Dregene, H. E., Nightingale, H. E., 1956, "Relation of Soil pH in Salt Solutions to Exchangeable Sodium Percentages": New Mexico State University Agricultural Experiment Station, Research Report #5, Revised.
- Chen, D. Y., Long, R. B., 1965, "Pump Irrigation Costs--Lea County": New Mexico State University Agricultural Experiment Station, Research Report #111
- Clark, Robert E., 1957, "New Mexico Water Law and Policy": 2nd Annual (New Mexico) Water Conference, State College, New Mexico College of Agriculture and Mechanical Arts, p. 30-41 (1958)
- Clark, Robert E., 1957, "Annual Progress Report 1957": New Mexico State Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (Closed File)
- Clark, Robert E., 1958, "Water Law Institutions and the Community": New Mexico Quarterly, vol. 28, nos. 2,3,4, p. 97-112 (1959)
- Clark, Robert E., 1959, "The Pueblo Rights Doctrine in New Mexico": Fourth Annual New Mexico Water Conference, University Park, New Mexico, p. 29-42 (1960)
- Clark, Robert E., 1961, "Annual Report 1961-62", New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (Closed File)
- Clark, Robert E., 1963, "The Law and the Future of Saline Water Conversion": Eighth Annual New Mexico Water Conference, Proceedings, University Park, New Mexico, p. 56-60.
- Clark, Robert E., 1964, "Direct and Residual Effects of Two Mixtures of Nitrogen and Phosphorous Upon the Growth Rate of Acala Cotton in the Pecos Valley": Agronomy Journal, vol. 56, no. 1.
- Clarke, F. W., 1924, "The Composition of the River and Lake Waters of the United States": U. S. Geological Survey Professional Paper 135, p. 128-129.

- Classen, A. G., 1949, "Engineerin Report on Survey and Study of Municipal Water Works System for the City of Carlsbad, New Mexico": Ashley G. Classen and Associates, El Paso, Texas, 40 p. (mimeographed)
- Clebsch, Alfred, Jr., 1958, "Effect of Solution and Collapse on Ground-Water Movememt in Western Guadalupe County, New Mexico": Geological Society of America Bulletin, vol. 69, no. 12, p. 1725.
- Conover, C. S., and Akin, P. D., 1942, "Progress Report on the Ground-Water Supply of Northern Lea County, New Mexico": New Mexico State Engineer 14th and 15th Biennial Reports, 1938-42, p. 283-309.
- Conover, C. S., 1951, "Ground-Water Resources in New Mexico": New Mexico Professional Engineer, vol. 3, nos. 7 and 8, 14 p., 5 figs.
- Conover, C. S., 1952, "Conditions in Rattlesnake Springs Area, Eddy County, New Mexico": (Letter to John H. Bliss, State Engineer, October 6, 1952): U. S. Geological Survey open-file report
- Conover, C. S., 1953, "Some Aspects of Water Resources of New Mexico", 6 p. U. S. Geological Survey open-file report
- Conover, C. S., and others, 1955, "The Occurrence of Ground-Water in South-Central New Mexico": in New Mexico Geological Society Guidebook 6th Field Conference, South-Central New Mexico: 1955, p. 108-120.
- Conover, C. S., and others, 1956, "Results of Spot Discharge Measurements and Chemical Analysis of Water Along the Pecos River, Tributaries, and Diversion between Acme and Artesia, New Mexico": 8 p. (Duplicated copies available.) (In cooperation with Interstate Stream Commission, New Mexico State Engineer and the Pecos River Commission.) U. S. Geological Survey open-file report
- Conover, C. S., and others, 1957, "Four Illustrations Pertaining to Salt-Water Encroachment East of Roswell, New Mexico": (pertaining to hearing before the State Engineer on January 11, 1957.) (In cooperation with New Mexico State Engineer.)
- Conover, C. S., Reeder, H. O., and Willett, J. R., 1962, "Summary of Changes in Water Levels in Observation Wells, 1942 to 1946, New Mexico": New Mexico State Engineer 16th and 17th Biennaial Reports, 1942-46, p. 371-390.
- Cooper, J. B., 1960, "Geologic Section from Carlsbad Caverns National Park through the Project Gnome Site, Eddy and

- Lea Counties, New Mexico": U. S. Geological Survey TEI 767, 1 sheet.
- Cooper, J. B., 1961, "Road Log from Carlsbad, New Mexico, to Project Gnome Site": U. S. Geological Survey open-file report
- Cooper, J. B., 1961, "Ground-Water Investigations of the Project Gnome Area, Eddy and Lea Counties, New Mexico": U. S. Geological Survey Report TEI 802.
- Cooper, J. B., 1962, "Test Holes Drilled in Support of Ground-Water Investigation, Project Gnome, Eddy County, New Mexico": U. S. Geological Survey open-file report
- Cooper, J. B., 1962, "Observations of Water Levels During the Gnome Event": U. S. Atomic Energy Commission Report PNE-130p, p. 14-19.
- Cooper, J. B., "Note on Post-Rustler Red Beds of Permian Age of Southeast New Mexico and West Texas": art. 9 in U. S. Geological Survey Professional Paper 450-B, p. 24-26
- Cooper, J. B., 1963, "Completion and Development of USGS Test Hole 8 and USGS Test Hole 4, Carlsbad Hydrologic Studies, Eddy County, New Mexico": U. S. Geological Survey Technical Letter Carlsbad Hydrology 1, 9 p.
- Cooper, J. B., 1963, "Ground-Water in Cenozoic Fill in Collapse Structures, Southeastern Eddy County, New Mexico, in Geological Research, 1962": U. S. Geological Professional Paper 450-E, p. 152-153.
- Cox, E. R., 1957, "Preliminary Results of Test Drilling Between Lake McMillan and Major Johnson Springs, Eddy County, New Mexico": U. S. Geological Survey open-file report, 28 p.
- Cox, E. R., and Havens, J. S., 1961, "Evaluation of the Queen Lake Depressions as a Storage Basin for Brine, Eddy County, New Mexico": U. S. Geological Survey open-file report, 110 p.
- Cox, E. R., and Kunkler, J. L., 1962, "Feasibility of Injecting Brine from Malaga Bend into the Delaware Mountain Group, Eddy County, New Mexico": U. S. Geological Survey open-file report, 71 p.
- Cox, E. R., 1963, "Effects of Three Irrigation Wells on the Flow of Rattlesnake Springs, Eddy County, New Mexico, February 1, 1961, to February 1, 1962": U. S. Geological Survey open-file report, 37 p.

- Cox, E. R., 1965, "Geology and Hydrology Between Lake McMillan and Carlsbad Springs, Eddy County, New Mexico": U. S. Geological Survey, open-file report
- Cummings, W. F., 1892, "Report on the Geography, Topography, and Geology of the Llano Estacado or Staked Plains": Texas Geological Survey 3rd Annual Report for 1891, p. 129-223.
- Cushman, R. L., and others, 1962, "Possibilities of Retarding Saline-Water Encroachment in the Roswell Basin by Retirement of Water Rights": U. S. Geological Survey, open-file report
- Cushman, R. L., 1965, "Evaluation of the Hydraulic Characteristics of the Major Johnson Springs Aquifer, Eddy County, New Mexico": U. S. Geological Survey open-file report, 38 p., Illustrations
- Dalrymple, Tate, and others, 1939, "Floods in the Canadian and Pecos River Basins of New Mexico, May and June 1937": U. S. Geological Survey, Water-Supply Paper #842.
- Dane, Carle H., Bachman, George O., 1958, "Preliminary Geologic Map of the Southeastern Part of New Mexico": Miscellaneous Investigations Map I-256, U. S. Geological Survey, Maps and Charts
- Darton, N. H., 1922, "Geologic Structure of Parts of New Mexico": U. S. Geological Survey Bulletin 726, p. 173-275.
- DeWilde, E. G., 1961, "Reconnaissance Report on the Geology and Ground-Water Conditions in the Vicinity of Flying H Ranch, Roswell Artesian Basin": New Mexico State Engineer open-file report
- Dinwiddie, G. A., 1963, "Municipal Water Supplies and Uses, Southeastern New Mexico": New Mexico State Engineer Technical Report 29A, 140 p.
- Dorroh, J. H. Jr., 1946, "Certain Hydrologic and Climatic Characteristics of the Southwest": University of New Mexico Publications in Engineering No. 1
- Dregne, H. E., Maker, H. J., 1955, "Fertility Levels of New Mexico Soils": New Mexico State University Agricultural Experiment Station, Bulletin #396.
- Dregne, H. E., 1964, "Plant Response to Fertilizers on a Saline Soil": New Mexico State University Agricultural Experiment Station, Research Report #94.

- Dutton, C. E., 1890, "Report of Captain C. E. Dutton", in Tenth Annual Report of the United States Geological Survey to the Secretary of the Interior, 1888-89, pt. 2, Irrigation: U. S. Government Printing Office, p. 78-79.
- Fiedler, A. G., 1926, "Report on Investigations of the Roswell Artesian Basin, Chaves and Eddy Counties, New Mexico": New Mexico State Engineer 7th Biennial Report, p. 21-60
- Fiedler, A. G., September 8, 1927, "Ground-Water in New Mexico Now Subject to Appropriation": Engineering News-Record, vol. 99, no. 10, p. 395
- Fiedler, A. G., 1927, "Correspondence Regarding Leaking Wells, Roswell, New Mexico": U. S. Geological Survey open-file report
- Fiedler, A. G., 1928, "The Au Deep-Well Current Meter and its Use in the Roswell Artesian Basin, New Mexico": U. S. Geological Survey Water -Supply Paper 598, p. 24-32.
- Fiedler, A. G., and Nye, S. S., 1928, "Ground-Water Investigation of the Roswell Artesian Basin, New Mexico": New Mexico State Engineer 8th Biennial Report, p. 81-107.
- Fiedler, A. G., 1930, "New Mexico Law on Artesian Water Only Unconstitutional on Technicality", Water Works Engineer, vol. 83, no. 26, p. 1844.
- Fiedler, A. G., and Nye, S. S., 1930, "Recommendations for a More Efficient Utilization of the Water Resources of the Roswell Artesian Basin, New Mexico": New Mexico State Engineer 9th Biennial Report, p. 389-421.
- Fiedler, A. G., and Nye, S. S., 1932, "Progress Report of the Roswell Artesian Basin Investigation": New Mexico State Engineer 10th Biennial Report, p. 162-182.
- Fiedler, A. G., and Nye, S. S., 1933, "Geology and Ground-Water Resources of the Roswell Artesian Basin, New Mexico": U. S. Geological Survey Water-Supply Paper 639, 372 p.
- Fiedler, A. G., 1958, "A Look at New Mexico's Water Problems": 3rd Annual (New Mexico) Water Conference, University Park, 1958, New Mexico State University, p. 62-74 (1959)
- Fisher, C. A., 1906, "Preliminary Report on the Geology and Underground Waters of the Roswell Artesian Area, New Mexico": U.S. Geological Survey Water-Supply Paper 158, 29 p.
- Flook, Lyman R., Jr., 1959 "Pecos River Base Flow Hydrology": Tipton and Kalmbach, Incorporated, Denver, 10 p.

- Flook, Lyman R., Jr., 1959, "Supplement to Report on Pecos River Base Flow Hydrology": Tipton and Kalmbach, Incorporated, Denver, 3 p.
- Foster, Roy W., Crespin, Florence B., 1955, "Subsurface Completion Data of Wells Drilled for Oil and Gas During 1954": New Mexico Bureau of Mines and Mineral Resources, Circular #31.
- Foster, Roy W., Schilling, Constance F., 1956, "Subsurface Completion Data of Wells Drilled for Oil and Gas During 1955": New Mexico Bureau of Mines and Mineral Resources, Circular #42.
- Griggs, R. L., and Hendrickson, G. E., 1951, "Geology and Ground-Water Resources of San Miguel County, New Mexico": New Mexico Institute of Mining and Technology, State Bureau of Mines and Mineral Resources Ground-Water Report 2, 121 p.
- Griswold, George B., 1958, "New Mexico's Underground Resources": New Mexico Bureau of Mines and Mineral Resources, Miscellaneous Report
- Grover, N. C., 1927, "Contributions to the Hydrology of the United States": U. S. Geological Survey Water-Supply Paper 596
- Grover, N. C., 1927, "Contributions to the Hydrology of the United States": U. S. Geological Survey Water-Supply Paper 580
- Hackett, O. M., 1963, "Ground-Water Levels in the United States, 1956-60, Southwestern States (Arizona, California, Hawaii, Nevada, New Mexico)": U. S. Geological Survey Water-Supply Paper 1770, 160 p.
- Hale, W. E., Theis, C. V., 1942, "Memorandum on Ground-Water Conditions in the Vicinity of the City Airport Southwest of Carlsbad, New Mexico": New Mexico State Engineer 14th and 15th Biennial Reports 1938-42, Santa Fe, New Mexico, p. 219-234.
- Hale, W. E., 1945, "Ground-Water Conditions in the Vicinity of Carlsbad, New Mexico": U. S. Geological Survey, open-file report, 80 p., 7 figs.
- Hale, W. E., and Nicholson, Alexander Jr., 1953, "Three Maps of a Portion of Lea County, New Mexico":
(1) Contour Map of the Bottom of the Ogallala Formation
(2) Contour Map Showing Elevation of the Water Table, and
(3) Map Showing Thickness of the Zone of Saturation in the Ogallala Formation.
(Ozalid prints available) U.S Geological Survey open-file

- Hale, W. E., Hughes, L. S., and Cox, E. R., 1954, "Possible Improvement of Quality of Water of the Pecos River by Diversion of Brine at Malaga Bend, Eddy County, New Mexico": Pecos River Commission, 43 p.
- Hale, W. E., 1955, "Ground-Water Conditions in the Vicinity of Rattlesnake Springs, Eddy County, New Mexico": New Mexico State Engineer Technical Report 3, 54 p.
- Hale, W. E., and Clebsch, Alfred, Jr., 1958, "Preliminary Appraisal of Ground-Water Conditions in Southeastern Eddy County and Southwestern Lea County, New Mexico": U. S. Geological Survey open-file report, 22 p., 3 figs.
- Hale, W. E., 1961, "Availability of Ground-Water in New Mexico": 6th Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering, and Science, p. 23-30.
- Hale, W. E., 1962, "Ground-Water Conditions in the Vicinity of Carlsbad, New Mexico, 1945": New Mexico State Engineer 16th and 17th Biennial Reports, 1942-46, p. 194-260.
- Hale, W. E., Reiland, L. J., and Beverage, J. P., 1965, "Characteristics of the Water Supply in New Mexico": New Mexico State Engineer Technical Report 31, 131 p.
- Hale, W. E., "Hydrographs and Maps of the Roswell Area, New Mexico": U. S. Geological Survey open-file report
- Hanson, E. G., Knisel, W. G., 1964, "Influences of Irrigation Practices on Cotton Production and Fiber Properties": New Mexico State University Agricultural Experiment Station Bulletin #483
- Hantush, M. S., 1955, "Preliminary Quantitative Study of the Roswell Ground-Water Reservoir, New Mexico": New Mexico Institute of Mining and Technology, 113 p.
- Hantush, M. S., 1961, "Aquifers Tests on Saline Water Wells Near Roswell": New Mexico Institute of Mining and Technology open-file report, 21 p.
- Harrington, Eldred R., 1957, "Sinkholes, Bottomless Lakes, and the Pecos River": Science Monthly, vol. 84, no. 6, p.302-308; 1958, New Mexico Professional Engineer, vol. 10, no. 1, p. 4-6.
- Harris, Charles D., 1957, "Beneficial Use, Preferential Rights, Problems in Trasfer of Water Rights, and Other Problems Under New Mexico Statues": 2nd Annual (New Mexico) Water Conference, State College, 1957, New Mexico College of Agriculture and Mechanical Arts, p. 65-71 (1958)

- Havenor, K. C., 1965, "Stratigraphic Test Well #1": Pecos Valley Artesian Conservancy District, 11 p. and appendix
- Havens, J. S., 1964, "Recharge Studies on the High Plains in Northern Lea County, New Mexico": U. S. Geological Survey open-file report
- Hayes, P. T., 1957, "Geology of the Carlsbad Caverns East Quadrangle, New Mexico": scale 1 inch to 1 mile. Map GQ-98, Geologic Quadrangle Maps of the United States, U. S. Geological Survey, Maps and Charts
- Hayes, P. T., Koogler, R. L., 1958, "Geology of the Carlsbad Caverns West Quadrangle, New Mexico-Texas": scale 1 inch to 1 mile. Map GQ-112, Geologic Quadrangle Maps of the United States, U. S. Geological Survey, Maps and Charts
- Hayes, P. T., 1964, "Geology of the Guadalupe Mountains": U. S. Geological Survey Professional Paper #446
- Hem, J. D., and Hughes, L. S., 1948, "Quality of the Water in the Tucumcari Irrigation Project, New Mexico": U. S. Geological Survey open-file report
- Hem, J. D., 1960, "Chemical Equilibrium Diagrams for Ground-Water Systems": International Association Scientific Hydrology, Bulletin #19, p. 45-53
- Hendrickson, G. E., and Jones, R. S., 1952, "Geology and Ground-Water Resources of Eddy County, New Mexico": New Mexico Institute of Mining and Technology, State Bureau of Mineral Resources Ground-Water Report 3, 169 p.
- Herrick, E. H., 1951, "Ground-Water Conditions in the Vicinity of Black River Village, Eddy County, New Mexico": U. S. Geological Survey open-file report, 9 p.
- Hill, R. T., 1893, "On the Occurrence of Artesian and Other Underground Waters in Texas, Eastern New Mexico, and Indian Territory, West of the 97th Meridian": 52nd Congress, 1st Session, Senate Ex. Document 41, pt. 3, p. 41-166
- Hinton, R. J., 1893, "A Report on Irrigation and the Cultivation of the Soil Thereby": 52nd Congress, 1st Session, Senate Ex. Document 41, pt. 1, p. 198-227
- Hood, J. W., 1959, "Ground-Water in the Tularosa Basin, New Mexico, in the Vicinity of Boles Well Field, Otero County, New Mexico": U. S. Geological Survey open-file report, 17 p.

- Hood, J. W., and Kister, L. R., 1960, "Saline-Water Resources of New Mexico": U. S. Geological Survey Water-Supply Paper 1601, 67 p.
- Hood, J. W., Mower, R. W., and Grogin, M. J., 1960, "The Occurrence of Saline Ground-Water Near Roswell, Chaves County, New Mexico": New Mexico State Engineer Technical Report #17, 93 p.
- Hood, J. W., 1960, "Summary of Saline Ground-Water Conditions in the Roswell Basin, Chaves and Eddy Counties, New Mexico, in 1958-59": U. S. Geological Survey open-file report, 24 p.
- Hood, J. W., and Cushman, R. L., 1961, "Appraisal of Ground-Water Conditions at Sites 2, 4, and 5, Missile Launch Complexes, Walker Air Force Base, New Mexico": U. S. Geological Survey open-file report
- Hood, J. W., 1963, "Saline Ground-Water in the Roswell Basin, Chaves and Eddy Counties, New Mexico, 1958-59": U. S. Geological Survey Water-Supply Paper 1539-M, 46 p.
- Hood, J. W., and Herrick, E. H., 1965, "Water Resources of the Three Rivers Area, Otero and Lincoln Counties, New Mexico": U. S. Geological Survey HA-192, 1 p.
- Horton, R. E., 1945, "Erosional Development of Streams and Their Drainage Basins--Hydrophysical Approach to Quantitative Morphology": Geological Society of America, Bulletin V56
- Howard, C. S., 1937, "Report of the Committee on the Chemistry of Natural Waters": American Geophysical Union Transaction, p. 342-343
- Howard, C. S., and White, W. F., Jr., 1938, "Chemical Character of Pecos River Water in New Mexico, 1937-38": New Mexico State Engineer Bulletin 4, p. 1-14
- Howard, C. S., 1942, "Quality of Stored Water Available for Use in the Lower Basin of the Pecos River": American Geophysical Union Transaction, p. 593-598
- Howard, J. W., Jr., 1954, "Reconnaissance of Ground-Water Conditions in Curry County, New Mexico": New Mexico State Engineer Technical Report 1, 35 p., 1 fig., 3 tables
- Hutchins, W. A., 1955, "The New Mexico Law of Water Rights": New Mexico State Engineer Technical Report 4, p. 47-58
- Jahns, R. H., 1949, "Desert Floods": Engineering and Science Monthly, Pasadena, California, May issue

- King, Robert E., 1945, "Stratigraphy and Oil-Producing Zones of the Pre-San Andres Formations of Southeastern New Mexico-- A Preliminary Report": New Mexico Bureau of Mines and Mineral Resources, Bulletin #23
- Koenig, L., 1958, "Disposal of Saline Water Conversion Brines-- An Orientation Study": Research and Development Progress Report No. 20, Office of Saline Water, U. S. Department of the Interior
- Kottowski, Frank E., 1960, "Geologic Research in New Mexico During 1959": New Mexico Bureau of Mines and Mineral Resources, Circular #56
- Kottowski, Frank E., 1962, "Reconnaissance of Commercial High-Calcium Limestone in New Mexico": New Mexico Bureau of Mines and Mineral Resources, Circular #60
- Krieger, R. A., Harchect, J. L., Poole, J. L., 1957, "Preliminary Survey of the Saline-Water Resources of the United States": U. S. Geological Survey Water-Supply Paper 1374
- Lamb, N. Raymond, Macey, W. B., 1947, "Oil and Gas Production Data, Eddy County, New Mexico 1943-45": New Mexico Bureau of Mines and Mineral Resources, Circular #14
- Lamb, N. Raymond, Macey, W. B., 1947, "New Mexico Oil and Gas Production Data for 1946 (Exclusive of Lea County)": New Mexico Bureau of Mines and Mineral Resources, Circular #6
- Lamb, N. Raymond, Macey, William B., 1947, "Caprock Pool Statistical Report, Chaves and Lea Counties, New Mexico": New Mexico Bureau of Mines and Mineral Resources, Circular #17
- Lamb, N. Raymond, 1948, "New Mexico Oil and Gas Statistical Data for 1947": New Mexico Bureau of Mines and Mineral Resources, Circular #19-A
- Lamb, N. Raymond, 1948, "New Mexico Oil and Gas Engineering Data for 1947": New Mexico Bureau of Mines and Mineral Resources, Circular #19-B
- Lang, Walter B., 1953, "Reconnaissance and Elevation Map of Southeastern New Mexico": Scale 4 miles to 1 inch, U. S. Geological Survey Maps and Charts
- Lasky, S. G., Wootton, T. P., 1933, "The Metal Resources of New Mexico and Their Economic Features": New Mexico Bureau of Mines and Mineral Resources, Bulletin #7
- Lebeis, E. H., 1962, "Engineering Design of the Roswell Water Conversion Plant": Proceedings of the Eighth Annual New

Mexico Water Conference, New Mexico State University

- Leopold, L. B., Maddock, T., Jr., 1953, "The Hydraulic Geometry of Stream Channels and Some Physiographic Implications": U. S. Geological Survey Paper 252
- Leopold, L. B., 1942, "Areal Extent of Intense Rainfalls, New Mexico and Arizona": American Geophysical Union Transactions, pt. 2, p. 558-566
- Leopold, L. B., Miller, John P., 1956, "Ephemeral Streams--Hydraulic Factors and Their Relation to the Drainage Net": U. S. Geological Survey Professional Paper #282-A
- Lingle, Robert T., and Linford, Dee, 1961, "A Report of a Decade of Progress, 1950-1960": Rydal Press, Santa Fe, 284 p., The Pecos River Commission of New Mexico
- Lloyd, E. Russell, 1949, "Pre-San Andres Stratigraphy and Oil-Producing Zones in Southeastern New Mexico--A Progress Report": New Mexico Bureau of Mines and Mineral Resources, Bulletin # 29
- Lohman, S. W., 1953, "High Plains of West-Central United States, General Aspects": in U. S. Congress, House Committee of Interior and Insular Affairs--Subsurface Facilities of Water Management and Patterns of Supply-Type Area Studies: chapter 4, p. 70-78
- Long, Roger B., 1965, "Cost of Pumping Irrigation Water in Ten New Mexico Counties": New Mexico State University Agricultural Experiment Station Bulletin #490
- McClure, T. M., 1934, "Roswell Artesian Basin Investigation": New Mexico State Engineer 11th Biennial Report, p. 154-165
- McGuinness, C. L., 1963, "The Role of Ground-Water in the National Situation": U. S. Geological Survey Water-Supply Paper 1800
- Malone, Ross L., 1959, "Water Laws as They Affect New Mexico": Fourth Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering, and Science, p. 104-110 (1960)
- Matches, A. G., Clark, R. E., 1960, "Annual Report, 1960-61": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico (closed file)
- Means, T. H., and Gardner, F. D., 1900, "A Soil Survey in the Pecos Valley, New Mexico": U. S. Department of Agriculture Report #64, p. 36-76

- Mechem, E. L., 1961, "Ground-Water and Ground-Water Law in New Mexico": Sixth Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 79-82 (1962)
- Meinzer, O. E., 1909, "Reconniassance of Ground-Water Conditions in Portales Basin, New Mexico": U. S. Geological Survey open-file
- Meinzer, O. E., Renick, B. C., and Bryan, Kirk, 1926, "Geology of No. 3 Reservoir Site of the Carlsbad Irrigation Project, New Mexico, with Reference to Water-Tightness": U. S. Geological Survey Water-Supply Paper 580, 39 p.
- Meinzer, O. E., 1927, "Springs in Carboniferous Limestone and Sypsum in Pecos Valley, New Mexico, in Large Springs in the United States": U. S. Geological Survey Water-Supply Paper 557, p. 89-91
- Melton, Bill, and others, 1966, "A Comparison of Alfalfa Varieties": New Mexico State University Agricultural Experiment Station Bulletin #506
- Meyer, Richard F., 1966, "Geology of Pennsylvanian and Wolfcampian Rocks in Southeast New Mexico": New Mexico Bureau of Mines and Mineral Resources, Mimoir #17
- Miller, Joseph, 1953, "New Mexico, a Guide to the Colorful State": Hastings House, New York, 471 p.
- Mills, R. B. A., Wells, R. C., 1919, "The Evaporation and Concentration of Waters Associated with Petroleum and Natural Gas": U. S. Geological Survey Bulletin #693
- Minton, E. G., Jr., 1941, "Analysis of Relationship between Artesian Pressure Head and Precipitation and Consumptive Use, Roswell Artesian Basin, New Mexico": New Mexico State Engineer 14th and 15th Biennial Reports, p. 167-179 (1953)
- Minton, E. G., Jr., 1942, "Report of Artesian Well Supervisor, Roswell Artesian Basin, New Mexico": New Mexico State Engineer 14th and 15th Biennial Reports, p. 367-379 (1953)
- Minton, E. G., Jr., 1962, "Roswell Artesian Well Supervisors Report, July 1, 1942, to June 30, 1946": New Mexico State Engineer 16th and 17th Biennial Reports, 1942-46, p. 349-368
- Moise, Irwin S., 1959, "Concept of Beneficial Use in Water Law in New Mexico": Fourth Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 111-125, (1960)

- Montgomery, Randall F., 1958, "The Industrial Use of Water in New Mexico": Third Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 87-93
- Morgan, A. M., 1938, "Geology and Shallow-Water Resources of the Roswell Artesian Basin, New Mexico": New Mexico State Engineer 12th and 13th Biennial Reports, p. 155-249
- Morgan, A. M., 1941, "Depth of Active Solution by Ground-Waters in the Pecos Valley, New Mexico (with a discussion by A. C. Swinnerton)": American Geophysical Union Transactions, 22nd Annual Meeting, August 1941, pt. 3, p. 779-783, National Research Council; (abstract) Geological Society of America Bulletin, vol. 52, no. 12, pt. 2, p. 2005
- Morgan, A. M., 1942, "Solution Phenomena in the Pecos Basin in New Mexico": American Geophysical Union Transactions, pt. 1, August 1942, p. 27-35
- Motts, Ward S., 1962, "Geology of the West Carlsbad Quadrangle, New Mexico": Scale 1 inch to 1 mile, Map GQ-167, Geologic Quadrangle Maps of the United States, U. S. Geological Survey, Maps and Charts
- Motts, Ward S., and Cushman, R. L., 1964, "An Appraisal of the Possibilities of Artificial Recharge to Ground-Water Supplies in Part of the Roswell Basin, New Mexico": U. S. Geological Survey Water-Supply Paper 1785, 85 p.
- Mourant, W. A., 1957, "Reconnaissance of Water Resources in the Upper Part of the Sacramento River Canyon, Otero County, New Mexico": U. S. Geological Survey open-file report, 25 p.
- Mourant, W. A., 1959, "Reconnaissance of Ground-Water Resources in the Upper Part of Sacramento River Canyon, Otero County, New Mexico": U. S. Geological Survey open-file report, 22 p.
- Mourant, W. A., 1959, "Ground-Water in the Hondo Valley, Lincoln County, New Mexico": in Guidebook for Joint Field Conference, Permian Basin Section, Society of Economists, Paleontologists and Mineralogists and Roswell Geological Society, in the Sacramento Mountains of Otero County, New Mexico, 1959, p. 234-235
- Mourant, W. A., 1963, "Water Resources and Geology of the Hondo Drainage Basin, Chaves, Lincoln, and Otero Counties, New Mexico": New Mexico State Engineer Technical Report 28, 85 p.

- Mower, R. W., 1960, "Pumpage in the Roswell Basin, Chaves and Eddy Counties, New Mexico": U. S. Geological Survey open-file report, 88 p.
- Mower, R. W., Hood, J. W., Cushman, R. L., and others, 1964, "An Appraisal of Potential Ground-Water Salvage along the Pecos River between Acme and Artesian, New Mexico": U. S. Geological Survey Water-Supply Paper 1659, 98 p.
- Murray, C. R., 1940, "Summary of Ground-Water Conditions in Upper Pecos Valley, New Mexico": U. S. Geological Survey, 10 p.
- Murray, C. R., 1943, "Ground-Water Conditions near Las Vegas, New Mexico": U. S. Geological Survey open-file report, 9 p.
- Murray, C. R., 1944, "Report on Well-Site Locations for Village of Melrose, Curry County, New Mexico": U. S. Geological Survey open-file report (In cooperation with New Mexico State Engineer.) 6 p.
- Murray, C. R., and Jones, R. S., 1948, "Reconnaissance Study of Ground-Water in the Vicinity of Ruidoso, New Mexico": U. S. Geological Survey open-file report, 19 p., lpl.
- Murray, C. R., and Theis, C. V., 1962, "Ground-Water Conditions near the U. S. Army Airfield, Fort Sumner, New Mexico, 1942": New Mexico State Engineer 16th and 17th Biennial Reports, 1942-46, p. 295-299
- Murray, C. R., and Theis, C. V., 1962, "Supplemental Memorandum on Ground-Water Conditions near the U. S. Army Airfield, Fort Sumner, New Mexico, 1942": New Mexico State Engineer 16th and 17th Biennial Reports, 1942-46, p. 300-301
- Murray, M. R., 1965, "A Study of Infiltration Rates of Four Chloride Brines on a New Mexico Soil": (Thesis) Civil Engineering Department, New Mexico State University
- Nedom, H. A., 1951, "Report on Roswell Artesian Basin": Amerada Petroleum Corporation, Tulsa, Oklahoma, typed report in files of New Mexico State Engineer, Santa Fe, 6 p., 8 figs.
- Neel, G. M., 1932, "Hydrographic Survey of the Bonito River Stream System": New Mexico State Engineer 10th Biennial Report, p. 23-43
- Neel, G. M., 1932, "Report on the Cottonwood Creek Hydrographic Survey within Eddy County, New Mexico": New Mexico State Engineer 11th Biennial Report, p. 37-55

- Neel, G. E. 1932, "Well Plugging, Pecos Valley Artesian Basin": New Mexico State Engineer 10th Biennial Report, p. 306-314
- Nettleton, E. S., 1892, "Artesian and Underflow Investigation": 52nd Congress, 1st Session, Senate Document 41, pt. 2, p. 11-19
- New Mexico Bureau of Mines and Mineral Resources, 1965, "Mineral and Water Resources of New Mexico": Compiled in Cooperation with U. S. Geological Survey, New Mexico State Engineer, New Mexico Oil Conservation Commission, and U. S. Bureau of Mines, Bulletin #87
- New Mexico Conservation Needs Committee, 1962, "New Mexico Soil and Water Conservation Needs Inventory": New Mexico Department of Development, 97 p.
- New Mexico Department of Agriculture, 1964, "New Mexico Agricultural Statistics": New Mexico Department of Agriculture, vol. 3, 52 p.
- New Mexico Geological Society, 1954, "Guidebook of the Fifth Field Conference, Covering Southeastern New Mexico"
- New Mexico Land Resources Association, 1957, "Soils-Resource Map of New Mexico": in Land Resources of New Mexico, New Mexico State Land Office, 71 p.
- New Mexico Land Resources Association, 1957, "Vegetative-Type Map of New Mexico": in Land Resources of New Mexico, New Mexico State Land Office, p. 72
- New Mexico State Engineer, 1914-64, "Biennial Reports--State Engineer Office, 1912-64": Interstate Stream Commission, 1936-64
- New Mexico State Engineer, 1956, "Climatological Summary, New Mexico--Temperature 1850-1954, Frost 1850-1954, Evaporation 1850-1954": New Mexico State Engineer Technical Report 5, 277 p.
- New Mexico State Engineer, 1956, "Climatological Summary, New Mexico--Precipitation 1849-1954": New Mexico State Engineer Technical Report 6, 407 p.
- New Mexico State Engineer, 1959, "Hydrologic Summary, New Mexico--Streamflow and Reservoir Content 1888-1954": New Mexico State Engineer Technical Report 7, 326 p.
- New Mexico State Engineer, 1959-63, "Ground-Water Levels in New Mexico, 1951-63": New Mexico State Engineer Technical Reports 13, 16, 19, 22, 23, 24, and 27, and New Mexico State Engineer Basic Data Reports, 1961, 1962, 1963, (see Reeder, H. O.; Ballance, W. C.)

- New Mexico State Engineer, 1912-32, "Surface Water Supply of New Mexico, 1888-1931": New Mexico State Engineer, 15 vol.
- New Mexico State Engineer, 1957, "Report on Investigation of Santa Rosa Water Supply, Guadalupe County, New Mexico": New Mexico State Engineer, 22 p., appendix A-D
- New Mexico State Engineer, 1959, "Historical Notes on Development and Control of Water in New Mexico": New Mexico State Engineer, 23 p.
- New Mexico State Engineer, 1959, "Selected Bibliography of Water Resources of New Mexico": New Mexico State Engineer open-file report, 21 p.
- New Mexico State University, 1957, "Soils Resource Map of New Mexico": prepared by the New Mexico College of Agriculture and Mechanical Arts; New Mexico Bureau of Mines and Mineral Resources, Resources and Land Status Maps
- New Mexico State University, 1957, "Vegetative Type Map of New Mexico": prepared by the New Mexico College of Agriculture and Mechanical Arts; New Mexico Bureau of Mines and Mineral Resources, Resources and Land Status Maps
- New Mexico Statement to U. S. Senate Select Committee on National Water Resources (see Reynolds, S. E.)
- Nicholson, A., Jr., 1954, "Brine Production and Disposal in the Oil Fields of Southern Lea County, New Mexico": U. S. Geological Survey open-file report
- Nicholson, A., Jr., and Clebsch Alfred, Jr., 1961, "Geology and Ground-Water Conditions in Southern Lea County, New Mexico": New Mexico Institute of Mining and Technology, State Bureau of Mines and Mineral Resources Ground-Water Report 6, 120 p.
- Nielson, A. K., Clark, R. E., 1958, "Annual Report 1958-59": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (closed file)
- Nielson, A. K., Clark, R. E., 1959, "Annual Report 1959-60": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico (closed file)
- Nye, S. S., 1930, "Shallow Ground-Water Supplies in Northern Lea County, New Mexico": New Mexico State Engineer 9th Biennial Report, 1928-30, p. 353-387

- Nye, S. S., 1932, "Progress Report on the Ground-Water Supply of Northern Lea County, New Mexico": New Mexico State Engineer 10th Biennial Report 1930-1932, p. 220-251
- Pecos River Commission, 1965, "Initial Development, Water Salvage and Salinity Alleviation Action Program, Pecos River Basin": Pecos River Commission, Carlsbad, New Mexico, 18 p., Appendix A-C
- Pecos River Watermaster, 1964, "Pecos Valley Surface Water District Assessment Rolls, 53rd Fiscal Year": New Mexico State Engineer open-file report, 19 p.
- Phinizy, John A., 1956, "Underground-Water Problems in Pecos Valley": 1st Annual New Mexico Water Conference, State College, New Mexico College of Agriculture and Mechanical Arts, p. 34-36
- Reeder, H. O., and others, 1959, "Annual Water-Level Measurements in Observation Wells, 1951-55 and Atlas of Maps Showing Changes in Water Record through 1954, New Mexico": New Mexico State Engineer Technical Report 13, 339 p.
- Reeder, H. O., and others, 1960, "Ground Water Levels in New Mexico, 1956": New Mexico State Engineer Technical Report 19, 251 p.
- Reeder, H. O., and others, 1961, "Ground-Water Levels in New Mexico, 1957": New Mexico State Engineer Technical Report 22, 306 p.
- Reeder, H. O., and others, 1962, "Ground-Water Levels in New Mexico, 1959": New Mexico State Engineer Technical Report 23, 288 p.
- Reeder, H. O., and others, 1962, "Ground-Water Levels in New Mexico, 1959": New Mexico State Engineer Technical Report 24, 125 p., (see also Ballance, W. C.)
- Reeder, H. O., 1963, "Tritium Used as a Ground-Water Tracer Between Lake McMillan and Major Johnson Springs, Eddy County, New Mexico", with a section on laboratory aspects of tracer selection and tritium detection, by L. L. Thatcher: U. S. Geological Survey open-file report, 109 p.
- Reeder, H. O., 1964, "Tritium Content as an Indicator of Age and Movement of Ground-Water in the Roswell Basin": Geological Survey Research 1964, Chapter C

- Reiland, L. J., and Haynes, G. L., Jr., 1963, "Flow Characteristics of New Mexico Streams--Flow Duration, High-Flow, and Low-Flow Tables for Selected Stations through Water Year 1959": New Mexico State Engineer Special Report, 342 p.
- Renick, B. C., 1926, "Geology and Ground-Water Resources of the Drainage Basin of the Rio Penasco above Hope, New Mexico": New Mexico State Engineer 7th Biennial Report, 1924-26, p. 103-138
- Reynolds, S. E., 1956, "New Mexico Water Resources": 1st Annual New Mexico Water Conference, University Park, New Mexico College of Agriculture, Engineering and Science, p. 6-17 (1957)
- Reynolds, S. E., 1957, "Irrigation Problems--Lower Pecos Valley in New Mexico": Paper presented at Irrigation Management Exposition, Roswell, New Mexico, December 5, 1957: New Mexico State Engineer open-file report, 23 p.
- Reynolds, S. E., 1959, "New Mexico Statement to the U. S. Senate Select Committee on National Water Resources": New Mexico State Engineer, 46 p.; U. S. Senate Select Committee on National Water Resources, pursuant to Senate Res. 48, 86th Congress, Committee Print 6, 86th Congress, 2nd Session, p. 228-254; 1960, Revised, pursuant to request of Water Resources Subcommittee of the New Mexico Advisory Committee on Long-Range State Development Objectives, 51 p.
- Reynolds, S. E., 1959, "Report on Water Desalinization Program": Fourth Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 48-51 (1960)
- Reynolds, S. E., 1960, "State Water Program": 5th Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 80-86 (1961)
- Reynolds, S. E., 1961, "An Outline of the Statutes Governing the Appropriation and Use of Ground-Water in New Mexico": 6th Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 79-82 (1962)
- Reynolds, S. E., 1963, "Problems of the Roswell Artesian Basin": New Mexico State Engineer open-file paper (read before Roswell Aqualantes March 26, 1963), 19 p.
- Reynolds, S. E., 1963, "The Roswell Saline Water Conversion Plant--Its Importance and Meaning to New Mexico": 8th Annual New Mexico Water Conference Proceedings, University Park, New Mexico State University.

- Robinson, Thomas W., and Lang, Walter B., 1938, "Geology and Ground-Water Conditions of the Pecos River Valley in the Vicinity of Laguna Grande de la Sal, New Mexico, with Special Reference to the Salt Content of the River Water": New Mexico State Engineer 12th and 13th Biennial Reports, 1934-38, p. 77-100; New Mexico State Engineer Bulletin 4, 1938, 24 p.
- Robinson, Thomas W., 1959, "Phreatophyte Research in Western United States, October 1958 to March 1959": U. S. Geological Survey Circular 413, p. 10-12
- Roswell Geological Society, 1953, "North-South Correlation Section, Western Flank of Permian Basin, Southeastern New Mexico; DeBaca County, New Mexico to Culberson County, Texas": (black and white, 14"x63")
- Roswell Geological Society, 1956, "West-East Correlation Section, San Andres Mountains to New Mexico-Texas Line, Southeastern New Mexico": (Lithographed in 8 colors, 13 3/4"x74"; ties with North-South section of the West Texas Geological Society)
- Roswell Geological Society, 1956, "The Oil and Gas Fields of Southeastern New Mexico; a Symposium
- Roswell Geological Society, 1957, "Slaughter Canyon, New Cave and Capitan Reef Exposures, Carlsbad Caverns National Park, New Mexico": Guidebook No. 10
- Roswell Geological Society, 1958, "North-South Stratigraphic Cross-Section, Delaware Basin-Northwest Shelf, Southeastern New Mexico": (black and white, 28"x48"; electric, gamma ray, and lithologic sections)
- Roswell Geological Society, 1959, "North-South Stratigraphic Cross-Section, Matador Arch to Central Basin Platform, Southeastern New Mexico": (black and white, 25"x43"; electric, gamma ray, and lithologic sections)
- Roswell Geological Society, 1960, "The Oil and Gas Fields of Southeastern New Mexico": a Symposium (supplement to the Symposium of 1956)
- Roswell Geological Society, 1962, "Permian of the Central Guadalupe Mountains, Eddy County, New Mexico": Sponsored by Roswell, West Texas, and Hobbs Geological Societies; Guidebook No. 13
- Roswell Geological Society, 1964, "Geology of the Capitan Reef Complex of the Guadalupe Mountains, Culberson County, Texas

- and Eddy County, New Mexico": Roswell Geological Society Field Conference Guidebook No. 14
- Rowland, E. W., and Conover, C. S., 1951, "Report of Sub-Committee on McMillan Studies to Salt Cedar Technical Sub-Committee of Salt Cedar Action Committee, New Mexico": U. S. Geological Survey open-file report
- Russell, John F., 1957, "Legal Problems Caused by the Nature of the Various Water Rights in the Pecos Valley": 2nd Annual New Mexico Water Conference, State College, New Mexico College of Agriculture and Mechanical Arts, p. 51-55 (1958)
- Russell, John F., 1963, "Municipal Requirements of a Saline Water Conversion Plant": 8th Annual New Mexico Water Conference Proceedings, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 75-81
- Russell, W. J., 1963, "Annual Report 1963-64": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (closed file)
- Russell, W. J., 1964, "Annual Report 1964-65": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (closed file)
- Russell, W. J., 1962, "Annual Report 1962-63": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (closed file)
- Sayre, A. N., Theis, C. V., Morgan, A. M., Hale, W. E., Lang, J. W., and Dennis, P. E., 1941, "Geology and Ground-Water Pecos River Basin, New Mexico and Texas": National Resources Planning Board, Pecos River joint investigation in the Pecos River Basin in New Mexico and Texas, pt. 3, vol. 3, report B, Washington, D. C., 93 p. (mimeographed)
- Schilling, Constance F., Schilling John H., 1956, "Bibliography of New Mexico Geology and Mineral Technology, 1951-1955": New Mexico Bureau of Mines and Mineral Resources, Bulletin #52
- Seastone, D. A., Martin, L. M., 1963, "Alternative Institutions for Water Transfers: The Experience in Colorado and New Mexico": Land Economics, vol. 39, no. 1, February, 1963
- Senkpiel, W. C., 1942, "Summary of Certain Investigations in Pecos River Basin, New Mexico and Texas": U. S. Geological Survey open-file report, 37 p.
- Slichter, C. S., 1905, "Field Measurements of the Rate of Movement of Underground Waters": U. S. Geological Survey

Water-Supply Paper 140, 122 p.

Smith, R. E., 1953, "Ground-Water Conditions Southeast of Duran, Torrance County, New Mexico": U. S. Geological Survey open-file report (In cooperation with the New Mexico Bureau of Mines and the New Mexico State Engineer)

Smith, R. E., 1957, "Geology and Ground-Water Resources of Torrance County, New Mexico": New Mexico Bureau of Mines and Mineral Resources, Ground-Water Report #5

Spiegel, Zane, 1954, "Probable Effect of the Hagerman Canal and Ground-Water Development on Flow of the Rio Felix": New Mexico State Engineer open-file report, 12 p.

Spiegel, Zane, 1956, "Relation of Ground-Water to Streamflow in New Mexico in Late Cenozoic Time": Geological Society of America Bulletin, vol. 67, no. 12, (abstract of paper presented to Rocky Mountain Section of Geological Society of America May 4, 1956, Albuquerque)

Spiegel, Zane, 1957, "Preliminary Estimate of Leakage from the Proposed Los Esteros Reservoir, Guadalupe County, New Mexico": New Mexico State Engineer open-file report, 19 p.

Spiegel, Zane, 1957. "Relation of Ground-Water to New Mexico Streams": New Mexico Geological Society 9th Annual Meeting, Gallup, May 13-15, 1955; (abstract) in guidebook of Southwestern San Juan Mountains, Colorado, New Mexico Geological Society 8th Field Conference, September 5-7, 1957, p. 254

Spiegel, Zane, 1958, "Ground-Water Trends in New Mexico": New Mexico Professional Engineer, pt. 1, vol. 10, no. 3, p. 8-12; pt. 2, vol. 10, no. 4, p. 8-11

Staten, G., Pingrey, H. E., Wilson, M. L., 1951, "Irrigated Pastures in New Mexico": New Mexico State University Agricultural Experiment Station Bulletin #362

Stow, J. M., 1961, "Quality of Ground-Water--Changes and Problems": 5th Annual Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 58-69 (1962)

Sullivan, V. L., 1910, "Report on the Hondo Hydrographic Survey by the Territorial Engineer to the Court of the Sixth District of the Territory of New Mexico": New Mexico Territorial Engineer 2nd Biennial Report, p. 63-10

Summary Annual Reports, 1965, U. S. Water Conservation Laboratory, Phoenix, Arizona 85040

- Talmage, S. B., Wootton, T. P., 1937, "The Non-Metallic Mineral Resources of New Mexico and Their Economic Features": New Mexico Bureau of Mines and Mineral Resources, Bulletin #12
- Theis, C. V., 1930-1932, "Report on the Ground-Water in Curry and Roosevelt Counties, New Mexico": New Mexico State Engineer 10th Biennial Report, Santa Fe, New Mexico, p. 98-160
- Theis, C. V., 1934, "Progress Report on the Ground-Water Supply of the Portales Valley, New Mexico": New Mexico State Engineer 11th Biennial Report 1932-34, p. 87-108
- Theis, C. V., 1934, "Progress Report on the Ground-Water Supply of Lea County, New Mexico": New Mexico State Engineer 11th Biennial Report, 1932-34, p. 127-153
- Theis, C. V., July 1937, "Amount of Ground-Water Recharge in the Southern High Plains": American Geophysical Union Transactions, 18th Annual Meeting, p. 564-568
- Theis, C. V., 1938, "The Relation between the Increase in Flow of the Pecos River and the Recharge of the Shallow Ground-Water in the Roswell Basin, New Mexico": U. S. Geological Survey open-file report, 5 p.
- Theis, C. V., 1938, "Origin of Water in Major Johnson Springs, near Carlsbad, New Mexico": New Mexico State Engineer 12th and 13th Biennial Reports, 1934-38, p. 251-262
- Theis, C. V., 1938, "Progress Report on the Ground-Water Supply of the Portales Valley, New Mexico": New Mexico State Engineer 12th and 13th Biennial Reports 1934-38, Santa Fe, New Mexico, p. 101-119
- Theis, C. V., 1938, "Progress Report on the Ground-Water Supply of Lea County, New Mexico": New Mexico State Engineer 12th and 13th Biennial Reports 1934-38, Santa Fe, New Mexico, p. 121-134
- Theis, C. V., 1939, "Earth Tides Expressed in Fluctuations of the Water Level in Artesian Wells in New Mexico": International Union of Geology and Geophysics, Washington, D. C., 11 p. (mimeographed)
- Theis, C. V., 1940, "The Source of Water Derived from Wells-- Essential Factors Controlling the Responce of an Aquifer to Development": Civil Engineer, vol. 10, no. 5, p. 277-280
- Theis, C. V., 1941, "The Effect of a Well on the Flow of a Near-by Stream": American Geophysics Union, p. 734-737

- Theis, C. V., and others, 1942, "Ground-Water Hydrology of Areas in the Pecos Valley, New Mexico": National Resources Planning Board, Pecos River joint investigation reports, Washington, D. C., p. 38-75, (for official distribution only)
- Theis, C. V., and others, 1942, "Ground-Water Hydrology of Areas in the Pecos Valley, New Mexico": in U. S. Natural Resources Planning Board, Regional Planning, pt. X, The Pecos Joint Investigation in the Pecos River Basin in New Mexico and Texas--summary, analyses, and findings: U. S. Government Printing Office, p. 83-89
- Theis, C. V., and others, 1942, "Geology and Ground-Water": in U. S. Natural Resources Planning Board, Pecos River Joint Investigation-reports of the participating agencies : U. S. Government Printing Office, p. 27-76
- Theis, C. V., and others, 1942, "Memorandum on Ground-Water Supplies near Roswell, New Mexico": U. S. Geological Survey open-file report, 2 p.
- Theis, C. V., 1942, "Ground-Water Conditions North of Roswell, New Mexico": U. S. Geological Survey open-file report, 5 p.
- Theis, C. V., and Hale, W. E., 1942, "Pumping Test on Brine Wells of Emro Corporation near Carlsbad, New Mexico": U. S. Geological Survey open-file report, 13 p.
- Theis, C. V., 1945, "Ground-Water Conditions at Carbon-black Plants near Eunice, Lea County, New Mexico": U. S. Geological Survey open-file report
- Theis, C. V., 1950, "Ground-Water as a Source Supplemental to Surface Water": Proceedings of 23rd Annual Convention, Association of Western State Engineers, p. 62-64
- Theis, C. V., 1951, "Effects on Artesian Aquifer of Storage of Flood Water in Hondo Reservoir, Chaves County, New Mexico": U. S. Geological Survey open-file report, 115 p.
- Theis, C. V., 1957, "Effects on Artesian Aquifer of Storage of Flood Water in the Hondo Reservoir, 1951": New Mexico State Engineer Technical Report 9, p. 33-36
- Theis, C. V., 1962, "Supplementary Report on Ground-Water Conditions at the Fort Sumner Glider School, New Mexico, 1942": New Mexico State Engineer 16th and 17th Biennial Reports, 1942-46, p. 302-307
- Thomas, N. O., and Harbeck, G. E., 1956, "Reservoirs of the United States": U. S. Geological Survey Water-Supply Paper 1360-A, 99 p.

- Thomas, H. E., 1963, "Causes of Depletion of the Pecos River in New Mexico": U. S. Geological Survey Water-Supply Paper 1619-G, 14 p.
- Thomas, H. E., 1963, "General Summary of Effects of the Drought in the Southwest": U. S. Geological Survey Professional Paper 372-H, p. 8
- Thompson, M. L., 1942, "Pennsylvanian System in New Mexico": New Mexico Bureau of Mines and Mineral Resources, Bulletin #17
- Torrel, P. J., 1956, "First Annual Report": New Mexico State University Agricultural Experiment Station, Southeastern Substation, Artesia, New Mexico, (closed file)
- U. S. Bureau of Census, 1960, "Census of Population--1960, Number of Inhabitants, New Mexico": U. S. Government Printing Office, Washington, D. C.
- U. S. Bureau of Reclamation, 1950, "A Basis for Formulating a Water-Resources Program for New Mexico": U. S. Bureau of Reclamation open-file report, 178 p.
- U. S. Bureau of Reclamation, 1957, "Report on Estimated Future Sedimentation, Alamogordo Reservoir": U. S. Bureau of Reclamation, Hydrological Br., Albuquerque Project Office open-file report, 30 p.
- U. S. Bureau of Reclamation, 1960a, "Reconnaissance Report on the Pecos River Basin, New Mexico-Texas": U. S. Bureau of Reclamation, Amarillo, Texas open-file report, vol. 1
- U. S. Bureau of Reclamation, 1960b, "Reconnaissance Report on the Pecos River Basin, New Mexico-Texas": U. S. Bureau of Reclamation, Amarillo, Texas open-file report, 176 p.
- U. S. Congress, 1956, "(Hearing before the Senate Subcommittee on Irrigation and Reclamation on S. J. Res. 155, Pecos River Project, to) Provide for the Construction of Certain Water-Conservation Projects for Irrigation Purposes in the Pecos River Basin, New Mexico and Texas, May 10, 1956": U. S. 84th Congress, 2nd Session, S. J. Res. 155, 58 p.
- U. S. Congress, 1956, "Letter from the Assistant Secretary of the Interior Transmitting a Report and Findings of the McMillan Delta Project, Pecos River Basin, New Mexico, Pursuant to the Provisions of Section 9 (a) of the Reclamation Act of 1939 (53 statutes 1187), June 20, 1956": U. S. 86th Congress, 2nd Session
- U. S. Congress, 1957, "Authorizing the Construction of Certain Water Conservation Projects for Irrigation Purposes in the

Pecos River Basin, New Mexico and Texas, June 24, 1957":
U. S. 85th Congress, 1st Session

- U. S. Congress, 1957, "Report on Authorizing the Conservation Projects to Provide for a More Adequate Supply of Water for Irrigation Purposes in the Pecos River Basin, New Mexico and Texas": U. S. 85th Congress, 1st Session, House Report 609 (to accompany Senate J. Res. 39), 13 p.
- U. S. Department of Agriculture, 1942, "Special Report of Water Utilization in Chaves and Eddy Counties, New Mexico": Bureau of Agricultural Economics, 219 p., appendix
- U. S. Department of Agriculture, 1950, "Pecos River Watershed, New Mexico and Texas": U. S. Department of Agriculture Preliminary Report, Survey Report, 18 p.
- U. S. Department of the Interior, 1928, "The Roswell Artesian Basin, New Mexico": Press Memorandum 24973
- U. S. Geological Survey, Water Branch, 1938, "Miscellaneous Reports on Roosevelt County Made by this Office (probably included in Progress Report 1938-1942)": open-file report
- U. S. Geological Survey, 1942, "Water Resources of the Pecos River Basin": Pecos River Joint Investigation, Surface Water Branch, pt. 11, 81 p. (mimeographed)
- U. S. Geological Survey, 1957, "Water Levels and Artesian Pressures in Wells in the United States, 1955": pt. 6, Southwestern States and Territory of Hawaii, U. S. Geological Survey Water-Supply Paper 1409, p. 189-280
- U. S. Geological Survey, 1957, "Map Showing Chemical Quality of Ground-Water in Guadalupe County, New Mexico": U. S. Geological Survey, 1 sheet, 1:126, 720
- U. S. Geological Survey, 1960, "Map Showing Chemical Quality of Ground-Water in Roosevelt County, New Mexico": U. S. Geological Survey, 1 sheet, 1:126, 720
- U. S. Geological Survey, 1963, "Possibilities of Retarding Saline-Water Encroachment in the Roswell Basin by Retirement of Water Rights": U. S. Geological Survey open-file report, 25 p.
- U. S. Geological Survey, Ground-Water Branch, 1957, "Salt Water Encroachment East of Roswell, New Mexico": (Illustrations for hearing before the State Engineer on January 11, 1957): U. S. Geological Survey open-file report

U. S. Geological Survey, 1936-57, "Roswell Artesian Basin, Chaves and Eddy Counties": in Water Levels and Artesian Pressures in Observation Wells in the United States, 1925-54"
U. S. Geological Survey Water-Supply Paper

<u>Year of observation</u>	<u>Year of publication</u>	<u>Water-Supply Paper</u>	<u>Pages</u>
1925-1935	1936	777	109-114
1936	1937	817	195-197
1937	1938	840	252-254
1938	1939	845	279-300
1939	1940	886	376-422
1940	1941	911	151-174
1941	1943	941	184-212
1942	1944	991	205-244
1943	1945	1021	187-232
1944	1947	1028	203-240
1945	1949	1028	203-240
1946	1949	1076	212-250
1947	1951	1101	190-234
1948	1951	1131	164-207
1949	1952	1161	161-204
1950	1953	1170	169-207
1951	1954	1196	155-177
1952	1955	1226	173-193
1953	1956	1270	181-205
1954	1957	1326	183-211

U. S. Geological Survey, 1890-1961, "Surface-Water Supply of the United States, 1899-1960": U. S. Geological Survey Water-Supply Papers as follows:

<u>Year</u>	<u>Water-Supply Paper</u>	<u>Year</u>	<u>Water-Supply Paper</u>
1899	37	1907-08	247
1900	50		248
1901	66		249
	75	1909	267
1902	84		268
1903	99		269
1904	131	1910	287
	132		288
	133		289
1905	173	1911	307
	174		308
	175	1912	309
1906	209		327
	210		328
	211		329

<u>Year</u>	<u>Water-Supply Paper</u>	<u>Year</u>	<u>Water-Supply Paper</u>
1913	357	1930	702
	358		703
	359		705
1914	387	1931	717
	388		718
	389		719
1915	407	1932	732
	408		733
	409		734
1916	437	1933	747
	438		748
	439		749
1917	457	1934	762
	458		763
	459		764
1919-20	508	1935	787
	509		788
1921	527		789
	528	1936	807
	529		808
1922	547		809
	548	1937	827
	549		828
1923	567		829
	568	1938	857
	569		858
1924	587		859
	588	1939	877
	589		878
1925	607		879
	608	1940	897
	609		898
1926	627		899
	628	1941	927
	629		928
1927	647		929
	648	1942	957
	649		958
1928	667		959
	668	1943	977
	669		978
1929	687		979
	688	1944	1007
	689		1008
			1009
		1945	1037
			1038
			1039

<u>Year</u>	<u>Water-Supply Paper</u>	<u>Year</u>	<u>Water-Supply Paper</u>
1946	1057	1954	1341
	1058		1342
	1059		1343
1947	1087	1955	1391
	1088		1392
	1089		1393
1948	1117	1956	1441
	1118		1442
	1119		1443
1949	1147	1957	1511
	1148		1512
	1149		1513
1950	1177	1958	1561
	1178		1562
	1179		1563
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	1213		1633
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	1283		

U. S. Geological Survey, 1936-57, 1963, "Water Levels and Artesian Pressures in Observation Wells in the United States, 1935-63": U. S. Geological Survey Water-Supply Papers as follows:

<u>Year</u>	<u>Water-Supply Paper</u>	<u>Year</u>	<u>Water-Supply Paper</u>
1935	777	1946	1076
1936	817	1947	1101
1937	840	1948	1131
1938	845	1949	1161
1939	886	1950	1170
1940	911	1951	1196
1941	941	1952	1226
1942	949	1953	1270
1943	991	1954	1326
1944	1021	1955	1409
1945	1028	1963	1770

U. S. Geological Survey, 1912-64, "Quality of Surface Waters of the United States, 1911-58": U. S. Geological Survey Water-Supply Papers as follows:

<u>Year</u>	<u>Water-Supply Paper</u>	<u>Year</u>	<u>Water-Supply Paper</u>
1911	274	1952	1110-C
1938	839		1252
1941	942		1253
1942	950	1953	1292
1943	970		1293
1944	1022	1954	1352
1945	1030		1353
1946	1050	1955	1402
1947	1102		1403
1948	1131	1956	1452
1949	1153		1453
1950	1188	1957	1522
	1189		1523
1951	1199	1958	1573
	1200		1574

U. S. Geological Survey, 1964, "An Appraisal of Potential Ground-Water Salvage Along the Pecos River between Acme and Artesia, New Mexico": U. S. Geological Survey Water-Supply Paper 1659

U. S. Inter-Agency Committee on Water Resources, Subcommittee on Hydrologic Data, 1948, "Inventory of Published and Unpublished Chemical Analyses of Surface Waters in the Western United States": U. S. Geological Survey Notes on Hydrological Activities, Bulletin no. 2, p. 11-43

U. S. Inter-Agency Committee on Water Resources, Subcommittee on Sedimentation, 1949, "Inventory of Published and Unpublished Sediment-Load Data in the United States": Supplement, 1946-50: U. S. Geological Survey Sedimentation Bulletin no. 4, p. 22-31

U. S. Inter-Agency Committee on Water Resources, Subcommittee on Hydrology, 1956, "Inventory of Published and Unpublished Chemical Analyses of Surface Waters in Western United States, 1947-55": U. S. Geological Survey Notes on Hydrological Activities, Bulletin no. 9, p. 23-61

U. S. National Resources Planning Board, 1942, Regional Planning, pt. X, "The Pecos River Joint Investigation in the Pecos River Basin in New Mexico and Texas--Summary, Analyses, and Findings": U. S. Government Printing Office, 407 p.

- U. S. National Resources Planning Board, 1942, "The Pecos River Joint Investigation--Reports of the Participating Agencies": U. S. Government Printing Office, 407 p.
- U. S. National Resources Planning Board, 1942, "The Pecos River Joint Investigation--Atlas to Accompany the Reports of the Pecos River Joint Investigations": U. S. Government Printing Office, 34 p.
- National Resources Planning Board, 1942, "The Pecos River Joint Investigation--Reports of the Participating Agencies": U. S. Government Printing Office, 407 p.
- U. S. Salinity Laboratory Staff, 1954, "Diagnosis and Improvement of Saline and Alkaline Soils": U. S. Department of Agriculture Handbook #60
- U. S. Senate Select Committee on National Water Resources, "Water Resources Activities in the U. S.--Views and Comments of the States": (see Reynolds, S. E.)
- U. S. Soil Conservation Service, Southwest Region, 1949, "Program for Runoff and Waterflow Retardation and Soil Erosion Prevention": Survey Report, Pecos River Watershed, New Mexico and Texas, (in cooperation with Forest Service), 24 p.
- U. S. Weather Bureau, "Climates of the States, New Mexico": Climatology of the United States no. 60
- U. S. Weather Bureau, "Climatic Summary of the United States--Supplement for 1931 through 1952, New Mexico": Climatology of the United States no. 11
- U. S. Weather Bureau, "Climatic Summary of the United States--Supplement for 1951 through 1960, New Mexico": Climatology of the United States no. 86
- U. S. Weather Bureau, "Daily River Stages": (year)
- U. S. Weather Bureau, "Mean Precipitable Water in the United States": Weather Bureau Technical Paper no. 10
- U. S. Weather Bureau, "Monthly Normals of Temperature, Precipitation and Heating Degree Days, New Mexico": Climatology of the United States no. 81
- U. S. Weather Bureau, "Storage-Gage Precipitation Data for Western United States"
- U. S. Weather Bureau, 1950, "Mean Monthly and Annual Evaporation Data from Free Water Surface for the United States, Alaska, Hawaii, and the West Indies": Weather Bureau Technical Paper no. 13

- U. S. Weather Bureau, 1951, "Predicting the Runoff from Storm Rainfall": Weather Bureau Research Paper no. 34
- U. S. Weather Bureau, 1951, "Sunshine and Cloudiness at Selected Stations in the United States, Alaska, Hawaii and Puerto Rico": Weather Bureau Technical Paper no. 12
- U. S. Weather Bureau, 1951, "Tables of Precipitable Water and Other Factors for a Saturated Pseudo-Adiabatic Atmosphere": Weather Bureau Technical Paper no. 14
- U. S. Weather Bureau, 1952, "Maximum 24-Hour Precipitation in the United States": Weather Bureau Technical Paper no. 16
- U. S. Weather Bureau, 1956, "Climatic Summary of the United States--Supplement for 1931 through 1952, New Mexico": U. S. Government Printing Office, 96 p.
- U. S. Weather Bureau, 1955, "Evaporation from Pans and Lakes": Weather Bureau Research Paper no. 38
- U. S. Weather Bureau, 1955, "Rainfall Intensity-Saturation-Frequency Curves for Selected Stations in the United States, Alaska, Hawaiian Islands and Puerto Rico": Weather Bureau Technical Paper no. 25
- U. S. Weather Bureau, 1955, "Weekly Mean Values of Daily Total Solar and Sky Radiation": Weather Bureau Technical Paper no. 11, 1949, Supplement no. 1, 1955
- U. S. Weather Bureau, 1956, "Seasonal Variation of the Probable Maximum Precipitation East of the 105th Meridian for Areas from 10 to 1,000 Square Miles and Durations of 6, 12, 24, and 48 Hours": Hydrometeorological Report no. 33
- U. S. Weather Bureau, 1959, "Climatological Data--New Mexico, Annual Summary 1958": U. S. Government Printing Office, Washington, D. C., vol. 62, no. 13, p. 220-231
- U. S. Weather Bureau, 1959, "Evaporation Maps of the United States": Weather Bureau Technical Paper no. 37
- U. S. Weather Bureau, 1959, "Mean Annual Precipitation in Millions of Gallons of Water Per Square Mile by State Climatic Divisions": Weather Bureau National Atlas
- U. S. Weather Bureau, 1960, "Generalized Estimates of Probable Maximum Precipitation for the United States West of the 105th Meridian for Areas to 400 Square Miles and Durations to 24 Hours": Weather Bureau Technical Paper no. 38
- U. S. Weather Bureau, 1960, "Mean Monthly Total Precipitation, January-August": Weather Bureau National Atlas

- U. S. Weather Bureau, 1960, "Mean Monthly Total Precipitation, September-December": Weather Bureau National Atlas
- U. S. Weather Bureau, 1960, "Mean Annual Total Snowfall (inches)": Weather Bureau National Atlas
- U. S. Weather Bureau, 1960, "Mean Annual Total Precipitation by State Climatic Divisions": Weather Bureau National Atlas
- U. S. Weather Bureau, 1960, "Pan and Lake Evaporation": Weather Bureau National Atlas
- U. S. Weather Bureau, 1961, "Rainfall Frequency Atlas of the United States for Durations from 30 Minutes to 24 Hours and Return Periods from 1 to 100 Years": Weather Bureau Technical Paper no. 40, reprinted 1963
- U. S. Weather Bureau, 1961, "River Basin Maps Showing Hydrologic Stations": Notes on Hydrologic Activities Bulletin no. 11, Inter-Agency Committee on Water Resources Subcommittee on Hydrology
- U. S. Weather Bureau, 1963, "History of Weather Bureau Precipitation Gages": Key to Meteorological Records Documentation no. 3.082
- U. S. Weather Bureau, 1963, "Normal Annual Total Precipitation": Weather Bureau National Atlas, revised
- U. S. Weather Bureau, 1963, "Selective Guide to Published Climatic Data Sources Prepared by the U. S. Weather Bureau": Key to Meteorological Records Documentation no. 4.11
- U. S. Weather Bureau, 1964, "Mean Daily Solar Radiation, Monthly and Annual": Weather Bureau National Atlas
- U. S. Weather Bureau, 1965, "Meteorological Drought": Weather Bureau Research Paper no. 45
- U. S. Weather Bureau, 1964, "Two-to Ten-Day Precipitation for Return Periods of 2 to 100 Years in the Contiguous United States": Weather Bureau Technical Paper no. 49
- University of New Mexico Bureau of Business Research, 1945, Business Information Series; New Mexico Economic Conditions
- University of New Mexico Bureau of Business Research, 1950, new Mexico, "Directory of Towns": Basic Economic Data; New Mexico Economic Conditions
- University of New Mexico Bureau of Business Research, "New Mexico State Business Directory and Economic Handbook": New Mexico Economic Conditions

- University of New Mexico Bureau of Business Research, 1964,
 "Potash": New Mexico Business, vol. 17, no. 3., p. 24
- University of New Mexico Bureau of Business Research, 1965,
 "New Mexico's Economy in 1964": The Annual Summary Issue
 of New Mexico Business, New Mexico Economic Conditions
- von Buttlar, Haro, and Wendt, Immo, 1958, "Ground-Water Studies
 in New Mexico Using Tritium as a Tracer": American Geo-
 physical Union Transaction, vol. 39, no. 4, p. 500-558
- von Buttlar, Haro, 1959, "Ground-Water Studies in New Mexico
 Using Tritium as a Tracer, II": Journal of Geophysics Re-
 search, vol. 64, no. 8, p. 1031-1038
- Vlissides, S. D., and Bieberman, R. A., 1961, "Map of New Mexico
 Showing Oil and Gas Fields, Unsuccessful Test Wells, Precam-
 brian Rocks, and Pipelines": U. S. Geological Survey Oil
 and Gas Investigation Map OM-207, 1 sheet
- Von Eschen, G. F., 1959, "Climate of the States--New Mexico":
U. S. Weather Bureau, Climatology of the United States,
 no. 60-29, 16 p.
- Watkins, W. E., 1937, "The Calcium and Phosphorus Contents of
 Important New Mexico Forages": New Mexico State University
 Agricultural Experiment Station, Bulletin #246
- West Texas Geological Society, 1960, "Early Drilling in South-
 eastern New Mexico": In West Texas Geological Society
 Field Trip and Guidebook, Geology of the Delaware Basin,
 New Mexico and Texas, September 29-October 1, 1960, p. 95-96
- White, D. E., Hem, J. D., Waring, G. A., 1963, "Chemical Composi-
 tion of Subsurface Waters": Chapter F, Data of Geochemis-
 try, 6th Edition, U. S. Geological Survey Professional Pa-
 per #440-F
- Whitworth, J. Wayne, 1960, "Research on the Control of Salt Ce-
 dar at New Mexico State University": 5th Annual New Mexico
 Conference, November 1960
- Wiard, L. A., 1962, "Floods in New Mexico, Magnitude and Fre-
 quency": U. S. Geological Survey Circular #464
- Williams, B. C., 1960, "Fertility Status of 15 New Mexico Soil
 Types": New Mexico State University Agricultural Exper-
 iment Station Bulletin #445
- Wilson, M. L., Chang, C. W., Watson, C. E., 1959, "Effects of
 Fertilization on Irrigated Pastures": New Mexico State

University Agricultural Experiment Station Bulletin #439

Winchester, Dean E., 1933, "The Oil and Gas Resources of New Mexico": New Mexico Bureau of Mines and Mineral Resources, Bulletin #9

Woodbury, C. M., 1960, "What the Saline Water Conversion Plant Means to the City of Roswell, New Mexico": 5th Annual New Mexico Water Conference, University Park, New Mexico State University of Agriculture, Engineering and Science, p. 61-93, (1961)

Wootton, T. P., 1930, "Geologic Literature of New Mexico": New Mexico Bureau of Mines and Mineral Resources Bulletin #5

Wormald, L. W., 1963, "Seepage Rates of Sodium Chloride Brines in Soil from Roswell, New Mexico Desalination Plant Waste Disposal Site (Thesis)": Civil Engineering Department, New Mexico State University

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