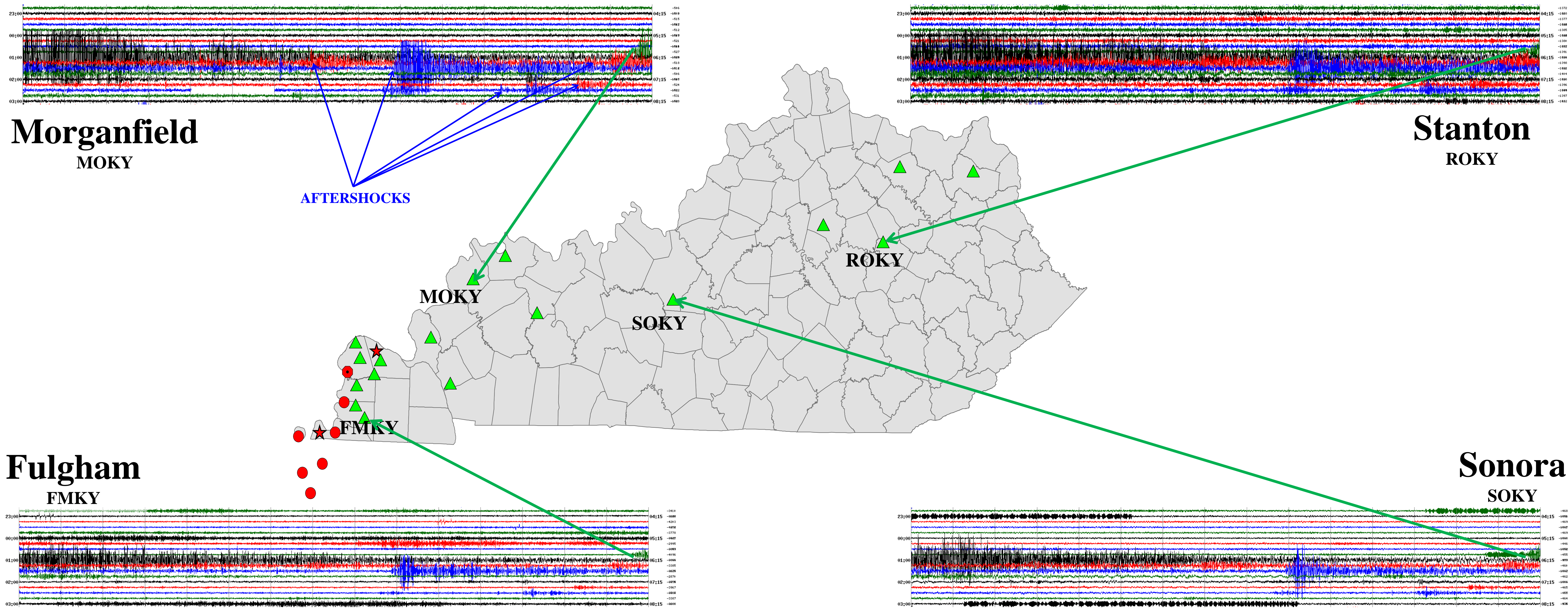


March 11, 2011 coast of Honshu, Japan earthquake (M 8.9)

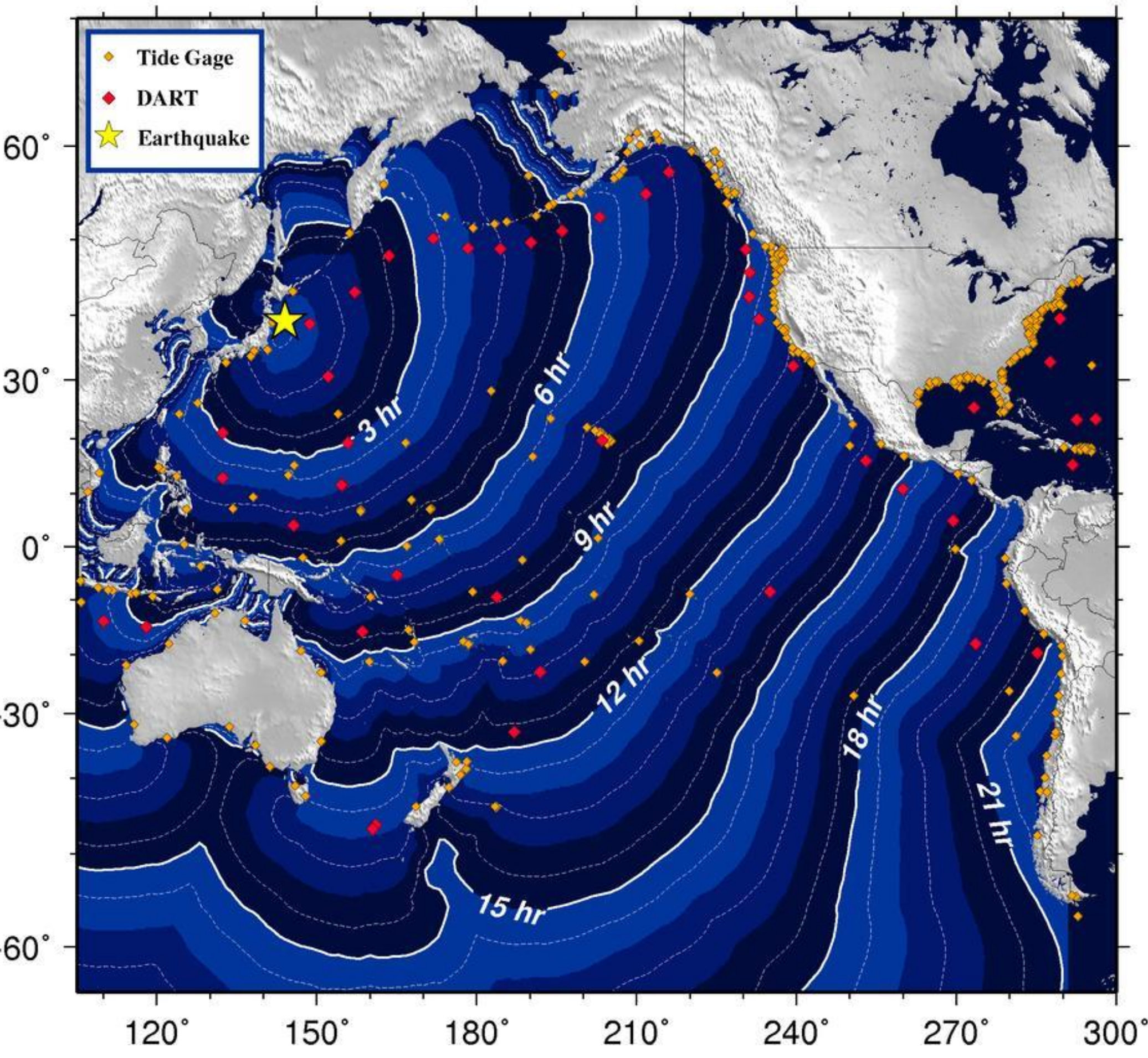
05:46:23 UTC / 00:46:23 EDT

University of Kentucky – Kentucky Geological Survey

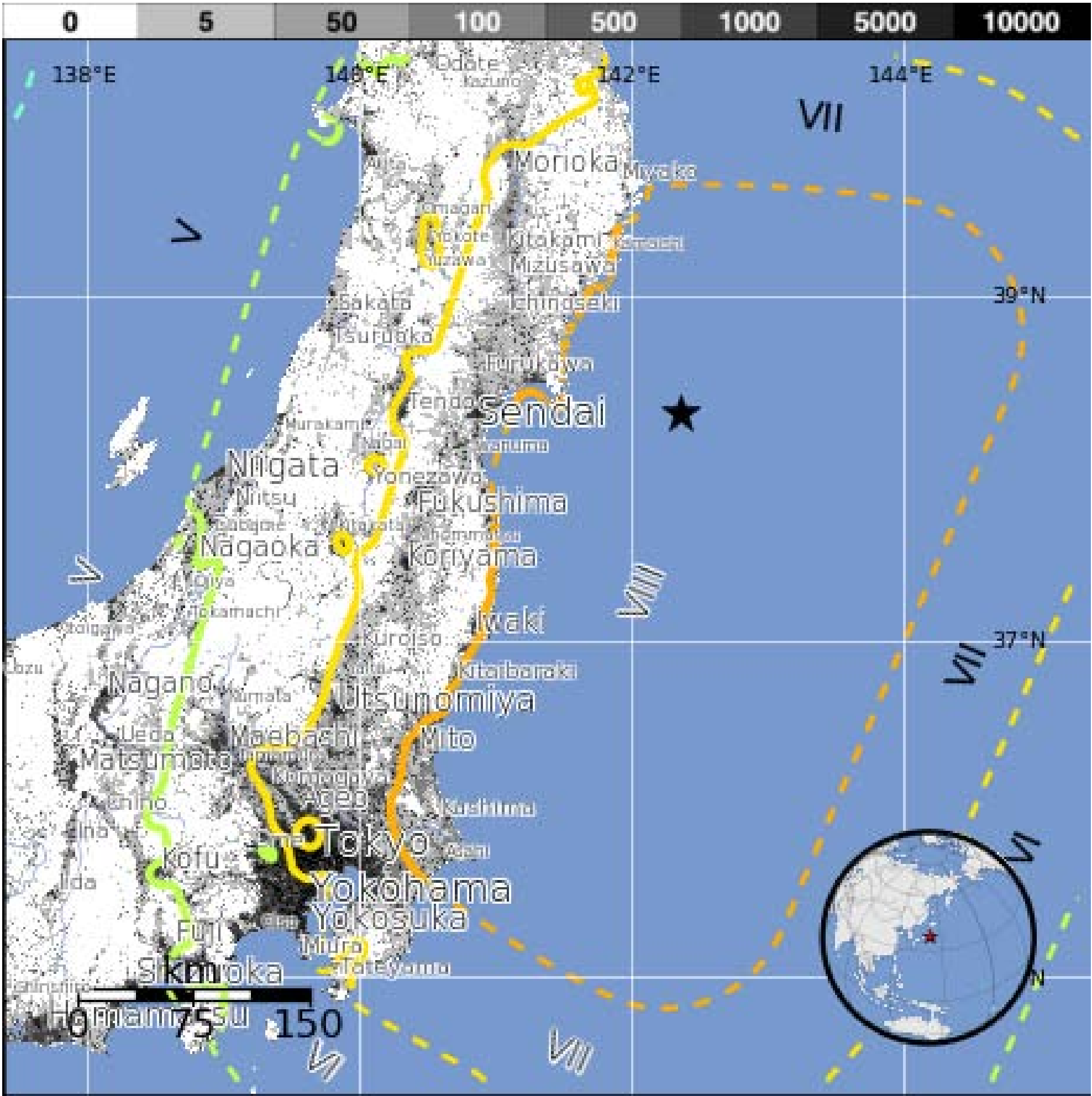
Kentucky Seismic and Strong-Motion Network



Tsunami Travel Times



Map courtesy West Coast and Alaska
Tsunami Warning Center
<http://wcatwc.aht.noaa.gov/>
DART = Deep-ocean Assessment and Reporting of Tsunami stations



Estimated Population Exposed to Earthquake Shaking

Estimated Modified Mercalli Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X
Est. Population Exposure	---	---	---	7,071k*	19,695k*	29,969k*	2,144k	0	0
Perceived Shaking	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Potential Structure Damage	Resistant	none	none	none	V. Light	Light	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within calculated shake map area

Courtesy USGS NEIC
<http://earthquake.usgs.gov/>

Selected Cities Exposed

from GeoNames Database of Cities with 1,000 or more residents.

MMI	City	Population
VII	Sendai	1,038k
VII	Chiba	920k
VII	Funabashi	561k
VII	Matsudo	470k
VII	Ichikawa	458k
VII	Utsunomiya	450k
VII	Mito	247k
VI	Tokyo	8,337k
VI	Yokohama	3,574k
VI	Morioka	295k
VI	Fukushima	294k

(k = x1,000)