

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

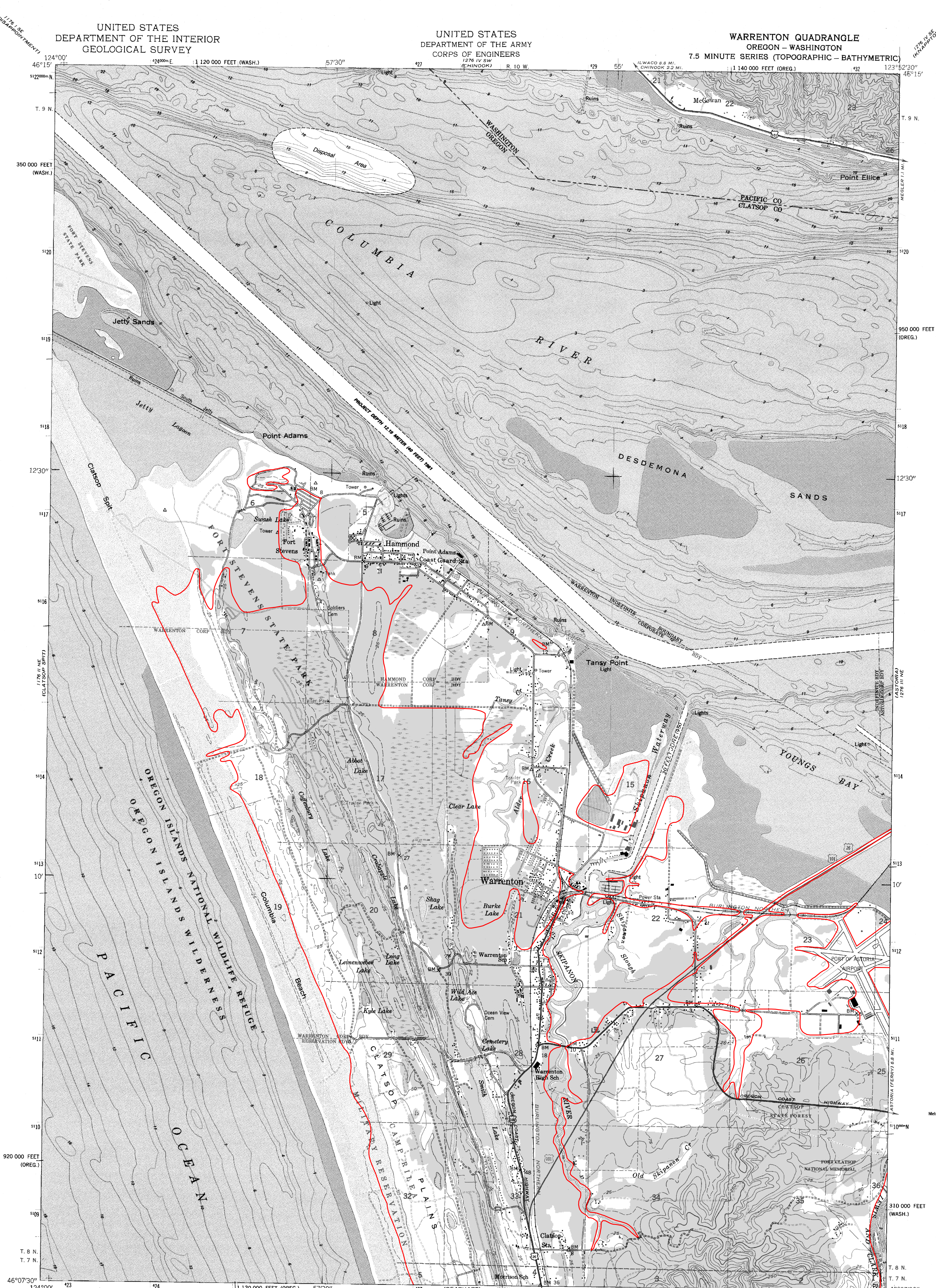
WARRENTON QUADRANGLE
OREGON - WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC - BATHYMETRIC)

Open File Report O-95-09 Tsunami Hazard Map of the Warrenton Quadrangle, Clatsop County, Oregon

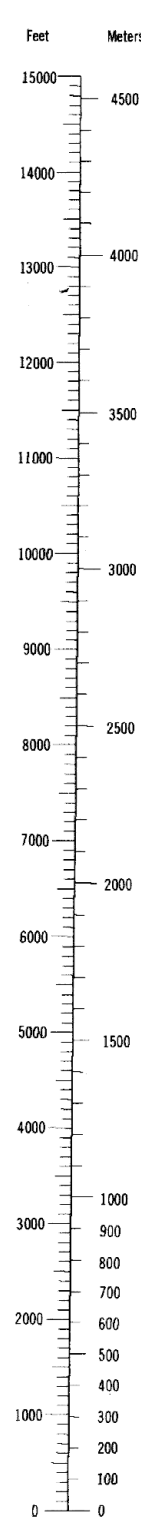
Tsunami inundation boundary
upper limit of area expected to be covered by
flood water from a tsunami caused by a
magnitude 8.8 undersea earthquake

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

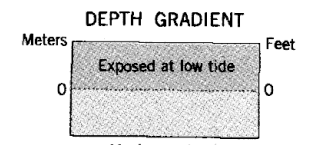
Mapping by:
George R. Priest, Oregon Department of Geology
and Mineral Industries, October-November, 1995.



CONVERSION
SCALES



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



Mapped by the Defense Mapping Agency and the
National Ocean Service
Published for civil use by the Geological Survey
Control by NOS/NOAA, USCE and Pacific Power
and Light Company
Topography from aerial photographs by multiphot
Aerial photographs taken 1943. Field checked 1953
Bathymetry compiled by the National Ocean Service from
tide-coordinated hydrographic surveys. This information is
not intended for navigational purposes
Mean low water (dotted) line and mean high water (heavy solid) line
compiled by NOS from tide-coordinated aerial photographs. Apparent
shoreline (outer edge of vegetation) shown by light solid line
Polyconic projection. 1927 North American Datum
10,000-foot grid based on Oregon coordinate system, north zone
and Washington coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
To place on the predicted North American Datum 1983,
move the projection lines 24 meters north and
27 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
Reservations shown in purple compiled by the Geological Survey
from aerial photographs taken 1981 and other sources
This information not field checked. Map edited 1984

HYDROGRAPHIC SURVEY INFORMATION			
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAT. MILES)
H-5976	1935	1:10,000	01-05
H-6417	1956	1:20,000	03-35
H-8421	1956	1:10,000	01-17
H-8422	1956	1:10,000	01-17

NOS CHART 18521 MARCH 27, 1982 1:40,000

SCALE 1:24,000
1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 15 20 25 30 35 40 KILOMETER

CONTOUR INTERVAL 50 FEET
DASHED LINES REPRESENT 25 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY
1 METER CONTOURS - DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.4 METERS

ROAD CLASSIFICATION
Heavy duty **PAVEMENT** Light-duty **PAVEMENT**
Medium duty **PAVEMENT** Unimproved dirt **PAVEMENT**
U.S. Route State Route

WARRENTON, OREG.-WASH.
46123 88-TB-024

1963
PHOTOREVISED 1984
BATHYMETRY ADDED 1984
DMA 1276 III NW - SERIES Y692

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC
ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS
AND/OR STANDARDS USED AT THE DATE OF THE SURVEY
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225,
OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1984 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

