

GEOLOGICAL SURVEY CIRCULAR 618



**Reports and Maps of the
Geological Survey Released
Only in the Open Files, 1969**

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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

WALTER J. HICKEL, *Secretary*



Geological Survey

William T. Pecora, *Director*



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INTRODUCTION

This circular contains a list of maps and reports released by the U.S. Geological Survey during 1969 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. 19), 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:

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- SF Public Inquiries Office, 504 Custom House, 555 Battery St., San Francisco, Calif. 94111.
- T Public Inquiries Office, 602 Thomas Bldg., 1314 Wood St., Dallas, Tex. 75202.
- U Public Inquiries Office, 8102 Federal Office Bldg., 125 South State St., Salt Lake City, Utah 84111.
- Wa Library, 1033 General Services Administration Bldg., 18th and F Sts., NW., Washington, D.C. 20242.
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Open-file reports released during past years have been listed in the following circulars (* indicates report is out of print):

<i>Years(s)</i>	<i>Circular</i>	<i>Year</i>	<i>Circular</i>
1946-47	*56	1958	412
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MAPS AND BOOK REPORTS

1. Akers, J. P., Ground water in the Scotts Valley area, Santa Cruz County, California: 13 p., 4 figs. (Wa, Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025.)
2. Aldrich, S. A., Aldrich, F. T., and Rudd, R. D., The employment of weather satellite imagery in an effort to identify and locate the forest-tundra ecotone in Canada: 32 p, 15 figs. (Wa, Da, F, M.)
3. Alexander, R. H., Geographic Applications Program: reports completed and in preparation: 13 p. (Wa, Da, F, M.)
4. Allen, H. E., Floods in Marengo South quadrangle, northeastern Illinois: 10 p., 16 figs. (Wa, Wb; 605 North Neil St., Champaign, Ill. 61820.)
5. Allen, R. V., and Davis, W. E., Geophysical investigations in the Bi'r Idimah-Wadi Wassat area, Saudi Arabia, Part One: 3 p., 3 pls., 2 figs. (Wa, Da, M.)
6. Allen, R. V., and Davis, W. E., Geophysical investigations in the Bi'r Idimah-Wadi Wassat area, Saudi Arabia, Part Two: 5 p. 6 pls., 1 fig. (Wa, Da, M.)
7. Anderson, H. R., and Appel, C. A., Geology and ground-water resources of Ocean County, New Jersey: 134 p., 30 figs. (Wa, Wb; 420 Federal Bldg., Trenton, N.J. 08607.)
8. Anderson, H. W., Jr., Water supplies for Coulee Dam National Recreational Area, Washington: 141 p., 32 figs. (Wa, Wb, S; Rm. 300, 1305 Tacoma Ave., Tacoma, Wash. 98402.)
9. Anderson, L. A., Reed, B. L., and Johnson, G. R., Preliminary geologic interpretation of aeromagnetic data in the Nixon Fork district, Alaska: 6 p., 1 pl., 1 fig., scale 1:63,360. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
10. Anderson, W. L., Computer Contribution Number 1, Weighted triangulation adjustment: 52 p. (Wa, Da, Db, A, F, LA, M, S, SF, T, U.)
11. Appel, C. A., Klein, Howard, Hydrogeologic data related to establishment of a pumping station in the Everglades National Park, Florida: 36 p., 5 figs. (Wa, Wb; Gunther Bldg., Tennessee and Woodward Sts., Tallahassee, Fla. 32304.)
12. Armstrong, A. K., Availability of petrographic thin-sections of the Lisburne Group from north-eastern Brooks Range, Alaska: 1 sheet. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
13. Armstrong, A. K., Preliminary carbonate lithofacies maps and possible dolomite porosity trends, Mississippian-Pennsylvanian Lisburne Group, North Slope, Alaska: 15 p., 7 figs. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
14. Armstrong, A. K., Mamet, B. L., and Dutro, J. T., Jr., Foraminiferal zonation and carbonate facies of the Mississippian and Pennsylvanian Lisburne Group, central and eastern Brooks Range, Arctic Alaska: 26 p., 4 figs. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
15. Barnes, B. K., Dunrud, C. R., and Hernandez, Jerome, Seismic activity in the Sunnyside mining district, Utah, during 1967: 26 p. (incl. 2 tables), 6 figs. (Wa, Da, Db, M, U.)
16. Behrendt, J. C., and Wotorson, C. S., Aeromagnetic and gravity investigations of the basins on the continental shelf and coastal area of Liberia, West Africa: 11 p., 10 figs. (Wa, Da, M.)
17. Behrendt, J. C., and Wotorson, C. S., Preliminary Bouguer anomaly map of the Monrovia region of Liberia: 1 sheet, scale 1:500,000. (Wa, Da, M.)
18. Behrendt, J. C., and Wotorson, C., Preliminary magnetic basement elevation of Liberian Continental Shelf: 1 map, scale 1:1,000,000. (Wa.)
19. Berg, H. C., Preliminary geologic map of Annette Island, Alaska: map and explanation (2 sheets), scale 1:63,360. (Wa, Da, Db, M, SF, LA, A; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology, 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)

20. Bloyd, R. M., Jr., Underground storage of imported water in the San Geronio Pass area, California: 74 p., 9 figs. (Wa, Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025; 13245 Harbor Blvd., Garden Grove, Calif. 92640.)
21. Borgeson, W. T., and Batson, R. M., Photogrammetric calibration of Apollo film cameras: 14 p., 6 figs. (Wa, Da, M, F.)
22. Brabb, E. E., compiler, Preliminary geologic map of the Black River quadrangle, east-central Alaska: 1 map and explanation, scale 1:250,000. (Wa, Da, Db, A, M, LA, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
23. Brew, D. A., and Ford, A. B., Minor element content of stream-sediment and bedrock samples from southeastern Douglas Island, southeastern Alaska: 4 p., 3 figs, 2 tables. (Wa, Da, Db, M, SF, LA, S, A; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
24. Bromfield, C. S., and Crittenden, M. D., Jr., Geologic map of the Park City East quadrangle, Summit and Wasatch Counties, Utah: 2 sheets, scale 1:24,000. (Wa, Da, Db, M, U.)
25. Brosgé, W. P., and Reiser, H. N., Preliminary geologic map of the Coleen quadrangle, Alaska: 1 map and explanation, scale 1:250,000, tables (1 sheet). (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
26. Brosgé, W. P., and Tailleux, I. L., Isopach maps of upper Paleozoic and Mesozoic rocks, northern Alaska: 13 p. text, 10 figs. (11 sheets), scale 1:2,500,000. (Wa, Da, Db, A, M, LA, S, SF; 441 Federal Bldg., Juneau, Alaska 99801; Brooks Bldg., College, Alaska 99701; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
27. Brown, R. D., Jr., Post-earthquake infrared imagery, Parkfield-Cholame, California, earthquakes of June–August 1966: 25 p., 10 figs., 1 table. (Wa, Da, F, M.)
28. Burnhan, W. L., Harder, A. H., and Dion, N. P., Availability of ground water for large-scale use in the Malad Valley-Bear River areas of southeastern Idaho—An initial assessment: 82 p., 7 figs. (Wa, Wb, M, S, SF; 8002 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111; 365 Federal Bldg., 550 West Fort St., Boise, Idaho 83702.)
29. Busch, W. F., Extent and frequency of inundation on the Perkiomen Creek flood plain from Green Lane Reservoir to the Schuylkill River (near Oaks, Pennsylvania): 27 p., 3 pls., 9 figs. (Wa, Wb; Federal Bldg., 228 Walnut St., Harrisburg, Pa. 17108.)
30. Callahan, J. E., Wanek, A. A., Schell, E. M., Zeller, H. D., and Rohrer, W. L., Geology of T. 1 S., R. 44 W., unsurveyed, Umiat principal meridian, in the Kukpowruk coal field, Alaska: 19 p., 1 pl., 1 fig., 2 tables. (Wa, Da, M, A; U.S. Bur. of Mines, Douglas Island via the Causeway, Juneau, Alaska 99801.)
31. Cannon, P. J., Geologic map of Apollo Landing Site 7, 1 pl. (1 sheet), scale 1:25,000, with explanation and geologic summary. (Wa, Da, Db, A, LA, M, F, SF, S, T, U.)
32. Carpenter, D. H., and Simmons, R. H., Floods of August 1967 in Maryland and Delaware: 223 p., 36 figs. (Wa, Wb; 724 York Rd., Towson, Md. 21204.)
33. Carr, M. H., and Titley, S. R., Geologic map of Lunar Orbiter site II P-13, Oceanus Procellarum north of equator: map and explanation (1 sheet), scale 1:100,000. (Wa, Da, F, M.)
34. Carter, W. D., Annotated bibliography of USGS technical letters-NASA on remote sensing investigations through June 1967: 46 p., 8 p. NASA technical letters. (Wa, Da, M.)
35. Carter, W. D., and Gualtieri, J. L., Maps showing locations of holes drilled in 1952 to 1954 by U.S. Geological Survey, La Sal Creek area, Paradox district, Montrose County, Colorado, and San Juan County, Utah: 1 p., 5 pls. (Wa, Da, M; U.S. Atomic Energy Comm., Grand Junction, Colo. 81501.)
36. Castle, R. O., and Yerkes, R. F., Recent surface movements in the Baldwin Hills, Los Angeles County, California: 300 p., 50 figs. (Wa, Da, M.)
37. Cederstrom, D. J., Geology and ground-water resources of the Middle Peninsula, Virginia: 231 p., 9 figs. (Wa, Wb; 200 West Grace St., Richmond, Va. 23220; Nat. Resources Bldg., McCormick and Alderman Rds., Charlottesville, Va. 22903.)
38. Christiansen, R. L., Poole, F. G., Barnes, Harley, Orkild, P. P., Byers, F. M., Jr., Carr, W. J., McKeown, F. A., Houser, F. N., Shoemaker, E. M., and Emerick, W. L., Guidebook for past field trips to the Nevada Test Site: 55 p., 24

- figs. (Wa, Da, Db, M, LA, SF, U; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
39. Chute, N. E., The talc, soapstone, and asbestos deposits of Massachusetts: 42 p., 12 pls. (Wa, Da, M; 80 Broad St., Boston, Mass. 02110.)
 40. Clark, M. M., Geologic utility of small-scale air-photos: 30 p., 5 figs., 15 pls. (Wa, Da, F, M.)
 41. Clark, S. H. B., and Foster, H. L., Analyses of stream-sediment, rock, and soil samples from a part of the Seventymile River area, Eagle quadrangle, Alaska: 10 p., 2 pls., 129 p. tables (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 42. Clark, S. H. B., and Foster, H. L., Geochemical analyses of stream-sediment and rock samples, Tanacross quadrangle, Alaska: 12 p. (incl. 8 sheets tables), 2 pls., scale 1:250,000. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 43. Clark, S. H. B., and Foster, H. L., Preliminary geologic map of the Eagle D-2 and D-3 quadrangles: map and explanation (1 sheet), scale 1:63,360. (Wa, Da, Db, M, SF, LA, S, A; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 44. Cline, D. R., Availability of ground water in the Federal Way area, King County, Washington: 64 p., 8 figs. (Wa, Wb, LA, S, SF; Rm. 300, 1305 Tacoma Ave. South, Tacoma, Wash. 98402.)
 45. Cobb, E. H., compiler, Metallic mineral resources map of the Cordova quadrangle, Alaska: 4 p., 1 sheet, scale 1:250,000, 1 index map. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 46. Cobb, E. H., compiler, Metallic mineral resources maps of eleven Alaska quadrangles: 20 p., 11 maps, scale 1" = 11½ mi. (Wa, Da, Db, M, LA, SF, S, A; Brooks Bldg., College, Alaska, 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 47. Cobb, E. H., compiler, Metallic mineral resources map of the Hagemester Island quadrangle, Alaska: 3 p., 1 pl., scale 1:250,000. (Wa, Da, Db, LA, A, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 48. Cobb, E. H., compiler, Metallic mineral resources map of the Kodiak quadrangle, Alaska: 3 p., 1 map, scale 1:250,000, 1 index map. (Wa, Da, Db, A, M, LA, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 49. Cobb, E. H., compiler, Metallic mineral resources map of the Seldovia quadrangle, Alaska: 4 p., 1 sheet, scale 1:250,000, 1 index map. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 50. Cobb, E. H., compiler, Metallic mineral resources map of the Sleetmute quadrangle, Alaska: 4 p., 1 pl., scale 1:250,000. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 51. Cobb, E. H., compiler, Metallic mineral resources map of the Talkeetna Mountains quadrangle, Alaska: 4 p., 1 sheet, scale 1:250,000, 1 index map. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 52. Cobb, E. H., and Matson, N. A., Jr., compilers, Metallic mineral resources map of the Anchorage quadrangle, Alaska: 11 p., 1 index map, 1 map (scale 1:250,000). (Wa, Da, Db, M, SF, LA, S, A; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)

53. Coffin, D. L., and Bredehoeft, J. D., Digital computer modeling for estimating mine-drainage problems, Piceance Creek basin, northwestern Colorado: 20 p., 8 figs. (Wa, Wb, Da, Db.)
54. Colbert, J. L., and Young, L. L., Review of water-power classifications and withdrawals, Deschutes River basin, Oregon: 169 p., 35 figs, 12 tables. (Wa; Library, Dept. of Interior 1002 NE. Holladay St., Portland, Oreg. 97208; Central Public Library, 801 SW. 10th Ave., Portland, Oreg. 97205; Rm. 204, 830 NE. Holladay St., Portland, Oreg. 97208.)
55. Collings, S. P., Geology and geochemistry of the Omai Mine area, Omai SW, Guyana: 223 p., 6 pls., 14 figs., 15 tables. (Wa; Library, Dept. of Geology, Colorado School of Mines, Golden, Colo. 80401.)
56. Colton, R. B., and Mallory, M. J., Map showing location of sand, gravel, and till pits in Ellington quadrangle, Connecticut: 52 p. data, 1 map, scale 1:24,000. (Wa; 80 Broad St., Boston, Mass. 02110; Connecticut Geol. and Nat. History Survey, Judd Hall, Wesleyan Univ., Middletown, Conn. 06457.)
57. Colton, R. B., and Mallory, M. J., Map showing location of sand, gravel, and till pits and quarries in the Hampden quadrangle, Massachusetts: 53 p. data, 1 map, scale 1:24,000. (Wa; 80 Broad St., Boston, Mass. 02110; Connecticut Geol. and Nat. History Survey, Judd Hall, Wesleyan Univ., Middletown, Conn. 06457.)
58. Colton, R. B., and Mallory, M. J., Map showing location of sand, gravel, and till pits and quarries in the Rockville quadrangle, Connecticut: 66 p. data 1 map, scale 1:24,000. (Wa; 80 Broad St., Boston, Mass. 02110; Connecticut Geol. and Nat. History Survey, Judd Hall, Wesleyan Univ., Middletown, Conn. 06457.)
59. Cordes, E. H., Hydraulic testing and sampling of USBM-AEC Colorado Core Hole 3, Rio Blanco County, Colorado: 30 p., 12 figs. (Wa, Wb, Da, Db.)
60. Cox, E. R., Results of water-resources investigations through 1968 in Yellowstone National Park, Wyoming: 87 p. 8 figs. (Wa, Wb, Db; 8002 Federal Bldg., 1961 Stout St., Salt Lake City, Utah 84111; Blue Cross Bldg., 215 East 8th Ave., Cheyenne, Wyo. 82001.)
61. Craig, C. S., Jr., Collins, D. L., and Wilson, J. F., Jr., Study of flood hydrographs for small drainage basins in Wyoming—progress report: 67 p., 32 figs. (Wa, Wb, Db; 8002 Federal Bldg., 1961 Stout St., Salt Lake City, Utah 84111; Blue Cross Bldg., 215 East 8th Ave., Cheyenne, Wyo. 82001.)
62. Cressman, E. R., and Hrabar, S. V., Preliminary structure map of the Wilmore quadrangle, central Kentucky: 1 sheet, scale 1:24,000. (Wa, Da, M; 710 West High St., Lexington, Ky. 40508; Kentucky Geological Survey, 307 Mineral Industries Bldg., Univ. of Kentucky, Lexington, Ky. 40506.)
63. Crippen, J. R., and Waananen, A. O., Hydrologic effects of suburban development near Palo Alto, California: 199 p., 31 figs. (Wa, Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025.)
64. Crowder, D. F., Multispectral techniques for general geological surveys—Evaluation of a four-band photographic system: 6 p., 5 figs. (Wa, Da, M, F.)
65. Cummings, David, Geologic map of Lunar Orbiter site III P-11, Oceanus Procellarum south of equator: map and explanation (1 sheet), scale 1:100,000. (Wa, Da, F, M.)
66. Cummings, David, Preliminary geologic map of the Clavius quadrangle of the Moon: 1 pl., scale 1:1,000,000, 12 p., 8 figs. (Wa, Da, Db, A, F, LA, M, S, SF, T, U.)
67. Curtiss, D. A., Chemical quality of surface water in the Umpqua River basin, Oregon: 22 p., 4 figs. (Wa, Wb, M; 830 NE. Holladay, Portland, Oreg. 97208.)
68. Davis, W. E., and Akhrass, M. N., Preliminary geophysical investigation of the Wadi Yiba copper prospect, Saudi Arabia: 4 p., 3 figs. (Wa, Da, M.)
69. Davis, W. E., Akhrass, M. N., and Gazzaz, Hisham, Geophysical exploration in the Wadi Qatan area, Saudi Arabia: 9 p., 5 pls., 6 figs. (Wa, Da, M.)
70. Detterman, R. L., Analysis of selected limestone samples from Iliamna and Bruin Bays, Iliamna quadrangle, Alaska: 2 p., 3 figs., 1 table: (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
71. Detterman, R. L., and Cobb, E. H., compilers, Metallic mineral resources map of the Iliamna quadrangle, Alaska: 3 p., 1 map, scale 1:250,000, 1 index map. (Wa, Da, Db, A, M, LA, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
72. Dibblee, T. W., Jr., Regional geologic map of San Andreas fault from Cholame area to Cuyama-Maricopa area, San Luis Obispo, Kern, and

- Kings Counties, California: 1 map and explanation (2 sheets), scale 1:125,000. (Wa, Da, M, LA, SF.)
73. Dickey, D. D., Jenkins, E. C., McKeown, F. A., and Lee, W. H., Geologic effects of the Greeley event, Nevada Test Site: 2 pls., 1 fig. (Wa, Da, Db, M, LA, SF, U; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
 74. Dickey, D. D., McKeown, F. A., and Ellis, W. L., Summary of geologic effects of the Boxcar event, Nevada Test Site: 4 p., 2 pls., 1 fig. (Wa, Da, Db, M, LA, SF, U.)
 75. Dingman, R. J., Evaluation of the effects of the U.S. Bureau of Reclamation ring dike on the ground-water flow and water quality in the Downs area, Kansas: 19 p., 3 figs. (Wa, Wb; U.S. Geol. Survey, 1901 Iowa St., Lawrence, Kansas 66044.)
 76. Dobrovolsky, E., Schmoll, H. R., and Yehle, L. A., Geologic environmental factors related to TAPS [Trans-Alaska Pipeline System] from Valdez to Fairbanks, Alaska: 5 maps, scale 1:250,000, tabular list (1 sheet), (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Geology: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 77. Doty, G. C., Availability of water near Apena, Luna County, New Mexico: 21 p., 2 figs. (Wa, Wb, Db, T; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 87106.)
 78. Doty, G. C., Test wells SMR-4 and SMR-5, White Sands Missile Range, Dona Ana County, New Mexico: 26 p., 5 figs. (Wa, Wb, Db; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 87106.)
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