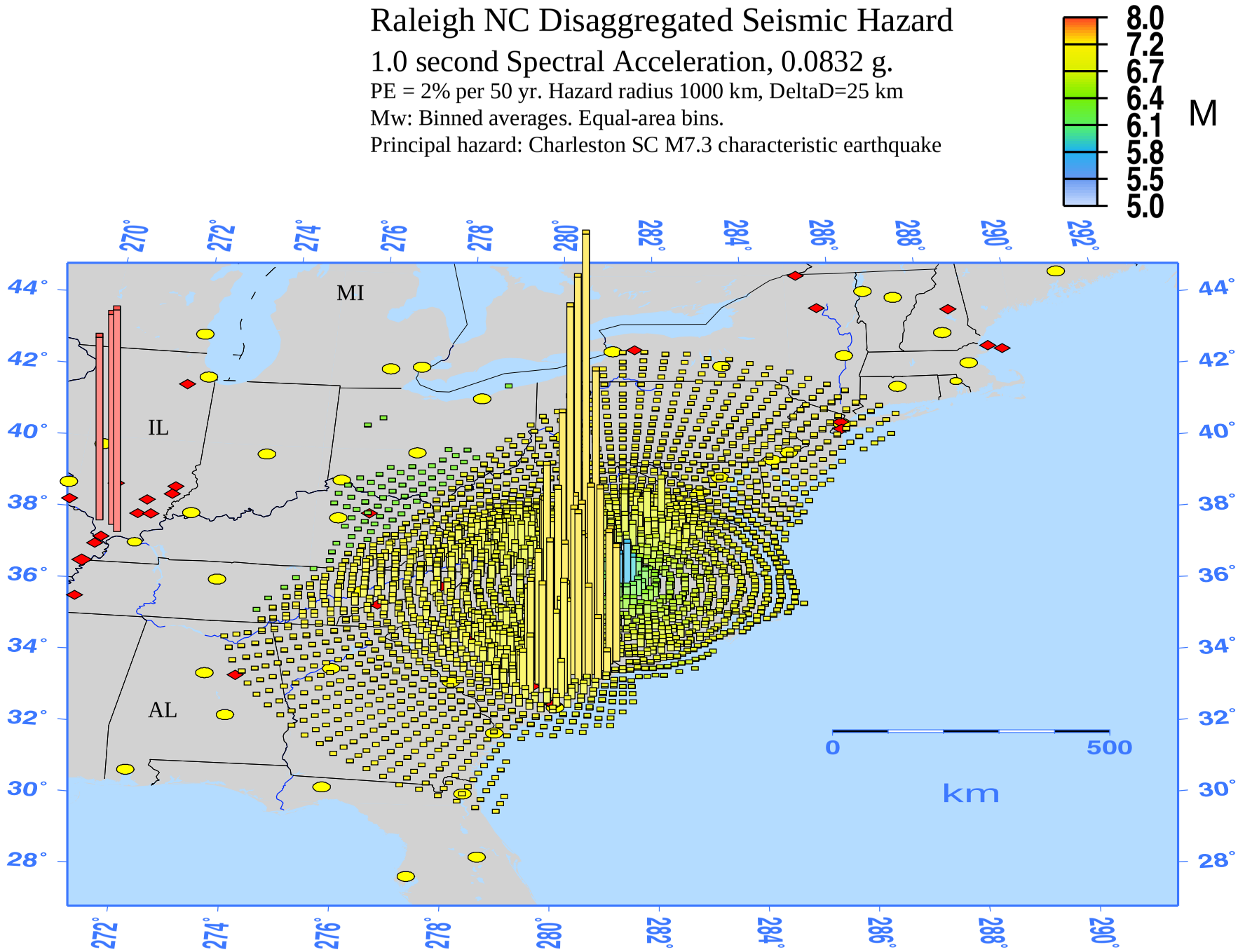
Raleigh NC Disaggregated Seismic Hazard

1.0 second Spectral Acceleration, 0.0832 g.

PE = 2% per 50 yr. Hazard radius 1000 km, DeltaD=25 km
Mw: Binned averages. Equal-area bins.
Principal hazard: Charleston SC M7.3 characteristic earthquake



GMT Aug 28 09:02 **Raleigh NC 1.0 sec SA (0.08315 g), radius=1000 km Cities: yellow circles. Historical earthquakes, M>5: Red diamonds. hmax=1.1*10^-5**