ShakeAlert® Post-Alert Summary

Earthquake:

M 3.7 - 161.7 km (100.5 mi) W of Fort Bragg

ANSS origin (Local):	Not available at report time
ANSS origin (UTC):	Not available at report time
ShakeAlert alert (UTC):	2021-05-18 18:57:06.2
ANSS location:	Not available at report time
ANSS depth:	Not available at report time
ShakeAlert Event ID:	ew11185

Time To Alert After Earthquake Start:

Initial alert after origin time:	Not available
Final alert after origin time:	Not available

Magnitude Accuracy:

Initial ShakeAlert:	M 3.7
Peak ShakeAlert:	M 3.7
Final ShakeAlert:	M 3.7
ANSS report:	Not available at report time

Location Accuracy:

Initial alert:	Not available at report time
Final alert:	Not available at report time

Number of Stations Reporting:

0 within 10 km of epicenter
0 within 100 km of epicenter
4 used in final ShakeAlert update

Nearby Cities:

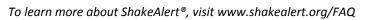| City	Distance	Warning*	MMI**
Fort Bragg	162 km (100 mi)	~46 sec	<2
Ukiah	219 km (136 mi)	~62 sec	<2
Brookings	294 km (182 mi)	~83 sec	<2
San Francisco	350 km (217 mi)	~99 sec	<2

Zone Shaken by S-wave Before Alert: Not available

Footnotes:

* Warning -- Time between alert production and arrival of the S-wave at a chosen site.

** MMI -- Modified Mercalli Intensity: a scale to measure ground shaking.

*** For earthquakes deeper than 15 km, the alert may be sent before peak shaking reaches the surface.

Disclaimer:

To learn more about ShakeAlert®, visit www.shakealert.org/FAQ
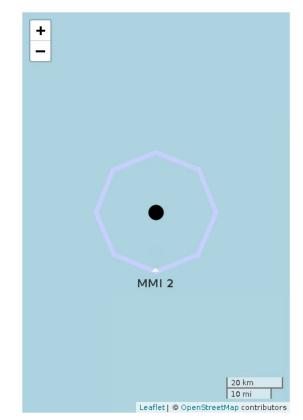

Figure 1. ShakeAlert initial earthquake location (black dot). Regional network epicenter not available. Polygon is the approximate outer range for felt ground motion. If shown***, red circle is front of peak shaking when the alert was released. Shaking takes 10 s to expand from circle to circle.

Figure 2. Polygons show shaking intensity contours for the peak magnitude ShakeAlert. Shaking of intensity 3 or less is often not felt. Regional network epicenter not available.

Report created 2021-05-18 12:02:07 (Pacific)