REPORTS AND MAPS OF
THE GEOLOGICAL SURVEY
RELEASED ONLY IN THE
OPEN FILES, 1951

By Donald R. Wiesnet, Lois E. Randall, and Benjamin E. Jones
UNITED STATES DEPARTMENT OF THE INTERIOR
Douglas McKay, Secretary

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INTRODUCTION

This circular contains a list of the maps and reports released by the Geological Survey in 1951 that are available only in open files. They may be consulted in Washington, D. C., and may also be read at various field offices, the addresses of which are given immediately after the date of the report. Reports marked with an asterisk (*) are not available at the Washington, D. C., offices of the Survey. They concern work done in behalf of the U. S. Atomic Energy Commission and are available for examination at the following depositories:

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Michigan
Ann Arbor, University of Michigan Library
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Minneapolis, University of Minnesota Library

Missouri
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St. Louis, Washington University Library
New Jersey
   Princeton, Princeton University Library

New Mexico
   Albuquerque, University of New Mexico Library

New York
   Ithaca, Cornell University Library
   New York, Columbia University Library
   New York, New York Public Library
   Troy, Rensselaer Polytechnic Institute

North Carolina
   Durham, Duke University Library
   Raleigh, North Carolina State College Library

Ohio
   Cleveland, Cleveland Public Library
   Columbus, Ohio State University Library

Oklahoma
   Stillwater, Oklahoma Agricultural and Mechanical College Library

Oregon
   Corvallis, Oregon State College Library

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   Pittsburgh, Carnegie Library of Pittsburgh

Tennessee
   Knoxville, University of Tennessee Library
   Nashville, Joint University Libraries

Texas
   Austin, University of Texas Library

Utah
   Salt Lake City, University of Utah Library

Washington
   Seattle, University of Washington Library

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   Madison, University of Wisconsin Library

Most of the maps were duplicated by rapid and inexpensive processes, such as photostat, vandyke, or osalid, 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 reports and maps of the Conservation Division concern the production history, the geology, or the topography of federally owned or controlled lands with regard to water power, oil, and gas; these cover areas studied and mapped by geologists and engineers in 22 States, Alaska, and Panama, and include a revised estimate of the water-power resources of the world.

The reports and maps of the Geologic Division contain results of work accomplished by Survey geologists in 22 States, Alaska, and Panama. 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, Puerto Rico, and Chile.

A general index follows, in which the reader is referred to a report by the name of the author or the first-named of a group of authors; a key number, as guide to the specific report of an author; and a key letter, as guide to the division heading under which the report is listed.

GEOLOGIC DIVISION MAPS AND REPORTS


U. S. Geological Survey, 468 New Customhouse, Denver, Colo. A limited number of copies of the translations have been mimeographed, and as long as the supply lasts, copies can be had by writing the U. S. Geological Survey, Washington 25, D. C.


Cobb, E. H., Coal investigations on the northwest margin of the Homer district, Kenai coal field, Alaska: 13 pp., 3 pls., 2 tbsls. June 29, 1951. U. S. Geological Survey, 100 Old Mint Bldg., San Francisco, Calif., and Juneau and Fairbanks, Alaska. A limited number of copies have been mimeographed, and as long as the supply lasts, copies can be had by writing the U. S. Geological Survey, Washington 25, D. C.


Henderson, J. R., (2), Two preliminary aeromagnetic maps of the New Jersey Highland area, covering Franklin Furnace, Stanhope, Dover, Chester, and Mendham quadrangles and parts of Hamburg and Newton East quadrangles, N. J. Maps. Oct. 1, 1951. State Geologist, 520 East State St., Trenton, N. J.; Department of Geology, Rutgers University, New Brunswick, N. J.; Geology Department


Leonard, B. F., Magnetite deposits of the St. Lawrence County district, N. Y.: 22 pp., 2 maps, 2 figs. June 12, 1951. Geology Department Library, Princeton University, Princeton, N. J.; Public Library, 31 East Clinton St., Dover, N. J.


*Rabbitt, J. C., (2), Summary of the research work of the Trace Elements Section, Geochemistry and Petrology Branch, for the period January 1–March 31, 1951: 44 pp. Oct. 22, 1951.


Swanson, R. W., Geology of a part of the Virginia City and Eldridge quadrangles, Mont.: 12 pp., 2 pls. March 8, 1951. U. S. Geological Survey, South 157 Howard St., Spokane, Wash.; State Bureau of Mines and Geology, Butte, Mont.; Geology Department Library, University of Minnesota, Minneapolis, Minn.; Geology Department Library, Princeton University, Princeton, N. J.


WATER RESOURCES DIVISION MAPS AND REPORTS

Akin, P. D., (1), Preliminary report on ground-water conditions in the Cloquet area, Carlton County, Minn.: 92 pp., 6 figs. Feb. 15, 1951. 1428 New Post Office Bldg., St. Paul 1, Minn.

Akin, P. D., (2), Progress report on the geology and ground-water resources of the Devils Lake area, N. Dak.: 8 pp., 1 fig. Feb. 28, 1951. c/o North Dakota Geological Survey, University Station, Grand Forks, N. Dak.


Allen, W. B., Map of Rhode Island showing location of ground-water areas, selected wells and test borings, and stream gaging stations: Dec. 7, 1951. 101 Custom House Bldg., Providence, R. I.


Barksdale, H. C., How dependable are the ground-water resources of the greater Philadelphia-South Jersey area?: 3 pp. July 27, 1951. 430-432 Federal Bldg., Trenton, N. J.


Bennett, R. R., Ground-water data on certain areas in Baltimore County, Md.: 4 pp., 1 map. April 13, 1951. 103 Latrobe Hall, Johns Hopkins University, Baltimore, Md.

Bennett, R. R., and Meyer, R. R., Geologic cross section of the Sparrows Point district, Md.: 1 p. Nov. 5, 1951. 103 Latrobe Hall, Johns Hopkins University, Baltimore, Md.


DeBuchananne, G. D., Control of ground water in consolidated rocks (abstract only): March 16, 1951. Room 2-C, Post Office Bldg., Knoxville, Tenn.

Fader, S. W., Water levels in wells and lakes in Rathdrum Prairie and contiguous areas, Bonner and Kootenai Counties, northern Idaho: 84 pp., 1 pl., 1 fig. June 27, 1951. 720 Idaho St., Boise, Idaho.

Ferris, J. G., Guides to the successful development and efficient use of ground-water aquifers as sources of water supply or as reservoirs for waste disposal (abstract only): 3 pp. Oct. 18, 1951. 612 Capitol Savings and Loan Bldg., 112 E. Allegan St., Lansing, Mich.

Fishel, V. C., Permeability tests by the Thiem method: 17 pp., 3 figs. March 16, 1951. University of Kansas, Lawrence, Kans.


Garrett, A. A., Possibility of excessive rise of the water table at the site of Birmingham General Hospital, San Fernando Valley, Calif.: 6 pp., 1 map. April 13, 1951. 2520 Marconi Ave., Sacramento, Calif.; 5373 East Second St., Long Beach, Calif.


Hoy, N. D., (2), and others, Six cross sections and an index map of the Miami area, Fla., showing changes in the position of the salt front in the Biscayne aquifer from 1946 to 1950: Nov. 5, 1951. Dinner Key, S. Bayshore Dr., Miami, Fla.

Jacobsen, C. L., Memorandum on ground water from Mississippian rocks in the vicinity of Miami, Okla.: 9 pp., 1 fig. Aug. 29, 1944. (Released from war file, March 16, 1951.) Geology Bldg., Main Campus University of Oklahoma, Norman, Okla.

Jacobsen, C. L., and Reed, E. W., Memorandum on results of pumping tests at Goodrich plant site, Miami, Okla.: 11 pp., 13 graphs, 3 figs. June 1944. (Released from war file, March 16, 1951.) Geology Bldg. Main Campus, University of Oklahoma, Norman, Okla.

Jones, P. H., Geology and ground-water conditions in the lower valley of the Rio Elqui of Chile: 91 pp., 5 pls., 40 figs. March 27, 1951. 16 Geology Bldg., University of Louisiana, Baton Rouge, La.

Klaer, F. H., Jr., Summary report on the cooperative research project on conservation of ground water: 15 pp., 3 pls. May 24, 1951. 311 W. Washington St., Indianapolis, Ind.


Metzger, D. G., Geology and ground-water resources of the northern part of the Ranegrass Plain area, Yuma County, Ariz.: March 2, 1951. 18 East McCormick St., Tucson, Ariz.; 4014 N. 7th St., Phoenix, Ariz.; Arizona State Land Department, Phoenix, Ariz.


Norris, S. E., Platform for water-level-recording gage: 2 pp., 1 pl., 4 figs. April 13, 1951. Room 328, 40 S. Third St., Columbus, Ohio.


Skibitzke, H. E., and Yost, C. B., Jr., Location of sites for irrigation wells near Chiu Chuischu, Papago Indian Reservation, Pinal County, Ariz.: 6 pp., 3 figs. Oct. 18, 1951. 18 East McCormick St., Tucson, Ariz.


Taylor, G. H., Ground water in the Missouri River basin: 11 pp., 1 fig. April 24, 1951. 510 Rudge-Guenzel Bldg., Lincoln 8, Nebr.


Tice, R. H., Peak discharges for the Rockbridge County flood, Charlottesville, Virginia: 12 pp., 6 figs. January 1951. c/o Cabell Hall, University of Virginia, Charlottesville, Va.


CONSERVATION DIVISION MAPS AND REPORTS


Jones, B. E., and Young, L. L., Developed water power of the world, revised estimate of developed and potential water power of the world by countries, 11th revision, mimeographed circular, free, 7 pp., May 1, 1951. Room 3218, General Services Bldg., Washington 25, D. C.

Miller, J. C., Geologic report on Mile 186.5 dam site on Rogue River, Oregon, 3 pp., 1 sketch map. Nov. 28, 1951. 619 Post Office Bldg., Portland, Oreg., 529 Post Office and Court House, Los Angeles, Calif.
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