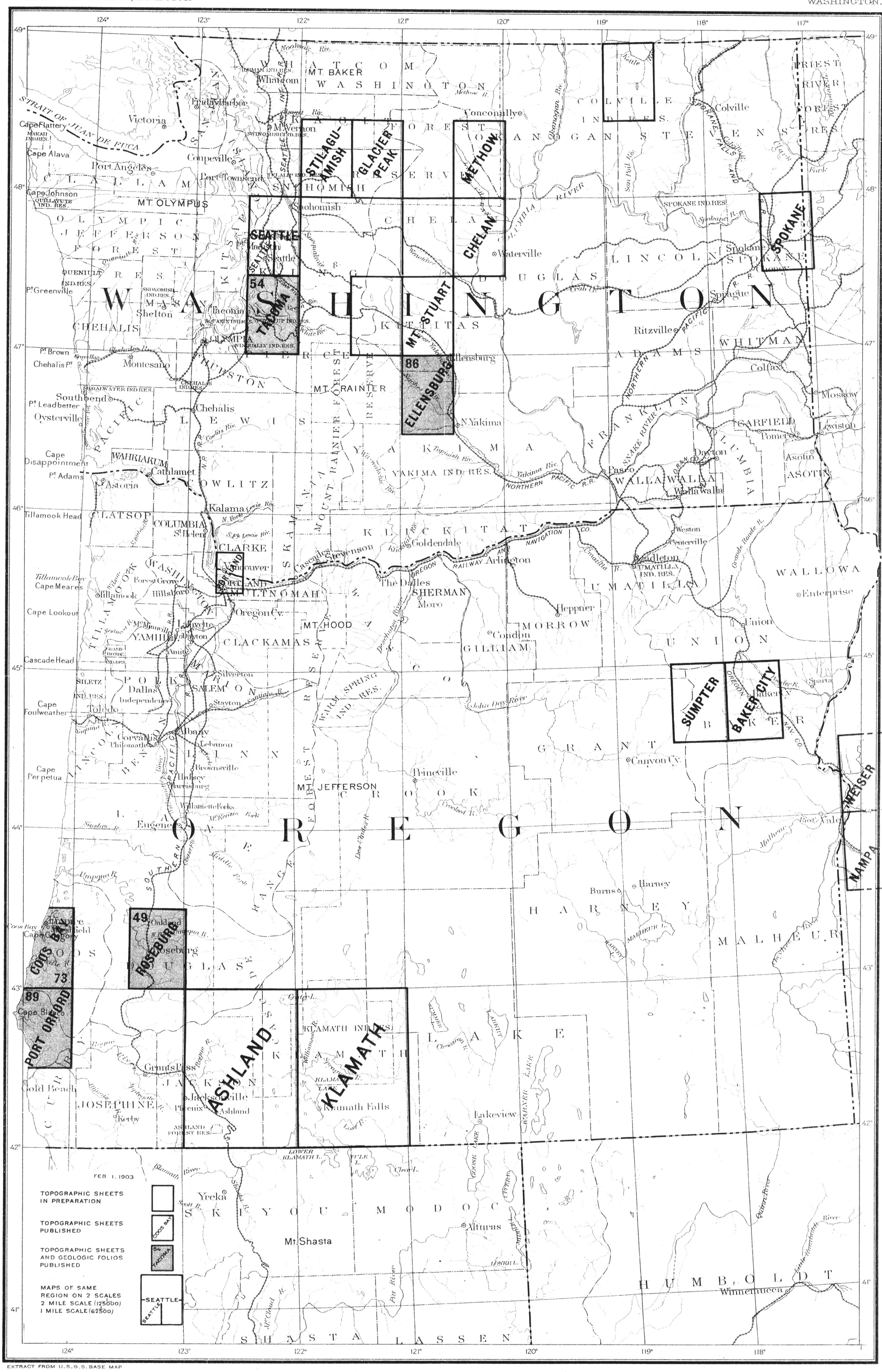

EXTRACT FROM U.S.G.S. BASE MAP

INDEX TO TOPOGRAPHIC ATLAS SHEETS

1903

SPECIAL MAPS.

In addition to the topographic atlas sheets named on the accompanying map the following map has been published:

Crater Lake, Oregon. Special map of Crater Lake and vicinity, showing part of the **Ashland** quadrangle on a larger scale. Limiting parallels, 42° 50′ and 43° 04′; limiting meridians, 122° 00′ and 122° 15′. Scale, 1:62500. Contour interval, 100 feet. Descriptive text and illustrations on back of sheet. Price 5 cents. No wholesale rate allowed on this map.

FORESTRY MAPS

The Seattle and Tacoma topographic sheets have also been published with overprints of colors showing forest conditions; price, 5 cents each No wholesale rate allowed on these maps.

MAPS OF THE UNITED STATES

PUBLISHED AND FOR SALE BY THE UNITED STATES GEOLOGICAL SURVEY

A wall map (in three sheets), size 49 x 76 inches, on a scale of 40 miles to an inch, approximately. This map is published either with or without contours. Price, 60 cents; when included in wholesale orders, 24 cents.

A small map, 18 x 28 inches, on a scale of 111 miles to an inch, approximately, published either with or without contours. Price, 10 cents; when included in wholesale orders, 4 cents,

A hypsometric map, same size, scale, and price as next above.

A small base map, 11 x 16 inches, on a scale of 204 miles to an inch, approximately. Price, 5 cents; when included in wholesale orders, 2 cents

NOTE.—General and combined maps may be included in a single order at wholesale rates.

GEOLOGIC FOLIOS

Geologic maps corresponding in position and area with the topographic maps are being published in the form of folios. The areal geology, underground structure, and mineral deposits are represented by colors and patterns. For Oregon and Washington five folios (No. 49, Roseburg; No. 54, Tacoma; No. 73, Coos Bay; No. 86, Ellensburg; No. 89, Port Orford) have been issued, as shown on the index map by the shaded rectangles. The price of each is 25 cents. An order for geologic folios should specify the serial numbers shown on the corresponding rectangles. A general circular on geologic folios may be had on application.

NOTE.—No circular has been prepared indicating progress made in the publication of topographic maps of Alaska. Thus far the Fortymile sheet is the only one issued. Limiting parallels, 64° and 65°; limiting meridians, 141° and 142°. Scale, 1:250000. Contour interval, 200 feet. Price, 5 cents; when included in wholesale orders, 2 cents.

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DEPARTMENT OF THE INTERIOR

UNITED STATES GEOLOGICAL SURVEY

TOPOGRAPHIC MAPS OF

OREGON AND WASHINGTON

MADE AND FOR SALE BY THE UNITED STATES GEOLOGICAL SURVEY

The United States Geological Survey has been engaged since its organization in making a topographic survey and map of the United States. The unit of survey is a quadrangle 15′, 30′, or 1° in extent each way, covering an area of one-sixteenth, one-fourth, or one "square degree." The unit of publication is an atlas sheet 16½ by 20 inches, and each sheet is a topographic map of one of the above areas. As the atlas sheets are uniform in size, the larger the area covered the smaller the scale of the map. The scale of the full-degree sheet is 1:250000, that of the 30′ sheet is 1:125000, and that of the 15′ sheet 1:62500. A sheet is designated by the name of some well-known place or feature appearing on it, and the names of adjoining published sheets are printed on the margins. The maps are engraved on copper and printed from stone, in three colors. The cultural features, such as roads, railroads, cities, towns, etc., as well as all lettering, are in black; all water features are printed in blue; while the hill features are shown by brown contour lines. The contour interval varies with the scale of the map and the relief of the country. Maps of limited areas economically important are sometimes published which are not in conformity with the general scheme outlined above: these are called *special maps*.

The progress of this work in Oregon and Washington is shown on the index map within. Each of the rectangles outlined in color shows the location and area of a quadrangle of which a topographic survey has been made. The name of the resulting atlas sheet, when published, is also shown, and its scale is indicated by the size of the rectangle; thus it appears that all three scales are used and that the larger rectangles indicate the smaller scale sheets and the smaller rectangles the larger-scale sheets. Each of the atlas sheets represented by the larger rectangles shows a tract (quadrangle) 1° in extent each way (one "square degree"), or about 3525 square miles, the area varying with the latitude. The scale is 1:250000, or about four miles to one inch, and the contour interval is 200 feet. Each of the sheets represented by the rectangles intermediate in size shows a quadrangle 30′ in extent each way (one-fourth of a "square degree"), or from 789 to 885 square miles. The scale is 1:125000, or about two miles to one inch, and the contour interval is 50 or 100 feet. The smallest rectangles represent atlas sheets each of which shows a quadrangle 15′ in extent each way (one-sixteenth of a "square degree"), or about 210 square miles. The scale is 1:62500, or about one mile to one inch, and the contour interval is 25 feet. Smaller rectangles within the larger ones indicate that sheets on both scales have been published for such areas. The whole number of atlas sheets published is: Oregon, 10; Washington, 11. Deducting for sheets counted twice, the total is 20.

An act of Congress approved February 18, 1897, prescribes that the maps shall be disposed of by sale. They are sold at the rate of *five cents a sheet* of standard size. When 100 or more standard topographic map sheets, or their equivalent in value in other maps, are ordered, a discount of 60 per cent will be made from the retail price; that is, 100 standard topographic map sheets will cost $2. The order may be given for that many copies of one sheet only or for that many different sheets, and, unless otherwise stated, this discount will apply also to special, general, and combined maps which may be included in the order; or the larger maps alone may be ordered; but in no case can orders be filled at the wholesale rate unless the sum remitted solely for topographic maps amounts to at least $2. Prepayment is required, and may be made by money order payable to the order of the Director of the United States Geological Survey, or in cash — the exact amount. **Checks, foreign coin, and postage stamps can not be accepted.**

When maps ordered are not in stock the right is reserved to substitute other sheets rather than return very small sums of money by mail, unless directions to the contrary are given in the order. *Name of county should be included in post-office address.*

The Survey does not mount any of its maps which are for sale.

All correspondence should be addressed to—

THE DIRECTOR,
UNITED STATES GEOLOGICAL SURVEY,
WASHINGTON, D. C.