Post-ShakeAlert® Message Summary

Earthquake:

Advanced National Seismic System (ANSS):
M 3.1 - 12.8 km (8.0 mi) NW of Westmorland

ANSS location:	Not available at report time
ANSS depth:	Not available at report time
ANSS origin (Local):	Not available at report time
ANSS origin (UTC):	Not available at report time
ShakeAlert first Message (UTC):	2026-03-10 11:15:50.2
ShakeAlert Event ID:	ew 1773141350

ShakeAlert Messages Issued (after origin time):

Initial:	Not available
Peak:	Not available
Final:	Not available

ShakeAlert System Magnitude Estimates:

Initial:	M 3.5
Peak:	M 3.5
Final:	M 3.1

ShakeAlert System Location Accuracy:

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

Wireless Emergency Alert:

Magnitude below threshold for WEA system.
WEA alerts are distributed to the MMI 4+ area if ShakeAlert Peak M>=5.0

Number of Stations Reporting:

3 within 10 km of epicenter
64 within 100 km of epicenter
6 used in final ShakeAlert Message

Nearby Cities:

City	Distance km / (mi)	Time* sec	Shaking (MMI**)
Westmorland	13 / (8)	--	Not felt
El Centro	40 / (25)	--	Not felt
Mexicali B.C.	58 / (36)	--	Not felt
San Diego	146 / (91)	--	Not felt

Radius shaken before message release: Not available

Footnotes:

** Time -- Time from message release to predicted S-wave arrival at the location. "--" for weak or imperceptible shaking.*
*** MMI -- Modified Mercalli Intensity - a numeric shaking severity scale*
**** For earthquakes deeper than ~15 km, the ShakeAlert Message may be available before peak shaking reaches the surface.*

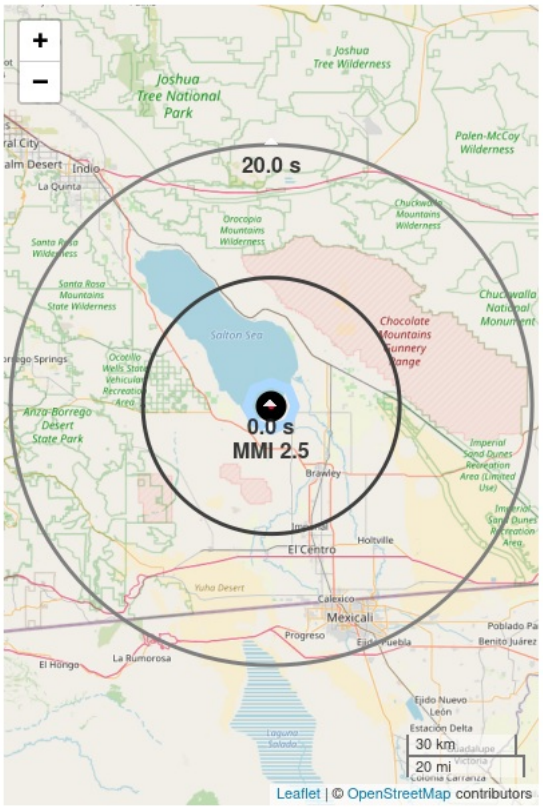

*Figure 1. ShakeAlert initial earthquake location (black dot). ANSS earthquake epicenter not available. Polygon approximates outer range for felt ground motion. If shown, red circle is front of peak shaking when the Message was released***. Shaking takes 10 s to expand from circle to circle.*

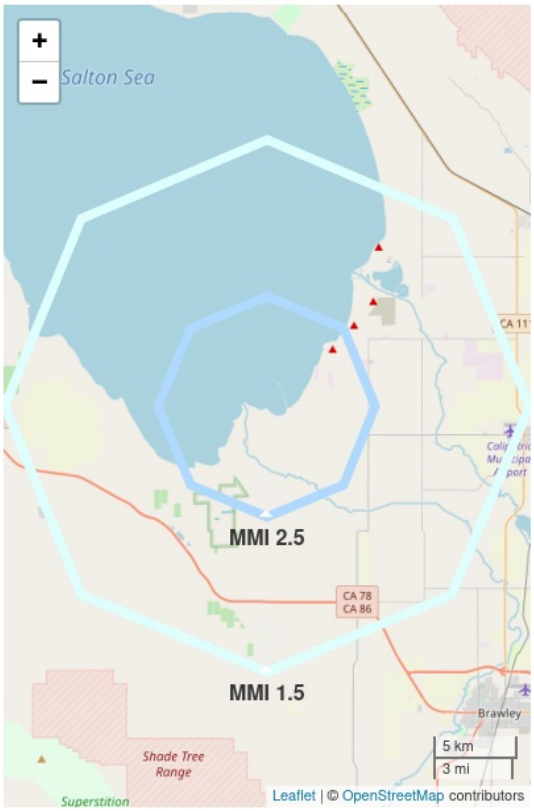

Figure 2. Polygons show shaking intensity contours for the peak magnitude estimate. Shaking of MMI 3 or less is often not felt. ANSS earthquake epicenter not available.

Disclaimer:
This information is provisional and subject to revision. It is being provided to meet the need for timely best science. The information has not received final approval by the U.S. Geological Survey (USGS) and is provided on the condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from the authorized or unauthorized use of the information.

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

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