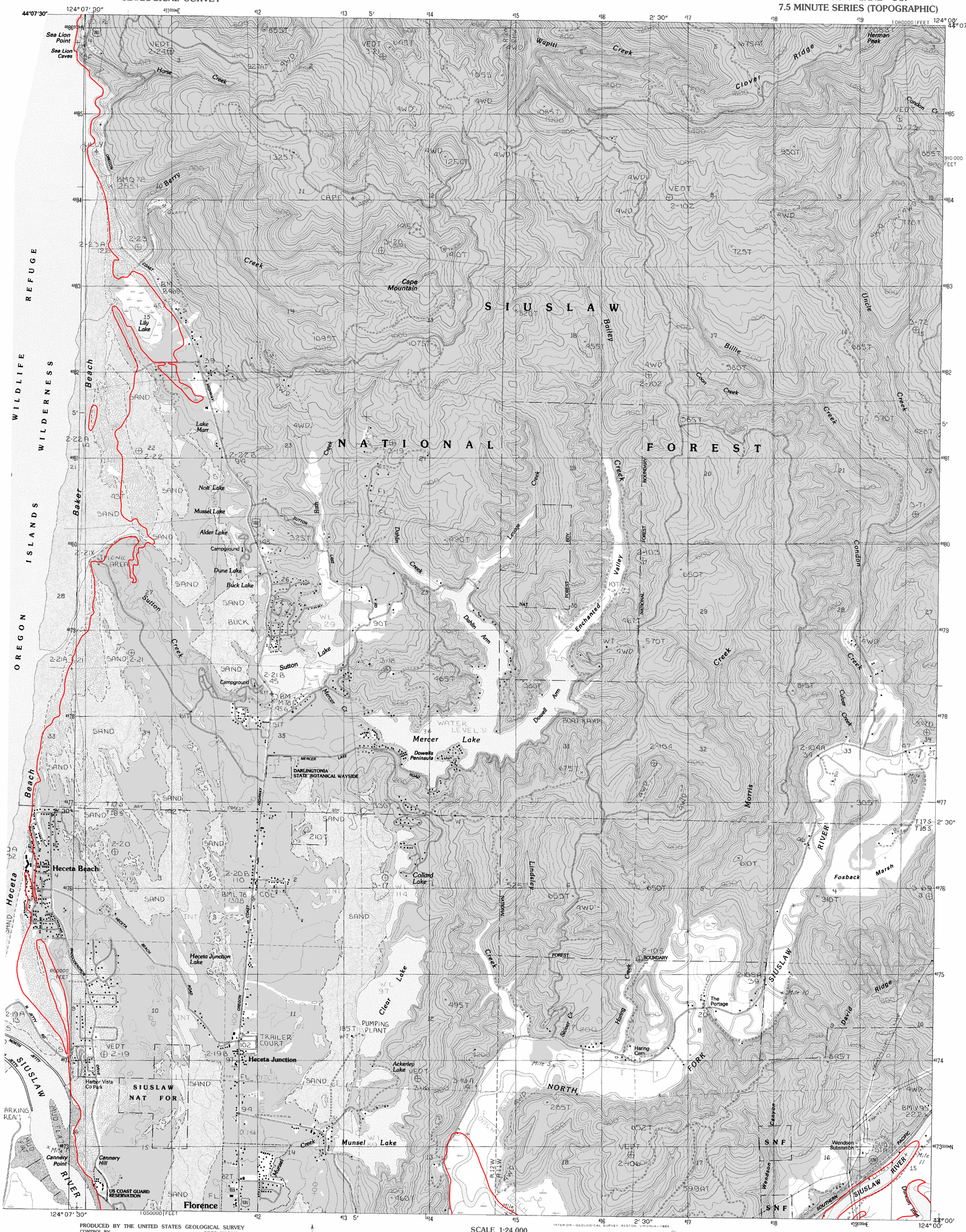
STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
DONALD A. HULL, STATE GEOLOGIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MERCER LAKE QUADRANGLE
OREGON—LANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1975-76, 1978
FIELD CHECKED ..... 1979. MAP EDITED ..... 1984
PROJECTION ..... LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 10
10,000-FOOT STATE GRID TICKS .....OREGON, SOUTH ZONE
UTM GRID DECLINATION ..... 0°44′ WEST
1980 MAGNETIC NORTH DECLINATION ..... 19°30′ EAST
VERTICAL DATUM ... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks ( 23 meters north / 98 meters east )

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 .5 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

NORTH

OREGON
QUADRANGLE LOCATION

**PROVISIONAL MAP**
Produced from original manuscript drawings. Information shown as of date of field check.

CONTOUR INTERVAL 40 FEET
SUPPLEMENTARY CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 6 FEET

| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 1 Heceta Head<br>2 Cummins Peak<br>3<br>4<br>5 Tierman<br>6 Goose Pasture<br>7 Florence<br>8 Goodwin Peak |
| 4 | | 5 | |
| 6 | 7 | 8 | |

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

MERCER LAKE, OREG.
PROVISIONAL EDITION 1984

44124–A1–TF–024

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

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

# Open File Report O-95-35
# Tsunami Hazard Map of the Mercer Lake Quadrangle, Lane County, Oregon

**Tsunami inundation boundary**
upper limit of area expected to be covered by flood water from a tsunami caused by a magnitude 8.8 undersea earthquake

*See accompanying text for use of this map, mapping methodology, and acknowledgments.*


**Mapping by:**

George R. Priest, Oregon Department of Geology and Mineral Industries, October-November, 1995.