

# Conditional Approximate Rate Density with Observations

$M_w > 3.5$

118.8°W 118.2°W 117.6°W 117°W 116.4°W

36.9°N

36.6°N

36.3°N

36°N

35.7°N

35.4°N

35.1°N

34.8°N

34.5°N

118.8°W 118.2°W 117.6°W 117°W 116.4°W



$\text{Log}_{10}$  Conditional Rate Density

(Expected Events per year per  $0.025^\circ \times 0.025^\circ$ )