# APPENDIX B—ShakeMaps: Intensity of earthquake ground shaking

Example A: Ridgecrest, CA—two earthquakes, 2 days apart.

2019-07-04 17:33:49 (UTC) M6.4 - Ridgecrest Earthquake, 10.5 km depth

Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
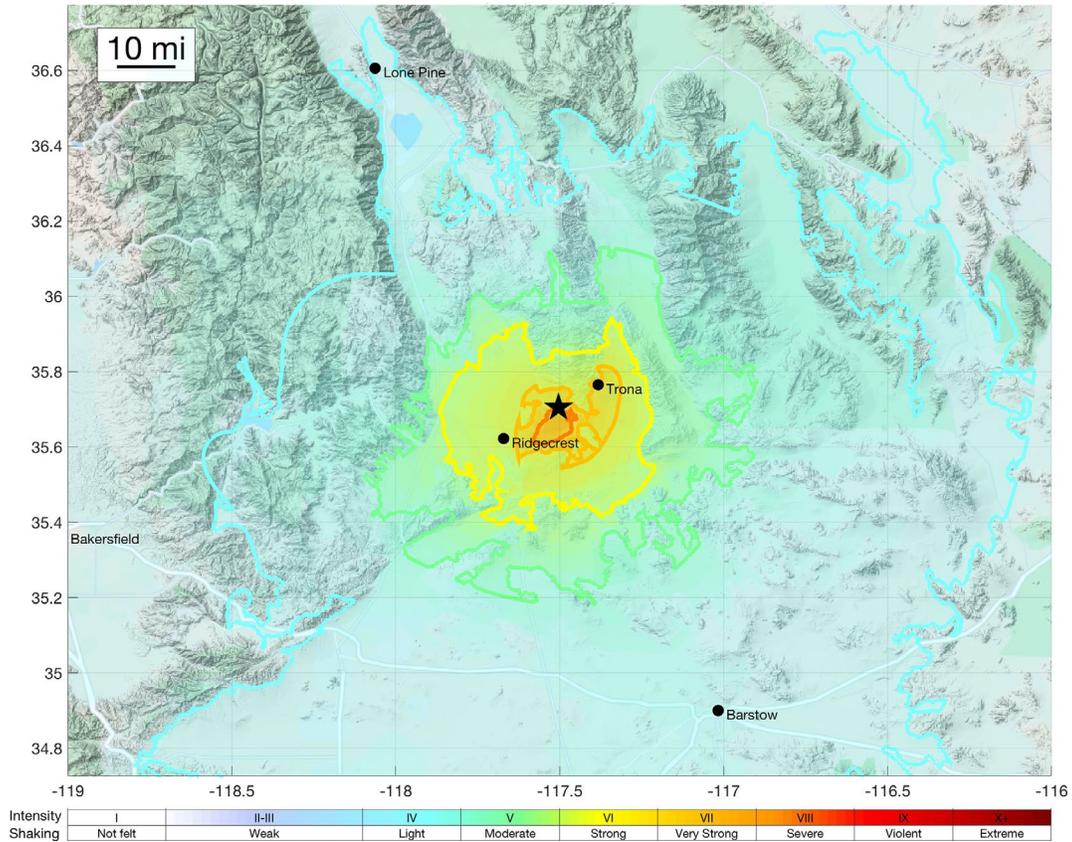
2019-07-06 03:19:53 (UTC) M7.1 - Ridgecrest Earthquake, 8 km depth

Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
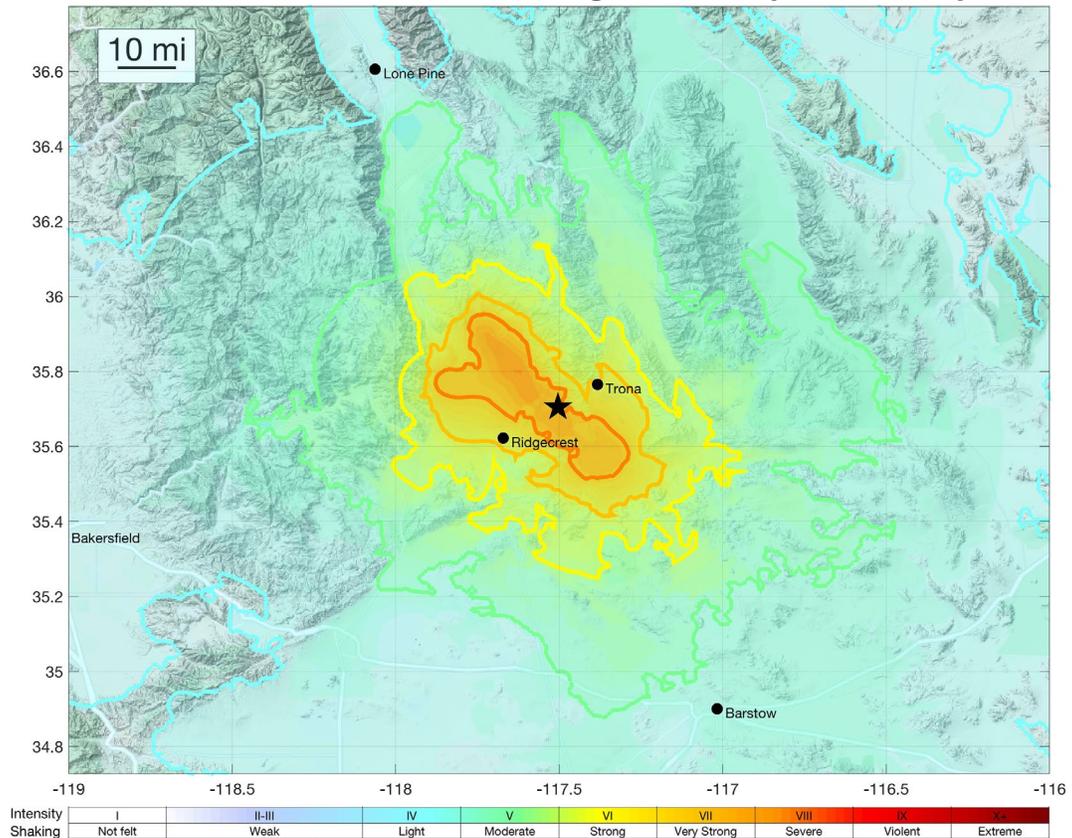
(Appendix B cont.)

Example B: M6.7 Northridge, California Earthquake January 17, 1994

1994-01-17 12:30:55 (UTC) M6.7 - Northridge, CA, 18.2 km depth

Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
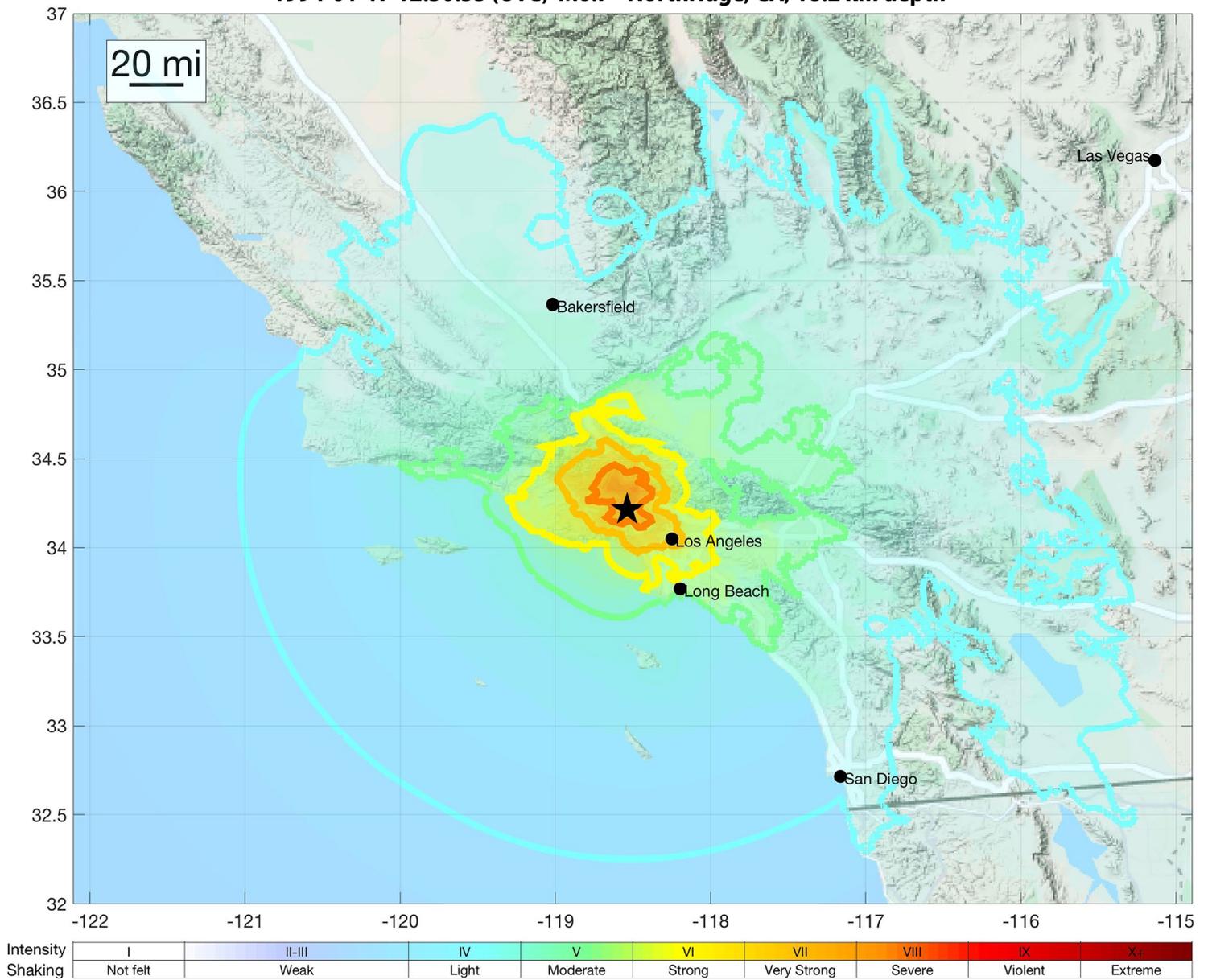
(Appendix B cont.)

Example C: Two earthquakes with similar magnitudes (M6.8 and M6.7)

2001-02-28 18:54:32 (UTC) M6.8 - Nisqually, WA   51.8 km depth

Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme

1994-01-17 12:30:55 (UTC) M6.7 - Northridge, CA, 18.2 km depth

Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme

(Appendix B cont.)
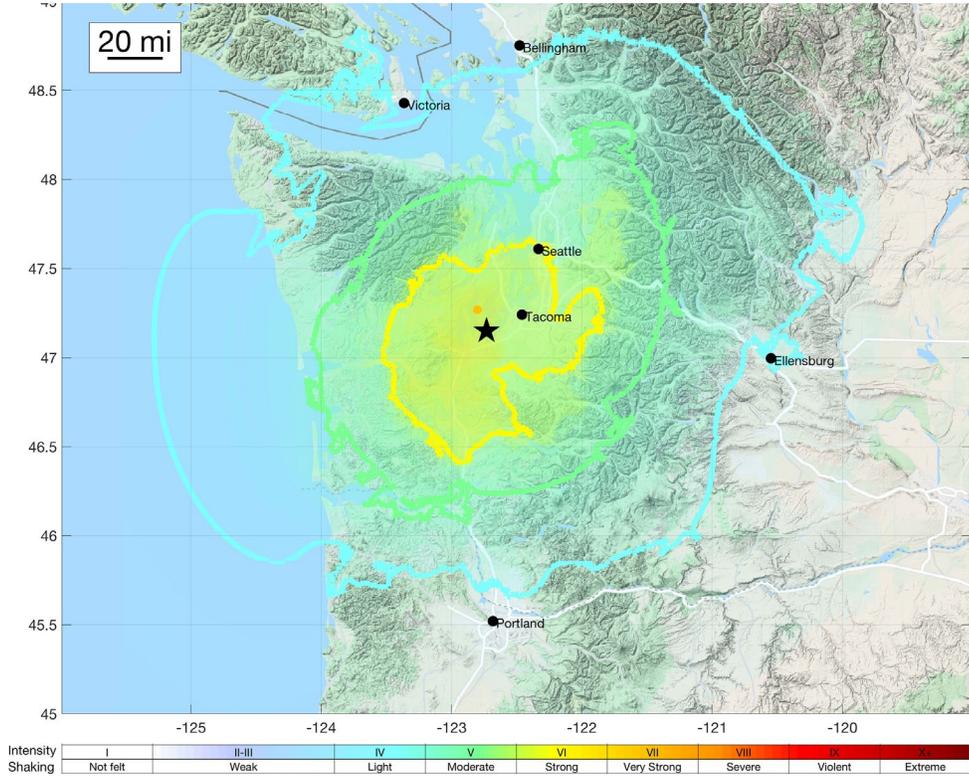
Example D: M 6.9 Loma Prieta, California Earthquake October 18, 1989

1989-10-18 00:04:15 (UTC) M6.9 - Loma Prieta, CA, 17.2 km depth 1994-01-17 12:30:55 (UTC) M 6.7

Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme