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Series G, Miscellaneous, 24

DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY  
CHARLES D. WALCOTT, DIRECTOR

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## CATALOGUE AND INDEX

OF THE

# PUBLICATIONS OF THE UNITED STATES GEOLOGICAL SURVEY

1901 to 1903

BY

PHILIP CREVELING WARMAN



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1903





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## LETTER OF TRANSMITTAL.

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DEPARTMENT OF THE INTERIOR,  
UNITED STATES GEOLOGICAL SURVEY,  
*Washington, D. C., June 1, 1903.*

SIR: I have the honor to transmit herewith the manuscript for a catalogue and index of the publications of the United States Geological Survey issued between March, 1901, and June, 1903, and to request that it be published in the Bulletin series.

Very respectfully,

P. C. WARMAN,  
*Editor.*

HON. CHARLES D. WALCOTT,  
*Director of United States Geological Survey.*



## INTRODUCTION.

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This catalogue and index are supplemental to those published in 1901 as Bulletin No. 177. These begin where those end; but there will be found in this index some entries—additional and corrective—which refer to papers covered by Bulletin No. 177. The two bulletins constitute a general catalogue and index of the publications of the Geological Survey from its organization, in 1879, to the present time. It is hoped that within the next few years someone will have the time and the inclination to combine the two and bring the work down to date.

The indexing has been done in a desultory manner, as opportunity arose; and in the work the writer has had the assistance of other members of the editorial corps, viz, Messrs. Charles A. Mansuy, Laurence F. Schmeckebier, and George M. Wood.

P. C. W.

## **PUBLICATIONS CATALOGUED AND INDEXED HEREIN.**

### **ANNUAL REPORTS:**

Twenty-second, four parts.

Twenty-third.

### **MONOGRAPHS:**

Nos. XLI to XLV.

### **PROFESSIONAL PAPERS:**

Nos. 1 to 13.

### **BULLETINS:**

Nos. 177 to 214.

### **WATER-SUPPLY AND IRRIGATION PAPERS:**

Nos. 46 to 80.

### **MINERAL RESOURCES:**

For calendar year 1900.

For calendar year 1901.

### **GEOLOGIC ATLAS OF UNITED STATES:**

Folios Nos. 71 to 90.

### **TOPOGRAPHIC MAPS:**

About 180 atlas sheets and other separate maps.

### **MISCELLANEOUS PUBLICATIONS:**

Six.

# CATALOGUE AND INDEX OF PUBLICATIONS OF THE UNITED STATES GEOLOGICAL SURVEY, 1901-1903.

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By P. C. WARMAN.

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## CATALOGUE.

### ANNUAL REPORTS.

Twenty-second Annual Report of the United States Geological Survey to the Secretary of the Interior 1900-01 Charles D. Walcott Director In four parts Part I.—Director's report and a paper on asphalt and bituminous rock deposits [Part II—Ore deposits; Part III.—Coal, oil, cement; Part IV.—Hydrography F. H. Newell, chief of division] [Vignette] Washington Government Printing Office 1901 [Pts. III and IV, 1902]

8°. 4 vols. 464 pp., 58 pls.; 888 pp., 82 pls.; 763 pp., 53 pls.; 690 pp., 65 pls.

Pt. I. Director's report and a paper on asphalt and bituminous rock deposits. 452 pp., 58 pls.

Director's report, pp. 1-207, pls. i-xxiv.

Asphalt and bituminous rock deposits of the United States, by G. H. Eldridge, pp. 209-452, pls. xxv-lviii.

Index, pp. 453-464.

Pt. II. Ore deposits. 888 pp., 82 pls.

Old tungsten mine at Trumbull, Conn., by W. H. Hobbs, pp. 7-22, pls. i-v.

Preliminary report on the lead and zinc deposits of the Ozark region, by H. F. Bain, with an introduction by C. R. Van Hise, and chapters on the physiography and geology, by G. I. Adams, pp. 23-228, pls. vi-xxv.

The ore deposits of the Rico Mountains, Colorado, by F. L. Ransome, pp. 229-398, pls. xxvi-xli.

Geology and ore deposits of Elkhorn mining district, Jefferson County, Mont., by W. H. Weed, with an appendix on the microscopical petrography, by J. Barrell, pp. 399-550, pls. xlii-lxii.

The gold belt of the Blue Mountains of Oregon, by Waldemar Lindgren, pp. 551-776, pls. lxiii-lxxviii.

The ore deposits of Monte Cristo, Wash., by J. E. Spurr, pp. 777-866, pls. lxxix-lxxxii.

Index, pp. 867-888.

## Pt. III. Coal, oil, cement. 763 pp., 53 pls.

Coal fields of the United States, by C. W. Hayes, pp. 1-24, pl. i.

Atlantic coast Triassic coal field, by J. B. Woodworth, pp. 25-53, pls. ii-v.

Pennsylvania anthracite coal field, by H. H. Stoek, pp. 55-117, pls. vi-x.

Northern Appalachian coal field, by M. R. Campbell, David White, and R. M. Haseltine, pp. 119-226, pls. xi-xii.

Southern Appalachian coal field, by C. W. Hayes, pp. 227-263, pls. xiii-xv.

Eastern Interior coal field, by G. H. Ashley, pp. 265-305, pls. xvi-xix.

Northern Interior coal field, by A. C. Lane, pp. 307-331, pls. xx-xxi.

Western Interior coal field, by H. F. Bain, pp. 333-366, pls. xxii-xxiv.

Southwestern coal field, by J. A. Taff, pp. 367-413, pls. xxv-xxviii.

Rocky Mountain coal fields, by L. S. Storrs, pp. 415-471, pls. xxix-xxx.

Pacific Coast coal fields, by G. O. Smith, pp. 473-513, pls. xxxi-xxxiv.

Coal resources of Alaska, by A. H. Brooks, pp. 515-571, pl. xxxv.

The Gaines oil field of northern Pennsylvania, by M. L. Fuller, pp. 573-627, pls. xxxvi-xliii.

Portland cement industry in Michigan, by I. C. Russell, pp. 629-685, pls. xliv-xlvi.

Chalk of southwestern Arkansas, by J. A. Taff, pp. 687-742, pls. xvii-liii.

Index, pp. 743-763.

## Pt. IV. Hydrography. 690 pp., 65 pls.

Report of progress of stream measurements for the calendar year 1900, by F. H. Newell, pp. 9-506, pls. i-xxxvi.

Hydrography of the American isthmus, by A. P. Davis, pp. 507-630, pls. xxxvii-l.

The High Plains and their utilization (concluded), by W. D. Johnson, pp. 631-669, pls. li-lxv.

Index, pp. 671-690.

Twenty-third Annual Report of the Director of the United States Geological Survey to the Secretary of the Interior 1901-02 [Vignette] Washington Government Printing Office 1902

217 pp., 26 pls. An administrative report only.

A law of Congress approved May 16, 1902, requires the annual report of the Director to be confined to one volume. Such papers as have heretofore appeared in the Annual Report series are now published in the series of Professional Papers, Bulletins, and Water-Supply and Irrigation Papers.



## MONOGRAPHS.

Department of the Interior Monographs of the United States  
Geological Survey Volume XLI [-XLV] [Seal of the Department]  
Washington Government Printing Office 1902 [-1903]

4°. 5 vols. Bound in dark-maroon cloth.

- XLI. Glacial formations and drainage features of the Erie and Ohio basins, by Frank Leverett. 1902. 802 pp., 26 pls. Price, \$1.75.
- XLII. Carboniferous ammonoids of America, by J. P. Smith. 1903. 211 pp., 29 pls. Price, 85 cents.
- XLIII. The Mesabi iron-bearing district of Minnesota, by C. K. Leith. 1903. 316 pp., 33 pls. Price, \$1.50.
- XLIV. Pseudoceratites of the Cretaceous, by Alpheus Hyatt, edited by T. W. Stanton. 1903. 351 pp., 47 pls. Price, \$1.
- XLV. The Vermilion iron-bearing district of Minnesota, with atlas, by J. M. Clements. 1903. 463 pp., 13 pls. Price, —.

## PROFESSIONAL PAPERS.

Professional Paper No. 1 [-13] Series A, Economic geology, 16 B, Descriptive geology, 20 Department of the Interior United States Geological Survey Charles D. Walcott, Director Preliminary report on the Ketchikan mining district, Alaska with an introductory sketch of the geology of southeastern Alaska by Alfred Hulse Brooks [Survey design] Washington Government Printing Office 1902 [-1903]

4°. 13 brochures, "granite" covers.

1. Preliminary report on the Ketchikan mining district, Alaska, with an introductory sketch of the geology of southeastern Alaska, by A. H. Brooks. 1902. 120 pp., 2 pls.
2. Reconnaissance of the northwestern portion of Seward Peninsula, Alaska, by A. J. Collier. 1902. 70 pp., 11 pls.
3. Geology and petrography of Crater Lake National Park, by J. S. Diller and H. B. Patton. 1902. 167 pp., 19 pls.
4. The forests of Oregon, by Henry Gannett. 1902. 36 pp., 7 pls.
5. The forests of Washington, a revision of estimates, by Henry Gannett. 1902. 38 pp., 1 pl.
6. Forest conditions in the Cascade Range, Washington, between the Washington and Mount Rainier forest reserves, by F. G. Plummer. 1902. 42 pp., 11 pls.
7. Forest conditions in the Olympic Forest Reserve, Washington, from notes by Arthur Dodwell and T. F. Rixon. 1902. 110 pp., 20 pls.
8. Forest conditions in the northern Sierra Nevada, California, by J. B. Leiberg. 1902. 194 pp., 12 pls.
9. Forest conditions in the Cascade Range Forest Reserve, by A. D. Langille, F. G. Plummer, Arthur Dodwell, T. F. Rixon, and J. B. Leiberg, with an introduction by Henry Gannett. 1903. 298 pp., 41 pls.
10. Reconnaissance from Fort Hamlin to Kotzebue Sound, Alaska, by way of Dall, Kanuti, Allen, and Kowak rivers, by W. C. Mendenhall. 1902. 68 pp., 10 pls.
11. Clays of the United States east of the Mississippi River, by Heinrich Ries. 1903. 298 pp., 9 pls.
12. Geology of the Globe copper district, Arizona, by F. L. Ransome. 1903. 168 pp., 27 pls.
13. Drainage modifications in southeastern Ohio and adjacent parts of West Virginia and Kentucky, by W. G. Tight. 1903. 111 pp., 17 pls.

## BULLETINS.

Department of the Interior    Bulletin of the United States Geological Survey No. 177[-214] [Seal of the Department]    Washington Government Printing Office    1901[-1903]

8°. 38 pamphlets, "granite" covers.

177. Catalogue and index of the publications of the United States Geological Survey, 1880-1901, by P. C. Warman. 1901. 858 pp. (Out of stock.)
178. The El Paso tin deposits, by W. H. Weed. 1901. 15 pp., 1 pl.
179. Bibliography and catalogue of the fossil Vertebrata of North America, by O. P. Hay. 1902. 868 pp.
180. The occurrence and distribution of corundum in the United States, by J. H. Pratt. 1901. 98 pp., 14 pls.
181. Results of primary triangulation and primary traverse, fiscal year 1900-1901, by H. M. Wilson, J. H. Renshaw, E. M. Douglas, and R. U. Goode. 1901. 240 pp., 1 map.
182. A report on the economic geology of the Silverton quadrangle, Colorado, by F. L. Ransome. 1901. 265 pp., 16 pls. (Out of stock.)
183. A gazetteer of Porto Rico, by Henry Gannett. 1901. 51 pp.
184. Oil and gas fields of the Western Interior and northern Texas coal measures and of the Upper Cretaceous and Tertiary of the western Gulf Coast, by George I. Adams. 1901. 64 pp., 10 pls. (Out of stock.)
185. Results of spirit leveling, fiscal year 1900-1901, by H. M. Wilson, J. H. Renshaw, E. M. Douglas, and R. U. Goode. 1901. 219 pp.
186. On pyrite and marcasite, by H. N. Stokes. 1901. 50 pp.
187. Geographic dictionary of Alaska, by Marcus Baker. 1901. 446 pp.
188. Bibliography of North American geology, paleontology, petrology, and mineralogy for the years 1892-1900, inclusive, by F. B. Weeks, 1902. 717 pp.
189. Index to North American geology, paleontology, petrology, and mineralogy for the years 1892-1900, inclusive, by F. B. Weeks. 1902. 337 pp.
190. A gazetteer of Texas, by Henry Gannett. 1902. 162 pp., 8 pls.
191. North American geologic formation names: Bibliography, synonymy, and distribution, by F. B. Weeks. 1902. 448 pp.
192. A gazetteer of Cuba, by Henry Gannett. 1902. 113 pp., 8 pls.
193. The geological relations and distribution of platinum and associated metals, by J. F. Kemp. 1902. 95 pp., 6 pls. (Out of stock.)
194. Northwest boundary of Texas, by Marcus Baker. 1902. 51 pp., 1 pl.
195. Structural details in the Green Mountain region and in eastern New York (second paper), by T. N. Dale. 1902. 22 pp., 4 pls.
196. Topographic development of the Klamath Mountains, by J. S. Diller. 1902. 69 pp., 13 pls.
197. The origin of certain place names in the United States, by Henry Gannett. 1902. 280 pp. (Out of stock.)
198. The Berea grit oil sand in the Cadiz quadrangle, Ohio, by W. T. Griswold. 1902. 43 pp., 1 pl.

199. Geology and water resources of the Snake River Plains of Idaho, by I. C. Russell. 1902. 192 pp., 25 pls.
200. Reconnaissance of the borax deposits of Death Valley and Mohave Desert, by M. R. Campbell. 1902. 23 pp., 1 pl.
201. Results of primary triangulation and primary traverse, fiscal year 1901-2, by H. M. Wilson, J. H. Renshaw, E. M. Douglas, and R. U. Goode. 1902. 164 pp., 1 pl.
202. Tests for gold and silver in shales from western Kansas, by Waldemar Lindgren. 1902. 21 pp.
203. Bibliography and index of North American geology, paleontology, petrology, and mineralogy for the year 1901, by F. B. Weeks. 1902. 144 pp.
204. Fossil flora of the John Day Basin, Oregon, by F. H. Knowlton. 1902. 153 pp., 17 pls.
205. Mollusca of the Buda limestone, by G. B. Shattuck, with an appendix on the corals of the Buda limestone, by T. W. Vaughan. 1903. 94 pp., 27 pls.
206. A study of the fauna of the Hamilton formation of the Cayuga Lake section in central New York, by H. F. Cleland. 1903. 112 pp., 5 pls.
207. The action of ammonium chloride upon silicates, by F. W. Clarke and George Steiger. 1902. 57 pp.
208. Descriptive geology of Nevada south of the fortieth parallel and adjacent portions of California, by J. E. Spurr. 1903. 229 pp., 8 pls.
209. The geology of Ascutney Mountain, Vermont, by R. A. Daly. 1903. 122 pp., 7 pls.
210. The correlation of geological faunas: a contribution to Devonian paleontology, by H. S. Williams. 1903. 147 pp., 1 pl.
211. Stratigraphy and paleontology of the Upper Carboniferous rocks of the Kansas section, by G. I. Adams, G. H. Girty, and David White. 1903. 123 pp., 4 pls.
212. Oil fields of the Texas-Louisiana Gulf Coastal Plain, by C. W. Hayes and William Kennedy. 1903. 174 pp., 11 pls.
213. Contributions to economic geology, 1902; S. F. Emmons and C. W. Hayes, geologists in charge. 1903. 449 pp.
214. Geographic tables and formulas, compiled by Samuel S. Gannett. 1903. 284 pp.

## WATER-SUPPLY AND IRRIGATION PAPERS.

Department of the Interior Water-Supply and Irrigation Papers of the United States Geological Survey No. 46 [-80] [Seal of the Department] Washington Government Printing Office 1901 [-1903]

8°. 35 pamphlets, "terra-cotta" covers.

46. Physical characteristics of Kern River, California, by F. H. Olmsted; and Reconnaissance of Yuba River, California, by Marsden Manson. 1901. 57 pp., 8 pls.
47. Operations at river stations, 1900, Part I. 1901. 100 pp.
48. Operations at river stations, 1900, Part II. 1901. 101-196 pp.
49. Operations at river stations, 1900, Part III. 1901. 197-292 pp.
50. Operations at river stations, 1900, Part IV. 1901. 293-388 pp.
51. Operations at river stations, 1900, Part V. 1901. 389-488 pp.
52. Operations at river stations, 1900, Part VI. 1901. 489-575 pp.
53. Geology and water resources of Nez Perce County, Idaho, Part I, by I. C. Russell. 1901. 86 pp., 10 pls.
54. Geology and water resources of Nez Perce County, Idaho, Part II, by I. C. Russell. 1901. 87-141 pp.
55. Geology and water resources of a portion of Yakima County, Wash., by G. O. Smith. 1901. 68 pp., 7 pls.
56. Methods of stream measurement. 1901. 51 pp., 12 pls.
57. Preliminary list of deep borings in the United States, Part I, by N. H. Darton. 1902. 60 pp. (Out of stock.)
58. Storage of water on King River, California, by J. B. Lippincott. 1902. 100 pp., 32 pls. (Out of stock.)
59. Development and application of water in southern California, Part I, by J. B. Lippincott. 1902. 95 pp., 11 pls. (Out of stock.)
60. Development and application of water in southern California, Part II, by J. B. Lippincott. 1902. 96-140 pp. (Out of stock.)
61. Preliminary list of deep borings in the United States, Part II, by N. H. Darton. 1902. 67 pp. (Out of stock.)
62. Hydrography of the Southern Appalachian Mountain region, Part I, by H. A. Pressey. 1902. 95 pp., 25 pls. (Out of stock.)
63. Hydrography of the Southern Appalachian Mountain region, Part II, by H. A. Pressey. 1902. 96-190 pp., pls. 26-44. (Out of stock.)
64. Accuracy of stream measurements, by E. C. Murphy. 1902. 99 pp., 4 pls. (Out of stock.)
65. Operations at river stations, 1901, Part I. (East of Mississippi River.) 1902. 334 pp.
66. Operations at river stations, 1901, Part II. (West of Mississippi River.) 1902. 188 pp.
67. The motions of underground waters, by C. S. Slichter. 1902. 106 pp., 8 pls.

68. Water storage in the Truckee Basin, California-Nevada, by L. H. Taylor. 1902. 90 pp., 8 pls.
69. Water powers of the State of Maine, by H. A. Pressey. 1902. 124 pp., 14 pls.
70. Geology and water resources of the Patrick and Goshen Hole quadrangles, Wyoming, by G. I. Adams. 1902. 50 pp., 11 pls.
71. Irrigation systems of Texas, by T. U. Taylor. 1902. 137 pp., 9 pls.
72. Sewage pollution in the metropolitan area near New York City and its effect on inland water resources, by M. O. Leighton. 1902. 75 pp., 8 pls.
73. Water storage on Salt River, Arizona, by A. P. Davis. 1902. 54 pp., 25 pls.
74. Water resources of the State of Colorado, by A. L. Fellows. 1902. 151 pp., 14 pls.
75. Report of progress of stream measurements for calendar year 1901, by F. H. Newell. 1903. 246 pp., 13 pls.
76. Observations on the flow of rivers in the vicinity of New York City, by H. A. Pressey. 1903. 108 pp., 13 pls.
77. Water resources of Molakai, Hawaiian Islands, by Waldemar Lindgren. 1903. 62 pp., 4 pls.
78. Preliminary report on artesian basins in southwestern Idaho and south-eastern Oregon, by I. C. Russell. 1903. 53 pp., 2 pls.
79. Normal and polluted waters in northeastern United States, by M. O. Leighton. 1903. 192 pp.
80. Relation of rainfall to run-off, by G. W. Rafter. 1903. 104 pp.

## MINERAL RESOURCES.

Department of the Interior United States Geological Survey  
Charles D. Walcott, Director Mineral resources of the United States  
Calendar year 1900 David T. Day chief of division of mining and  
mineral resources [Survey design] Washington Government Print-  
ing Office 1901

8°. 927 pp. Bound in black cloth. By act of Congress approved March 3, 1901, the report on mineral resources was again made an independent publication.

Introduction, pp. 11-12.

Summary of the mineral production of the United States in 1900, pp. 13-38.

Iron ores, by John Birkinbine, pp. 39-67.

Iron and steel at the close of the nineteenth century, by James M. Swank, general manager of the American Iron and Steel Association, pp. 69-104.

Gold and silver, by George E. Roberts, Director of the Mint, pp. 105-113.

Manganese ores, by John Birkinbine, pp. 115-140.

Copper, by Charles Kirchhoff, pp. 141-190.

Lead, by Charles Kirchhoff, pp. 191-211.

Zinc, by Charles Kirchhoff, pp. 213-227.

Aluminum and bauxite, by Joseph Hyde Pratt, pp. 229-231.

Platinum, pp. 233-234.

Quicksilver, pp. 235-238.

Lithium, pp. 239-243.

Nickel and cobalt, pp. 245-249.

Antimony, by Joseph Hyde Pratt, pp. 251-255.

Tungsten, molybdenum, uranium, and vanadium, by Joseph Hyde Pratt, pp. 257-265.

An occurrence of stream tin in the York region, Alaska, by Alfred H. Brooks, pp. 267-271.

Coal, by Edward W. Parker, pp. 273-457.

Coke, by Edward W. Parker, pp. 459-536.

Petroleum, by F. H. Oliphant, pp. 537-627.

Natural gas, by F. H. Oliphant, pp. 629-651.

Asphaltum and bituminous rock, by Edward W. Parker, pp. 653-660.

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Clay products, by Jefferson Middleton, pp. 693-736.

Portland cement, by Spencer B. Newberry, pp. 737-744.

American rock cement, by Uriah Cummings, pp. 745-746.

Slag cement in Alabama, by Edwin C. Eckel, pp. 747-748.

Precious stones, by George F. Kunz, pp. 749-778.

Talc and soapstone, by Joseph Hyde Pratt, pp. 779-786.

Abrasive materials, by Joseph Hyde Pratt, pp. 787-801.

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Sulphur and pyrite, by Edward W. Parker, pp. 815-826.

Gypsum, by Edward W. Parker, pp. 827-833.



Salt, by Edward W. Parker, pp. 835-847.

Mica, pp. 849-856.

Fluorspar, by Edward W. Parker, pp. 857-859.

Asbestos, by Joseph Hyde Pratt, pp. 861-868.

Lithographic stone, by S. J. Kubel, pp. 869-873.

Graphite, by Joseph Hyde Pratt, pp. 875-877.

Mineral paints, by Edward W. Parker, pp. 879-890.

Barytes, by Edward W. Parker, pp. 891-892.

Fuller's earth, pp. 893-894.

Flint and feldspar, p. 895.

Chromite, or chromitic iron ore, by Joseph Hyde Pratt, pp. 897-898.

Mineral waters, by A. C. Peale, pp. 899-905.

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Department of the Interior United States Geological Survey  
Charles D. Walcott, Director Mineral resources of the United States  
Calendar year 1901 David T. Day chief of division of mining and  
mineral resources [Survey design] Washington Government Print-  
ing Office 1902

8°. 996 pp. Bound in black cloth.

Introduction, pp. 13-14.

Summary of the mineral production of the United States in 1901, pp. 15-41.

Iron ores, by John Birkinbine, pp. 43-72.

Statistics of the American iron trade for 1901, by James M. Swank, general  
manager of the American Iron and Steel Association, pp. 73-115.

Gold and silver, by George E. Roberts, Director of the Mint, pp. 117-126.

Manganese ores, by John Birkinbine, pp. 127-155.

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Coal, by Edward W. Parker, pp. 279-449.

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Abrasive materials, by Joseph Hyde Pratt, pp. 781-809.

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- Sulphur and pyrite, by Joseph Struthers, pp. 829-842.
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- Mica, by Joseph Hyde Pratt, pp. 873-878.
- Fluorspar and cryolite, by Joseph Hyde Pratt, pp. 879-885.
- Asbestos, by Joseph Hyde Pratt, pp. 887-895.
- Graphite, by Joseph Struthers, pp. 897-900.
- Mineral paints, by Joseph Struthers, pp. 901-914.
- Barytes, by Joseph Hyde Pratt, pp. 915-919.
- Fuller's earth, pp. 921-934.
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- Chromite or chromitic iron ore, by Joseph Hyde Pratt, pp. 941-948.
- Monazite, by Joseph Hyde Pratt, pp. 949-954.
- Strontium ores, by Joseph Hyde Pratt, pp. 955-958.
- Magnesite, by Joseph Struthers, pp. 958-960.
- Mineral waters, pp. 961-966.
- Ores of economic importance, by Edmund O. Hovey, pp. 967-973.
- Index, pp. 975-996.

# GEOLOGIC ATLAS OF UNITED STATES.

Department of the Interior United States Geological Survey  
 Charles D. Walcott, Director Geologic Atlas of the United States  
 Spanish Peaks folio Colorado [-Cranberry Tennessee] Index map  
 [Map] List of sheets description topography historical geology  
 igneous geology economic geology structure sections artesian  
 water columnar sections special illustrations Folio 71 [-90]  
 Library edition [or Field edition] Spanish Peaks [-Cranberry]  
 Washington, D. C. Engraved and printed by the U. S. Geological  
 Survey George W. Stose, editor of geologic maps S. J. Kübel,  
 chief engraver 1901 [-1903]

Folio. 20 numbers (71-90).

*Folios of Geologic Atlas of United States, 1901-1903.*

No.	Name of folio.	State.	Limiting meridians.	Limiting parallels.	Area.		Price.
					<i>Sq. m.</i>	<i>Cents.</i>	
71	Spanish Peaks.....	Colorado.....	104° 30'-105°	37°-37° 30'	950	25	
72	Charleston.....	West Virginia.....	81° 30'-82°	38°-38° 30'	938	25	
73	Coos Bay.....	Oregon.....	124°-124° 30'	43°-43° 30'	871	25	
74	Coalgate.....	Indian Territory.....	96°-96° 30'	34° 30'-35°	980	25	
75	Maynardville.....	Tennessee.....	83° 30'-84°	36°-36° 30'	963	25	
76	Austin.....	Texas.....	97° 30'-98°	30°-30° 30'	1,030	25	
77	Raleigh.....	West Virginia.....	81°-81° 30'	37° 30'-38°	944	25	
78	Rome.....	{Georgia..... Alabama.....}	85°-85° 30'	34°-34° 30'	986	25	
79	Atoka.....	Indian Territory.....	96°-96° 30'	34°-34° 30'	986	25	
80	Norfolk.....	{Virginia..... North Carolina.....}	75° 30'-76° 30'	36° 30'-37°	1,913	25	
81	Chicago:						
	Riverside.....	{Illinois..... Indiana.....}	87° 30'-88°	41° 30'-42°	892	50	
	Chicago.....						
	Desplaines.....						
	Calumet.....						
82	Masontown-Uniontown.....	Pennsylvania.....	78° 30'-80°	39° 45'-40°	458	25	
83	New York City:						
	Paterson.....	{New York..... New Jersey.....}	73° 45'-74° 15'	40° 30'-41°	906	50	
	Harlem.....						
	Staten Island.....						
	Brooklyn.....						
84	Ditney.....	Indiana.....	87°-87° 30'	38°-38° 30'	938	25	
85	Oelrichs.....	{South Dakota..... Nebraska.....}	103°-103° 30'	43°-43° 30'	871	25	
86	Ellensburg.....	Washington.....	120° 30'-121°	46° 30'-47°	820	25	
87	Camp Clarke.....	Nebraska.....	103°-103° 30'	41° 30'-42°	892	25	
88	Scotts Bluff.....	Nebraska.....	103° 30'-104°	41° 30'-42°	892	25	
89	Port Orford.....	Oregon.....	124°-124° 30'	42° 30'-43°	878	25	
90	Cranberry.....	Tennessee.....	81° 30'-82°	36°-36° 30'	963	25	

# TOPOGRAPHIC MAPS.

## ATLAS SHEETS.

*Atlas sheets, 1901-1903, arranged by States.*

### ALABAMA.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
	° /	° /		<i>Fcet.</i>		<i>Cents.</i>
Wedowee (Ga.-Ala.) .....	33 00	85 00	¼ degree ....	50	1 : 125000	5
Wetumka.....	32 30	86 00	.....do .....	50	1 : 125000	5

### ARIZONA.

Bisbee.....	31 15	109 45	⅙ degree ...	50	1 : 62500	5
Bradshaw Mountains .....	34 00	112 00	¼ degree ....	100	1 : 125000	5
Clifton .....	33 00	109 15	⅙ degree ....	100	1 : 62500	5
Florence .....	33 00	111 00	¼ degree ....	100	1 : 125000	5
Globe.....	33 15	110 45	⅙ degree ...	50	1 : 62500	5

### ARKANSAS.

Camden .....	33 30	92 30	½ degree ....	50	1 : 125000	5
Eureka Springs (Ark.-Mo.) .....	36 00	93 30	.....do .....	50	1 : 125000	5
Gurdon.....	33 30	93 00	.....do .....	50	1 : 125000	5
Winslow (Ark.-Ind. T.).....	35 30	94 00	.....do .....	50	1 : 125000	5

### CALIFORNIA.

Calabasas.....	34 00	118 30	⅙ degree ...	50	1 : 62500	5
Camulos.....	34 00	118 30	¼ degree ....	100	1 : 125000	5
Capistrano .....	33 00	117 30	.....do .....	100	1 : 125000	5
Corona .....	33 30	117 30	.....do .....	100	1 : 125000	5
Deep Creek.....	34 15	117 00	⅙ degree ...	50	1 : 62500	5
Fairoaks .....	38 30	121 15	.....do .....	10	1 : 62500	5
Hesperia .....	34 15	117 15	.....do .....	50	1 : 62500	5
Mount Lyell.....	37 30	119 00	¼ degree ....	100	1 : 125000	5
Napa .....	38 00	122 00	.....do .....	100	1 : 125000	5
Randsburg .....	35 15	117 30	⅙ degree ...	50	1 : 62500	5
Redding .....	40 30	122 00	¼ degree ....	100	1 : 125000	5
Redlands.....	34 00	117 00	⅙ degree ...	50	1 : 62500	5
Rock Creek .....	34 15	117 45	.....do .....	50	1 : 62500	5
San Antonio.....	34 15	117 30	.....do .....	50	1 : 62500	5
San Geronio.....	34 00	116 30	¼ degree ....	100	1 : 125000	5
San Luis Rey.....	33 00	117 00	.....do .....	100	1 : 125000	5
Santa Cruz .....	37 00	122 00	.....do .....	100	1 : 125000	5
Santa Susana .....	34 15	118 30	⅙ degree ...	50	1 : 62500	5
Tejon.....	34 30	118 30	¼ degree ....	100	1 : 125000	5

*Atlas sheets, 1901-1903, arranged by States—Continued.*

## COLORADO.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
Greeley .....	40 00	104 30	$\frac{1}{4}$ degree ....	<i>Fect.</i> 20	1 : 125000	<i>Cents.</i> 5
Needle Mountains .....	37 30	107 30	$\frac{1}{16}$ degree ...	100	1 : 62500	5

## CONNECTICUT.

Millbrook (N. Y.-Conn.) .....	41 45	73 30	$\frac{1}{16}$ degree ...	20	1 : 62500	5
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## DELAWARE.

Ocean City (Md.-Del.) .....	38 15	75 00	$\frac{1}{16}$ degree ...	10	1 : 62500	5
Pittsville (Md.-Del.) .....	38 15	75 15	.....do .....	10	1 : 62500	5
Salisbury (Md.-Del.) .....	38 15	75 30	.....do .....	10	1 : 62500	5

## GEORGIA.

Wedowee (Ga.-Ala.) .....	33 00	85 00	$\frac{1}{4}$ degree ....	50	1 : 125000	5
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## IDAHO.

Hamilton (Idaho-Mont.) .....	46 00	114 00	$\frac{1}{4}$ degree ....	100	1 : 125000	5
Rathdrum .....	47 30	116 30	.....do .....	100	1 : 125000	5
Sandpoint .....	48 00	116 30	.....do .....	100	1 : 125000	5
Spokane (Idaho-Wash.) .....	47 30	117 00	.....do .....	100	1 : 125000	5

## ILLINOIS.

Kahoka (Mo.-Iowa-Ill.) .....	40 00	91 30	$\frac{1}{4}$ degree ....	20	1 : 125000	5
Mineral Point (Wis.-Ill.) .....	42 30	90 09	.....do .....	20	1 : 125000	5
O'Fallon (Mo.-Ill.) .....	38 30	90 30	.....do .....	50	1 : 125000	5
Rock Island (Iowa-Ill.) .....	41 30	90 30	.....do .....	20	1 : 125000	5

## INDIAN TERRITORY.

Addington .....	34 00	97 30	$\frac{1}{4}$ degree ....	50	1 : 125000	5
Alikchi .....	34 00	95 00	.....do .....	50	1 : 125000	5
Antlers .....	34 00	95 30	.....do .....	50	1 : 125000	5
Ardmore .....	34 00	97 00	.....do .....	50	1 : 125000	5
Denison (Ind. T.-Tex) .....	33 30	96 30	.....do .....	50	1 : 125000	5
Gainesville (Ind. T.-Tex) .....	33 30	97 00	.....do .....	50	1 : 125000	5
Lukfata .....	34 00	94 30	.....do .....	50	1 : 125000	5
Nowata .....	36 30	95 30	.....do .....	50	1 : 125000	5
Nuyaka .....	35 30	96 00	.....do .....	50	1 : 125000	5
Pauls Valley .....	34 30	97 00	.....do .....	50	1 : 125000	5
Rush Springs .....	34 30	97 30	.....do .....	50	1 : 125000	5
Winslow (Ark.-Ind. T.) .....	35 30	94 00	.....do .....	50	1 : 125000	5

*Atlas sheets, 1901-1093, arranged by States—Continued.*

# INDIANA.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
	° ' "	° ' "		<i>Feet.</i>		<i>Cents.</i>
Boonville .....	38 00	87 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Degonia Springs.....	38 00	87 00	.....do .....	20	1 : 62500	5
Ditney.....	38 00	87 00	$\frac{1}{4}$ degree ...	20	1 : 125000	5
Haubstadt.....	38 00	87 30	$\frac{1}{16}$ degree ...	20	1 : 62500	5
New Harmony .....	38 00	87 45	.....do .....	10	1 : 62500	5
Owensboro (Ind.-Ky.) .....	37 45	87 00	.....do .....	20	1 : 62500	5
Petersburg .....	38 15	87 15	.....do .....	20	1 : 62500	5
Princeton .....	38 15	87 30	.....do .....	20	1 : 62500	5
St. Meinrad.....	33 00	86 45	.....do .....	20	1 : 62500	5
Tell City (Ky.-Ind.) .....	37 45	86 45	.....do .....	20	1 : 62500	5
Velpen .....	38 15	87 00	.....do .....	20	1 : 62500	5

# IOWA.

Elk Point (S. Dak.-Nebr.-Iowa) ...	42 30	96 30	$\frac{1}{4}$ degree ...	20	1 : 125000	5
Elkader (Iowa-Wis.) .....	42 30	91 00	.....do .....	20	1 : 125000	5
Kahoka (Mo.-Iowa-Ill.) .....	40 00	91 30	.....do .....	20	1 : 125000	5
Oelwein .....	42 30	91 30	.....do .....	20	1 : 125000	5
Rock Island (Ill.-Iowa) .....	41 30	90 30	.....do .....	20	1 : 125000	5
Stanwood .....	41 30	91 00	.....do .....	20	1 : 125000	5
Winthrop.....	42 00	91 30	.....do .....	20	1 : 125000	5

# KENTUCKY.

Kenova (Ky.-W. Va.-Ohio) .....	38 00	82 30	$\frac{1}{4}$ degree ...	100	1 : 125000	5
Owensboro (Ind.-Ky.) .....	37 45	87 00	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Tell City (Ky.-Ind.).....	37 45	86 45	.....do .....	20	1 : 62500	5

# MAINE.

Bangor .....	45 45	68 45	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Castine .....	44 15	68 45	.....do .....	20	1 : 62500	5
Orono .....	44 45	68 30	.....do .....	20	1 : 62500	5

# MARYLAND.

Belair (Md.-Pa.) .....	39 30	76 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Bloodsworth Island .....	38 00	76 00	.....do .....		1 : 62500	5
Chestertown.....	39 00	76 00	.....do .....	20	1 : 62500	5
Crisfield (Md.-Va.).....	37 45	75 45	.....do .....		1 : 62500	5
Deal Island.....	38 00	75 45	.....do .....	10	1 : 62500	5
Green Run (Md.-Va.).....	38 00	75 00	.....do .....	10	1 : 62500	5
Hancock (Md.-W. Va.-Pa.) .....	39 30	78 00	.....do .....	20	1 : 62500	5
Nanticoke .....	38 15	75 45	.....do .....	10	1 : 62500	5
Ocean City (Md.-Del.) .....	38 15	75 00	.....do .....	10	1 : 62500	5
Parkton (Md.-Pa.) .....	39 30	76 30	.....do .....	20	1 : 62500	5
Pittsville (Md.-Del.) .....	38 15	75 15	.....do .....	10	1 : 62500	5
Princess Anne (Md.-Va.) .....	38 00	75 30	.....do .....	10	1 : 62500	5
Salisbury (Md.-Del.) .....	38 15	75 30	.....do .....	10	1 : 62500	5
Snow Hill (Md.-Va.).....	38 00	75 15	.....do .....	10	1 : 62500	5

*Atlas sheets, 1901-1903, arranged by States—Continued.*

## MINNESOTA.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
Anoka.....	45 00	93 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
White Bear.....	45 00	93 00	.....do.....	20	1 : 62500	5

## MISSOURI.

De Soto.....	38 00	90 30	$\frac{1}{4}$ degree ...	50	1 : 125000	5
Edina .....	40 00	92 00	.....do.....	20	1 : 125000	5
Eureka Springs (Ark.-Mo.) .....	36 00	93 30	.....do.....	50	1 : 125000	5
Kahoka (Mo.-Iowa-Ill.).....	40 00	91 30	.....do.....	20	1 : 125000	5
O'Fallon (Mo.-Ill.).....	38 30	90 30	.....do.....	50	1 : 125000	5
Sullivan.....	38 00	91 00	.....do.....	50	1 : 125000	5

## MONTANA.

Aladdin (Wyo.-S. Dak.-Mont.).....	44 30	104 00	$\frac{1}{4}$ degree ...	50	1 : 125000	5
Bonner .....	46 30	113 30	.....do.....	100	1 : 125000	5
Browning .....	48 30	113 00	.....do.....	100	1 : 125000	5
Coopers Lake.....	47 00	112 30	.....do.....	100	1 : 125000	5
Hamilton (Idaho-Mont.).....	46 00	114 00	.....do.....	100	1 : 125000	5

## NEBRASKA.

Elk Point (S. Dak.-Nebr.-Iowa)....	42 30	96 30	$\frac{1}{4}$ degree ...	20	1 : 125000	5
Gothenburg .....	40 30	100 00	.....do.....	20	1 : 125000	5
North Platte.....	41 00	100 30	.....do.....	20	1 : 125000	5
Weeping Water.....	40 30	96 00	.....do.....	20	1 : 125000	5

## NEW JERSEY.

Navesink .....	40 00	74 00	$\frac{1}{4}$ degree ...	20	1 : 125000	5
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## NEW YORK.

Alexandria Bay .....	44 15	75 45	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Babylon .....	40 30	73 15	.....do.....	20	1 : 62500	5
Big Moose .....	43 45	74 45	.....do.....	20	1 : 62500	5
Broadalbin .....	43 00	74 00	.....do.....	20	1 : 62500	5
Canandaigua.....	42 45	77 15	.....do.....	20	1 : 62500	5
Clayton .....	44 00	76 00	.....do.....	20	1 : 62500	5
Clyde .....	43 00	76 45	.....do.....	20	1 : 62500	5
Cortland.....	42 30	76 00	.....do.....	20	1 : 62500	5
Geneva.....	42 45	76 45	.....do.....	20	1 : 62500	5
Genoa.....	42 30	76 30	.....do.....	20	1 : 62500	5
Grindstone.....	44 15	76 00	.....do.....	20	1 : 62500	5
Hammondsport .....	42 15	77 00	.....do.....	20	1 : 62500	5
Kinderhook.....	42 15	73 30	.....do.....	20	1 : 62500	5
Luzerne .....	43 15	73 45	.....do.....	20	1 : 62500	5
Mettawee (N. Y.-Vt.).....	43 00	73 00	$\frac{1}{4}$ degree ...	40	1 : 125000	5
Millbrook (N. Y.-Conn.) .....	41 45	73 30	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Morrisville.....	42 45	75 30	.....do.....	20	1 : 62500	5



*Atlas sheets, 1901-1903, arranged by States—Continued.*

NEW YORK—Continued.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
	° ' "	° ' "		<i>Feet.</i>		<i>Cents.</i>
Naples.....	42 30	77 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Newburg.....	41 30	74 00	.....do.....	20	1 : 62500	5
Northport.....	40 45	73 15	.....do.....	20	1 : 62500	5
Norwich.....	42 30	75 30	.....do.....	20	1 : 62500	5
Owego.....	42 00	76 15	.....do.....	20	1 : 62500	5
Penn Yan.....	42 30	77 00	.....do.....	20	1 : 62500	5
Phelps.....	42 45	77 00	.....do.....	20	1 : 62500	5
Phoenicia.....	42 00	74 15	.....do.....	20	1 : 62500	5
Pultneyville.....	43 15	77 00	.....do.....	20	1 : 62500	5
Raquette Lake.....	43 45	74 30	.....do.....	20	1 : 62500	5
Richfield Springs.....	42 45	74 45	.....do.....	20	1 : 62500	5
Saratoga.....	43 00	73 45	.....do.....	20	1 : 62500	5
Schunemunk.....	41 15	74 00	.....do.....	20	1 : 62500	5
Sodus Bay.....	43 15	76 45	.....do.....	20	1 : 62500	5
Theresa.....	44 00	75 45	.....do.....	20	1 : 62500	5
Waverly.....	42 00	76 30	.....do.....	20	1 : 62500	5
Weedsport.....	43 00	76 30	.....do.....	20	1 : 62500	5

NORTH CAROLINA.

Kenly.....	35 30	78 00	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Parmele.....	35 45	77 15	.....do.....	10	1 : 62500	5
Tarboro.....	35 45	77 30	.....do.....	10	1 : 62500	5
Williamston.....	35 45	77 00	.....do.....	10	1 : 62500	5

OHIO.

Fostoria.....	41 00	83 15	$\frac{1}{16}$ degree ...	10	1 : 62500	5
Guyandot (W. Va.—Ohio).....	38 15	82 15	.....do.....	20	1 : 62500	5
Kenova (Ky.—W. Va.—Ohio).....	38 00	82 30	$\frac{1}{4}$ degree ...	100	1 : 125000	5
Oberlin.....	41 15	82 00	$\frac{1}{16}$ degree ...	10	1 : 62500	5
Put-in-Bay.....	41 30	82 45	.....do.....	10	1 : 62500	5
Wheeling (W. Va.—Ohio—Pa.).....	40 00	80 30	.....do.....	20	1 : 62500	5

OREGON.

Baker City.....	44 30	117 30	$\frac{1}{4}$ degree ...	100	1 : 125000	5
Sumpter.....	44 30	118 00	.....do.....	100	1 : 125000	5

PENNSYLVANIA.

Belair (Md.—Pa.).....	39 30	76 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Boyetown.....	40 15	75 30	.....do.....	20	1 : 62500	5
Brownsville.....	40 00	79 45	.....do.....	20	1 : 62500	5
Chambersburg.....	39 45	77 30	.....do.....	20	1 : 62500	5
Connellsville.....	40 00	79 30	.....do.....	20	1 : 62500	5
Everett.....	40 00	78 15	.....do.....	20	1 : 62500	5
Hancock (Md.—W. Va.—Pa.).....	39 30	78 00	.....do.....	20	1 : 62500	5
Indiana.....	40 30	79 00	.....do.....	20	1 : 62500	5

*Atlas sheets, 1901-1903, arranged by States—Continued.*

## PENNSYLVANIA—Continued.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
	° /	° /		<i>Feet.</i>		<i>Cents.</i>
Kittanning.....	40 45	79 30	$\frac{1}{8}$ degree ...	20	1:62500	5
Latrobe.....	40 15	79 15	.....do.....	20	1:62500	5
Mercersburg.....	39 45	77 45	.....do.....	20	1:62500	5
Morgantown (W. Va.-Pa.).....	39 30	79 45	.....do.....	20	1:62500	5
Parkton (Md.-Pa.).....	39 30	76 30	.....do.....	20	1:62500	5
Slatington.....	40 30	75 30	.....do.....	20	1:62500	5
Tioga.....	41 45	77 00	.....do.....	20	1:62500	5
Wernersville.....	40 15	76 00	.....do.....	20	1:62500	5
Wheeling (W. Va.-Ohio-Pa.).....	40 00	80 30	.....do.....	20	1:62500	5

## SOUTH DAKOTA.

Aladdin (Wyo.-S. D.-Mont.).....	44 30	104 00	$\frac{1}{4}$ degree ...	50	1:125000	5
Edgemont.....	43 00	103 30	.....do.....	50	1:125000	5
Elk Point (S. Dak.-Nebr.-Iowa).....	42 30	96 30	.....do.....	20	1:125000	5
Newcastle (Wyo.-S. Dak.).....	43 30	104 00	.....do.....	50	1:125000	5

## TEXAS.

Cerro Alto.....	31 30	105 30	$\frac{1}{4}$ degree ...	50	1:125000	5
Denison (Ind. T.-Tex.).....	33 30	96 30	.....do.....	50	1:125000	5
Gainesville (Ind. T.-Tex.).....	33 30	97 00	.....do.....	50	1:125000	5

## UTAH.

Coalville.....	40 30	111 00	$\frac{1}{4}$ degree ...	100	1:125000	5
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## VERMONT.

Mettawee (N. Y.-Vt.).....	43 00	73 00	$\frac{1}{4}$ degree ...	40	1:125000	5
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## VIRGINIA.

Crisfield (Md.-Va.).....	37 45	75 45	$\frac{1}{16}$ degree ...	10	1:62500	5
Green Run (Md.-Va.).....	38 00	75 00	.....do.....	10	1:62500	5
Princess Anne (Md.-Va.).....	38 00	75 30	.....do.....	10	1:62500	5
Snow Hill (Md.-Va.).....	38 00	75 15	.....do.....	10	1:62500	5

## WASHINGTON.

Chelan.....	47 30	120 00	$\frac{1}{4}$ degree ...	100	1:125000	5
Ellensburg.....	46 30	120 30	.....do.....	100	1:125000	5
Snoqualmie.....	47 00	121 00	.....do.....	100	1:125000	5
Spokane (Idaho-Wash.).....	47 30	117 00	.....do.....	100	1:125000	5



*Atlas sheets, 1901-1903, arranged by States—Continued.*

# WEST VIRGINIA.

Name of atlas sheet.	Position of SE. corner of sheet.		Area covered.	Contour interval.	Scale.	Price.
	Lat.	Long.				
	°	'		<i>Feet.</i>		<i>Cents.</i>
Clarksburg .....	39 15	80 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Fairmont .....	39 15	80 00	...do .....	20	1 : 62500	5
Guyandot (W. Va.-Ohio) .....	38 15	82 15	...do .....	20	1 : 62500	5
Hancock (Md.-W. Va.-Pa.) .....	39 30	78 00	...do .....	20	1 : 62500	5
Kenova (Ky.-W. Va.-Ohio) .....	38 00	82 30	$\frac{1}{4}$ degree ...	100	1 : 125000	5
Milton .....	38 15	82 00	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Morgantown (W. Va.-Pa.) .....	39 30	79 45	...do .....	20	1 : 62500	5
Wheeling (W. Va.-Ohio-Pa.) .....	40 00	80 30	...do .....	20	1 : 62500	5

# WISCONSIN.

Briggsville .....	43 30	89 30	$\frac{1}{16}$ degree ...	20	1 : 62500	5
Denzer .....	43 15	89 45	...do .....	20	1 : 62500	5
Elkader (Iowa-Wis.) .....	42 30	91 00	$\frac{1}{4}$ degree ...	20	1 : 125000	5
Mineral Point (Wis.-Ill.) .....	42 30	90 00	...do .....	20	1 : 125000	5
Poynette .....	43 15	89 15	$\frac{1}{16}$ degree ...	20	1 : 62500	5
The Dells .....	43 30	89 45	...do .....	20	1 : 62500	5

# WYOMING.

Aladdin (Wyo.-S. D.-Mont.) .....	44 30	104 00	$\frac{1}{4}$ degree ...	50	1 : 125000	5
Fort McKinney .....	44 00	106 30	...do .....	100	1 : 125000	5
Mount Leidy .....	43 30	110 00	...do .....	100	1 : 125000	5
Newcastle (S. Dak.-Wyo.) .....	43 30	104 00	...do .....	50	1 : 125000	5

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## GENERAL, SPECIAL, AND ECONOMIC MAPS.

### ARIZONA:

Bisbee Special. Scale, 1:12000; contour interval, 20 feet. Shows location of copper mines in the Bisbee district.

Globe Special. Scale, 1:12000; contour interval, 20 feet. Shows location of mines and smelters in the Globe district.

### CALIFORNIA:

Southern California. Scale, 1:250000; contour interval, 250 feet. Covers the southern part of the State, on reduced scale. Latitude,  $33^{\circ} 30' - 34^{\circ} 30'$ ; longitude,  $116^{\circ} 30' - 118^{\circ} 30'$ .

### COLORADO-WYOMING:

Encampment Special. Scale, 1:90000; contour interval, 100 feet. Latitude,  $41^{\circ} - 41^{\circ} 15'$ ; longitude,  $106^{\circ} 45' - 107^{\circ} 15'$ .

### IDAHO-MONTANA:

Cœur d'Alene Special. Scale, 1:62500; contour interval, 50 feet. Cœur d'Alene region, chiefly in northern Idaho.

### INDIAN TERRITORY:

Map of the Territory. Scale, 1:500000; contour interval, 100 feet.

### MISSOURI-KANSAS:

Joplin district. Scale, 1:62500; contour interval, 10 feet. Covers the region around Joplin for a north-south distance of about 15 miles and an east-west distance of about 25 miles.

### MONTANA:

Marysville Special. Scale, 1:31250; contour interval, 50 feet. Covers the region around Marysville for a north-south distance of about 8 miles and an east-west distance of about 5 miles.

### NEW YORK:

Niagara River and vicinity. Scale, 1:62500; contour interval, 20 feet. Covers portions of Niagara Falls, Tonawanda, Wilson, and Buffalo quadrangles.

### TEXAS:

Terlingua Special. Scale, 1:50000; contour interval, 25 feet. Covers the region extending 12 miles eastward and 3 miles westward from Terlingua and about 5 miles in a north-south direction.

### UTAH:

Bingham mining map. Scale, 1:20000; contour interval, 50 feet. Covers part of Tooele Valley quadrangle, in the vicinity of Bingham Canyon.

Park City Special. Scale, 1:25000; contour interval, 50 feet. Covers the region extending about 4 miles southward and 3 miles eastward and westward from Park City.

### WISCONSIN:

Marathon Special. Scale, 1:125000; contour interval, 20 feet. Latitude,  $44^{\circ} 45' - 45^{\circ} 15'$ ; longitude,  $89^{\circ} 45' - 90^{\circ} 15'$ .

Wausau Special. Scale, 1:125000; contour interval, 20 feet. Latitude,  $44^{\circ} 45' - 45^{\circ} 15'$ ; longitude,  $89^{\circ} 15' - 89^{\circ} 45'$ .

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### SPECIAL REPORTS ON ALASKA.

#### CAPE NOME AND NORTON BAY REGIONS.

Department of the Interior United States Geological Survey  
Charles D. Walcott, Director Reconnaissances in the Cape Nome and  
Norton Bay regions, Alaska, in 1900 By Alfred H. Brooks, George  
B. Richardson, Arthur J. Collier and Walter C. Mendenhall Wash-  
ington Government Printing Office 1901

Royal 8°. 222 pp., 23 pls. "Granite" cover. Published by authority of con-  
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Department of the Interior United States Geological Survey  
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a portion of the Copper River district, Alaska By Frank Charles  
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ing Office 1901

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current resolution of Congress of February 13, 1901. The documentary issue is  
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and Bulletin No. 187.

#### LOGARITHM TABLES.

Department of the Interior United States Geological Survey  
Charles D. Walcott, Director Five-place logarithms of natural num-  
bers and circular functions expressed in arc and time Washington  
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Regulations of the United States Geological Survey third edition  
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*Classification of Professional Papers, Bulletins, and Water-Supply Papers.*

[PP = Professional Paper: B = Bulletin; WS = Water-Supply Paper.]

Series number.	A. Economic geology.	B. Descriptive geology.	C. Systematic geology and paleontology.	D. Petrography and mineralogy.	E. Chemistry and physics.	F. Geography.	G. Miscellaneous.	H. Forestry.	I. Irrigation.	J. Water storage.	K. Pumping water.	L. Quality of water.	M. General hydrographic investigations.	N. Water power.	O. Under-ground waters.	P. Hydrographic progress reports.
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2	B46	B33	B4	B8	B14	B6	B7	PP5	WS5	WS40	WS8	WS22	WS64	WS25	WS6	WS15
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[Abbreviations: Ann=Annual Report; Mon=Monograph; PP=Professional Paper; Bull=Bulletin; WS=Water-Supply and Irrigation Paper; GF=Geologic Folio; N and N=Cape Nome and Norton Bay pamphlet, and Copper=Copper River pamphlet, both catalogued on page 33 of this bulletin; I=part I, II=part II, etc.; p=page, pp=pages.]

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