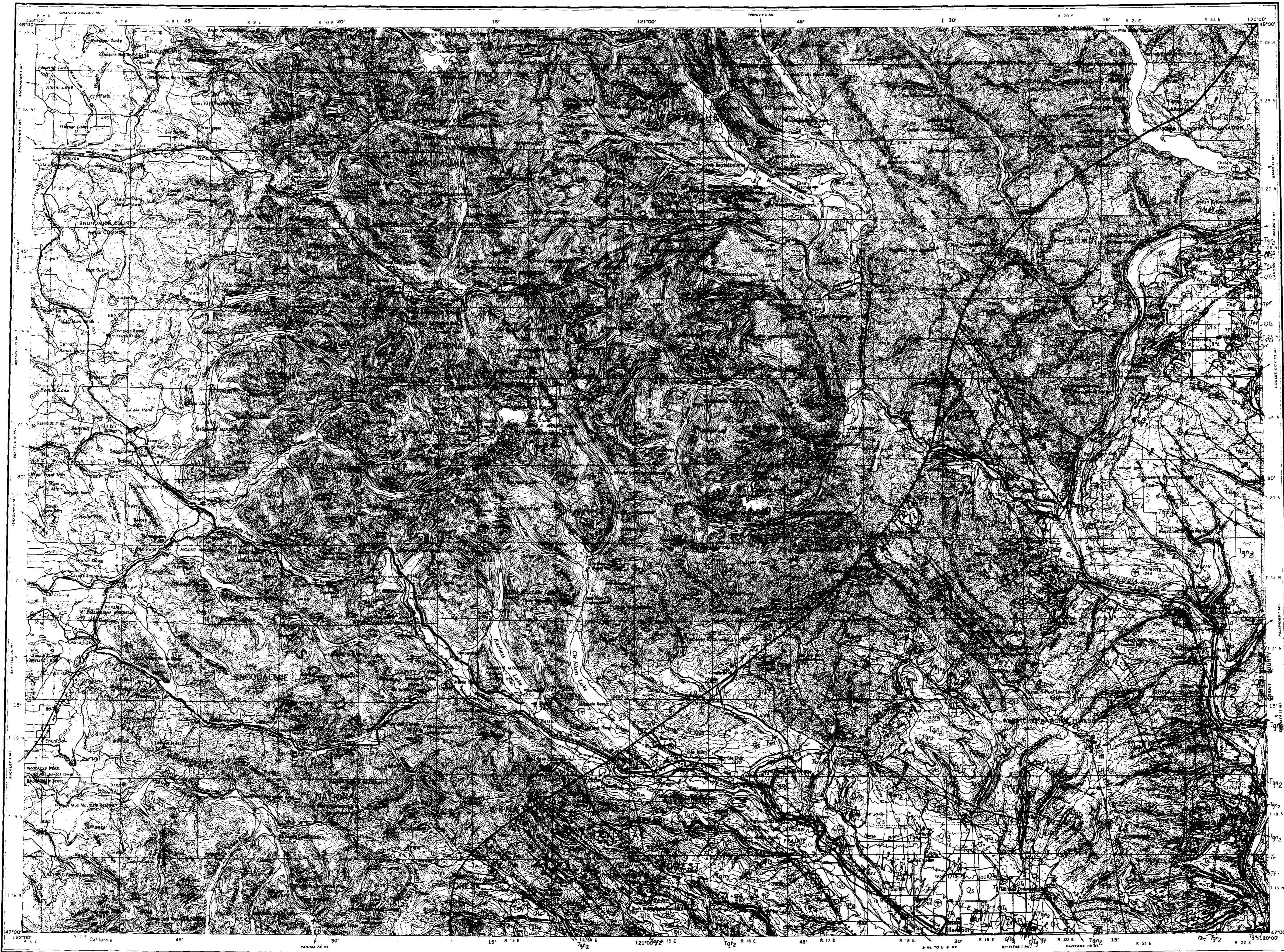


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Prepared by the Army Map Service (H&M), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1958 by photogrammetric methods and from United States Quadrangles 1:24,000 USGS, 1953. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by US&GS, USGS and CE. Photographic field annotated 1957. Limited revision by U. S. Geological Survey, 1965.

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

LEGEND PARTIALLY REVISED 1963

ROAD DATA 1957

POPULATED PLACES

LOS ANGELES	ROADS	1 LANE 4 LANE
OMAHA	Hard surface, heavy duty	2 LANE 3 LANE
GALVESTON	More than two lanes wide	
Laramie	Two lanes wide, Federal route marker	
Grand Coulee	Hard surface, medium duty	
Sun Valley	More than two lanes wide	
	Two lanes wide, State route marker	
	Impaved dirt duty	
	Unimproved dirt	

Other symbols include: Landmarks: School, Church, Other; Elevation: Spot elevation in feet; Airport: Landing area; Station: Station gauge; Pipeline: Pipeline; Well: Well; Boundary: Boundary of city, county, etc.

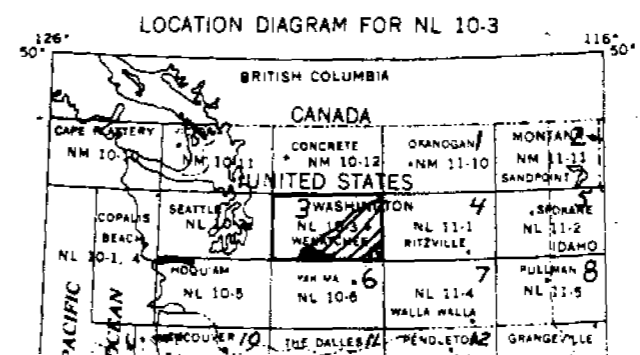
Scale 1:250,000

30 Statute Miles / 15 Nautical Miles / 30 Kilometers

CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

180 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 22°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 21°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.



Units of Columbia River Basalt Group mapped in 1976-78 and shown in greater detail by Tabor and others (in press) in area south of Wenatchee and east of Roslyn. Other geology simplified and generalized from Clayton (1977), Tabor and others (in press), R.W. Tabor and V.A. Frizzell, Jr. (with Commun, 1978), P.E. Hammond (with Commun, 1978), and Bentley (1977).

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Responsibility map

- Swanson and Byerly
- Swanson, Byerly, and Bentley
- Bentley and Swanson

WENATCHEE, WASHINGTON  
1957  
LIMITED REVISION, 1963

### RECONNAISSANCE GEOLOGIC MAP OF THE COLUMBIA RIVER BASALT GROUP IN EASTERN WASHINGTON AND NORTHERN IDAHO

BY D.A. SWANSON, J.L. ANDERSON, R.D. BENTLEY, G.R. BYERLY, V.E. CAMP, J.N. GARDNER, AND T.L. WRIGHT