DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

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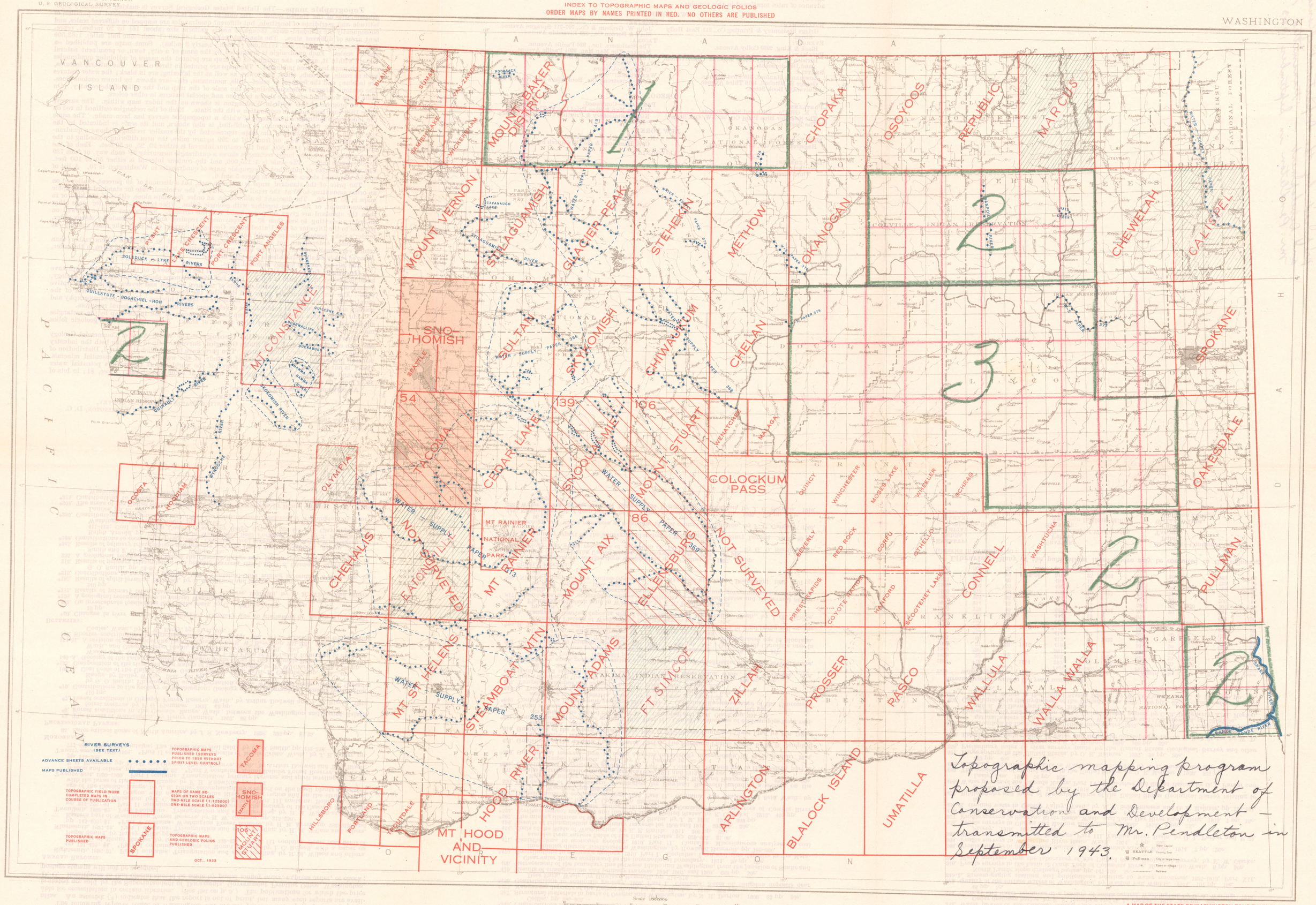

Topographic mapping program proposed by the Department of Conservation and Development — transmitted to Mr. Pendleton in September 1943.

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1933

GEOLOGIC AND OTHER REPORTS

The following reports relate to Washington but are not parts of the topographic or geologic atlas. An asterisk (*) indicates that the report is out of print, but many such reports are available in certain libraries. (See list on p. 5.) The publications for which the price is stated are sold by the Superintendent of Documents, Government Printing Office, Washington, D. C. Remittance to the official should be made by postal money order, express order, or check; postage stamps will not be accepted.

ANNUAL REPORTS:

Eighteenth, 1896–97. Part I contains: Triangulation and spirit leveling, by H. M. Wilson and others, pp. 181–422; $1. *Part II contains: Reconnaissance in the Cascade Range in Washington, by I. C. Russell, with a paper on the rocks of Mount Rainier, by G. O. Smith, pp. 549–724. *Part III contains: Some coal fields of Puget Sound, by Bailey Willis, pp. 398–486.

Nineteenth, 1897–98. Part I contains: Triangulation and spirit leveling, by H. M. Wilson and others, pp. 149–408; $1. *Part V contains: Washington Forest Reserve, by H. B. Ayres, pp. 583–812, and Eastern part of Washington Forest Reserve, by M. W. Gorman, pp. 813–930.

Twentieth, 1898–99. Part I contains: A preliminary paper on the geology of the Cascade Mountains in Washington, by I. C. Russell, pp. 1–549; $3.50. *Part III contains: Bohemia mining region of western Oregon, with notes on the Blue River mining region and on the structure and age of the Cascade Range, by J. S. Diller, accompanied by a report on the fossil plants associated with the lavas in the Cascade Range, by F. H. Knowlton, pp. 1–64.

Twenty-first, 1899–1900. Part I contains: Triangulation, topography, and spirit leveling, by H. M. Wilson and others, pp. 205–552; $1.35. *Part V contains: Mount Rainier Forest Reserve, Wash., by F. E. Plummer, pp. 81–148, and Olympic Forest Reserve, Wash., by Arthur Dodwell and T. F. Rixon, pp. 149–205.

Twenty-second, 1900–1901. *Part II contains: Ore deposits of Monte Cristo, Wash., by J. H. Spurr, pp. 777–862. *Part III contains: The Pacific coast coal fields, by G. O. Smith, pp. 473–613.

MONOGRAPH:

35. Later extinct floras of North America, by J. S. Newberry. 1898. 295 pp. $1.35.

PROFESSIONAL PAPERS:

*3. The forests of Washington, by Henry Gannett. 1902. 38 pp.

*6. Forest conditions in the Cascade Range, Wash., between the Washington and Mount Rainier forest reserves, by F. G. Plummer. 1902. 42 pp.

*7. Forest conditions in Olympic Forest Reserve, Wash., by Arthur Dodwell and T. F. Rixon. 1902. 110 pp.

*19. Contributions to the geology of Washington: Geology and physiography of central Washington, by G. O. Smith; Physiography near Mount Rainier, by Arthur Dodwell; Glacial deposits of southern Washington, by Bailey Willis. 1903. 101 pp.

100-A. Coal fields of the United States: General introduction, by M. R. Campbell, pp. 1–33. 1906.

*183. Composition of the river waters of the United States, by F. W. Clarke. 1924. 199 pp.

140-A. Geology of the Latah formation in relation to the lavas of the Columbia Plateau near Spokane, Wash., by J. T. Pardee and Kirk Bryan, pp. 1–16; Flora of the Latah formation of Spokane, by F. H. Knowlton. 1926.

154-H. A revision of the flora of the Latah formation, by F. H. Knowlton, pp. 17–81. 1926.

170. Shorter contributions to general geology, 1921. 69 pp. 35c. (c) A Miocene flora from Grand Coulee, Wash., by E. W. Berry, pp. 31–42; 10c.

BULLETINS:

*40. Changes in river courses in Washington Territory due to glaciation, by Bailey Willis. 1887. 10 pp.

*51. On unorthorhombic fossils from the Pacific coast, by C. A. White. 1889. 24 pp.

*108. A geological reconnaissance in central Washington, by I. C. Russell. 1892. 108 pp.

*181. Results of spirit leveling, 1900–1901, by H. M. Wilson and others. $1.35.

*182. Results of spirit leveling, 1902–1903, by H. M. Wilson and others. 219 pp.

*218. Contributions to economic geology, 1902. Contains: Gold mining in central Washington, by G. O. Smith, pp. 78–80.

216. Results of primary triangulation and primary traverse, 1902–3, by S. S. Gannett. 322 pp. 50c.

235. A geological reconnaissance across the Cascade Range near the forty-ninth parallel, by G. O. Smith and F. C. Calkins. 1904. 108 pp. 30c.

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*285. Contributions to economic geology, 1905. Contains: Cement resources of Washington, by Henry Landes, pp. 217–258.

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*561. Contributions to economic geology, 1912, part I. Contains: Coal resources of Cowlitz River region of western Oregon, with notes on the Blue River mining region and on the structure and age of the Cascade Range, by J. S. Diller, accompanied by a report on the fossil plants associated with the lavas in the Cascade Range, by F. H. Knowlton, pp. 1–64.

*541. Contributions to economic geology, 1912, part II. Contains: Gold placers of the coast of Washington, by Ralph Arnold, pp. 205–252; $1.35. *Part V contains: Mount Rainier Forest Reserve, Wash., by Wilson and others. 348 pp. 30c. Part I contains: Triangulation, topography, and spirit leveling, by H. M. Wesley. Part II contains: Topography and geology, by Arthur Dodwell and T. F. Rixon, pp. 145–203.

550. Ore deposits of northeastern Washington, by Howland Bancroft, including a section on the geology of the Republic mining district, by Waldemar Lindgren and Howland Bancroft. 1914. 215 pp. 20c.

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*621. Contributions to economic geology, 1912, part II. Contains: Analyses of coal samples from various parts of the United States, by M. R. Campbell and F. R. Clark; Gold placers of Washington, by Arthur Dodwell and T. F. Rixon. 1902.

*624. Useful minerals of the United States, by F. C. Schrader and others. 1916. 412 pp.

*640. Contributions to economic geology, 1916, part I. Contains: Reconnaissance of the Concomully and Ruby mining districts, Wash., by F. L. Jones, Jr., pp. 11–36.

644-Q. Triangulation and primary traverse in Washington, 1912–15. 599–606. 5c.

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*88. Nitrate deposits of the United States, by G. R. Mansfield and Leona Bowdanan. 1922. 107 pp. 40c.

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*4. A reconnaissance in southeastern Washington, by I. C. Russell. 1897. 96 pp.

*44. Profiles of rivers in the United States, by Henry Gannett. 1901. 100 pp.

*55. Geology and water resources of a portion of Yakima County, Wash., by G. O. Smith. 1901. 65 pp.

111. Preliminary report on the underground waters of Washington, by Henry Landes. 1905. 85 pp. 10c.

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*427. Bibliography and index of the publications of the United States Geological Survey relating to ground water, by O. E. Meinzer. 1918. 169 pp.

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*579. Power resources and production in the United States, papers by C. R. Dougherty, A. H. Horton, and R. W. Davenport. 1925. 210 pp.

659. Contributions to the hydrology of the United States, 1926, pp. 1–28. 40c.

Stream measurements in the years mentioned:

Year	Water-supply Paper (cents)	Year	Water-supply Paper (cents)	Year	Water-supply Paper (cents)	Year	Water-supply Paper (cents)
1897	*16	1914	392	1919–20	614	1926	624
1898	28	10	393	1921	623	25	627	30
1899	*28		394	15	588	25	628	35
1900	61	10	412	15	622	25	629	25
1901	66	10	413	15	623	25	630	25
1902	*75		414	15	624	25	631	25
1903	85	1915	415	25	625	25	632	25
1904	135	20	416	15	626	25	633	25
1905	100	20	443	15	627	25	634	25
1906	178	20	444	15	628	25	635	25
1907	214	20	445	15	629	25	636	25
1908	252	20	446	15	630	25	637	25
1909	275	45	447	15	631	25	638	25
1910	292	50	448	15	632	25	639	25
1911	312	45	454	15	633	25	640	25
1912	332	40	455	15	634	25	641	25
1913	362	55	456	15	635	25	642	25
1914	392	40	457	15	636	25	643	25
1915	412	40	458	15	637	25	644	25
1916	413	40	459	15	638	25	645	25
1917	414	40	460	15	639	25	646	25
1918	415	40	461	15	640	25	647	25
1919	416	40	462	15	641	25	648	25
1920	443	40	463	15	642	25	649	25
1921	444	40	464	15	643	25	650	25
1922	445	40