

APPENDIX B—PART 2: ALPHABETICAL COMPILATION

Bibliography on Topics Related to Transboundary Aquifer Systems of the New Mexico, Trans-Pecos Texas, and Northern Mexico Region (with Topical/Sub-Topical Alphanumeric Cross-Reference Codes*)

****Topical/Sub-Topical Categories, with Alphanumeric Cross-Reference Codes***

A. Bibliographies, Dictionaries, Glossaries, Biographies, Reviews, and News Items

- A1. Bibliographies, Dictionaries, and Glossaries
- A2. Biographies and Reviews
- A3. News Items

B. Time: Geologic, Prehistoric, and Historic

- B1. Geologic and Prehistoric Time
- B2. Prehistoric Perspective: US Southwest and Northern Mexico
- B3. Historic Perspective: US Southwest and Northern Mexico

C. Environmental, Physiographic, and Geologic Setting

- C1. Climatic, Hydrographic, Ecologic, and Paleoenvironmental Setting
- C2. Geologic and Geomorphic Setting
 - C2a. Geologic and Geomorphic Setting: Pre-1990
 - C2b. Geologic and Geomorphic Setting: Post-1989
- C3. Soil-Geomorphic Relationships and Soil Surveys
- C4. Geophysical/Geochemical Data and Interpretations

D. Basic Hydrogeologic Concepts

- D1. Conceptual Models, Definitions, and Regional Overviews
- D2. Groundwater-Flow Systems, Including Recharge

E. GIS/Remote Sensing and GW-Resource Management/Planning

- E1. GIS/Remote Sensing
- E2. Resource Management/Planning
 - E2a. Desalination
 - E2b. Recharge and Recovery
 - E2c. Groundwater-Quality Projection and Waste Management
- E3. Legal and Environmental Issues and Constraints

F. Transboundary Regional Hydrogeology and Geohydrology

- F1. Binational
- F2. USA
- F3. México

G. Early Documents on Mesilla Basin Regional Aquifer Systems (1858-1970)

- G1. 1858 to 1935
- G2. 1935 to 1970

H. Contemporary Documents on Mesilla Basin Regional Aquifer Systems

- H1. Hydrogeology
- H2. Hydrochemistry
- H3. Flow Models

I. Paleohydrology: Ancestral Fluvial and Pluvial Lake Systems

- I1. Regional Overviews
- I2. Transboundary Region Paleohydrologic Systems
- I3. Evolution of the Rio Grande Fluvial System

Master List-Alphabetical Compilation

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- Abert, J.W., 1848, Report of Lieut. J.W. Abert of his examination of New Mexico in the years 1846-'47: U.S. 30th Congress, First Session, Senate Executive Document 7 and House Executive Document 41, p. 417-546. **(B3)**
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- Ackerly, N.W., 1999, The evolution of the Rio Grande, *in* Ortega Klett, C.T., ed., Proceedings of the 43rd Annual New Mexico Water Conference: Water Challenges on the Lower Rio Grande. New Mexico Water Resources Research Institute Report No. 310, p. 26-32. *This is an excellent introduction to the historical river-flow record.* **(B2, B3)**
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- Ahmed, A.A., 2009, Using lithologic modeling techniques for aquifer characterization and groundwater flow modeling of the Sohag area, Egypt: Hydrogeology Journal, v. 17, no. 5, p. 1189-1201. *VOXEL modeling* **(D1)**
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- Akhtar, A., 2021, The Singularity is here – Artificially intelligent advertising technology is poisoning our societies: The Atlantic Dispatches-Opening Argument, v. 328, no. 5, p. 17-21. **(A2)**
- Aldama, A., Aparicio, F.J., and Equihua, R., eds., 2002, First International Symposium on Transboundary Waters Management, Proceedings: Asociación Mexicana de Hidráulica, Avances en Hidráulica 10, México, D.F., 650 p., ISBN 968-5536-08-2 **(E2, F1)**
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- Allen, J.R.L., 1965, A review of the origin and characteristics of recent alluvial sediments: Sedimentology (Special Issue), v. 5, no. 2, p. 91-191. **(D1)**
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