UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INDEX TO MAPS OF WASHINGTON

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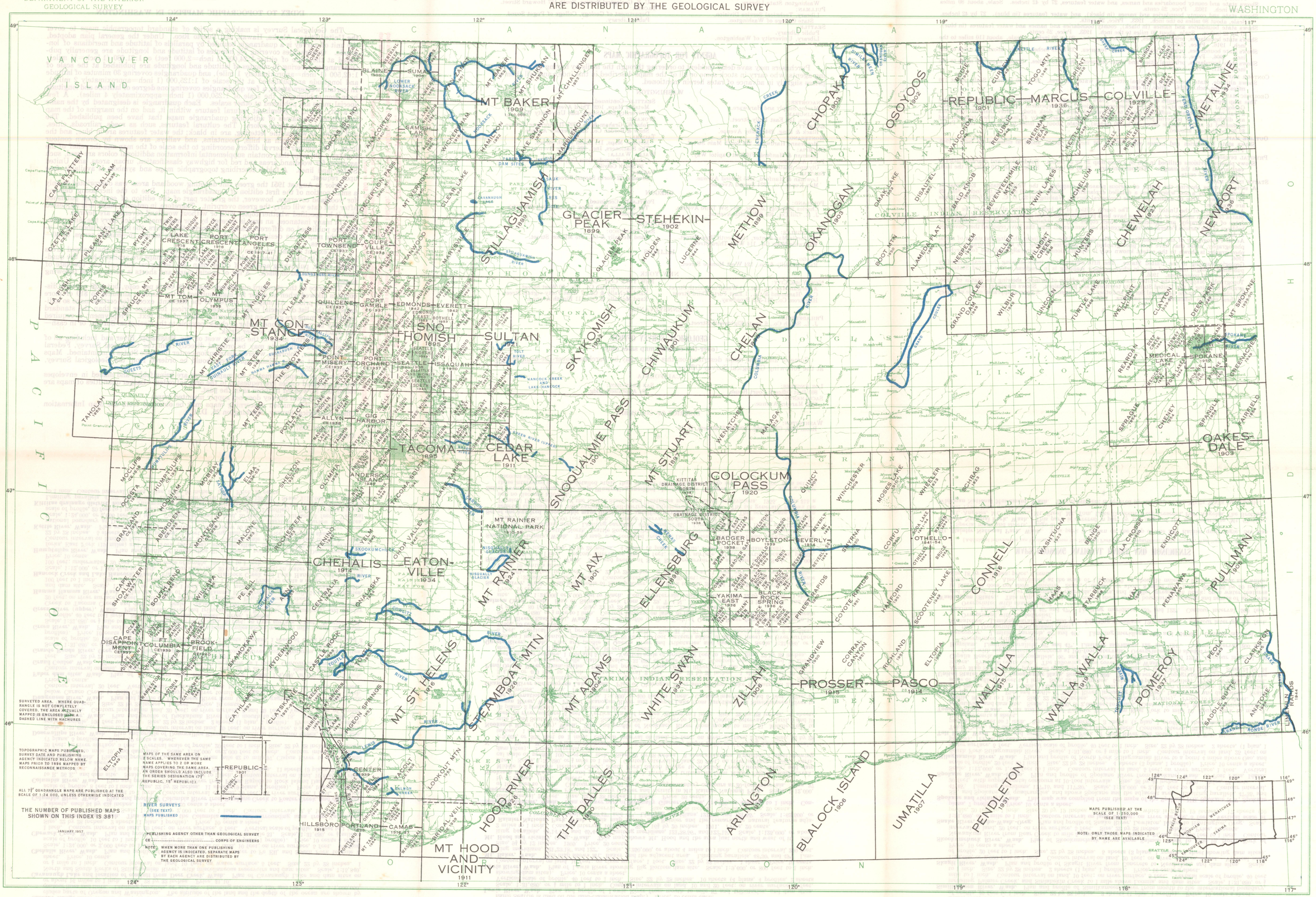
WASHINGTON



SURVEYED AREA. WHERE QUADRANGLE IS NOT COMPLETELY COVERED, THE AREA ACTUALLY MAPPED IS ENCLOSED WITH A DASHED LINE WITH HACHURES

TOPOGRAPHIC MAPS PUBLISHED; SURVEY DATE AND PUBLISHING AGENCY INDICATED BELOW NAME. MAPS PRIOR TO 1936 MAPPED BY RECONNAISSANCE METHODS.

ALL 7½' QUADRANGLE MAPS ARE PUBLISHED AT THE SCALE OF 1:24,000, UNLESS OTHERWISE INDICATED

THE NUMBER OF PUBLISHED MAPS SHOWN ON THIS INDEX IS 381

JANUARY 1957

MAPS OF THE SAME AREA ON 2 SCALES. WHEREVER THE SAME NAME APPLIES TO 2 OR MORE MAPS COVERING THE SAME AREA, AN ORDER SHOULD ALSO INCLUDE THE SERIES DESIGNATION (7½' REPUBLIC, 15' REPUBLIC).

REPUBLIC 15' / REPUBLIC 7½'

RIVER SURVEYS (SEE TEXT)
MAPS PUBLISHED

PUBLISHING AGENCY OTHER THAN GEOLOGICAL SURVEY
CE ——— CORPS OF ENGINEERS

NOTE: WHEN MORE THAN ONE PUBLISHING AGENCY IS INDICATED, SEPARATE MAPS BY EACH AGENCY ARE DISTRIBUTED BY THE GEOLOGICAL SURVEY.

Scale 1:500,000
0 10 20 30 40 50 Miles
0 10 20 30 40 50 Kilometers

MAPS PUBLISHED AT THE SCALE OF 1:250,000 (SEE TEXT)

NOTE: ONLY THOSE MAPS INDICATED BY NAME ARE AVAILABLE

ADDITIONAL INFORMATION CONCERNING THE PROGRESS OF MAPPING IN WASHINGTON MAY BE OBTAINED FROM THE TOPOGRAPHIC DIVISION, U.S. GEOLOGICAL SURVEY, BOX 197, (TOWN AND COUNTRY), SACRAMENTO, CALIFORNIA, OR THE MAP INFORMATION OFFICE, U.S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1955

1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 at 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 black. Quadrangles for which published maps are available have the quadrangle name, publishing agency (if other than the Geological Survey), and the date of survey also printed in black. 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.

Sendings of approximately six maps or less are being folded and mailed in envelopes unless unfolded copies are requested in the original order. Larger quantities of maps are rolled and forwarded in tubes as in the past.

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.

January 1957

2-4,000

MAP PRICES AND DISCOUNTS—EFFECTIVE MAY 1, 1957

LIST PRICES: Topographic quadrangle maps at scales 1:24,000; 1:31,680; 1:62,500; 1:125,000; and 1:250,000 (1° x 1° reconnaissance) 30 cents each
Topographic maps at scale 1:250,000 (new 1° x 2° series) 50 cents each
National Park and other special topographic maps are individually priced. A price list is available on request.

DISCOUNTS: Based on list price: 20% on orders of $10 or more. 40% on orders of $60 or more.

SPECIAL MAPS AND SHEETS

[Measurements are approximate]

Carbon River, Wash. Plan and profile of Carbon River, South Prairie Creek to Mt. Rainier National Park, and dam sites. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour intervals on land, 20 and 100 feet; on water surface, 5, 20, and 100 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.

Cascade Range sheet (North L-10) of the International Map of the World. The area shown on this map includes parts of Oregon and Washington. The altitude of the land and the depth of the ocean are shown by contour lines and tints. Limiting parallels, 44° and 48°. Limiting meridians, 120° and 126°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 28 by 32 inches. Price, $1.10.

Cavanaugh Lake and location of conduit from Deer Creek, Wash. Plan of Cavanaugh Lake and dam sites on North and South Forks of Stillaguamish River, with miscellaneous reservoirs and dam sites. Scale, 1:15,840, or ¼ mile to 1 inch. Contour interval on land, 10 feet; on water surface, 5 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Chehalis River, Wash. Plan and profile of Chehalis River from Bunker to Pe Ell, and South Fork to mile 7. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval on land, 10 feet; on river surface, 5 feet. Vertical scale of profile, 10 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). Price, 10 cents a sheet.

Chewack Creek, Wash. Plan and profile of Chewack Creek from mouth to mile 31. Scale, 1:31,680, or ½ mile to 1 inch. 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.

Columbia River, Oreg.-Wash. This map shows the Columbia River and surrounding area from Vancouver, Oreg., to Stella, Wash. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour intervals, 2, 5, 10, and 25 feet. 3 sheets, each 34 by 42½ inches. 1930. Price, 20 cents a sheet.

Columbia River, Wash. Plan and profile of Columbia River from Swakane Creek to Foster Creek, and dam sites. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval on land, 20 feet; on river surface, 1 foot. Vertical scale of profile, 8 feet to 1 inch. Size, 22 by 28 inches. 11 sheets (9 plans, 2 profiles). Price, 10 cents a sheet.

Columbia River, Wash. Plan and profile of Columbia River from Priest Rapids to Rock Island Dam, Crab Creek to R. 26 E., and dam site. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval on land, 10 feet; on river surface, 1 foot. Vertical scale of profile, 8 feet to 1 inch. Size, 22 by 28 inches. 11 sheets (9 plans, 2 profiles). Price, 10 cents a sheet.

Cowlitz River, Wash. Plan and profile of Cowlitz River from mile 42 to mile 97, Cispus River to mile 32, and Tilton River to mile 19, 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. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 12 sheets (7 plans, 5 profiles). Price, 10 cents a sheet.

Dosewallips River, Wash. Plan and profile of Dosewallips River from mouth to Deception Creek, and dam site. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 20 feet; on river surface, 5 and 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.

Duckabush River, Wash. Plan and profile of Duckabush River from mouth to mile 18. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 20 feet; on river surface, 5 and 20 feet. Vertical scale of profile, 100 feet to 1 inch. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Dungeness River, Wash. Plan and profile of Dungeness River from U. S. G. S. gaging station at a point ½ mile below Canyon Creek to Gold Creek, and Graywolf River to mile 4. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Vertical scale of profile, 80 feet to 1 inch. Size, 22 by 28 inches. 1 sheet. 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 on land, 10 feet; on river surface, 1 foot. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Grand Coulee, Wash. Plan of Grand Coulee. Scale, 1:31,680, or ½ mile to 1 inch. Contour intervals, 5 and 20 feet. Size, 22 by 28 inches. 4 sheets. Price, 10 cents a sheet.

Grande Ronde River, Oreg.-Wash. Plan and profile of Grande Ronde River and tributaries, and dam sites. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 21 by 25 inches. 7 sheets (3 plans, 1 sheet of cross sections, and 3 profiles). Price, 10 cents a sheet.

Green River, Wash. Plan and profile of Green River from a point 4 miles above mouth to mile 9, and dam sites. Scale, 1:31,680, or ½ mile to 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. 1 sheet. Price, 10 cents.

Green River (upper), Wash. Plan of Green River and tributaries from Kanaskat to Humphrey, and Sunday Creek to Tacoma 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 ½ mile to 1 inch. 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.

Hancock Creek and Lake Hancock, Wash. Plan and profile of Hancock Creek and Lake Hancock, and dam site. Scale, 1:12,000, or 1,000 feet to 1 inch. Contour intervals, 20 feet and 100 feet; on water surface, 5 feet and 100 feet; underwater, 20 feet. Vertical scale of profile, 100 feet to 1 inch. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Humptulips River, Wash. Plan and profile of Humptulips River from a point 1 mile above Deep Creek to the forks, East Fork (19 miles) and West Fork (24 miles), and dam sites. Scale, 1:31,680, or ½ mile 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. 5 sheets (2 plans, 2 profiles, 1 sheet showing dam sites). Price, 10 cents a sheet.

Kettle River, Wash. Plan and profile of Kettle River from Barstow to international boundary at Laurier, international boundary at Danville to international boundary at Midway, and Barstow and Curlew dam sites. 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. 5 sheets (3 plans, 2 profiles). Price, 10 cents a sheet.

Kittitas drainage district, north. This map shows part of the Kittitas Valley north of the North Branch Canal. Limiting parallels, 47°03′ and 47°08′. Limiting meridians, 120°20′ and 120°32′. Scale, 1:12,000, or 1,000 feet to 1 inch. Contour interval, 5 feet. Size, 36 by 56 inches. 1938. Price, 20 cents.

SPECIAL MAPS AND SHEETS—Continued

Kittitas drainage district, south. This map shows that part of the Kittitas Valley bounded by the Yakima River and the Cascade Canal. Limiting parallels, 46°55′ and 47°04′. Limiting meridians, 120°22′ and 120°39′. Scale, 1:12,000, or 1,000 feet to 1 inch. Contour interval, 5 feet. 2 sheets, 41 by 47 and 37 by 44 inches. 1938. Price, 20 cents a sheet.

Land-classification maps. The Snohomish and Tacoma maps have been published as plain maps and with overprints of colors showing forest conditions. (Snohomish quadrangle was formerly called Seattle, and the name Seattle is used on the land-classification map.) Price, 20 cents each.

Lewis River, Wash. Plan and profile of Lewis River from mouth to mile 87 and tributaries, and dam sites. Scale, 1:31,680, or ½ mile to 1 inch. Contour intervals on land, 10 and 20 feet; on river surface, 5 feet. Vertical scale of profile, 40 feet to 1 inch. Size, 22 by 28 inches. 10 sheets (4 plans, 4 profiles, 2 sheets showing dam sites). Price, 10 cents a sheet.

Lewis River, Wash. Plan of Lewis River showing Big Bottom dam site. Scale, 1:9,600, or 800 feet to 1 inch. Contour interval on land, 10 feet; on river surface, 1 foot. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Mt. Baker, Wash. This map shows Mt. Baker and the adjacent area. Limiting parallels, 48°30′ and 49°. Limiting meridians, 121°23′18″ and 122°. Scale, 1:250,000, or about 4 miles to 1 inch. Contour interval, 200 feet. Size, 9½ by 12 inches. 1909. Price, 20 cents.

Mt. Hood and vicinity, Oreg.-Wash. This map shows Mt. Hood and the area just north and west of it. Limiting parallels, 45°14′47″ and 45°44′. Limiting meridians, 121°38′56″ and 122°15′. Scale, 1:125,000, or about 2 miles to 1 inch. Contour interval, 100 feet. Size, 16½ by 20 inches. 1911. Price, 20 cents.

Mt. Rainier National Park, Wash. This map shows Mt. Rainier and the remarkable natural features adjacent to it. Limiting parallels, 46°43′43″ and 47°. Limiting meridians, 121°30′ and 121°55′. Scale, 1:62,500, or about 1 mile to 1 inch. Contour interval, 100 feet. Size, 22 by 26 inches. 1910–55. Price, 20 cents.

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

Nisqually Glacier, Wash. Plan of Nisqually Glacier and vicinity in Mt. Rainier National Park. Scale, 1:12,000, or 1000 feet to 1 inch. Contour interval, 40 feet, with supplementary contours at 20-foot intervals. Size, 37 by 42 inches. 1951. 1 sheet. Price, 75 cents.

Nooksack River, Wash. Plan and profile of Nooksack River and tributaries from Maple Falls to Ruth Creek; Middle Fork above Heislers Creek; South Fork, Saxon Bridge to Wanlick Creek; Jones Creek; and dam sites. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 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 of Nooksack River, showing Shuksan, Maple Falls, and Deming dam sites. Scale, 1:9,600, or 800 feet to 1 inch. Contour interval on land, 10 feet; on river surface, 2 feet. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Nooksack River (lower), Wash. Plan and profile of Nooksack River from mouth to mile 51, Middle Fork to mile 5, and South Fork to mile 12. Scale 1:24,000 or 2,000 feet to 1 inch. Contour intervals on land, 5 and 10 feet; on river surface, 5 feet. Vertical scale of profiles, 20 feet to 1 inch. Size, 22 by 28 inches. 5 sheets (3 plans, 2 profiles). Price, 10 cents a sheet.

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

Okanogan River and Osoyoos Lake, Wash. Plan of Okanogan River and Osoyoos Lake downstream 2.4 miles. Shows revisions resulting from channel improvements between Osoyoos Lake and railroad bridge. Scale, 1:4,800, or 400 feet to 1 inch. Contour interval, 2 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 ½ mile to 1 inch. Contour intervals on land, 10 and 20 feet; on river surface, 1 foot and 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 5 sheets. (3 plans, 2 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 ½ mile to 1 inch. Contour interval on land, 20 feet (10-foot contours added in dashed lines); on river surface, 5 feet. Vertical scale of profiles, 80 feet to 1 inch. Size, 21 by 27 inches. 5 sheets (3 plans, 2 profiles). Price, 10 cents a sheet.

Quinault River (East Fork), Wash. Plan and profile of East Fork of Quinault River from mouth to mile 15. Scale, 1:31,680, or ½ mile to 1 inch. 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 intervals, 10 and 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 ½ mile 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. 3 sheets (1 plan, 1 plan and profile, and 1 profile). Price, 10 cents a sheet.

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.

Seattle and vicinity, Wash. This map was compiled from the Des Moines, Duwamish Head, Kirkland, Mercer Island, Renton, Seattle North, Seattle South, Shilshole Bay, and Vashon quadrangle maps, and shows Seattle and the surrounding area. Limiting parallels, 47°25′ and 47°45′. Limiting Meridians, 122°10′ and 122°27′30″. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 25 feet. Size, 42 by 70 inches. 1950. Price, $1.50.

Set of one hundred topographic maps illustrating specified physiographic features. This set of maps has been selected to illustrate a wide variety of well-portrayed physiographic features. The set generally follows the Physical Divisions Map of the United States, and illustrates most of its 86 subdivisions. 1955. Price $15 a set; no discount allowed.

Set of twenty-five topographic maps illustrating specified physiographic features. A smaller set arranged for those interested in a less detailed study than that of the one-hundred map set. 1955. Price, $5 a set; no discount allowed.

SPECIAL MAPS AND SHEETS—Continued

Shaded relief maps. Besides the regular topographic map, maps of the Grand Coulee Dam and Holden quadrangles have 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 striking it from the northwest. This shading makes the inequalities of the surface more readily apparent to the inexperienced map reader than do the contour lines alone. Price, 20 cents.

Sheep Creek, Wash. Plan and profile of Sheep Creek from mouth to the international boundary, and dam sites. Scale, 1:31,680, or ½ mile to 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.

Similkameen River, Wash. Plan and profile of Similkameen River from mouth to the international boundary, including Palmer Creek, and Sinlahekin Creek to 1 mile above Loomis, and dam sites. Scale, 1:31,680, or ½ mile to 1 inch. 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.

Skagit River, Wash. Plan and profile of Skagit River from Concrete to Newhalem, 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. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 5 sheets (3 plans, 1 profile, 1 sheet showing dam sites). Price, 10 cents a sheet.

Skookumchuck River, Wash. Plan of Skookumchuck River from Salmon Creek to mile 10, North Fork of Newaukum River from Bear Creek to mile 5, 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. Size, 22 by 28 inches. 1 sheet. Price, 10 cents.

Snake River, Idaho-Wash.-Oreg. Plan and profile of Snake River, Lewiston, Idaho, to Huntington, Oreg. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 25 feet; on river surface, 5 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 20 by 19 inches (except sheet 1, which is 23 by 19 inches). 17 sheets (10 plans, 7 profiles). Price, 10 cents a sheet.

Spokane and vicinity, Wash. This map was compiled from the maps of the Spokane NE, Spokane NW, Spokane SE, and Spokane SW quadrangles, and shows Spokane and the adjacent area. Limiting parallels, 47°35′ and 47°45′. Limiting meridians, 117°15′ and 117°30′. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet, with supplementary contours at 10-foot intervals. Size, 36 by 40 inches. 1950. Price, 75 cents.

Spokane River, Wash.-Idaho. Plan and profile of Spokane River from Spokane, Wash. to Post Falls, Idaho. Scale, 1:12,000, or 1,000 feet to 1 inch. 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.

Stillaguamish River, Wash. Plan and profile of North Fork Stillaguamish River to a point 4 miles above Oso, and South Fork Stillaguamish River. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 25 feet; on water 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.

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 ½ mile to 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.

Touchet River, Wash. Plan and profile of Touchet River from East Fork to mile 10, South Fork to mile 9, tributaries, and dam site. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 20 feet. Vertical scale of profile, 80 feet to 1 inch. Size, 22 by 28 inches. 3 sheets (2 plans, 1 profile). Price, 10 cents a sheet.

Toutle River, Wash. Plan and profile of Toutle River, including North Fork, tributaries, and dam sites. Scale, 1:31,680, or ½ mile to 1 inch. Contour intervals on land, 10 and 20 feet; on river surface, 5 feet. Vertical scale of profile, 80 feet to 1 inch. Size, 22 by 28 inches. 5 sheets (3 plans, 2 profiles). Price, 10 cents a sheet.

United States Series of Topographic Maps, Scale 1:250,000. This is a series of topographic maps produced by the Army Map Service, and published and distributed for civilian use by the Geological Survey. Size, 24 by 34 inches. Price, 50 cents each. The following maps cover areas in Washington:

Copalis Beach. Limiting parallels, 46° and 48°. Limiting meridians, 124° and 125°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. Overprinted with shaded relief.

Hoquiam. Limiting parallels, 46° and 47°. Limiting meridians, 122° and 124°. Contour interval, 200 feet. Overprinted with shaded relief.

Vancouver. Limiting parallels, 45° and 46°. Limiting meridians, 122° and 124°05′. Contour interval, 500 feet. Overprinted with shaded relief.

Wenatchee. Limiting parallels, 47° and 48°. Limiting meridians, 120° and 122°. Contour interval, 500 feet. Overprinted with shaded relief.

Yakima. Limiting parallels, 46° and 47°. Limiting meridians, 120° and 122°. Contour interval, 500 feet. Overprinted with shaded relief.

Washington (State). This map, which is in two colors, shows county boundaries, location and names of all towns and most of the smaller settlements, railroads, rivers, and smaller streams in black; open water features in blue. It does not show contours. Scale, 1:500,000, or about 8 miles to 1 inch. Size, 35 by 50 inches. Price, 25 cents. Also published at the scale of 1:1,000,000, or about 16 miles to 1 inch, in black and white; size, 18 by 26 inches; price, 5 cents.

MAPS SHOWING NATIONAL PARKS AND MONUMENTS

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

Mt. Rainier National Park, Wash. This park is shown on the map of the Mt. 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 Mt. Constance, Mt. Christie, Mt. Angeles, Mt. Olympus, Mt. Steel, Mt. Tom, Lake Crescent, Port Crescent, Port Angeles, The Brothers, and Tyler Peak quadrangles.

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

MAPS OF THE UNITED STATES

BASE MAPS:

A wall map, showing state and county boundaries, names of towns, and water features. 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.

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.

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. The fourth edition of an index showing 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. 1955.

Aerial Photography of the United States. The eighth 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. 1956.

Geologic Mapping in the United States. The fifth edition of an index showing the areas covered by published geologic maps, and areas in which geologic mapping is in progress in the United States, its territories and possessions. 1955.

Topographic Mapping in the United States. The sixth 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. 1956.

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

ANACORTES:
Marine Supply and Hardware.
BELLINGHAM:
Griggs, 120 East Holly Street.
EVERETT:
Black & King, 2944 Colby Avenue.
MONTESANO:
Montesano Hardware, 210 South Main Street.
OLYMPIA:
Lowman & Hanford, Fifth at Capitol Way.
PORT ANGELES:
Olympic Stationers.
SEATTLE:
Lowman & Hanford, 1515 Second Avenue.
Max Kuner Co., 1324 Second Avenue.
SEATTLE—Continued.
Metsker Maps, 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 Maps, 111 South Tenth Street.
The Stationers, Inc., 926 Pacific Avenue.
WALLA WALLA:
Columbia Reproductions Co., P. O. Box 216, 30 South Colville.
YAKIMA:
Broad's, 22 North Second Street.

OREGON

PORTLAND:
Charles Brunnig Co., Inc., 317 SW Third Avenue.
J. K. Gill Co., 408 SW Fifth Avenue.
PORTLAND—Continued.
The Swender Blue Print Co., Inc., 215 SW Fifth Avenue.

CALIFORNIA

LOS ANGELES:
California Map Center, 1100 South Hope Street.
Westwide Maps Co., 114 West Third Street.
SAN FRANCISCO:
Rand McNally & Co., 575 Mission Street.

ILLINOIS

CHICAGO:
Rand McNally & Co., 124 West Monroe Street.

NEW YORK

NEW YORK CITY:
American Map Co., Inc., 11 West Forty-sixth Street.
C. S. Hammond & Co., 1 East Forty-Third Street.
Hagstrom Co., 311-315 Broadway.
NEW YORK CITY—Continued.
International Map Co., Inc., 90 West Street.
Rand McNally & Co., 7 West Forty-eighth Street.
Rand McNally & Co., 111 Eighth Avenue.

PENNSYLVANIA

PHILADELPHIA:
J. L. Smith Co., 6 South Eighteenth Street.

GEOLOGICAL SURVEY OFFICES

(over-the-counter map sales only)

Some or all of the maps described on this index may be purchased over-the-counter only at the following Geological Survey Offices:

CALIFORNIA

LOS ANGELES:
803 Post Office & Court House.
SACRAMENTO:
2520 Marconi Avenue.
SAN FRANCISCO:
724 Appraisers Bldg.

DISTRICT OF COLUMBIA

WASHINGTON:
Room 1028, GSA Bldg., 19th & E Streets, N. W.