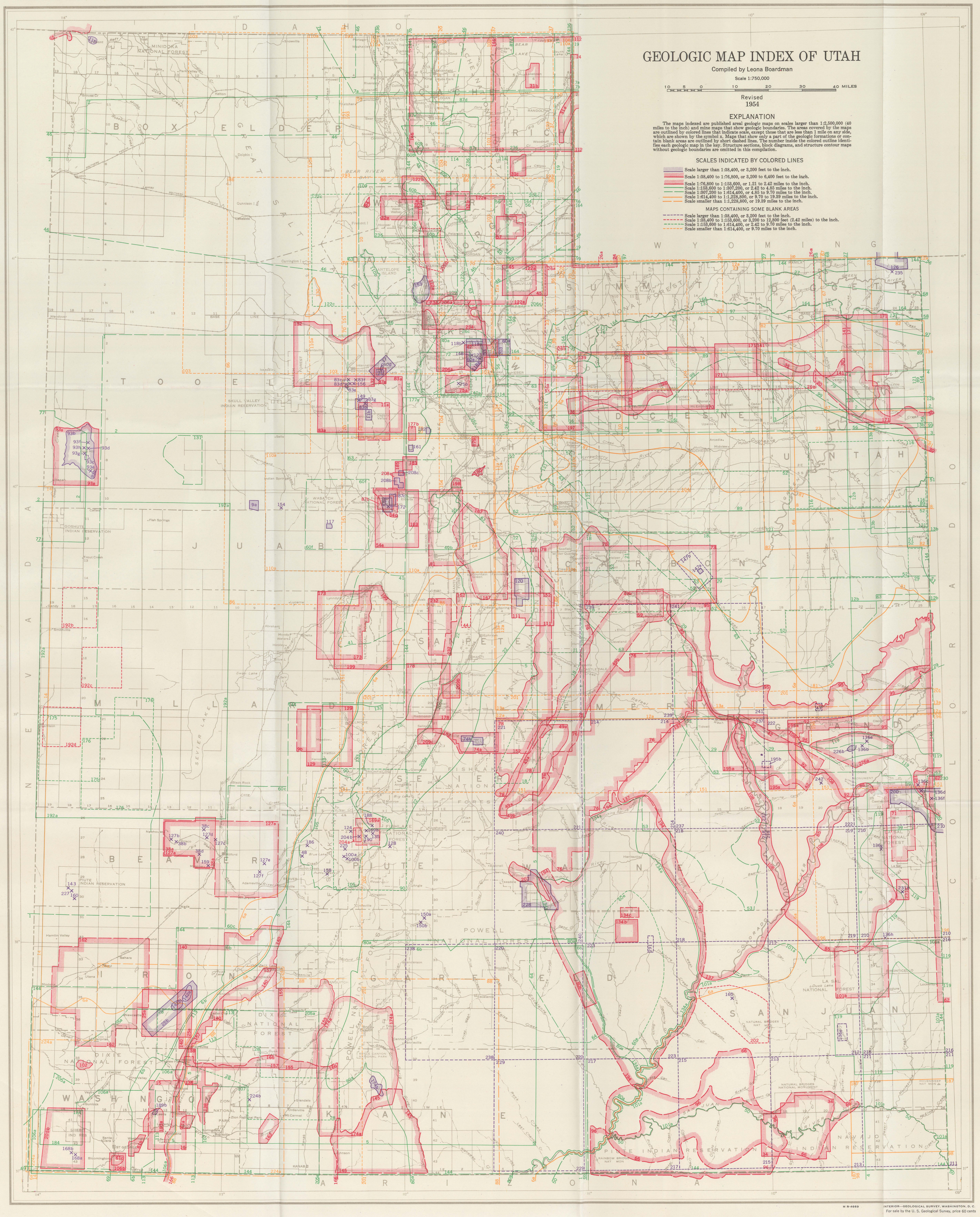
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

INDEX TO GEOLOGIC MAPPING IN THE UNITED STATES
STATE OF UTAH



GEOLOGIC MAP INDEX OF UTAH

Compiled by Leona Boardman

Scale 1:750,000

10 5 0 10 20 30 40 MILES

Revised
1954

EXPLANATION

The maps indexed are published areal geologic maps on scales larger than 1:2,500,000 (40 miles to the inch) and mine maps that show geologic boundaries. The areas covered by the maps are outlined by colored lines that indicate scale, except those that are less than 1 mile on any side, which are shown by the symbol x. Maps that show only a part of the geologic formations or contain blank areas are outlined by short dashed lines. The number inside the colored outline identifies each geologic map in the key. Structure sections, block diagrams, and structure contour maps without geologic boundaries are omitted in this compilation.

SCALES INDICATED BY COLORED LINES

- Scale larger than 1:38,400, or 3,200 feet to the inch.
- Scale 1:38,400 to 1:76,800, or 3,200 to 6,400 feet to the inch.
- Scale 1:76,800 to 1:153,600, or 1.21 to 2.42 miles to the inch.
- Scale 1:153,600 to 1:307,200, or 2.42 to 4.85 miles to the inch.
- Scale 1:307,200 to 1:614,400, or 4.85 to 9.70 miles to the inch.
- Scale 1:614,400 to 1:1,228,800, or 9.70 to 19.39 miles to the inch.
- Scale smaller than 1:1,228,800, or 19.39 miles to the inch.

MAPS CONTAINING SOME BLANK AREAS

- Scale larger than 1:38,400, or 3,200 feet to the inch.
- Scale 1:38,400 to 1:153,600, or 3,200 to 12,800 feet (2.42 miles) to the inch.
- Scale 1:153,600 to 1:614,400, or 2.42 to 9.70 miles to the inch.
- Scale smaller than 1:614,400, or 9.70 miles to the inch.

M R-4669

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
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STATE MAP

Geologic map of Utah, by B. S. Butler, scale 1:760,320: U. S. Geological Survey Professional Paper 111, pl. 4, 1919.

KEY TO INDEX MAP

The publications are listed chronologically, except those containing maps of the same or similar areas, which are indicated by one outline to which only one key number is given.

1. 1876. Wheeler, G. M., Geological atlas to illustrate geographical explorations and surveys west of the 100th meridian: U. S. Army, Corps of Engineers. Sheets 50, 58, 59, 66, and 67, 1:506,880.
2. 1876. King, Clarence, U. S. Geol. Exploration of the 40th Parallel. Maps 2-4, 1:253,440.
3. 1876. Powell, J. W., Geology of the eastern portion of the Uinta Mountains and a region of country adjacent thereto: U. S. Geol. and Geog. Survey of the Territories, Atlas, 1:253,440.
4. 1877. Hayden, F. V., Geological and geographical atlas of Colorado and portions of adjacent territory: U. S. Geol. and Geog. Survey of the Territories. Sheets 11, 14, and 15, 1:253,440.
5. 1879. Dutton, C. E., Topographic and geologic atlas of the district of the High Plateaus of Utah: U. S. Geog. and Geol. Survey Rocky Mountain region, Atlas. Sheet 2, 1:253,440.
6. 1882. Dutton, C. E., Tertiary history of the Grand Canyon district: U. S. G. S. Mon. 2. (a) Pl. 4 and sheet 2, 1:1,000,000, (b) sheets 20-21, 1:253,440.
7. 1883. Peale, A. C., Geologic maps of portions of Idaho, Wyoming, and Utah: U. S. Geol. and Geog. Survey of the Territories 12th Ann. Rept., map case. (a) Sheet 2, 1:500,000, A. C. Peale, Orestes St. John, and F. M. Endlich; (b) sheet 5, 1:253,440.
8. 1889. White, C. A., Geology and physiography of a portion of northwestern Colorado and adjacent parts of Utah and Wyoming: U. S. G. S. 9th Ann. Rept., p. 677-712. Pl. 88, 1:812,500.
9. 1890. Gilbert, G. K., Lake Bonneville: U. S. G. S. Mon. 1. (a) Pl. 32, 1:20,000, (b) pl. 35, 1:93,750, G. K. Gilbert and I. C. Russell.
10. 1893. Emmons, S. F., Geological guidebook of the Rocky Mountain excursion: 5th Internat. Geol. Cong. Compte Rendu, p. 253-487. Fig. 18, 1:1,187,500.
11. 1895. Spurr, J. E., Economic geology of the Mercur mining district: U. S. G. S. 16th Ann. Rept., pt. 2, p. 343-455. (a) Pl. 25, 1:125,000, S. F. Emmons and J. E. Spurr; (b) pl. 26, 1:18,000.
12. 1896. Eldridge, G. H., Uintaite (gilsonite) deposits of Utah: U. S. G. S. 17th Ann. Rept., pt. 1, p. 909-949. (a) Pl. 59, 1:625,000, (b) pl. 60, 1:250,000.
13. 1901. Eldridge, G. H., Asphalt and bituminous rock deposits of the United States: U. S. G. S. 22d Ann. Rept., pt. 1, p. 209-452. (a) Pl. 38, 1:1,500,000, (b) pl. 40, 1:250,000.
    1953. Current, A. M., Review of the geology and activities in the Uinta Basin: Colorado School Mines Quart., v. 48, no. 3. (a) Pl. 3, 1:750,000.
14. 1903. Spurr, J. E., Descriptive geology of Nevada south of the 40th parallel and adjacent portions of California: U. S. G. S. Bull. 208. Pl. 1, 1:937,500.
15. 1904. Huntington, Ellsworth, and Goldthwait, J. W., Hurricane fault in the Toquerville district: Harvard Coll. Mus. Comp. Zoology Bull., v. 42, p. 199-259. Pl. 7, 1:93,750.
16. 1905. Berkey, C. P., Stratigraphy of the Uinta Mountains: Geol. Soc. America Bull., v. 16, p. 517-530. Fig. 2, 1:500,000.
17. 1905. Boutwell, J. M., Economic geology of the Bingham mining district: U. S. G. S. Prof. Paper 38. Pl. 1, 1:20,000, Arthur Keith and J. M. Boutwell. Same area as No. 60, pl. 33. Also mine map.
    1948. Peacock, Hollis, An outline of the geology of the Bingham district: Mining and Metallurgy, v. 29, p. 533-534. Map p. 534, 1:42,240.
18. 1906. Taff, J. A., Book Cliffs coal field west of Green River: U. S. G. S. Bull. 285, p. 289-302. Pl. 9, 1:375,000.
19. 1906. Veatch, A. C., Coal and oil in southern Uinta County, Wyo.: U. S. G. S. Bull. 285, p. 331-353. Pls. 10 and 11, 1:312,500, A. C. Veatch and A. R. Schultz.
20. 1907. Weeks, F. B., Phosphate deposits in western United States: U. S. G. S. Bull. 315, p. 449-462. Pl. 4, 1:1,000,000, F. B. Weeks and W. F. Ferrier.
21. 1907. Taff, J. A., Pleasant Valley coal district, Carbon and Emery Counties: U. S. G. S. Bull. 316, p. 338-358. Pl. 20, 1:160,000.
22. 1907. Richardson, G. B., Underground water in Sanpete and central Sevier Valleys: U. S. G. S. Water-Supply Paper 199. Pl. 2, 1:250,000.
23. 1907. Weeks, F. B., Stratigraphy and structure of the Uinta Range: Geol. Soc. America Bull., v. 18, p. 427-448. Fig. 2, 1:937,500.
24. 1907. Veatch, A. C., Geography and geology of a portion of southwestern Wyoming: U. S. G. S. Prof. Paper 56. Pl. 3, 1:125,000.
25. 1908. Leith, C. K., and Harder, E. C., Iron ores of the Iron Springs district: U. S. G. S. Bull. 338. (a) Pl. 2, 1:62,500, E. C. Harder and Freeman Ward; (b) pls. 3-6, 1:6,000, C. K. Leith and E. C. Harder.
    1950. Cook, K. L., Magnetic surveys in the Iron Springs district, Iron County: U. S. Bur. Mines Rept. Investig. 4586. (b) Fig. 3, 1:36,000, in part after maps by J. H. Mackin, C. K. Leith, and E. C. Harder. Also larger scale maps.
26. 1909. Atwood, W. W., Glaciation of the Uinta and Wasatch Mountains: U. S. G. S. Prof. Paper 61. (a) Pl. 4, 1:125,000, (b) fig. 8, 1:62,500, (c) pl. 10, 1:250,000. Also more detailed sketch maps of moraines.
27. 1909. Gale, H. S., Coal fields of northwestern Colorado and northeastern Utah: U. S. G. S. Bull. 341, p. 283-315. Pl. 20, 1:250,000. (Pl. 19, 1:250,000, H. S. Gale, J. A. Davis, and C. W. Stoops, is superseded by No. 30.)
28. 1909. Richardson, G. B., Harmony, Colob, and Kanab coal fields, southern Utah: U. S. G. S. Bull. 341, p. 379-400. Pl. 25, 1:250,000, G. B. Richardson and L. J. Pepperberg.
29. 1909. Richardson, G. B., Book Cliffs coal field between Grand River, Colo., and Sunnyside, Utah: U. S. G. S. Bull. 371. Pl. 1, 1:380,160, G. B. Richardson and L. J. Pepperberg.
    1907. Richardson, G. B., Book Cliffs coal field: U. S. G. S. Bull. 316, p. 302-320. Pl. 18, 1:500,000, G. B. Richardson and L. J. Pepperberg.
30. 1910. Gale, H. S., Coal fields of northwestern Colorado and northeastern Utah: U. S. G. S. Bull. 415. Pl. 21, 1:125,000.
31. 1910. Gale, H. S., and Richards, R. W., Phosphate deposits in southeastern Idaho and adjacent parts of Wyoming and Utah: U. S. G. S. Bull. 430, p. 457-535. (a) Pl. 11, 1:62,500, (b) pl. 12, 1:62,500, (c) pl. 13, 1:62,500.
32. 1910. Blackwelder, Eliot, New light on the geology of the Wasatch Mountains: Geol. Soc. America Bull., v. 21, p. 517-542. (a) Fig. 5, 1:125,000, (b) fig. 9, 1:125,000.
33. 1912. Boutwell, J. M., Geology and ore deposits of the Park City district: U. S. G. S. Prof. Paper 77. Pl. 2, 1:25,000, J. M. Boutwell, J. D. Irving, and L. H. Woolsey, and pl. 39, 1:12,000, J. M. Boutwell and J. D. Irving. Also mine map.
34. 1912. Woodruff, E. G., Geology of the San Juan oil field: U. S. G. S. Bull. 471, p. 76-104. Pl. 8, 1:63,360.
35. 1912. Lupton, C. T., Deep Creek district of the Vernal coal field, Uintah County: U. S. G. S. Bull. 471, p. 579-594. Pl. 60, 1:62,500.
36. 1912. Lupton, C. T., Blacktail (Tabby) Mountain coal field, Wasatch County: U. S. G. S. Bull. 471, p. 595-628. Pl. 62, 1:62,500.
37. 1912. Richards, R. W., and Mansfield, G. R., Bannock overthrust: Jour. Geology, v. 20, p. 681-709. Fig. 1, 1:1,562,500.
38. 1913. Butler, B. S., Geology and ore deposits of the San Francisco and adjacent districts: U. S. G. S. Prof. Paper 80. (a) Pl. 1, 1:62,500 (same as No. 60, pl. 40), (b) pl. 29, 1:1,800, (c) pl. 35, 1:1,500, (d) pl. 39, 1:720.
    1914. Butler, B. S., Geology and ore deposits of the San Francisco and adjacent districts: Econ. Geology, v. 9, p. 413-434. (a) Pl. 5, 1:125,000.
39. 1913. Hill, J. M., Notes on the northern La Sal Mountains: U. S. G. S. Bull. 530, p. 99-118. Fig. 16, 1:250,000.
40. 1913. Loughlin, G. F., Reconnaissance in the southern Wasatch Mountains: Jour. Geology, v. 21, p. 436-452, 1913. (a) Fig. 2, 1:250,000, (b) fig. 4, 1:250,000.
41. 1914. Loughlin, G. F., Reconnaissance in the Canyon Range: U. S. G. S. Prof. Paper 90, p. 51-60. Fig. 4, 1:375,000. Same as No. 60, fig. 43.
42. 1914. Lupton, C. T., Oil and gas near Green River, Grand County: U. S. G. S. Bull. 541, p. 115-133. Pl. 6, 1:125,000, C. T. Lupton, M. W. Ball, and R. V. A. Mills.
43. 1914. Clark, F. R., Coal near Thompson, Grand County: U. S. G. S. Bull. 541, p. 453-477. Pl. 28, 1:31,250.
44. 1914. Clark, F. R., Coal near Wales, Sanpete County: U. S. G. S. Bull. 541, p. 478-489. Pl. 29, 1:62,500.
45. 1915. Wegemann, C. H., Coalville coal field: U. S. G. S. Bull. 581, p. 161-184. Pl. 11, 1:62,500.
46. 1915. Lee, W. T., Stone, R. W., Gale, H. S., and others, Overland Route guidebook: U. S. G. S. Bull. 612. Sheets 14-17, 1:500,000.
47. 1916. Butler, B. S., and Loughlin, G. F., Reconnaissance of the Cottonwood-American Fork mining region: U. S. G. S. Bull. 620, p. 165-226. Pl. 6, 1:50,000, B. S. Butler, G. F. Loughlin, J. M. Boutwell, and others.
48. 1916. Loughlin, G. F., Alunite developments near Marysvale and Beaver: U. S. G. S. Bull. 620, p. 237-270. Fig. 15, 1:9,000. Same as No. 60, fig. 60.
49. 1916. Lupton, C. T., Geology and coal resources of Castle Valley in Carbon, Emery, and Sevier Counties: U. S. G. S. Bull. 628. (a) Pl. 10, 1:62,500, (b) pl. 12, 1:125,000.
50. 1916. Gregory, H. E., Navajo country: U. S. G. S. Water-Supply Paper 380. Pl. 2, 1:500,000.
    1917. Gregory, H. E., Geology of the Navajo country: U. S. G. S. Prof. Paper 93. Pl. 2, 1:500,000.
51. 1917. Winchester, D. E., Oil shale in northwestern Colorado and adjacent areas: U. S. G. S. Bull. 641, p. 139-198. Pl. 18 (Green River formation), 1:250,000.
52. 1918. Winchester, D. E., Oil shale of the Uinta Basin: U. S. G. S. Bull. 691, p. 27-50. Pl. 12 (Bridger and Uinta formations and oil shale bed), 1:250,000.
    1923. Winchester, D. E., Oil shale of the Rocky Mountain region: U. S. G. S. Bull. 729. Pl. 16 (Uinta and Bridger formations and oil shale bed), 1:250,000.
53. 1918. Emery, W. B., Green River Desert section: Am. Jour. Sci., 4th ser., v. 46, p. 551-577. Fig. 2, 1:600,000.
54. 1919. Lindgren, Waldemar, and Loughlin, G. F., Geology and ore deposits of the Tintic mining district: U. S. G. S. Prof. Paper 107. (a) Pl. 1, 1:62,500, (b) pl. 4, 1:9,600 (also mine maps), (c) fig. 15, 1:78,125 (same as No. 60, fig. 42), G. F. Loughlin.
    1900. Tower, G. W., Jr., Smith, G. O., and Emmons, S. F., Tintic district: U. S. G. S. Geol. Folio 65. (a) 1:62,500, (b) 1:9,600, G. W. Tower, Jr., and G. O. Smith.
    1899. Tower, G. W., Jr., and Smith, G. O., Geology and mining industry of the Tintic district: U. S. G. S. 19th Ann. Rept., pt. 3, p. 601-767. (a) Pl. 74, 1:62,500, (b) pl. 76, 1:9,600.
    1934. Farmin, Rollin, "Pebble dikes" and associated mineralization at Tintic: Econ. Geology, v. 29, p. 356-370. (b) Fig. 4, 1:6,000.
55. 1919. Loughlin, G. F., Two lamprophyre dikes near Santaquin and Mount Nebo: U. S. G. S. Prof. Paper 120, p. 101-109. Fig. 13, 1:187,500. Same as No. 60, fig. 40.
56. 1919. Schultz, A. R., Geologic reconnaissance of the Uinta Mountains with special reference to phosphate: U. S. G. S. Bull. 690, p. 31-94. Pl. 5, 1:500,000.
57. 1919. Clark, F. R., Geology of the Lost Creek coal field, Morgan County: U. S. G. S. Bull. 691, p. 311-322. Pl. 40, 1:62,500.
58. 1920. Schultz, A. R., Oil possibilities in and around Baxter Basin in the Rock Springs uplift, Sweetwater County, Wyo.: U. S. G. S. Bull. 702. Pl. 1, 1:250,000.
59. 1920. Clark, F. R., Farnham anticline, Carbon County: U. S. G. S. Bull. 711, p. 1-13. Pl. 1, 1:62,500.
60. 1920. Butler, B. S., Loughlin, G. F., Heikes, V. C., and others, Ore deposits of Utah: U. S. G. S. Prof. Paper 111. (a) Pl. 27, 1:25,000, J. M. Boutwell, J. D. Irving, L. H. Woolsey, and others; (b) fig. 38, 1:562,500, Eliot Blackwelder and G. F. Loughlin; (c) fig. 58, 1:375,000, B. S. Butler; (d) pl. 35, 1:7,200, Utah Copper Co.; (e) fig. 74 (uranium-vanadium bearing sandstone), 1:500,000, B. S. Butler and W. L. Whitehead; (f) fig. 46, 1:375,000, G. F. Loughlin. (Pl. 33, 1:20,000, Arthur Keith and J. M. Boutwell, is same as No. 17; pl. 40, 1:125,000, B. S. Butler, is same as No. 38-a; fig. 40, 1:187,500, G. F. Loughlin, is same as No. 55; fig. 42, 1:62,500, is same as No. 54-c; fig. 43, 1:375,000, G. F. Loughlin, is same as No. 41; fig. 47, 1:31,680, G. F. Loughlin, has area similar to No. 117; fig. 60, 1:9,000, G. F. Loughlin, is same as No. 48.)
    1953. Stringham, Bronson, Granitization and hydrothermal alteration at Bingham: Geol. Soc. America Bull., v. 64, p. 945-992. (d) Pl. 1, 1:4,800, Bronson Stringham, J. F. Sylvester, and A. O. Taylor.
    1953. Stringham, Bronson, Geology and hydrothermal alteration of the Bingham Copper Mine: Compass, v. 31, p. 39-43. (d) Pocket map, 1:4,800, Bronson Stringham, J. F. Sylvester, and A. O. Taylor.
61. 1921. Bassler, Harvey, and Reeside, J. B., Jr., Oil prospects in Washington County: U. S. G. S. Bull. 726, p. 87-107. (a) Fig. 10, 1:62,500, (b) fig. 11, 1:62,500, (c) fig. 12, 1:62,500.
    1949. Hansen, G. H., and Bell, M. M., Oil and gas possibilities of Utah: Utah Geol. and Min. Survey. (b) Fig. 25, 1:62,500, (c) fig. 26, 1:48,000. (Fig. 14, 1:48,000, has area similar to No. 126.)
62. 1921. Coffin, R. C., Radium, uranium, and vanadium deposits of southwestern Colorado: Colorado Geol. Survey Bull. 16. Pl. 1, 1:125,000, and pl. 2, 1:160,000, R. C. Coffin and P. G. Worcester.
63. 1922. Campbell, M. R., Denver & Rio Grande Western Route guidebook: U. S. G. S. Bull. 707. Sheets 7-10, 1:500,000.
64. 1922. Moore, R. C., Stratigraphy of a part of southern Utah: Am. Assoc. Petroleum Geologists Bull., v. 6, p. 199-227. Fig. 4, 1:375,000.
65. 1923. Piper, A. M., Geology and water resources of the Goose Creek Basin, Cassia County, Idaho: Idaho Bur. Mines and Geology Bull. 6. Pl. 1, 1:125,000.
66. 1924. Miser, H. D., San Juan Canyon: U. S. G. S. Water-Supply Paper 538. Pl. 15, 1:125,000, H. D. Miser and E. G. Woodruff.
    1924. Miser, H. D., Geologic structure of San Juan Canyon and adjacent country: U. S. G. S. Bull. 751, p. 115-155. Pl. 15, 1:125,000, H. D. Miser and E. G. Woodruff.
67. 1924. Sears, J. D., Relations of the Browns Park formation and the Bishop conglomerate and their role in the origin of Green and Yampa Rivers: Geol. Soc. America Bull., v. 35, p. 279-304. Fig. 1, 1:875,000.
68. 1925. Sears, J. D., and Bradley, W. H., Relations of the Wasatch and Green River formations in northwestern Colorado and southern Wyoming: U. S. G. S. Prof. Paper 132, p. 93-107. Pl. 24, 1:500,000, from maps by A. R. Schultz, M. W. Ball, and J. D. Sears.
69. 1925. Darton, N. H., Résumé of Arizona geology: Arizona Bur. Mines Bull. 119. Pl. 39, 1:500,000.
70. 1925. Beeson, J. J., Mining districts and their relation to structural geology: Am. Inst. Min. Met. Eng. Trans., v. 75, p. 757-792. Fig. 4, 1:625,000.
71. 1926. Gould, L. M., Geology of La Sal Mountains: Michigan Acad. Sci. Papers, v. 7, p. 55-106. Map 3, 1:125,000.
72. 1928. Gilbert, G. K., Studies of Basin-Range structure: U. S. G. S. Prof. Paper 153. Fig. 21, 1:312,500.
73. 1928. Clark, F. R., Economic geology of the Castlegate, Wellington, and Sunnyside quadrangles: U. S. G. S. Bull. 793. Pl. 22, 1:62,500.
74. 1928. Spieker, E. M., and Baker, A. A., Geology and coal resources of the Salina Canyon district: U. S. G. S. Bull. 796, p. 125-170. (a) Pl. 22, 1:62,500, (b) figs. 9 and 10, 1:31,680.
75. 1928. Stillman, F. B., Reconnaissance of the Wasatch front between Alpine and American Fork Canyons: Jour. Geology, v. 36, p. 44-55. (a) Fig. 1, 1:125,000, (b) fig. 4, 1:6,600.
76. 1929. Gilluly, James, Geology and oil and gas prospects of part of the San Rafael Swell: U. S. G. S. Bull. 806, p. 69-130. Pl. 30, 1:126,720, James Gilluly and E. M. Spieker.
77. 1929. Reagan, A. B., Geology of the Deep Creek Reservation and its environs: Kansas Acad. Sci. Trans., v. 32, p. 105-116. Map p. 105, 1:187,500.
78. 1931. Spieker, E. M., Wasatch Plateau coal field: U. S. G. S. Bull. 819. Pls. 31-33, 1:62,500.
79. 1931. Spieker, E. M., Bituminous sandstone near Vernal: U. S. G. S. Bull. 822, p. 77-100. Fig. 3, 1:250,000.
80. 1931. Gregory, H. E., and Moore, R. C., Kaiparowits region: U. S. G. S. Prof. Paper 164. (a) Pl. 2, 1:250,000, and fig. 8, 1:250,000, (b) pl. 24, 1:42,240.
81. 1931. Bradley, W. H., Origin and microfossils of the oil shale of the Green River formation of Colorado and Utah: U. S. G. S. Prof. Paper 168. Pl. 1, 1:750,000.
    1915. Woodruff, E. G., and Day, D. T., Oil shale of northwestern Colorado and northeastern Utah: U. S. G. S. Bull. 581, p. 1-21. Pl. 1, 1:750,000, E. G. Woodruff.
    1929. Bradley, W. H., Algae reefs and oolites of the Green River formation: U. S. G. S. Prof. Paper 154, p. 203-223. Pl. 31, 1:2,500,000.
82. 1931. Peterson, O. A., and Kay, J. L., Upper Uinta formation of northeastern Utah: Carnegie Mus. Annals, v. 20, art. 13, p. 293-306. Pl. 9, 1:750,000.
83. 1932. Gilluly, James, Geology and ore deposits of the Stockton and Fairfield quadrangles: U. S. G. S. Prof. Paper 173. (a) Pl. 12, 1:62,500, and fig. 12, 1:48,000, (b) pl. 13, 1:31,680 (also mine maps), (c) fig. 21, 1:1,800, (d) pl. 30, 1:1,200, (e) pl. 31, 1:2,400, (f) fig. 22, 1:2,400, (g) pl. 28, 1:3,600.
84. 1932. Blackwelder, Eliot, An ancient glacial formation in Utah: Jour. Geology, v. 40, p. 289-304. Fig. 2, 1:62,500.
85. 1933. Baker, A. A., Geology and oil possibilities of the Moab district: U. S. G. S. Bull. 841. Pl. 1, 1:62,500.
86. 1933. Eardley, A. J., Strong relief before block faulting in the vicinity of the Wasatch Mountains: Jour. Geology, v. 41, p. 243-267. Fig. 1 (alluvium and bedrock), 1:1,625,000.
87. 1933. Boutwell, J. M., Salt Lake region: 16th Internat. Geol. Cong. Guidebook 17. (a) Pl. 5, 1:48,000, R. N. Hunt, Arthur Keith, and J. M. Boutwell; (b) pl. 12 and fig. 15, 1:62,500, and fig. 18, 1:78,125, Paul Billingsley; (c) figs. 19 and 21, 1:24,000, Paul Billingsley; (d) pl. 18, 1:187,500, G. B. Richardson and R. W. Bailey, modified by G. R. Mansfield; (e) pl. 19, 1:250,000, R. W. Bailey, modified by G. R. Mansfield.
88. 1933. Gregory, H. E., Colorado Plateau region: 16th Internat. Geol. Cong. Guidebook 18. Pl. 1, 1:1,375,000, based on surveys by Dutton, Gilbert, Darton, and Gregory.
89. 1934. Kay, J. L., Tertiary formations of the Uinta Basin: Carnegie Museum Annals, v. 23, art. 6, p. 357-372. Pl. 45, 1:500,000, partly from map by O. A. Peterson.
    1942. Twomey, A. C., Birds of the Uinta Basin: Carnegie Mus. Annals, v. 28, art. 17, p. 341-490. Pl. 48, 1:500,000, J. L. Kay.
90. 1934. Eardley, A. J., and Beutner, E. L., Geomorphology of Marysvale Canyon and vicinity: Utah Acad. Sci. Proc., v. 11, p. 149-159. Pl. 6, 1:250,000.
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