



V502, EDITION 4  
 Prepared by the U.S. Army Topographic Command (KCDV), Washington, D.C. Compiled in 1958 from United States quadrangles, 1:17,000, 1:20,000, 1:24,000, 1:25,000, 1:48,000, 1:50,000, and 1:62,500, 1949-56; NOS charts, 1942-57. Planimetry partially revised from aerial photographs taken 1956-57. Map field checked 1958. Revised in 1974 by the U.S. Geological Survey from aerial photographs taken 1973.  
 Selected hydrographic data compiled from NOS charts. This information is not intended for navigational purposes.  
 100,000-foot grids based on Washington coordinate system, south zone, and Oregon coordinate system, north zone.  
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

**LEGEND**

Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Less than 1,000

**ROADS**

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Trail or dry weather, unimproved surface
- Interchange
- Grand Coulee
- Sun Valley Route markers: Interstate, U.S., State

**RAILROADS**

- Single track Double or Multiple
- Narrow gauge

**LANDMARKS**

- School; Church; Other
- Depth curve in feet
- Limit of danger; Reef
- Shoals; Rocks; Wash
- Foreshore flat
- Intermittent or dry stream
- Woods; brushwood
- Marsh or swamp

**BOUNDARIES**

- International
- State
- County
- Park or reservation
- Mine
- Spot elevation in feet

**Other symbols:** Landplane airport, Landing area, Seaplane airport, Seaplane anchorage, Power line, 22' Woods/brushwood, Marsh or swamp

Scale 1:250,000

5 10 15 20 25 30 Statute Miles

5 10 15 20 25 30 Kilometres

5 10 15 20 25 30 Nautical Miles

**CONTOUR INTERVAL 200 FEET**  
**WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS**

**TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 10

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 21° 00' WEST TO 21° 00' EAST FOR THE CENTER OF THE WEST EDGE TO 21° 15' WEST TO 21° 15' EAST FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

**LOCATION DIAGRAM**

The diagram shows the map's location within the Pacific Northwest, highlighting the states of British Columbia, Canada, Washington, Oregon, and Idaho. It also shows the Pacific Ocean to the west and the 49th parallel north.

**SECTIONIZED TOWNSHIP**

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

**GRID ZONE DESIGNATION**

10T

**100,000 M SQUARE IDENTIFICATION**

DH	EH
DG	EG
DF	EF

**10 TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES**

**SAMPLE POINT: SAMPT URBAN**

1. Read letters identifying 100,000 metre square in which the point lies

2. Locate first vertical grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself

3. Estimate tenths from grid line to point

4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself

5. Estimate tenths from grid line to point

**SAMPLE REFERENCE:** E20951

If reporting beyond 18" in any direction, prefix Grid Zone Designation, as: 10TFC20951

**HOQUIAM, WASHINGTON; OREGON**

1958  
 REVISED 1974

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