

GEOLOGICAL SURVEY CIRCULAR 528



**Reports and Maps of the  
Geological Survey Released  
Only in the Open Files, 1966**

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By Betsy A. Weld, Margaret S. Griffin, and George W. Brett

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**United States Department of the Interior**  
STEWART L. UDALL, *Secretary*



**Geological Survey**  
William T. Pecora, *Director*



# Reports and Maps of the Geological Survey Released Only in the Open Files, 1966

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## INTRODUCTION

This circular contains a list of maps and reports released by the U.S. Geological Survey during 1965 that are available for public inspection in the open files. These maps and reports may be consulted at the indicated depositories, and copies may be made upon request (at the requestor's expense).

The reports are arranged alphabetically by author; each report is preceded by a serial number that is used to identify the report in the index (p. 11), and is followed by the depositories at which it may be consulted.

Most open-file reports are on file in at least one of the major U.S. Geological Survey depositories listed below. Many are also on file at depositories selected as appropriate for the individual reports. All depositories are U.S. Geological Survey offices unless a State Geological Survey or other organization is specifically indicated. The following symbols are used in the list to indicate the major depositories:

- Wa Library, 1033 General Services Administration Building, 18th and F Streets, NW., Washington, D. C. 20242.
- Wb 1242-N General Services Administration Building, 18th and F Streets, NW., Washington, D. C. 20242.
- Da Library, Building 25, Federal Center, Denver, Colo. 80225.
- Db Public Inquiries Office, 15426 Federal Building, Denver, Colo. 80202.
- M Library, 345 Middlefield Road, Menlo Park, Calif. 94025.

- A Public Inquiries Office, 108 Skyline Building, 508 2nd Ave., Anchorage, Alaska 99501.
- LA Public Inquiries Office, 7638 Federal Building, 300 N. Los Angeles Street, Los Angeles, Calif. 90012.
- S Public Inquiries Office, South 157 Howard Street, Spokane, Wash. 99204.
- SF Public Inquiries Office, 504 Custom House, 555 Battery Street, San Francisco, Calif. 94111.
- T Public Inquiries Office, 602 Thomas Building, 1314 Wood Street, Dallas, Tex. 75202.
- U Public Inquiries Office, 8102 Federal Office Building, 125 South State Street, Salt Lake City, Utah 84111.

Open-file reports released during past years have been listed in the following circulars (\* indicates report is out of print):

Year(s)	Circular	Year	Circular
1946-47	*56	1957	*403
1948	*64	1958	412
1949-50	*149	1959	428
1951	*227	1960	448
1952	*263	1961	463
1953	*337	1962	473
1954	*364	1963	488
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MAPS AND BOOK REPORTS

1. Akers, J. P., Domestic water supply for the Hopland Indian Rancheria, Mendocino County, California: 10 p., 3 figs. (Wb, M.)
2. Alter, A. T., Extent and frequency of inundation of Schuylkill River flood plain from Conshohocken to Philadelphia, Pennsylvania: 30 p., 6 figs. (Wb; 1224 Mulberry St., Harrisburg, Pa. 17104.)
3. Altschuler, Z. S., Berman, Sol, and Cuttita, Frank, Rare earths in phosphorites—geochemistry and potential recovery: 35 p. (including 7 tables), 1 fig. (Wa, Da, M, U, S.)
4. Bedinger, M. S., Stone, C. G., Albin, D. R., Hines, M. S., and Hubble, J. H., Guidebook to the hydrology and geology of the Arkansas River valley and adjacent areas, Arkansas: 95 p., 6 figs. (Wb; 2301 Federal Office Bldg., 700 W Capitol Ave., Little Rock, Ark. 72201.)
5. Bell, E. A., Water resources of the Memphis area, Tennessee—Progress in fiscal year 1966: 4 p., 3 figs. (Wb; 144 Federal Bldg., Nashville, Tenn. 37203; 830 Federal Office Bldg., Memphis, Tenn. 38103.)
6. Bettendorf, J. A., Extent and frequency of inundation of flood plain in vicinity of Princeton, New Jersey: 36 p., 1 pl., 10 figs., 7 photos. (Wb; 433 Federal Bldg., Trenton, N. J. 08607.)
7. Bloyd, R. M., Jr., A progress report on the test-well drilling program in the west part of Antelope Valley, California: 20 p., 2 figs. (Wb, M.)
8. Bodhaine, G. L., Pesticides in the Boise River basin: 32 p., 3 figs. (WB; 830 NE Holladay St., Portland, Oreg. 97208.)
9. Brock, M. R., and Barker, Fred, Geologic map of the Mount Harvard quadrangle, Gunnison and Chaffee Counties, Colorado: 1 map and cross section, scale 1:62,500. (Wa, Da, Db, M.)
10. Brosgé, W. P., Reiser, H. N., Dutro, J. T., Jr., and Churkin, Michael, Jr., Geologic map and stratigraphic sections, Porcupine River Canyon, Alaska: 4 sheets, scale 1:63,360. (Wa, Da, M, A, S, SF, Db, LA, T; Brooks Bldg., College, Alaska 99735; 203 Simpson Bldg., 222 Seward St., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals, 5th floor, Goldstein Bldg., Juneau, Alaska 99801, and 3001 Porcupine Dr., Anchorage, Alaska 99504.)
11. Bryson, R. P., and Bass, N. W., Geologic map and coal sections of the Moorhead coal field, Montana: 37 figs., 3 tables (15 sheets). (Wa, Da, M, U, S.)
12. Buchanan, T. J., Sinnott, Allen, and Anderson, P. W., Hydrologic tools and techniques for the layman: 15 p., 5 figs. (Wb; 433 Federal Bldg., Trenton, N. J. 08607.)
13. Bull, W. B., Appraisal of near-surface subsidence on the Panoche Creek fan, Fresno County, California: 44 p., 10 figs. (Wb; 8003 Federal Bldg., and U.S. Court House, 650 Capitol Ave., Sacramento, Calif. 95814.)
14. Chidester, A. H., Hatch, N. L., Jr., Osberg, P. H., Norton, S. A., and Hartshorn, J. H., Geologic map of the Rowe quadrangle, Massachusetts and Vermont: 1 map, scale 1:24,000. (Wa; Rm. 1, 270 Dartmouth St., Boston, Mass. 02116.)
15. Coffin, D. L., Prospects for obtaining a water supply in the Fall River entrance area of Rocky Mountain National Park, Colorado, November 9, 1964, and Addendum, October 25, 1965, by E. J. Jenkins: 32 p., 5 figs. (Wb, Da.)
16. Colbert, J. L., Review of waterpower classifications, Payette River basin, Idaho: 67 p. (Wa, S; 914 Jefferson St., Boise, Idaho 83702; 830 NE Holladay St., Portland, Oreg. 97232.)
17. Colbert, J. L., and Young, L. L., Review of waterpower classifications, Siuslaw River basin, Oregon: 75 p. (Wa, S, SF; 1022 NE Holladay St., Portland, Oreg. 97232; Central Public Library, 801 SW 10th St., Portland, Oreg. 97205.)
18. Cooper, J. B., Pilot hole of the University of New Mexico water well no. 7: 28 p., 4 figs. (Wb, Db, T, U; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 87106.)
19. Cordes, E. H., Wall, J. R., and Moreland, J. A., Progress report on analog model construction, Orange County, California: 49 p., 4 figs. (Wb, M, LA, SF; 13245 Harbor Blvd., Garden Grove, Calif. 92640.)
20. Crawford, C. B., Jr., Page, R. W., and LeBlanc, R. A., Data for wells in the Fresno area, San Joaquin Valley, California: 263 p., 2 figs. (Wb, M.)
21. Dale, R. H., French, J. J., and Gordon, G. V., Ground-water geology and hydrology of the Kern River alluvial-fan area, California: 212 p., 30 figs. (M.)
22. Dale, R. H., and Rantz, S. E., Hydrologic reconnaissance of Point Reyes National Seashore area, California: 37 p., 14 figs. (Wb, M.)
23. Deutsch, Morris, and Wallace, J. C., Six illustrations showing water-resources

- information on Maumee River basin, Ohio, Indiana, and Michigan: (Wb; 554 U.S. Post Office Bldg., 85 Marconi Blvd., Columbus, Ohio 43215.)
24. Dickinson, R. G., Geology of the Cerro Summit quadrangle, Montrose County, Colorado: 117 p., 1 pl., 8 figs., 5 tables, map, scale 1:24,000. (Wa, Da.)
  25. Dobrovoly, Ernest, and Schmoll, H. R., Map of geologic materials, Anchorage and vicinity, Alaska: 1 map, scale 1:24,000. (Wa, Da, M, A, S; Alaska Div. of Mines and Minerals, 5th floor, Goldstein Bldg., Juneau, Alaska 99801, and 3001 Porcupine Dr., Anchorage, Alaska 99504.)
  26. Doolittle, R. N., Waterpower resources of California: 52 p. (Wa, SF, LA; 8030 Federal Bldg., Sacramento, Calif. 95814.)
  27. Dorr, J. V. N., II, compiler, Geologic map of Quadrilátero Ferrífero, Minas Gerais, Brazil: 1 map, scale 1:150,000. (Wa; Departamento Nacional da Produção Mineral, Avenida Pasteur 404, Rio de Janeiro, Gb., Brazil.)
  28. Drewes, Harald, Preliminary geologic map of the Mount Wrightson quadrangle, Santa Cruz and Pima Counties, Arizona: map and explanation (1 sheet), scale 1:48,000. (Wa, Da, M, Db, U, SF, LA; College of Mines, Arizona Bur. of Mines, Univ. of Arizona, Tucson, Ariz. 85721.)
  29. Drewes, Harald, Road log for southern Santa Rita Mountains, Santa Cruz and Pima Counties, Arizona: 6 p., 1 table. (Wa, Da, M, Db.)
  30. Dunn, Bernard, Time-of-travel studies, Genesee River basin (New York): 21 p., 44 figs. (Wb; 341 Federal Bldg., Albany, N. Y. 12201.)
  31. Dunn, Bernard, Time-of-travel studies, Hoosic River, North Adams, Massachusetts, to Hoosick Falls, New York: 17 p., 3 figs. (Wb; 341 Federal Bldg., Albany, N. Y. 12201.)
  32. Dunn, Bernard, Time-of-travel studies, Lake Erie-Niagara River basins, New York: 108 p., 80 figs. (Wb; 341 Federal Bldg., Albany, N. Y. 12201.)
  33. Durham, D. L., Geologic maps of Bradley and Tierra Redonda Mountain quadrangles, Monterey and San Luis Obispo Counties, California: 2 maps, scale 1:24,000. (Wa, Da, M, LA, SF; 309 Federal Bldg., 800 Truxton Ave., Bakersfield, Calif. 93301.)
  34. Dutton, C. E., Effinger, F. D., and Johnson, R. W., Jr., Precambrian geology of Florence West quadrangle, Florence County, Wisconsin, and Iron County, Michigan: 1 map. See report no. 154 for map explanation. (Wa; 222 Science Hall, Univ. of Wisconsin, Madison, Wis. 53706; Geol. Survey Div., Dept. of Conserv., Lansing, Mich. 48926.)
  35. Dutton, C. E., and Emerick, W. L., Precambrian geology of Florence SE quadrangle, Florence County, Wisconsin: 1 map. See report no. 154 for map explanation. (Wa; 222 Science Hall, Univ. of Wisconsin, Madison, Wis. 53706.)
  36. Dutton, C. E., and Emerick, W. L., Precambrian geology of Iron Mountain SW quadrangle, Florence County, Wisconsin: 1 map. See report no. 154 for map explanation. (Wa; 222 Science Hall, Univ. of Wisconsin, Madison, Wis. 53706.)
  37. Dutton, C. E., Johnson, R. W., Jr., James, H. L., and Wier, K. L., Precambrian geology of Florence East quadrangle, Florence County, Wisconsin, and Iron County, Michigan: 1 map. See report no. 154 for map explanation. (Wa; 222 Science Hall, Univ. of Wisconsin, Madison, Wis. 53706; Geol. Survey Div., Dept. of Conserv., Lansing, Mich. 48926.)
  38. Dyni, J. R., Measured sections of the Mesaverde Group and list of fossils collected from the Mancos Shale and Mesaverde Group, Thornburg area, Moffat and Rio Blanco Counties, Colorado: 12 p. (Wa, Da, Db, M, U.)
  39. Eargle, D. H., Stanford, J. F., Jr., and Davis, B. O., Preliminary geologic map of the Live Oak County area, Texas: 1 map, scale 1:63,360. (Wa, Da, M, T.)
  40. Eaton, G. P., and Timmons, C. E., Principal facts for gravity stations in Safford and San Simon Valleys, Arizona: 4 p., 51 p. tabular material. (Wa, Da, M, SF, LA, U.)
  41. Espey, W. H., Jr., Some effects of urbanization on storm runoff, Waller Creek, Austin, Texas, 1955-62: 65 p., 26 figs. (Wb; Federal Bldg., 300 E 8th Ave., Austin, Tex. 78701.)
  42. Evenson, R. E., Hydrologic inventory of the Lompoc subarea, Santa Ynez River basin, Santa Barbara County, California: 68 p., 5 figs. (Wb, M; 126 Figueros St., Santa Barbara, Calif. 93104.)
  43. Farlekas, G. M., Extent and frequency of floods on Delaware River in vicinity of Belvidere, New Jersey: 37 p., 1 pl., 17 figs. (Wb; 433 Federal Bldg., Trenton, N. J. 08607.)
  44. French, J. J., Progress report on proposed ground-water studies in the Lytle

- Creek-San Sevaine area, Upper Santa Ana Valley, California, 1965: 23 p., 3 figs. (Wb, M; 13245 Harbor Blvd., Garden Grove, Calif. 92640.)
45. Friday, John, The operation and maintenance of a crest-stage gaging station: 26 p., 6 figs. (Wb; 830 NE Holladay St., Portland, Ore. 97208.)
  46. Gaca, J. R., and Karig, D. E., Gravity survey in the San Luis Valley area, Colorado: 21 p., 22-p. appendix, 8 figs. (Wa, Da, M, Db, U.)
  47. Gere, W. C., Schell, E. M., and Moore, K. P., Stratigraphic sections and phosphate analyses of Permian rocks in the Teton Range and parts of the Snake River and Gros Ventre Ranges, Idaho and Wyoming: 71 p., 1 pl., 2 figs., 1 table. (Wa, Da, M, Db, U, S.)
  48. Giessner, F. W., and Robson, S. G., Ground-water conditions for 1965 at the Marine Corps Base, Twentynine Palms, California: 27 p., 6 figs. (Wb, M; 13245 Harbor Blvd., Garden Grove, Calif. 92640.)
  49. Giessner, F. W., and Westphal, J. A., Ground-water inventory for 1965, Edwards Air Force Base, California: 24 p., 6 figs. (Wb, M, LA, SF.)
  50. Goldberg, J. M., Fosberg, F. R., Sachet, Marie-Helene, and Reimer, Allen, World distribution of soil, rock, and vegetation: 37 p., 14 figs., 8 tables. (Wa, Da, M.)
  51. Gosling, A. W., The patterns of subsurface flow in the Bloomington-Colton area, Upper Santa Ana Valley, California: 30 p., 3 figs. (Wb, M.)
  52. Granger, H. C., Analytical data on samples collected at Ambrosia Lake, New Mexico—1958 through 1962: 485 p., 86 figs., 4 tables. (Wa, Da, M.)
  53. Grantz, Arthur, Strike-slip faults in Alaska: 82 p., 8 figs., 2 tables. (Wa.)
  54. Guy, H. P., and others, Laboratory theory and methods: 110 p., 14 figs. (Da.)
  55. Haley, B. R., Coal in the Dardanelle Reservoir area, Yell, Pope, Logan, Johnson, and Franklin Counties, Arkansas: 12 p., 5 charts, 6 figs., 1 table. (Wa.)
  56. Hampton, E. R., Geologic map of the Molalla-Salem Slope area, Oregon: (Wb; 415 Federal Bldg., 830 NE Holladay St., Portland, Ore. 97208.)
  57. Harwood, D. S., Geology of the Cupsuptic quadrangle, Maine: 259 p., 8 pls., 34 figs., 16 tables. (Wa.)
  58. Hassemer, J. H., Watkins, J. S., and Bailey, N. G., Seismic refraction surveys in the vicinity of Eagle City, Clark County, Ohio: 7 p., 3 figs. (Wa, M, Da; 554 Post Office Bldg., 85 Marconi Blvd., Columbus, Ohio 43215.)
  59. Hauth, L. D., and Christensen, R. C., Flood-flow characteristics of Caddo River at U.S. Highway 67 and Interstate Highway 30 at Caddo Valley, Arkansas: 15 p., 6 figs. (Wb; 2301 Federal Office Bldg., 700 W Capitol Ave., Little Rock, Ark. 72201.)
  60. Healy, J. H., and others, Geophysical and geological investigations relating to earthquakes in the Denver area, Colorado: 59 p., 31 figs. (Wa, Da, M.)
  61. Hedman, E. R., and Pearson, E. G., Floods of November and December 1965 in southern California: 44 p., 14 figs. (Wb, M.)
  62. Holt, C. L. R., Jr., The future for water in the Wolf River region, Wisconsin: 7 p. (Wb; 175 Science Hall, Univ. of Wisconsin, Madison, Wis. 53706.)
  63. Hopkins, H. T., Water resources of the Fayette County area, Kentucky: 7 p., 1 map. Part II. See Part I, report no. 69. (Wa, Da, M; 710 W High St., Lexington, Ky. 40508; Kentucky Geol. Survey, 307 Mineral Industries Bldg., 120 Graham Ave., Lexington, Ky. 40506; City-County Planning Comm., 227 N Upper St., Lexington, Ky. 40507.)
  64. Hughes, L. S., Effect of the partial control of natural salinity on water quality in Possum Kingdom Reservoir, Texas: 13 p., 3 figs. (Wb; Federal Bldg., 300 E 8th St., Austin, Tex. 78701.)
  65. Hurr, R. T., and Moore, J. E., Transmissibility of valley-fill aquifer, Boone to Fowler, Colorado: 1 map. (Wb, Da.)
  66. Hurr, R. T., Moore, J. E., and Richards, D. B., Contour of bedrock surface, Boone to Fowler, Colorado: 1 map.
  67. Irza, T. J., Preliminary flood-frequency relations for small streams in Kansas: 24 p., 5 figs. (Wb, M, Da; 403 Federal Bldg., Topeka, Kans. 66601.)
  68. Johnson, Arthur, Glacier observations, Glacier National Park, Montana, 1965: 22 p., 3 figs. (Wa, Da, M, Db, S, U; 244 Federal Bldg., Tacoma, Wash. 98402; 409 Federal Bldg., Helena, Mont. 64459; 1709 Jackson St., Omaha, Nebr. 68102; Glacier Natl. Park, West Glacier, Mont. 59936.)
  69. Johnson, C. G., Engineering geology of Lexington and Fayette County, Kentucky:

- 19 p., 1 map, plus generalized columnar section, 2 tables. Part I. See Part II, report no. 63. (Wa, Da, M; 710 W High St., Lexington, Ky. 40508; Kentucky Geol. Survey, 307 Mineral Industries Bldg., 120 Graham Ave., Lexington, Ky. 40506; City-County Planning Comm., 227 N Upper St., Lexington, Ky. 40507.)
70. Johnson, J. O., and Edwards, K. W., Determination of lead-210 in water: 18 p., 1 fig. (Wb, Da.)
  71. Keller, F. J., and Gilbert, B. K., The occurrence and characteristics of fluvial sediment in the Genesee River basin—a reconnaissance: 34 p., 7 figs. (Wb; 341 Federal Bldg., Albany, N. Y. 12201.)
  72. Knutilla, R. L., Hydrologic studies of small watersheds in agricultural areas of southern Michigan—Report no. 3, Deer-Sloan basin: 11 p., 12 figs. (Wb; 700 Capitol Savings and Loan Bldg., Lansing, Mich. 48933.)
  73. Kosanke, R. M., Palynological investigations in the Pennsylvanian of Kentucky—II: 29 p., 7 charts. (Wa, Da, M; 710 W High St., Lexington, Ky. 40508; Kentucky Geol. Survey, 307 Mineral Industries Bldg., 120 Graham Ave., Lexington, Ky. 40501.)
  74. Kunkel, Fred, A geohydrologic reconnaissance of the Saratoga Spring area, Death Valley National Monument, California, with an appendix by T. W. Robinson: 25 p., 2 figs. (Wb, M.)
  75. Kunkel, Fred, and Hofman, Walter, Ground water in the San Joaquin Valley, California: 14 p. (Wb, M.)
  76. Lang, S. M., and Leonard, A. R., Instructions for using the punch-card system for the storage retrieval of ground-water data: 86 p., 5 figs. (Wb.)
  77. Larrabee, D. M., Geologic of serpentinite quarry at Hunting Hill, Montgomery County, Maryland: 1 map. (Wa, Da, M; Maryland Geol. Survey, 214 Latrobe Hall, Johns Hopkins Univ., Baltimore, Md. 21218.)
  78. Maberry, J. O., Instrument installations for the study of coal mine bumps at Sunnyside, Utah: 12 p., 5 figs. (Wa, U, Da, M.)
  79. Maberry, J. O., and Barnes, B. K., Seismic events recorded at Sunnyside, Utah, from January through June 1965: 1 fig. (Wa, Da, M, U.)
  80. Mabey, D. R., Principal facts for gravity stations in the Death Valley region, California: 5 p., 23 p. tables. (Wa, Da, M, LA, SF; Div. of Mines and Geology, Dept. of Conserv., Ferry Bldg., San Francisco, Calif. 94111.)
  81. Mabey, D. R., Principal facts for gravity stations in the western Mojave Desert, California: 3 p., 22 p. tables. (Wa, Da, M, LA, SF; Div. of Mines and Geology, Dept. of Conserv., Ferry Bldg., San Francisco, Calif. 94111.)
  82. Maughan, E. K., Pennsylvanian and Permian paleogeography, tectonics and stratigraphy in Montana and the Dakotas: 16 sheets. (Wa, Da, Db, U, S, M.)
  83. McCarthy, J. H., Jr., and Gott, G. B., The distribution of Ag, Pb, Zn, Sb, As, and Hg in soils at Lenado, Aspen quadrangle, Colorado, with a Preliminary geologic map of the Lenado mining district, Pitkin County, Colorado, by Bruce Bryant: 2 sheets. (Wa, Da, M, Db, U.)
  84. McKay, E. J., and Burchfiel, B. C. Geologic map of the Lathrop Wells quadrangle, Nye County, Nevada: 1 map, scale 1:24,000. (Wa, Da, M, Db, U, SF, LA; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
  85. McKay, E. J., and Burchfiel, B. C., Geologic map of the Striped Hills quadrangle, Nye County, Nevada: 1 map, scale 1:24,000. (Wa, Da, M, Db, U, SF, LA; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
  86. Meuschke, J. L., and Kirby, J. R., Aeromagnetic map of Hayden Peak and vicinity, Uinta Mountains, Utah: 1 map, scale 1:125,000. (Wa, Da, Db, U, M; Utah Geol. and Mineralog. Survey, 103 Civil Engineering Bldg., Univ. of Utah, Salt Lake City, Utah 84112.)
  87. Moench, R. H., and Drake, A. A., Jr., Mines and prospects, Idaho Springs district, Clear Creek and Gilpin Counties, Colorado—Descriptions and maps: 383 p., 83 figs. (Wa, Da, M.)
  88. Moody, D. W., and Van Reenan, E. D., High resolution subbottom profiles of the Delaware estuary: 8 p., 8 figs. (Wb; 1802 U.S. Custom House, 2nd and Chestnut Sts., Philadelphia, Pa. 19106.)
  89. Moore, J. E., and Hurr, R. T., Water-table contour map, Boone to Fowler, Colorado, March 15 to 30, 1966: 1 map. (Wb, Da.)
  90. Moore, W. J., Curtin, G. C., Roberts, R. J., and Tooker, E. W., Distribution of selected metals in the Stockton district, Utah: 12 p., 3 figs. (Wa, Da, M, Db, U.)
  91. Musgrove, R. H., and Cooley, M. E., A reconnaissance of lakes and proposed lake sites in the White Mountains, Fort Apache Indian Reservation, Arizona: 15 p., 3 figs. (Wb; Geology Bldg., Univ. of Arizona, Tucson, Ariz. 85717.)



92. Nelson, J. M., and Cox, Doak, Geologic map of the Silver Cloud mine, Nevada: 3 maps. (Wa, Da, M, U, SF, LA; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
93. Norvitch, R. F., and Lamb, M. E. S., Records of selected wells, springs, testholes, materials tests, and chemical analyses of water in the Housatonic River basin, Massachusetts: 12 p., 1 fig. (Wb; Rm. 205, 211 Congress St., Boston, Mass. 02100.)
94. O'Bryan, Deric, Water and land resources of the Patuxent River drainage basin, Maryland: 33 p., 6 figs. (Wb.)
95. Pashley, E. F., Jr., Structure and stratigraphy of the central, northern, and eastern parts of the Tucson Basin, Arizona: 273 p., 49 figs. (Wb; Geology Bldg., Univ. of Arizona, Tucson, Ariz. 85717.)
96. Pavlides, Louis, Reconnaissance map of bedrock geology of a part of northwestern New Brunswick, Canada: 1 map, scale 1:250,000. (Wa, Da; Rm. 1, 270 Dartmouth St., Boston, Mass. 02116.)
97. Pessl, Fred, Jr., Preliminary construction materials map, Woodbury quadrangle, Litchfield and New Haven Counties, Connecticut: 1 sheet, scale 1:24,000. (Wa, Da, M; Rm. 1, 270 Dartmouth St., Boston, Mass. 02116; Connecticut Geol. and Nat. History Survey, 303 Judd Hall, Wesleyan Univ., Middletown, Conn. 06457.)
98. Peterson, D. L., Complete bouguer gravity anomaly map of the San Francisco Mountains vicinity, Beaver and Millard Counties, Utah: 1 map, scale 1:62,500. (Wa, Da, M, Db, U; Utah Geol. and Mineralog. Survey, 103 Civil Engineering Bldg., Univ. of Utah, Salt Lake City, Utah 84102.)
99. Peterson, D. L., Principal facts for gravity stations in the San Francisco Mountains vicinity, Beaver and Millard Counties, Utah: 14 data sheets. (Wa, Da, M, Db, U; Utah Geol. and Mineralog. Survey, 103 Civil Engineering Bldg., Univ. of Utah, Salt Lake City, Utah 84102.)
100. Peterson, D. L., Principal facts for gravity stations in Sulphur Springs Valley, Arizona: 2 p., 10 p. data sheets. (Wa, Da, Db, U, SF, M, LA.)
101. Peterson, Fred, and Horton, G. W., Preliminary geologic map and coal deposits of the northeast quarter of the Gunsight Butte quadrangle, Kane County, Utah: 2 sheets, scale 1:24,000. (Wa, Da, M, Db, U.)
102. Peterson, Fred, and Waldrop, H. A., Preliminary geologic map of the southeast quarter of the Gunsight Butte quadrangle, Kane and San Juan Counties, Utah, and Coconino County, Arizona: 1 sheet, scale 1:24,000. (Wa, Da, M, Db, U.)
103. Philbin, P. W., and McCaslin, W. E., Aeromagnetic map of parts of Rockland, Water-smeet, Greenland, Ontonagon, and Iron Counties, Michigan, and Vilas and Forest Counties, Wisconsin: 1 map, scale 1:62,500. (Wa, Da, M; Geol. Survey Div., Dept. of Conserv., Lansing, Mich. 48926; Dept. of Geology, Michigan Technol. Univ., Houghton, Mich. 49931.)
104. Pillmore, C. L., Geologic map of the Catskill NW quadrangle, New Mexico and Colorado: 1 map, scale 1:24,000. (Wa, Da, M, Db, U, T; New Mexico Bur. of Mines and Mineral Resources, New Mexico Inst. of Mining and Technology, Socorro, N. Mex. 87801.)
105. Pitkin, J. A., and White, B. L., Total intensity aeromagnetic profiles over northwestern Puerto Rico: 1 sheet aeromagnetic profiles, 1 base map, scale 1:50,000. (Wa, Da, M; Industrial Laboratory, Puerto Rico Econ. Devel. Adm., Franklin D. Roosevelt Ave. and Lamar St., Hato Rey, San Juan, Puerto Rico 00918.)
106. Purtymun, W. D., and Kennedy, W. R., Distribution of moisture and radioactivity in the soil and tuff at the contaminated waste pit near Technical area 21, Los Alamos, New Mexico: 46 p., 15 figs. (Wb, Db, U, T; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 87106.)
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