REPORTS AND MAPS OF THE GEOLOGICAL SURVEY RELEASED ONLY IN THE OPEN FILES, 1953
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By Albert M. La Sala, Lois E. Randall, and Arthur Johnson
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INTRODUCTION

This circular contains a list of the maps and reports released by the Geological Survey in 1953 that are available only in open files. They may be consulted in the Geological Survey Library in Washington, D. C., and at various field offices, the addresses of which are given immediately after the date of the report. They may also be read at the offices of various cooperating agencies, as indicated.

Most of the maps were duplicated by rapid and inexpensive processes, such as photostat, vandyke, or ozalid, but some were printed by photolithography. Most of the texts for the reports are typed copies (ribbon or carbon copy), but some have been mimeographed. A few of these reports and maps were made available in limited quantities for distribution, as indicated in the list, and these may be obtained as long as the supply lasts.

The report and maps of the Conservation Division concern the topography of federally owned or controlled lands as it affects the production of water power; it covers areas studied or mapped by geologists and engineers in one State.

The reports and maps of the Geologic Division contain results of work accomplished by Survey geologists in 36 States, Alaska, Puerto Rico, and Greenland. These maps and reports are released in preliminary form in order to make information immediately available to property owners and mine operators concerned with exploration for and production of minerals, fuels, and construction materials.

The reports of the Water Resources Division contain information on streamflow, ground water, quality of water, and related geology and hydrology in the United States, Alaska, the Virgin Islands, Cuba, and Saudi Arabia.

A general index follows, in which the reader is referred to a report by its serial number as listed in the following list of reports, which are arranged alphabetically by names of the authors.

MAPS AND REPORTS


48. Currier, L. W., Geologic and seismic study of relocation of Route 5 at the Connecticut River crossing of the Boston and Albany Railroad, vicinity of station 66+40, West Springfield, Mass.: 1 p. Room 1, 270 Dartmouth Street, Boston, Mass.; Massachusetts Department of Public Works, 100 Nashua Street, Boston, Mass.


50. Dale, O. C., and Broadhurst, W. L., Memorandum on ground-water irrigation in Mitchell County, Texas: 21 p., 1 fig. July 28, 1953. 302 West 15th St., Austin, Tex.


58. Dutcher, L. C., and Garrett, A. A., San Bernardino area, Calif.: Three maps showing water-level contours for the San Bernardino area for spring 1936, spring 1945, and spring 1951; east-west geologic section from Colton to Mill Creek Canyon; geologic section from Shand Hills southeast to Bryn Mawr; and water-level profiles along the section from Colton to Mill Creek Canyon. March 4, 1953. 2520 Marconi Ave., Sacramento, Calif.


73. Foxworthy, B. L., Ground water in the lower Ahtanum Valley, Wash., and possible effects of increased withdrawal in that area: 26 p., 2 pls. 2128 South 38th St., Tacoma, Wash.


79. Grantz, Arthur, Preliminary report on the geology of the Nelchina area, Alaska: 3 maps, 1 explanation, 9 figs. May 27, 1953. 100 Old Mint Bldg., San Francisco, Calif.; Subport Bldg., Juneau, Alaska; Office of Regional Mining Supervisor, Conservation Division, Anchorage, Alaska; Alaskan Geology Branch, College, Alaska; 468 New Customhouse, Denver, Colo.; 529 Post Office and Courthouse Bldg., Los Angeles, Calif. Copies reproduced without color patterns are available at private expense by writing to the San Francisco office of the Survey.


104. Hale, W. E., and Nicholson, Alex, Three maps of a portion of Lea County, N. Mex.: (1) Contour map of the bottom of the Ogallala formation, (2) Contour map showing elevation of the water table, and (3) Map showing the thickness of the zone of saturation in the Ogallala formation. Feb. 27, 1953. 218 Bass Blvd., 918 West Park Ave., Albuquerque, N. Mex.


149. Lang, J. W., Ground water in the Trinity group in the San Antonio area, Tex.: 7 p., 1 fig. May 25, 1953. 302 West 15th St., Austin, Tex.; Federal Center, 610 Flores St., San Antonio, Tex.


158. Loeltz, O. J., Results of pumping test of an artesian well near Battle Mountain, Lander County, Nev.: 23 p., 3 figs. Feb. 27, 1953. 231 State Office Bldg., 201 South Fall St., Carson City, Nev.; Office of the State Engineer, Carson City, Nev.


188. Maynard, J. E., and Linehan, Rev. Daniel, Geology and geologic interpretation for relocation of Route 20 in Lee, Mass., approach cuts at Burnett Road, stations 220 to 236-10, 34; 411-40 to 418, Chicopee, Mass.: 3 p., 3 pls. Sept. 16, 1953. Room 1, 270 Dartmouth Street, Boston, Mass.; Massachusetts Department of Public Works, 100 Nashua Street, Boston, Mass.


193. Miller, D. J., Preliminary geologic map of Tertiary rocks in southeastern part of the Lituya district, Alaska, and correlated color sections of Tertiary rocks in the Lituya district, Alaska: 1 map, 1 sec. May 26, 1953. 100 Old Mint Bldg., San Francisco, Calif.; Subport Bldg., Juneau, Alaska; Office of the Regional Mining Supervisor, Conservation Division, Anchorage, Alaska; Alaskan Geology Branch, College, Alaska; 468 New Customhouse, Denver, Colo.; 529 Post Office and Courthouse Bldg., Los Angeles, Calif. Copies reproduced without color patterns are available at private expense by writing to the San Francisco office of the Survey.

194. Miller, D. J., Preliminary geologic map and structure sections of the Bering Glacier A-2, A-3, and A-4 and Icy Bay D-2 and D-3 quadrangles, Yakataga district, Alaska: 1 map, 4 sections. May 28, 1953. 100 Old Mint Bldg., San Francisco, Calif.; Subport Bldg., Juneau, Alaska; Office of Regional Mining Supervisor, Conservation Division, Anchorage, Alaska; Alaskan Geology Branch, College, Alaska; 468 New Customhouse, Denver, Colo.; 529 Post Office and Courthouse Bldg., Los Angeles, Calif. Copies reproduced without color patterns are available at private expense by writing to the San Francisco office of the Survey.


204. Orkild, P. P., Photogeologic map, Orange Cliffs 1 quadrangle, Wayne and San Juan Counties, Utah: 468 New Customhouse, Denver, Colo.; 504 Federal Bldg., Salt Lake City, Utah; Grand Junction, Colo.


207. Orkild, P. P., Photogeologic map, Stinking Spring Creek 3 quadrangle, Emery County, Utah: 1 map, June 22, 1953. 468 New Customhouse, Denver, Colo.; 504 Federal Bldg., Salt Lake City, Utah; Grand Junction, Colo.


244. Scott, J. M., Photogeologic map, Navajo Mountain 8 quadrangle, Kane and San Juan Counties, Utah: 1 map. Sept. 18, 1953. 504 Federal Bldg., Salt Lake City, Utah; 468 New Customhouse, Denver, Colo.; Grand Junction, Colo.


251. Stugard, Frederick, Jr., Geologic map of parts of Glastonbury and Middle Haddam quadrangle, Conn.: 1 map. Nov. 26, 1953. Connecticut Geological and Natural History Survey, Trinity College, Hartford, Conn.; Agricultural Research Center, Beltsville, Md.


258. Trauger, F. D., Ground water for irrigation in the Nara Visa and Porter areas, Quay County, N. Mex.: 4 p. August 24, 1953. 293 Geology Bldg., University of New Mexico, Albuquerque, N. Mex.

259. Trauger, F. D., Memorandum on ground water for public supply at the Canoncito Reservation Day School, Bernalillo County, N. Mex.: 11 p. November 25, 1953. 293 Geology Bldg., University of New Mexico, Albuquerque, N. Mex.


267. Waterman, W. D., Modification of the electric tape for measuring water levels in wells: 2 p., 1 fig. May 25, 1953. 510 Rudge-Guenzel Bldg., Lincoln, Nebr.; 114 South Kansas St., Salina, Kans.; University of Kansas, Lawrence, Kans.


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