

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

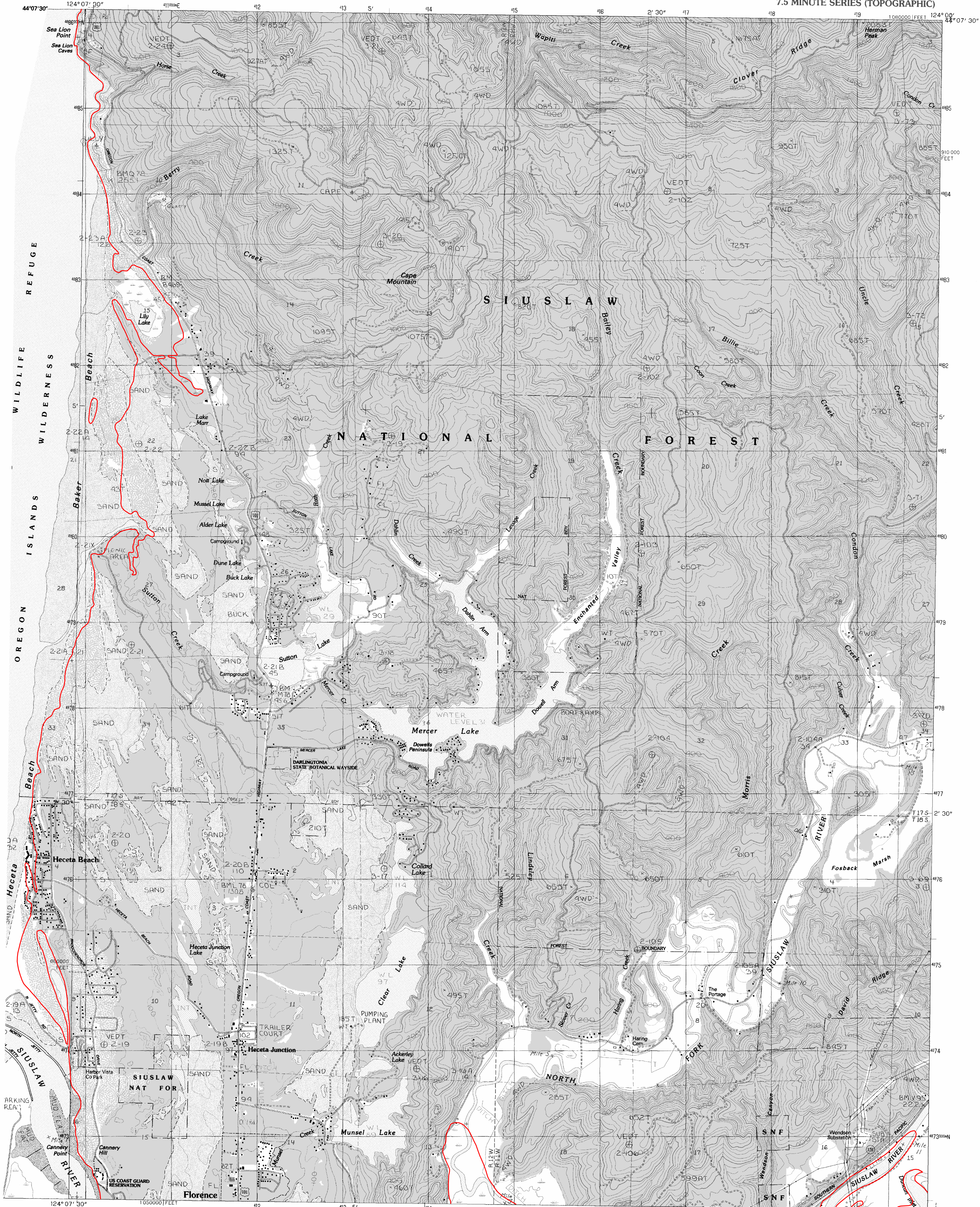
MERCER LAKE QUADRANGLE
OREGON—LANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

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.



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, NOS/NOA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1975-76, 1978
FIELD CHECKED 1979, MAP EDITED 1975-76, 1978
PROJECTION LAMBERT CONFORMAL CONIC
GRID: 100-METER UNIVERSAL TRANSVERSE MERCATOR, ZONE 10
10,000-FOOT STATE GRID TICKS OREGON, SOUTH ZONE
UTM GRID DECLINATION 1984
1980 MAGNETIC NORTH DECLINATION 1979
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

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.

CONTOUR INTERVAL 40 FEET
SUPPLEMENTARY CONTOUR INTERVAL 50 FEET
CONTING. ELEVATIONS SHOWN TO THE NEAREST 50 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 4 FEET

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

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

MERCER LAKE, OREG.
PROVISIONAL EDITION 1984

44124-A1-TF-024