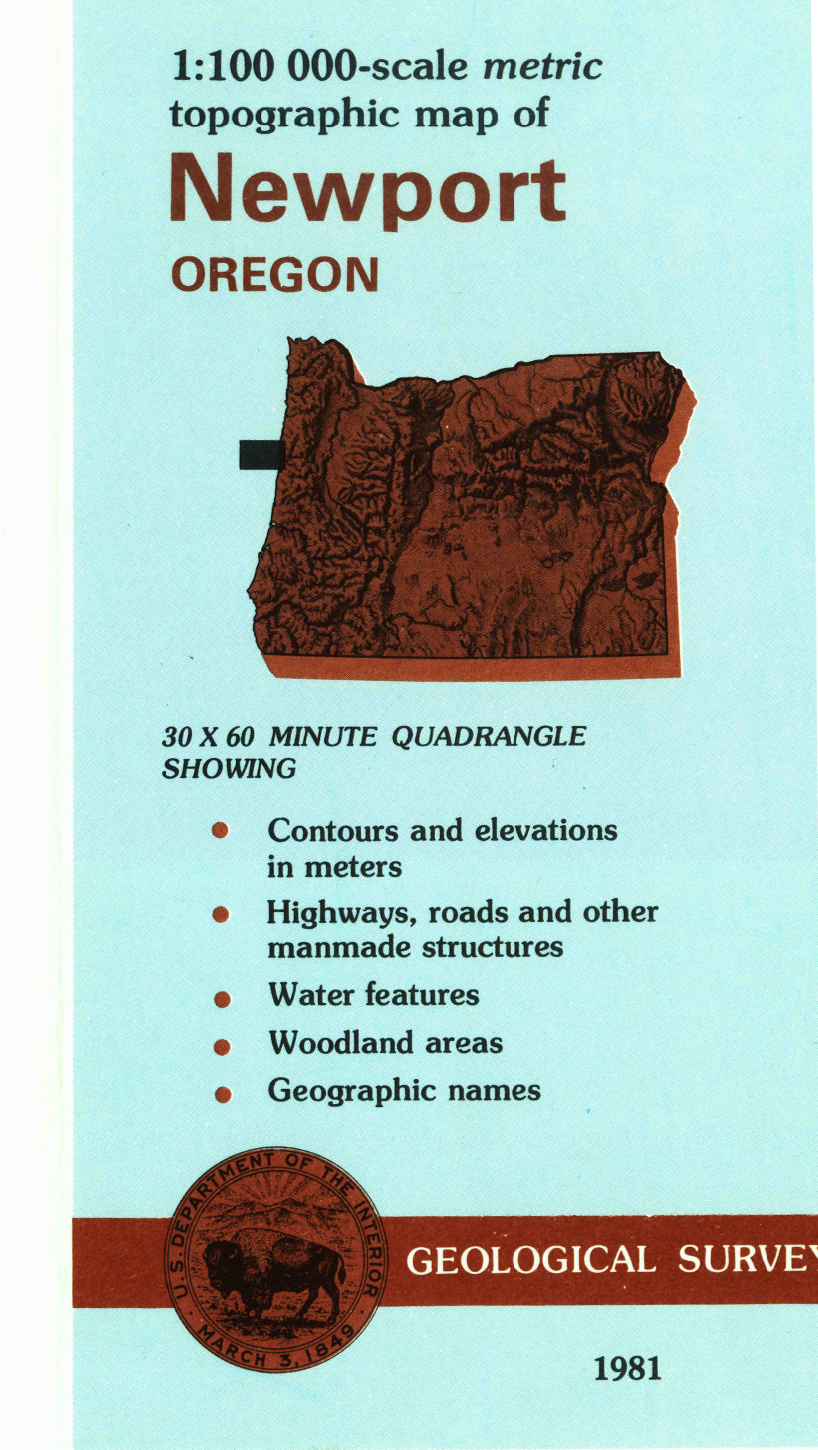




Produced by the United States Geological Survey

Compiled from USGS 1:62 500-scale topographic maps dated 1957. Planimetry revised from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1981

Projection and 10 000-meter grid, zone 10,  
Universal Transverse Mercator  
25 000-foot grid ticks based on Oregon coordinate system,  
north zone. 1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 24 meters north and 98 meters east

Offshore protraction survey data, printed in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of the BLM Outer Continental Shelf Official Protraction Diagrams dated 1976 and 1978. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protraction Diagrams available from the Bureau of Land Management.

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

**CONVERSION TABLE**

| Meters | Feet    |
|--------|---------|
| 1      | 3.2808  |
| 2      | 6.5617  |
| 3      | 9.8425  |
| 4      | 13.1234 |
| 5      | 16.4042 |
| 6      | 19.6850 |
| 7      | 22.9659 |
| 8      | 26.2467 |
| 9      | 29.5276 |
| 10     | 32.8084 |

To convert meters to feet  
multiply by 3.2808

To convert feet to meters  
multiply by 0.3048

**DECLINATION DIAGRAM**

The diagram shows a vertical line labeled 'GN' (Grid North) and a line labeled 'MN' (Magnetic North) tilted to the right. The angle between them is '1°03'' (1 degree 3 minutes). Below the GN line, the distance '19 MILS' is indicated. Below the MN line, the distance '347 MILS' is indicated.

UTM grid convergence  
(GN) and 1981 magnetic  
declination (MN)  
at center of map  
Diagram is approximate

**ADJOINING MAPS**

|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

1  
Yanhill River  
5  
Corvallis  
7  
Waldport  
8  
Eugene

OR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80219  
OR RESTON, VIRGINIA 22092

## Topographic Map Symbols

primary highway, hard surface  
secondary highway, hard surface  
light duty road, principal street, hard or improved surface  
other road or street, rural  
water marker, transverse; U. S.; State;  
roadbed: standard gage, narrow gage  
ridge, overpass, underpass  
canal: road, railroad  
ridge, overpass, underpass  
salt up area; locality; elevation  
port, landing field, landing strip  
international boundary  
county boundary  
national or State reservation boundary  
international boundary  
and grant boundary  
U. S. public lands survey: range, township; section  
range, township; section line: protected  
water transmission line; pipeline  
canal, dam with lock  
metemetry, building  
drillmill; water well; spring  
line shaft; adit or cave; mine, quarry, gravel pit  
impoundment, picnic area; U. S. location number  
mine; shaft; drift dwelling  
contaminated surface: strip mine, lava; sand  
symmetric; index; intermediate; supplementary  
asymmetric; index; index; intermediate  
thematic; lake; perennial; intermittent  
springs, large and small; falls, large and small  
subject to be submerged; marsh, swamp  
and subject to controlled inundation; woodland  
marsh; meadow  
channel; viewshed

A pamphlet describing topographic maps is available on request.