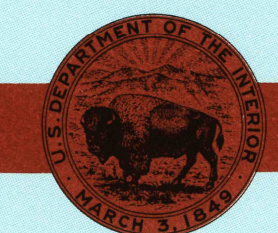




30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1980

Produced by the United States Geological Survey

Compiled from USGS 1:62 500-scale topographic maps dated 1956. Planimetry revised from aerial photographs taken 1976, 1978, and other source data. Revised information not field checked. Map edited 1980.

Projection and 10 000-meter grid, zone 10, Universal Transverse Mercator.

25 000-foot grid ticks based on Oregon coordinate system, south and north zones. 1927 North American Datum.

To place on the predicted North American Datum 1983 move the projection lines 24 meters north and 98 meters east.

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

CONTOUR INTERVAL 50 METERS
 SUPPLEMENTARY CONTOUR INTERVAL 25 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

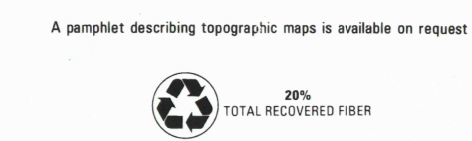
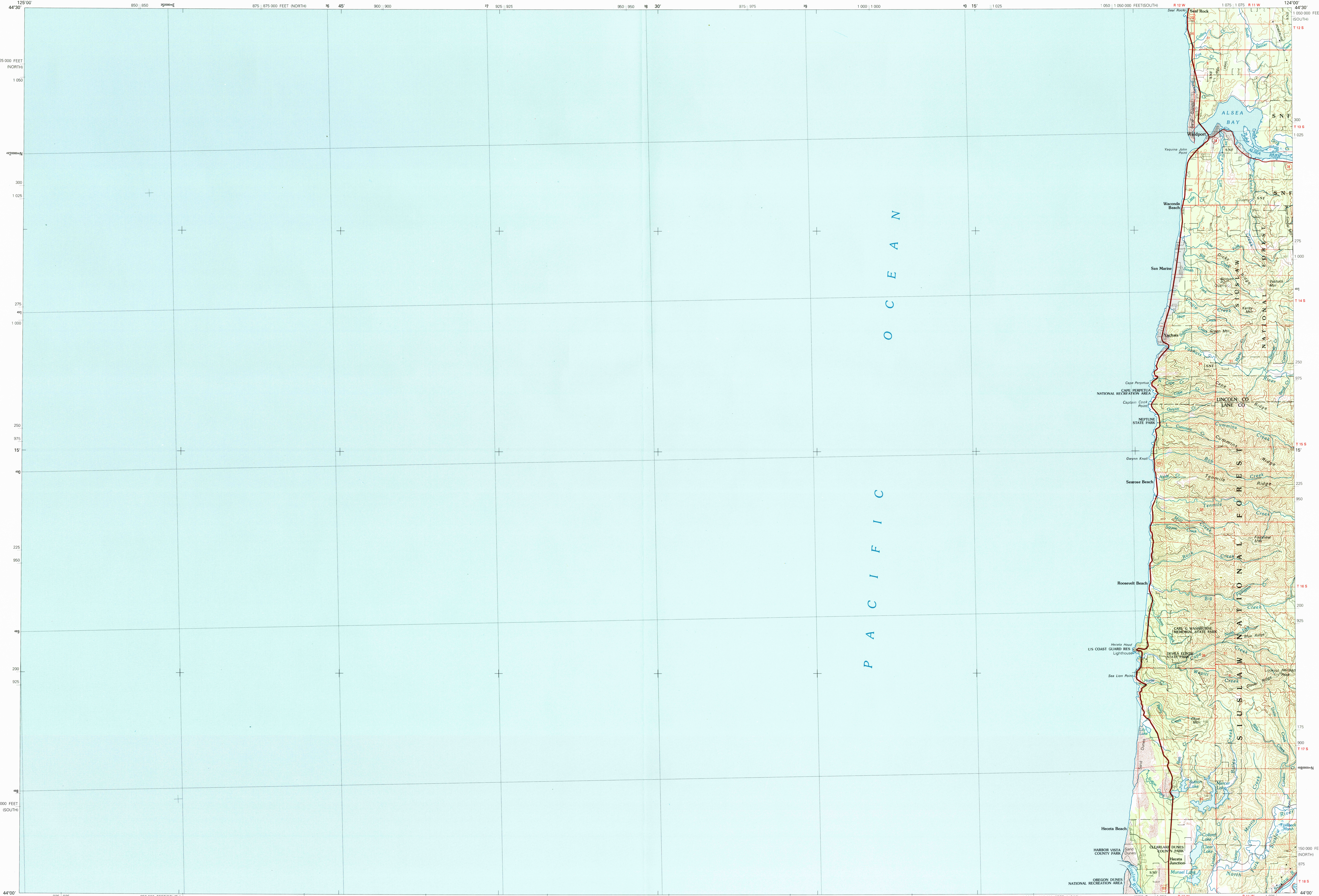
FOR SALE BY U.S. GEOLOGICAL SURVEY
 P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet	<p>UTM grid convergence (GN) and 1980 magnetic declination (MD) at center of map. Diagram is approximate.</p>	1 2 3
1	3 2808		4 5
2	6 867		6 7 8
3	9 8425		
4	13 124		
5	16 4042		
6	19 6839		
7	22 9636		
8	26 2433		
9	29 5230		
10	32 8028		

RECEIVED
 DEC 31 2000
 USGS NWL
 HISTORICAL MAP ARCHIVES

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U. S., State
- Railroad: standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel: road, railroad
- Both up area; locality, elevation
- Airport: landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township; section
- Range, township; section line, protracted
- Power: transmission line, pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake; perennial; intermittent
- Rapids, large and small; falls, targe and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard



A pamphlet describing topographic maps is available on request