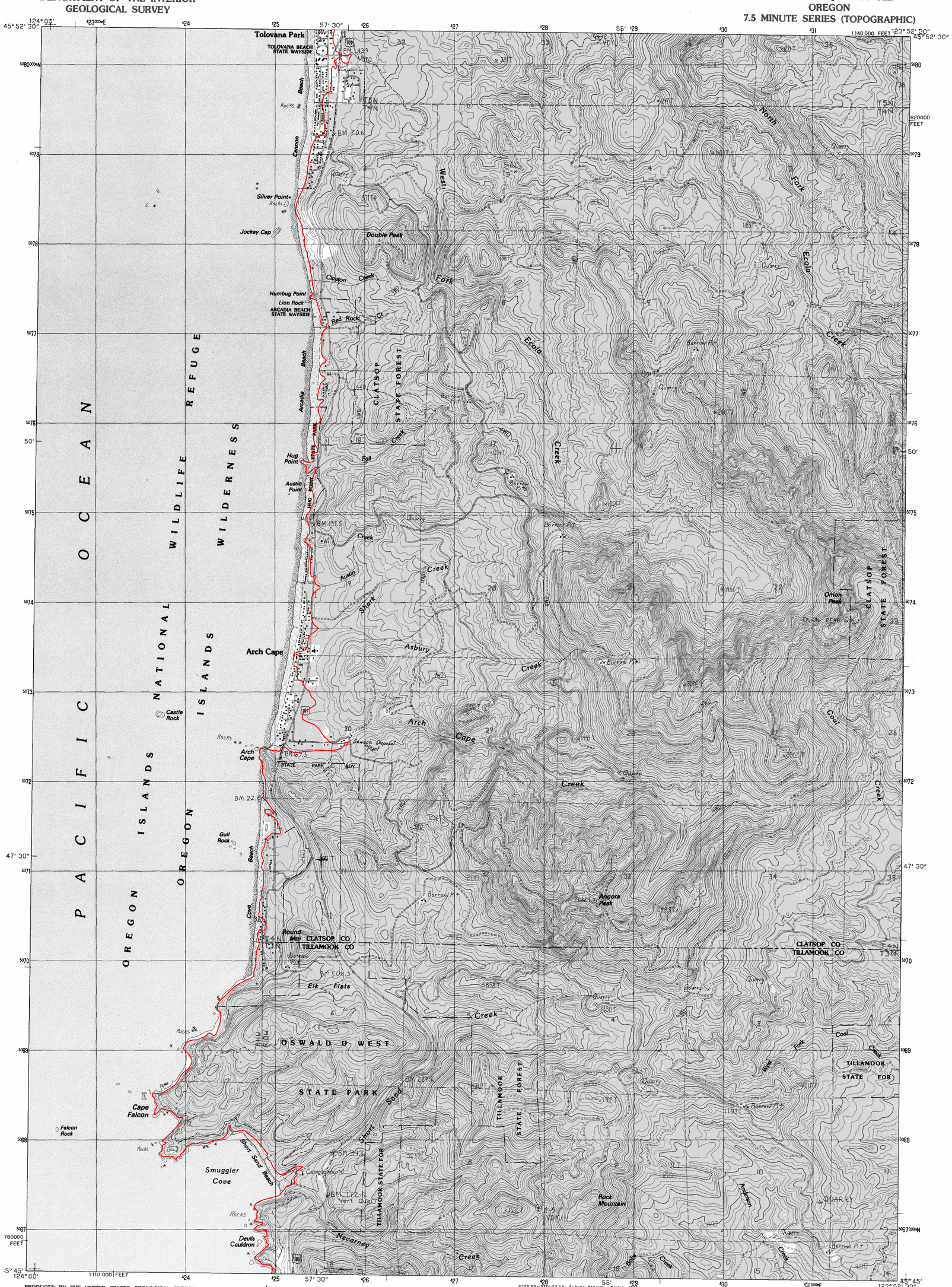
STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
DONALD A. HULL, STATE GEOLOGIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARCH CAPE QUADRANGLE
OREGON
7.5 MINUTE SERIES (TOPOGRAPHIC)




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1980
FIELD CHECKED ..... 1982 MAP EDITED ..... 1985
PROJECTION ..... LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 10
10,000-FOOT STATE GRID TICKS ..... OREGON, NORTH ZONE
UTM GRID DECLINATION ..... 0°40′ WEST
1980 MAGNETIC NORTH DECLINATION ..... 20° 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 ( 24 meters north / 97 meters east )

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

Where omitted, land lines have not been established

No distinction made between houses, barns, and other buildings

**PROVISIONAL MAP**
Produced from original manuscript drawings. Information shown as of date of photography. 1

NORTH

SCALE 1:24 000

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

CONTOUR INTERVAL 40 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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1985

OREGON
QUADRANGLE LOCATION

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | | 5 |
| 6 | 7 | 8 |

1 Tillamook Head
2 Necanicum Junction
3
4 Soapstone Lake
5
6
7 Nehalem
8 Foley Peak

ADJOINING 7.5′ QUADRANGLE NAMES

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

ARCH CAPE, OREG.
PROVISIONAL EDITION 1985
45123-G8-TF-024

# Open File Report O-95-16 Tsunami Hazard Map of the Arch Cape Quadrangle, Clatsop and Tillamook Counties, 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.