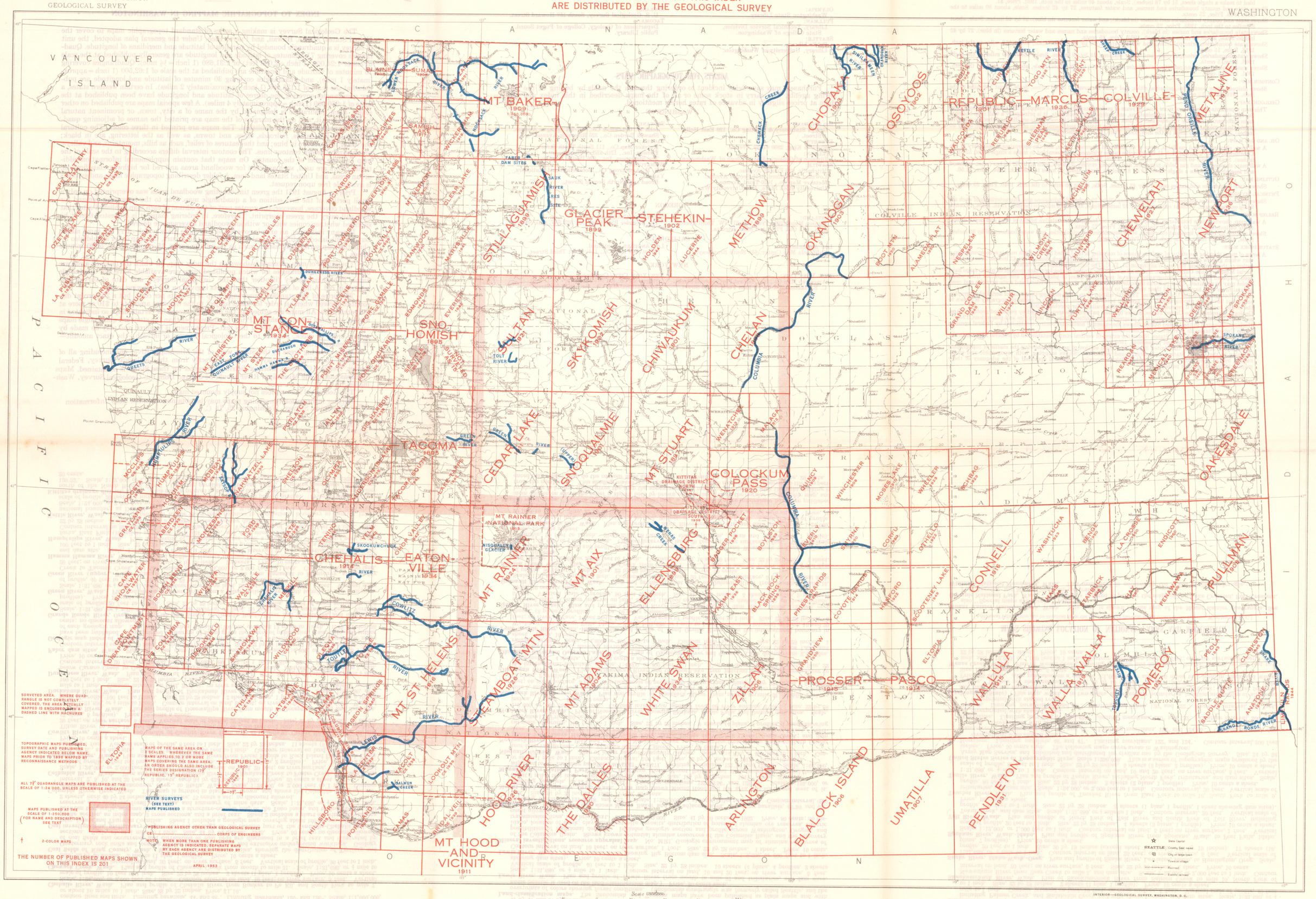
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INDEX TO MAPS OF WASHINGTON
ORDER MAPS BY NAMES PRINTED IN RED AND BY SERIES DESIGNATION
ALL MAPS SHOWN ON THIS INDEX
ARE DISTRIBUTED BY THE GEOLOGICAL SURVEY

WASHINGTON



1953

SPECIAL MAPS AND SHEETS

[Measurements are approximate]

Cascade Range sheet (North 1–10) of the International Map of the World. The area shown on this topo-graphic map is about 16 miles by 11 miles. Scale 1:62,500 (1 inch = approximately 1 mile). Contour interval, 200 feet. Price $1.10.

Chehalis River, Wash. Plan and profile of Chehalis River from Bunker to Pe Ell, and South Fork to mile 7. Scale: 1:24,000. Price, 20 cents.

Chewack River, Wash. Plan and profile of Chewack River from mouth to mile 34. Scale: 1:31,680. Price, 20 cents.

Cowlitz River, Wash. Plan and profile of Cowlitz River from mouth to mile 42. Scale: 1:24,000. Price, 20 cents.

Coal fields of King County, Wash. Map of about 640 square miles, showing the distribution of Tertiary and Quaternary rock, units and structure of coal beds, mines, and extensive underground workings. Geology of coal fields and occurrence and correlation of coal beds are discussed in the text and illustrated by sections. Scale about 1 inch = 1 mile. Size 44 by 64 inches. Price, $1.10.

Coal investigations preliminary maps. No. C8, Geology of the eastern part of the Centralia-Chehalis coal fields, Lewis and Thurston Counties. Sheet 1 includes a geologic map covering about 160 square miles; a com-pilation of coal analyses; coal checklists; and summary of mine data. Sheet 2 includes a structure-contour map of the Tono basin, and tables showing coal reserves; coal analyses; coal checklists; and summary of mine data. Sheet 3 includes a chart showing correlations between test wells; sections of coal beds; a structure-contour map of the Tono basin, and tables showing coal reserves. Scale, 1:24,000. Price, 60 cents.

Columbia River, Oreg.-Wash. This map is printed in black and brown; shows the Columbia River and sur-rounding area from Vancouver, Oreg., to Stella, Wash. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 2, 10, and 50 feet. 3 sheets, each 24 by 42½ inches. 1930. Price, 60 cents a sheet.

Columbia River, Wash. Plan and profile of Columbia River from Pasco to Foster Creek, and dam sites. Scale, 1:24,000. Contour interval, 100 feet. Size, 16½ by 20 inches. 1911. Price, 10 cents a sheet.

Columbia River, Wash. Plan and profile of Columbia River from Priest Rapids to Rock Island Dam, Crab Creek mouth to Wanapum Dam, and Wanapum Dam to Beverly. 11 sheets (9 plans, 2 profiles). Size, 16 by 20 inches. Scale of profile, 8 feet to 1 inch. Size, 22 by 28 inches. Contour interval, 20 feet. Price, 10 cents a sheet.

Columbia River, Wash. Plan and profile of Columbia River from Pasco to Umatilla Rapids, and dam sites. Scale: 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Price, 10 cents a sheet.

Cowlitz River, Wash. Plan and profile of Cowlitz River from mile 42 to mile 97, Cispus River to mile 82, and Tilton River to mile 19, and dam sites. Scale: 1:24,000. Contour interval, 20 feet, or 2,000 feet to inch. Price, 20 cents.

Deschutes River, Wash. Plan and profile of Deschutes River from mouth to mile 18. Scale: 1:31,680, or 2 inches = 1 mile. Contour interval, 20 feet. Price, 10 cents.

Duckabush River, Wash. Plan and profile of Duckabush River from mouth to mile 10 and Crab Creek mouth to mile 1. Scale: 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Price, 10 cents.

Dungeness River, Wash. Plan and profile of Dungeness River from U. S. gaging station at 4 miles below Canyon Creek to Gold Creek, and Gravelly River to mile 4. Scale: 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Price, 10 cents.

Faber dam sites, Wash. Plan of Faber dam sites No. 1 and No. 2. Scale, 1:4,800, or 400 feet to 1 inch. Contour interval, 20 feet. Price, 10 cents.

Green River, Wash. Plan and profile of Green River from mouth to mile 9, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Price, 10 cents.

Green River, Wash. Plan and profile of Green River from 4 miles above mouth to mile 9, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet, on river surface. Price, 10 cents.

Green River (upper), Wash. Plan of Green River and tributaries from Kanaskat to Humphrey, and Sunday Creek to Yoomma Creek, and dam sites. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Size, 22 by 28 inches. 2 sheets. Price, 10 cents a sheet.

Hamma Hamma River, Wash. Plan and profile of Hamma Hamma River from mouth to mile 14 and tributaries, and dam site. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Vertical scale of profile, 100 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Humptulips River, Wash. Plan and profile of Humptulips River from 4 miles above Deep Creek to the forks, East Fork (19 miles) and West Fork (24 miles). Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Kettle River, Wash. Plan and profile of Kettle River from Barstow to international boundary, and Danville to international boundary at Laurier. Inter-national boundary at Danville to international boundary at Midway. Scale: 1:24,000. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (2 profiles). Sheet showing dam sites). Price, 10 cents a sheet.

Kettle River, Wash. Plan and profile of Kettle River from Barstow to international boundary. Scale: 1:24,000. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Kettle drainage district, North. This map is printed in black and brown, and shows part of the Kettle Valley north to the Okanogan River. Scale, 1:62,500. Contour interval, 100 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Kettle drainage district, South. This map is printed in black and brown, and shows that part of the Kettle Valley south to the Okanogan River. Scale, 1:62,500. Contour interval, 100 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Lake Chelan, Wash. Plan and profile of Lake Chelan from mouth to mile 50. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Lewis River, Wash. Plan and profile of Lewis River from mouth to mile 87 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 80 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Lewis River, Wash. Plan of Lewis River and Bear Bottom dam site. Scale: 1:9,600, or 800 feet to 1 inch. Contour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Mineral investigations, resource appraisal map. No. M81, Geologic environment and of alumina resources of coal fields occurrence and correlation of coal beds are discussed in the text and illustrated by sections. Scale about 1 inch = 1 mile. Size 44 by 64 inches. 1945. Price, 80 cents; the text and illustrations are in a separate folio.

Coal investigations preliminary maps. No. C8, Geology of the eastern part of the Centralia-Chehalis coal fields. Sheet 1 includes a geologic map covering about 160 square miles; a com-pilation of coal analyses; coal checklists; and summary of mine data. Sheet 2 includes a structure-contour map of the Tono basin, and tables showing coal reserves; coal analyses; coal checklists; and summary of mine data. Sheet 3 includes a chart showing correlations between test wells; sections of coal beds; a structure-contour map of the Tono basin, and tables showing coal reserves. Scale, 1:24,000. Price, 60 cents.

Mount Baker, Wash. Plan of Lewis Mount Baker and the adjacent area. Scale: 1:250,000, or about 4 inch to 1 inch. Contour interval, 200 feet. Size, 24 by 18 inches. 1909. Price, 60 cents.

Mount Hood and vicinity, Oreg.-Wash. This map shows Mount Hood and the area just south and west of it. Scale: 1:125,000. Contour interval, 100 feet. Size, 16½ by 20 inches. 1911. Price, 60 cents.

Mount Rainier National Park, Wash. This map shows Mount Rainier and the remarkable natural features adjacent to it. Limiting parallels: 46°43′ and 47°. Limiting meridians: 121°30′ and 121°45′. Scale, 1:62,500. Contour interval, 100 feet. Size, 22 by 28 inches. 1913. Price, 10 cents.

Nisqually Glacier, Wash. Plan of lower part of Nisqually Glacier. Scale, 1:4,800, or 400 feet to 1 inch. Con-tour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Nooksack River, Wash. Plan and profile of Nooksack River and tributaries from Maple Falls to Ruth Creek; dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet; on river surface, 5 feet. Vertical scale of profile, 100 feet to 1 inch. Size, 22 by 28 inches. 8 sheets (4 plans, 3 profiles, 1 sheet showing dam sites). Price, 10 cents a sheet.

Nooksack River, Wash. Plan and profile of Nooksack River and tributaries from Ruth Creek to Deming; and Middle Fork above Baker Lake, South Fork Saxon Bridge to Warnick Creek; Jones Creek; and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet; on river surface, 5 feet. Vertical scale of profile, 100 feet to 1 inch. Size, 22 by 28 inches. 8 sheets (4 plans, 3 profiles, 1 sheet showing dam sites). Price, 10 cents a sheet.

Nooksack River (lower), Wash. Plan and profile of Nooksack River from mouth to mile 27. Middle Fork to mile 6, and South Fork to mile 12. Scale: 1:24,000 or 2,000 feet to 1 inch. Contour interval on land, 5 and 10 feet. Price, 10 cents.

Nooksack River, Wash. Plan and profile of Nooksack River, showing Sukwam, Maple Falls, and Deming dam sites. Scale: 1:6,000, or 500 feet to 1 inch. Contour interval on land, 10 feet; on river surface, 2 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents.

Nooksack River, Wash. Plan and profile of Nooksack River from mouth to mile 18. Scale: 1:31,680, or 2 inches = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Nooksack River (upper), Wash. Plan and profile of Nooksack River from mouth to mile 37 and tributaries. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Okanogan River, Wash. Plan of Okanogan River and Osoyoos Lake Junction with Similkameen River to Oroville. Scale: 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Okanogan River and Osoyoos Lake, Wash. Plan of Okanogan River and Osoyoos Lake downstream to international boundary. Scale: 1:4,800, or 400 feet to 1 inch. Contour interval, 2 and 5 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Pend Oreille River, Wash.-Idaho. Plan and profile of Pend Oreille River from the international boundary in Washington to Albany Falls, Idaho. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 10 feet; on river surface, 2 feet. Size, 22 by 28 inches. 6 sheets (3 plans, 3 profiles). Price, 10 cents a sheet.

Queets River, Wash. Plan and profile of Queets River and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 20 feet (10-foot contours added in dotted lines); on river surface, 5 feet. Vertical scale of profiles, 80 feet to 1 inch. Size, 21 by 27 inches. 4 sheets (3 plans, 2 profiles).

Quinault River (East Fork), Wash. Plan and profile of East Fork of Quinault River from mouth to mile 16. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 80 feet to 1 inch. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Salmon Creek, Wash. Plan of Salmon Creek from sec. 29, T. 4 N., R. 3 E. to sec. 10, T. 3 N., R. 3 E., and dam site. Scale: 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Satsop River, Wash. Plan and profile of Satsop River, East Fork to mile 25, and West Fork to Canyon Creek. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 3 sheets (1 plan, 1 plan and profile, and 1 profile).

Sauk River Reservoir site, Wash. Plan and profile of Sauk River reservoir site, and dam site. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 4 sheets (2 plans, 1 profile, 1 sheet showing dam sites). Price, 10 cents a sheet.

Shaded relief maps. Besides the regular topographic map, a map of the Holden quadrangle has been published in an edition on which the relief is shown both by brown contour lines, as on the regular topographic map, and by shading in brown, which gives the map the appearance of a model of the surface with the light reflected from the northwest. This shading makes the inequalities of the surface more readily apparent to the inexperi-enced map reader than do the contour lines alone. The water features are shown in blue. Price, 20 cents.

SPECIAL MAPS AND SHEETS—Continued

Skagit River, Wash. Plan and profile of Skagit River from mouth to mile 16, and Sauk River to mile 7, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet; on river surface, 5 feet. Vertical scale of profile, 40 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Skokomish River, Wash. Plan of Skokomish River from Salmon Creek to mile 10. North Fork to mile 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 40 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Snoqualmie River, Wash. Plan and profile of Snoqualmie River from mouth to the international boundary, including Palmer Creek, and Similkameen Creek to 1 mile above Loomis, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 10 feet; on river surface, 5 feet. Vertical scale of profile, 40 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Similkameen River, Wash. Plan and profile of Similkameen River from mouth to the international boundary, including Ninemile Creek, and Similkameen Creek to 1 mile above Loomis, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval on land, 10 feet; on river surface, 5 feet. Vertical scale of profile, 40 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Snake River, Idaho-Wash.-Oreg. Plan and profile of Snake River, Lewiston, Idaho, to Huntington, Oreg. Scale: 1:31,680. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 8 sheets (3 plans, 1 profile). Price, 10 cents a sheet.

Tolt River, Wash. Plan and profile of North Fork of Tolt River and South Fork of Tolt River, including Tokul Creek, and dam sites. Scale: 1:31,680, or 1 mile = 1 inch. Contour interval, 20 feet. Vertical scale of profile, 100 feet to 1 inch. Size, 22 by 28 inches. 3 sheets (1 plan, 1 profile, 1 sheet showing dam sites). Price, 10 cents a sheet.

Tonquin Creek, Wash. Plan and profile of Tonquin Creek from Sycan River to mile 7. Scale: 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Tonquin Creek, Wash. Plan and profile of Tonquin Creek from Sycan River to mile 7. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Tonquin Creek, Wash. Plan and profile of Tonquin Creek from Sycan River to mile 7. Scale: 1:62,500, or 1 inch = 1 mile. Contour interval, 100 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Tonquin Creek, Wash. Plan and profile of Tonquin Creek from Sycan River to mile 7. Scale: 1:125,000, or 2 inches = 1 mile. Contour interval, 200 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Toutle River, Wash. Plan and profile of Toutle River, including North Fork, tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet; on river surface, 5 feet. Vertical scale of profile, 80 feet to 1 inch. Size, 22 by 28 inches. 5 sheets (2 plans, 2 profiles). Price, 10 cents a sheet.

Tucannon River, Wash.-Idaho. Plan and profile of Tucannon River from Sprague, Wash., to Post Falls, Idaho. Scale: 1:12,000. Contour interval on land, 5 feet; on river surface, 1 foot. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 4 sheets (3 plans, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from Roza to mile 7. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 17 and Teanaway River to mile 4. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Yakima River, Wash. Plan and profile of Yakima River from mouth to mile 37 and tributaries, and dam sites. Scale: 1:31,680, or 1 inch = 1 mile. Contour interval, 20 feet. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

MAPS OF THE UNITED STATES

BASE MAPS:

A wall map, showing state and county boundaries, names of towns, water features, and railroads. Insets show Alaska, Hawaii, Canal Zone, Puerto Rico, and Virgin Islands. 2 sheets, each 41 by 51 inches (when trimmed and assembled to make a single sheet, 51 by 78 inches). Scale, about 40 miles to the inch. 1932. Price, $1.

Shows state and county boundaries and names, and water features, 27 by 42 inches. Scale, about 80 miles to the inch. 1933. Price, 25 cents.

Shows state and county boundaries and names (in black), and water features (in blue). 27 by 42 inches. Scale, about 80 miles to the inch. 1933. Price, 25 cents.

Shows state boundaries and names (in black), county boundaries and names and water features (in blue). 27 by 42 inches. Scale, about 80 miles to the inch. 1933. Price, 25 cents.

Shows state boundaries, principal cities, and water features. 20 by 30 inches. Scale, about 110 miles to the inch. 1916. Price, 15 cents.

Shows state boundaries, principal cities, and water features. 13 by 19 inches. Scale, about 190 miles to the inch. 1906. Price, 5 cents.

Shows state boundaries, principal cities, and water features. 9½ by 13 inches. Scale, about 260 miles to the inch. 1911. Price, 1 cent.

CONTOUR MAP:

Shows altitude, state boundaries, principal cities, and water features. 20 by 30 inches. Scale, about 110 miles to the inch. 1916. Price, 15 cents.

GEOLOGIC MAP:

This map represents the results of more than 50 years of geologic exploration and mapping by the Federal Geological Survey, the state surveys, other organizations, and independent geologists. It is principally a wall map but contains sufficient detail to be valuable also for desk study. More than 160 rock units are distinguished by patterns printed in 23 colors. 4 sheets, each 27 by 47 inches (when trimmed and assembled to make a single sheet, 51 by 90 inches). Scale, about 40 miles to the inch. 1933. Price, $2.50; no discount allowed.

OIL AND GAS MAPS:

A wall map, showing oil and gas fields, areas of oil shale and basement rocks, and the approximate boundary of the Continental Shelf. 2 sheets, each 41 by 52 inches (when trimmed and assembled to make a single sheet, 52 by 80 inches). Scale, about 40 miles to the inch. 1951. Price, $1.50; no discount allowed.

A wall map, showing oil and gas fields, pipe lines, and refining centers. 2 sheets, each 42 by 52 inches (when trimmed and assembled to make a single sheet, 52 by 81 inches). Scale, about 40 miles to the inch. 1946. Price, $1.50.

OUTLINE MAP:

Shows state boundaries and names only. 27 by 42 inches. Scale, about 80 miles to the inch. 1940. Price, 25 cents.

PHYSICAL DIVISIONS:

Shows physical divisions outlined in red on a base map 20 by 30 inches. Subdivisions and characteristics of each are listed on the margin. Without contours. 28 by 32 inches. Scale, about 110 miles to the inch. 1946. Price, 10 cents.

RELIEF MAPS:

A wall map, showing state boundaries, principal cities, water features, and relative height of land and depth of sea. 44 by 64 inches. Scale, 50 miles to the inch. 1920. Price, 75 cents.

Shows altitude by contour lines and color tints, state boundaries, principal cities, and water features. 20 by 30 inches. Scale, about 110 miles to the inch. 1916. Price, 15 cents.

STATUS INDEX MAPS:

A series of maps showing the status of various phases of mapping in the United States. Each map is accompanied by a text which gives a detailed explanation. Scale, about 80 miles to the inch. Size, 28 by 42 inches. Free on application to the Geological Survey, Washington 25, D. C. The following maps are available:

Aerial Mosaics of the United States. Shows all areas in the United States for which mosaics or photo maps have been prepared from aerial photographs, scale of negatives, dates of photography, and agencies from which copies may be obtained. Color patterns indicate the holdings of the various Federal and state agencies and commercial firms that have reported their coverage to date. 1952.

Aerial Photography of the United States. The fifth edition of an index showing the status of aerial photography, areas that have been photographed, and agencies holding the film. Coverage of aerial photography is shown to the extent known only if reproductions are generally available for purchase. 1951.

Geologic Mapping in the United States. Shows by color patterns the areas covered by published geologic maps, and areas in which geologic mapping is in progress in the United States, its territories and possessions. 1951.

Horizontal Control in the United States. Shows the extent of horizontal control established by Federal agencies in the United States, its territories and possessions. 1952.

Vertical Control in the United States. Shows the extent of vertical control established by Federal agencies in the United States, its territories and possessions. 1952.

Topographic Mapping in the United States. The third edition of an index showing the status of topographic mapping in the United States, its territories and possessions. Shows mapping, both topographic and planimetric, by the Geological Survey and other Federal agencies. A general appraisal of the adequacy of these maps is indicated by color patterns. 1952.

MAP REFERENCE LIBRARIES

Many libraries maintain map reference facilities where the published maps of the Geological Survey may be consulted. These maps are also on file in the field offices of the Geological Survey. In this state, maps are deposited in the libraries listed below.

OLYMPIA:
Washington State Library.

PULLMAN:
Library, Technical Service Division, State College of Washington.

SEATTLE:
Public Library.
Library, University of Washington.

SPOKANE:
U. S. Geological Survey, South 157 Howard Street.

TACOMA:
Department of Geology, College of Puget Sound.
Public Library.

AGENTS FOR TOPOGRAPHIC MAPS

Purchasers may save delay incident to ordering through the mails by buying of the following agents, who carry in stock some or all of the maps described in this index and sell them at prices slightly in advance of rates herein mentioned.

WASHINGTON

BELLINGHAM:
Griggs Stationery & Printing Co., 120 East Holly Street.

EVERETT:
Black & King, 2930 Colby Avenue.

PULLMAN:
Division of Geology, State College of Washington.

SEATTLE:
Mitchell's, 420 Fourth Avenue.
Lowman & Hanford, 1515 Second Avenue.
Metsker Map Co., 1020 Third Avenue
University Book Store, 4326 University Way.

SPOKANE:
John W. Graham & Co., 707–711 Sprague Avenue.
Shaw & Borden Co., 325 Riverside Avenue.

TACOMA:
Metsker Map Co., 111 South Tenth Street.
Pioneer, Inc., 12th and A Streets.
The Stationers, Inc., 926 Pacific Avenue.

WENATCHEE:
C. H. Armstrong Co., Booksellers and Stationers.

YAKIMA:
Broad's, 22 North Second Street.

OREGON

PORTLAND:
Hanson Map & Blue Print Co., 317 SW. Third Avenue.
J. K. Gill Co., Fifth and Stark Streets.

PORTLAND—Continued.
The Swender Blue Print Co., 523 SW. Oak Street.

CALIFORNIA

LOS ANGELES:
California Map Center, 610 South Broadway.

LOS ANGELES—Continued.
Westwide Map Co., 114½ West Third Street.

NEW YORK

NEW YORK CITY:
American Map Co., Inc., 16 East Forty-second Street.
C. S. Hammond & Co., 1 East Forty-Third Street.

NEW YORK CITY—Continued.
Hagstrom Co., 311–315 Broadway.
International Map Co., Inc., 90 West Street.

WASHINGTON

~~Pullman~~
~~Yakima~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WASHINGTON

INDEX TO TOPOGRAPHIC MAPPING IN WASHINGTON

The Geological Survey is making a series of standard topographic maps to cover the United States, Alaska, Hawaii, and Puerto Rico. Under the general plan adopted, the unit of survey is a quadrangle bounded by parallels of latitude and meridians of longitude. Quadrangles covering 7½ minutes of latitude and longitude are generally published at the scale of either 1:24,000 (1 inch = 2,000 feet) or 1:31,680 (1 inch = ½ mile). Quadrangles covering 15 minutes of latitude and longitude are published at the scale of 1:62,500 (1 inch = approximately 1 mile), and quadrangles covering 30 minutes of latitude and longitude are published at the scale of 1:125,000 (1 inch = approximately 2 miles). In certain western states, a few quadrangles covering one degree of latitude and longitude have been published at the scale of 1:250,000 (1 inch = approximately 4 miles). A few special maps are published on other scales. Each quadrangle is designated by the name of a city, town, or prominent natural feature within it, and on the margins of the map are printed the names of adjoining quadrangle maps that have been published. The maps are printed in three colors. The cultural features, such as roads, railroads, cities, and towns, as well as the lettering, are in black; the water features are in blue; and the features of relief, such as hills, mountains, and valleys, are shown by brown contour lines. The contour interval differs according to the scale of the map and the relief of the country. On maps that contain supplemental information additional colors are used, such as green for woodland areas and red for highway classification, urban areas, and United States land lines. A folder describing topographic maps and symbols is available free upon request.

Prior to August 1951 the green tint denoting woodland areas was overprinted on only a small portion of the first edition of a quadrangle map. Due to the increasing demand for woodland coverage, however, the greater part of the edition of each map published after that date will carry the green overprint. Therefore, in ordering maps, it is requested that it be specified whether copies with or without woodland coverage are desired.

In many instances, an area is covered by 2 or more maps which carry the same name, but are published on different scales. Wherever this occurs, the map order should also include the map series designation, such as 7½-minute series, 15-minute series, or 30-minute series.

The extent of map coverage is shown on the index map, on which the mapped areas are outlined in red. Quadrangles for which published maps are available have the quadrangle name, publishing agency (if other than the Geological Survey), and date of survey also printed in red. A list of special maps and sheets is given on the following pages.

The price of the standard quadrangle map is 20 cents per copy, but a 20 percent discount is allowed when an order for maps subject to the discount amounts to $10 or more at the retail price. All maps are subject to the discount, except for certain maps so indicated in the list of special maps and sheets. Prices for maps other than the standard quadrangle maps are given on the following pages of this text. Prepayment is required and may be made by money order or check, payable to the Geological Survey, or in cash—the exact amount—at the sender's risk.

Maps covering areas in the States west of the Mississippi River and including all of Louisiana and Minnesota may be ordered directly from the Geological Survey, Federal Center, Denver, Colorado, where a distribution center for these States is maintained. Maps for areas east of the Mississippi River should be ordered from the Geological Survey, Washington 25, D. C.

The Geological Survey does not supply mounted maps.

Further information concerning maps may be obtained from the Map Information Office, Geological Survey, Washington 25, D. C.

April 1953

4-3,500

SPECIAL MAPS AND SHEETS

[Additional information can be obtained from the National Park Service, Department of the Interior, Washington, D. C.]

MAPS SHOWING LOCATION OF NATIONAL PARKS AND MONUMENTS

Mount Rainier National Park, Wash. This park is shown on the map of the Mount Rainier quadrangle. See also "Special maps and sheets", page 3.

Olympic National Park, Wash. This park is covered in part by the maps of the Lake Crescent, Port Crescent, Port Angeles, and Mount Constance quadrangles.

Whitman National Monument, Wash. This monument is covered by the Walla Walla quadrangle.