

Tsunami Hazard Map of the Florence-Siuslaw River Area, Lane County, Oregon

2007

IMS-25

Tsunami Hazard Map of the Florence-Siuslaw River Area,
Lane County, Oregon

By George R. Priest, Arun Chawla, and Jonathan C. Allan

Production of this map was supported by National Oceanic and
Atmospheric Administration requisition number NRMAH000-6-01035

NOTICE

This map cannot serve as a substitute for site-specific investigations by qualified practitioners. Site-specific data may give results that differ from those shown on the maps. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. government.

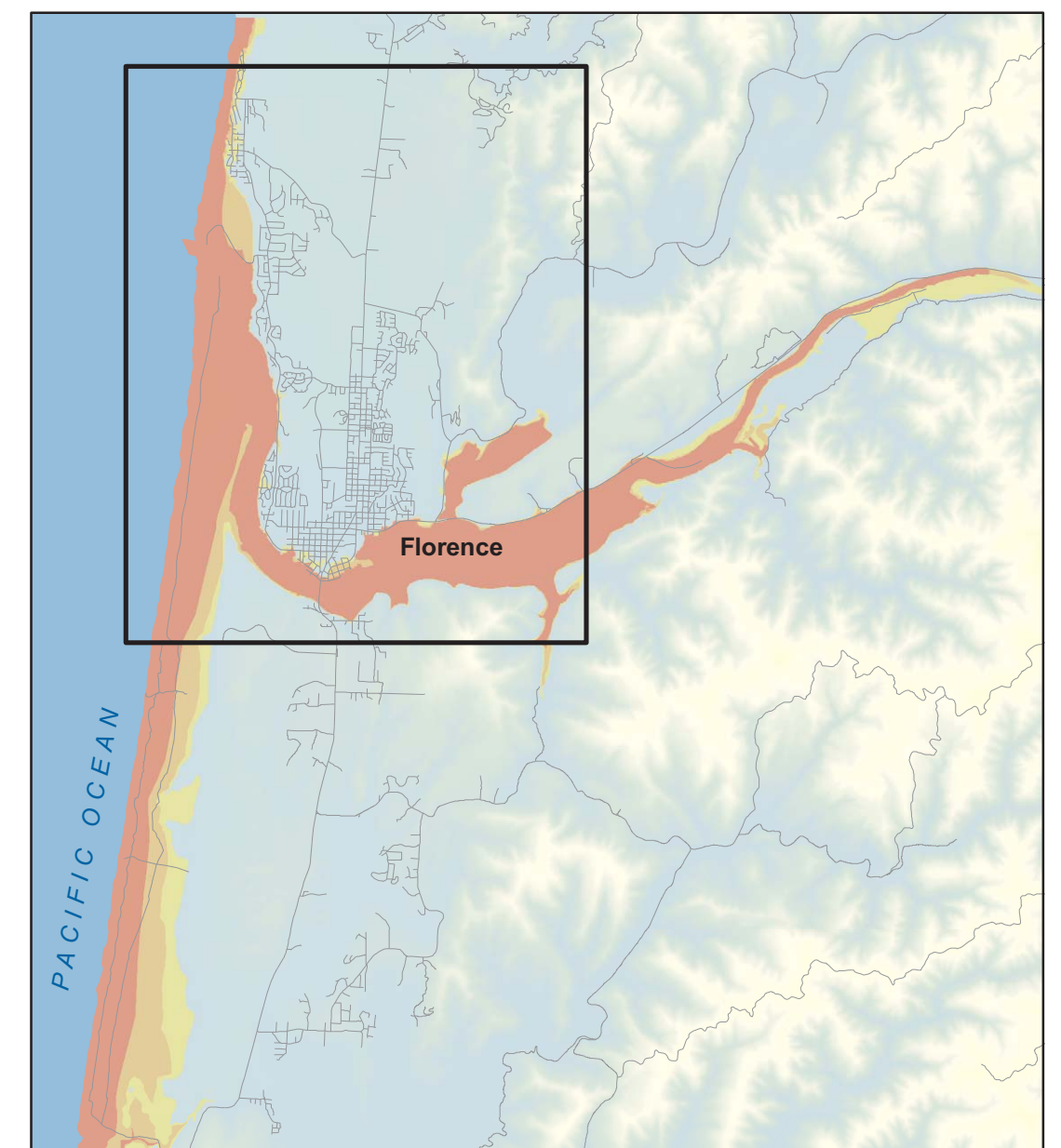
DISCUSSION

When planning evacuation routes and destinations, check with local officials for guidance. In general, one should go to the least hazardous site on the map (a noncolored area or the coolest color) by the shortest route after making sure that the route is not compromised by other earthquake hazards such as liquefaction or earthquake-induced landslides. Bridges may fail in the event of an earthquake.

See accompanying text report for explanation of hazard zones, mapping methods, and results.

HAZARD ZONES

- Low to negligible risk zone for tsunami flooding (300-600 year events)
- Moderate risk zone for tsunami flooding (300-600 year events)
- High risk zone for tsunami flooding (300-600 year events)
- Extreme risk zone for tsunami flooding (300-600 year events)



Regional extent of tsunami inundation to eastern limit of the numerical simulation. Boxed area is the mapped area.

Software used: ESRI ArcMap 9.2 and MapInfo Professional 8

Source File \\Rocks\ArcGIS\ProjectMXDs\IMS25.mxd

Map sheet reviewed by Ian P. Madin, Oregon Department of Geology and Mineral Industries.

Cartography by Rudie Watzig.

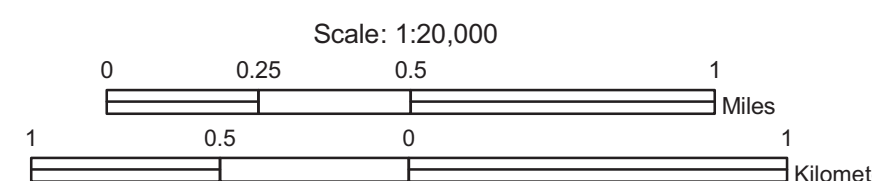
Acknowledgments: Vasily Titov, Hal Mofjeld, and Frank Gonzalez of the NOAA Tsunami Inundation Mapping Effort (TIME) reviewed the map for technical sufficiency. The map was field checked for accurate representation of topographic control of inundation by George Priest, DOGAMI; Ron Miller, Public Works Director, City of Florence; John Buchannon, Fire Chief, Siuslaw Valley Fire and Rescue; and Tom Kartrude, Port Manager, Port of Siuslaw.



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Base Photo: 2005 National Agriculture Imagery Program
(NAIP) 1 meter resolution

Projection: Oregon Lambert
International Feet, NAD 83



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