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WATER RESOURCES INVESTIGATIONS 80-20

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The southwestern part of New Mexico is recognized as a source of abundant and varied natural resources. This bibliography of over 2,700 references concerned with geology, hydrology, chemistry, and geography has been compiled to assist physical science researchers in their study and development of this region.

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BY ANN FINLEY WRIGHT

U.S. GEOLOGICAL SURVEY

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JANUARY 1980

UNITED STATES DEPARTMENT OF THE INTERIOR

Cecil D. Andrus, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

For additional information write to: U.S. Geological Survey
P.O. Box 26659
Albuquerque, New Mexico 87125

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Bibliography of geology and hydrology, southwestern New Mexico

by Ann Finley Wright

Abstract

The southwestern part of New Mexico is recognized as a source of abundant and varied natural resources. This bibliography of over 2,700 references concerned with geology, hydrology, chemistry, and geography has been compiled to assist physical science researchers in their study and development of this region.

Introduction

The southwestern part of New Mexico borders the State of Arizona to the west and the Republic of Mexico to the south. This study includes Catron, Dona Ana, Grant, Hidalgo, Lincoln, Luna, Otero, Sierra, and Socorro Counties (fig. 1). The region is an important source of natural resources, including water and mineral resources, wilderness areas, and geothermal potentials.

Because of the continuing interest in this region, a comprehensive listing of citations has been compiled. The bibliography contains over 2,700 references in geology, hydrology, chemistry, and geography, and will help avoid repetitious literature searches by those researching the area.

The citations are dated from 19th-century historical documents through December 1978 and are in English language only. The references are basically in the physical sciences with some representative historical, biological, and archaeological material included as background. The arrangement is by author or corporate author.

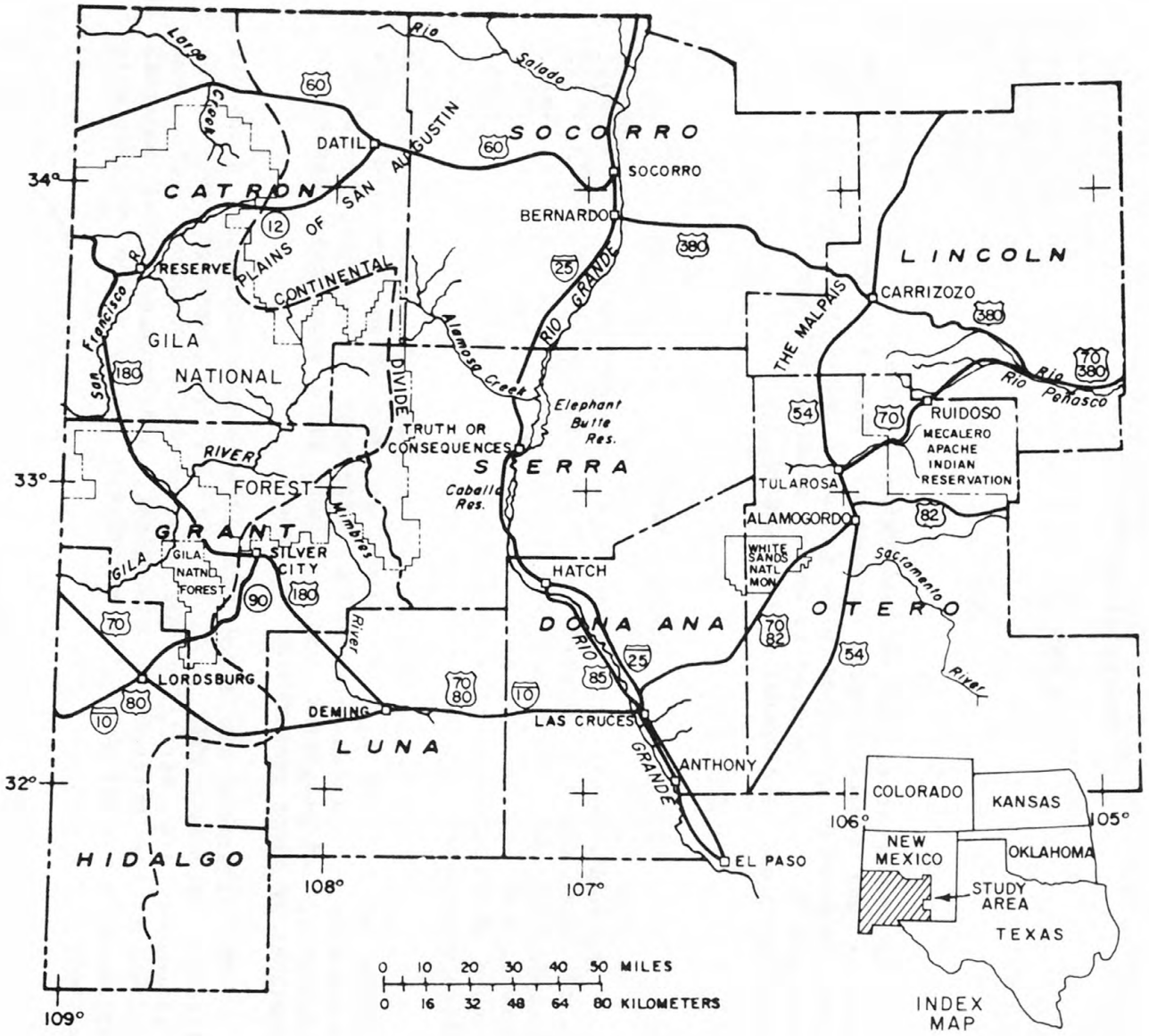

Figure 1.--Study area

Method of Compilation

The bibliographic citations were accumulated through manual searching with the help of the U.S. Geological Survey Libraries in Reston, Va., and Denver, Colo.; New Mexico State Library, Santa Fe; New Mexico State University Library and New Mexico Water Resources Research Institute, Las Cruces; New Mexico State Engineer Office, Santa Fe; and University of New Mexico, Albuquerque. Each reference was verified as to existence and availability.

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