

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

GEARHART QUADRANGLE
OREGON—CLATSOP CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

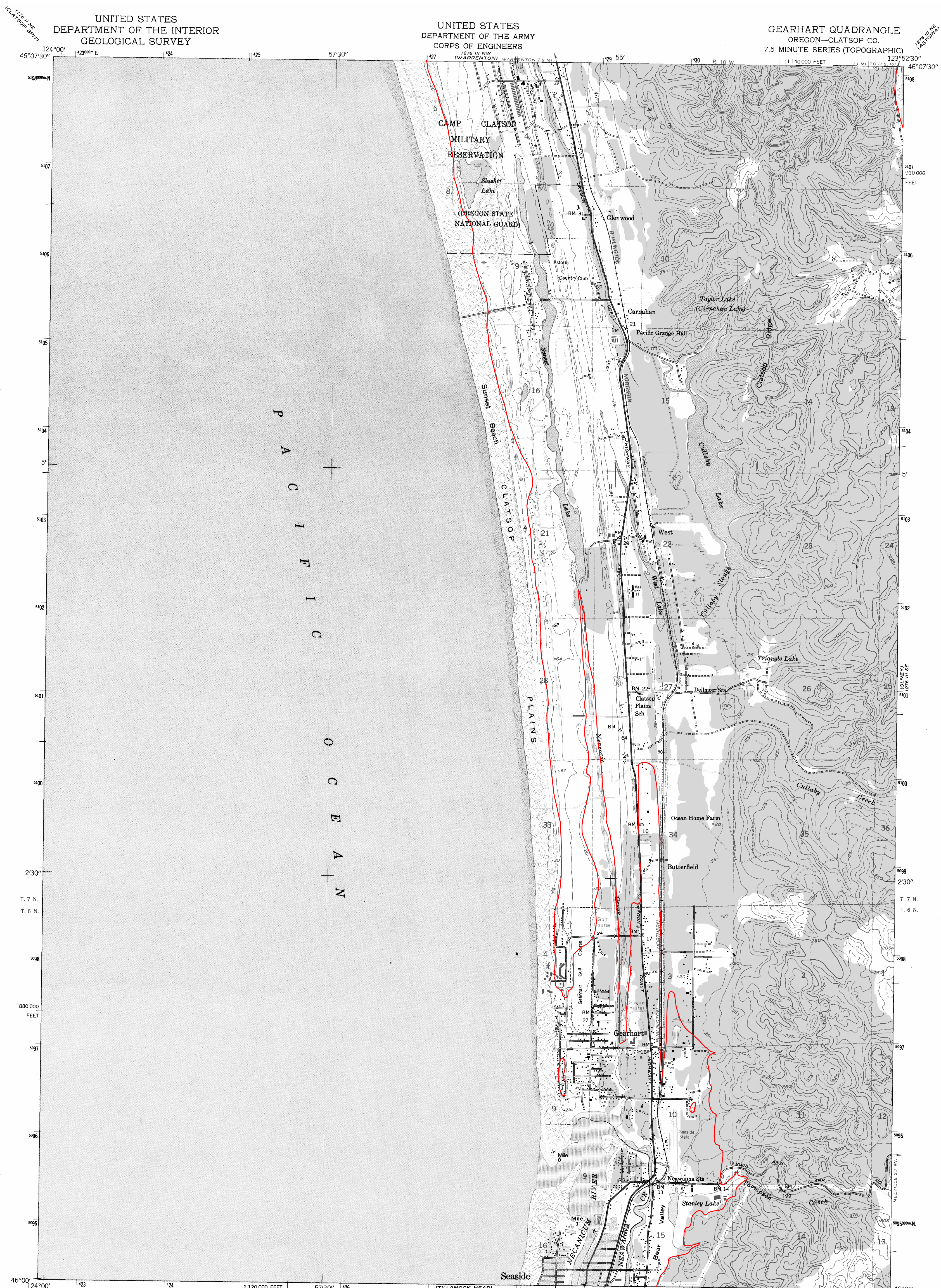
**Open File Report
O-95-13
Tsunami Hazard Map of
the Gearhart Quadrangle,
Clatsop County, Oregon**

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

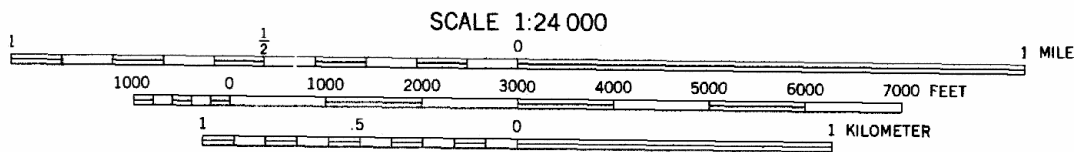
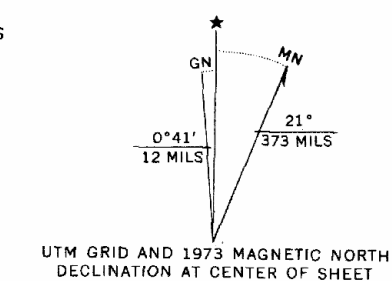
See accompanying text for use of this map, mapping
methodology, and acknowledgments.

Mapping by:

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



Mapped by the Army Map Service
Published for civil use by the Geological Survey
Control by USC&GS, USCE, Oregon Geodetic Society,
and Pacific Power and Light Company
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1943. Field check 1949
Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system,
north zone
1000-meter Universal Transverse Mercator grid,
zone 10, shown in blue
To place on the predicted North American Datum 1983,
move the projection lines 24 meters north and
97 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map



CONTOUR INTERVAL 50 FEET
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 8 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy-duty 4 LANE 16' 6" LIGHT DUTY 2 LANE 16' 6"
Medium-duty 4 LANE 16' 6" UNIMPROVED DIRT 2 LANE 16' 6"
U. S. Route State Route

GEARHART, OREG.
N4600-W12352.5/7.5

1949
PHOTOREVISED 1973
DMA 1276 III SW-SERIES V892

Quadrangle location indicated by asterisk on map of Oregon