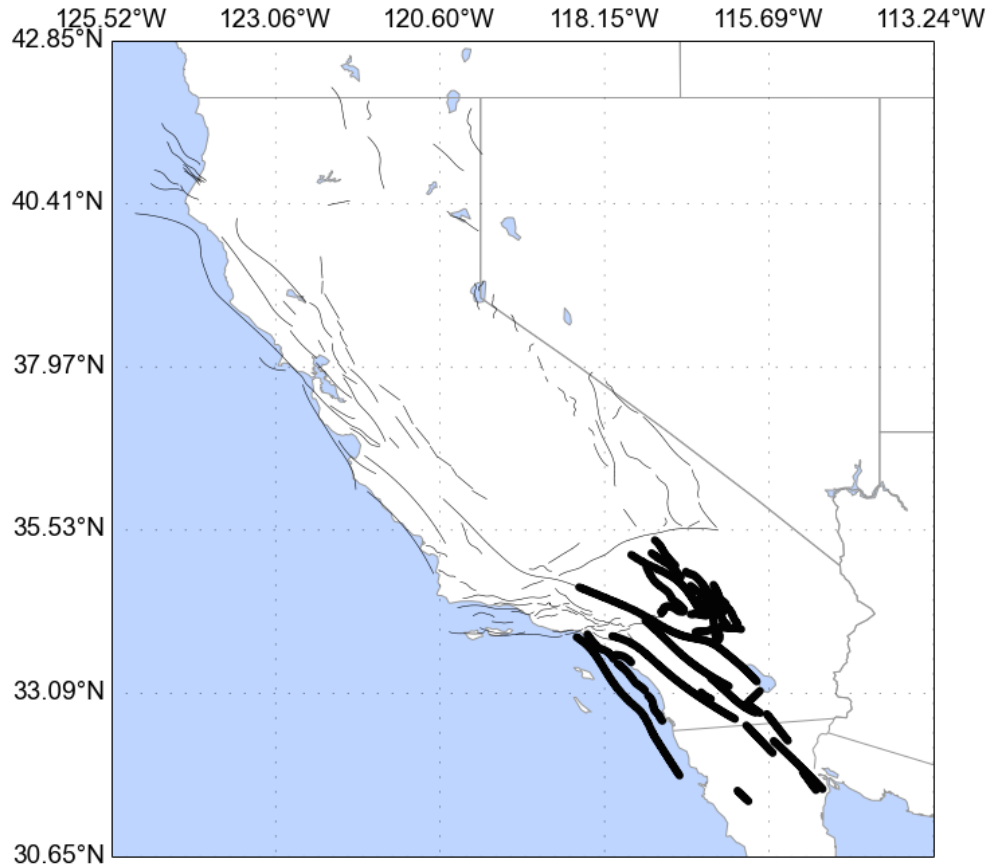


Southern California Earthquake Forecast, $M \geq 7.0$



- 4 years since 2010 El Mayor-Cucapah, $M 7.2$, the last great southern California earthquake
- 30000 years simulated time
- 1348 earthquakes, $M \geq 7.0$
- Average recurrence 22.3 years
- Weibull: $\beta=1.2$, $\tau=24$ years
- **50% prob. of $M \geq 7.0$ in next 16 years**
- **75% prob. of $M \geq 7.0$ in next 29 years**

