

### Moment Tensor Solution

Centroid; Lat: 31.98° N, Lon: 50.63° E, Depth: 6 km, Time relative to the origin time (Sec): +2.85

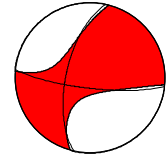
Mw: 4.5, Moment (N.m): 7.576e+15, DC%: 65, CLVD%: 35, Variance Reduction: 0.75

Nodal Planes; strike: 192°, dip: 64°, rake: 12°

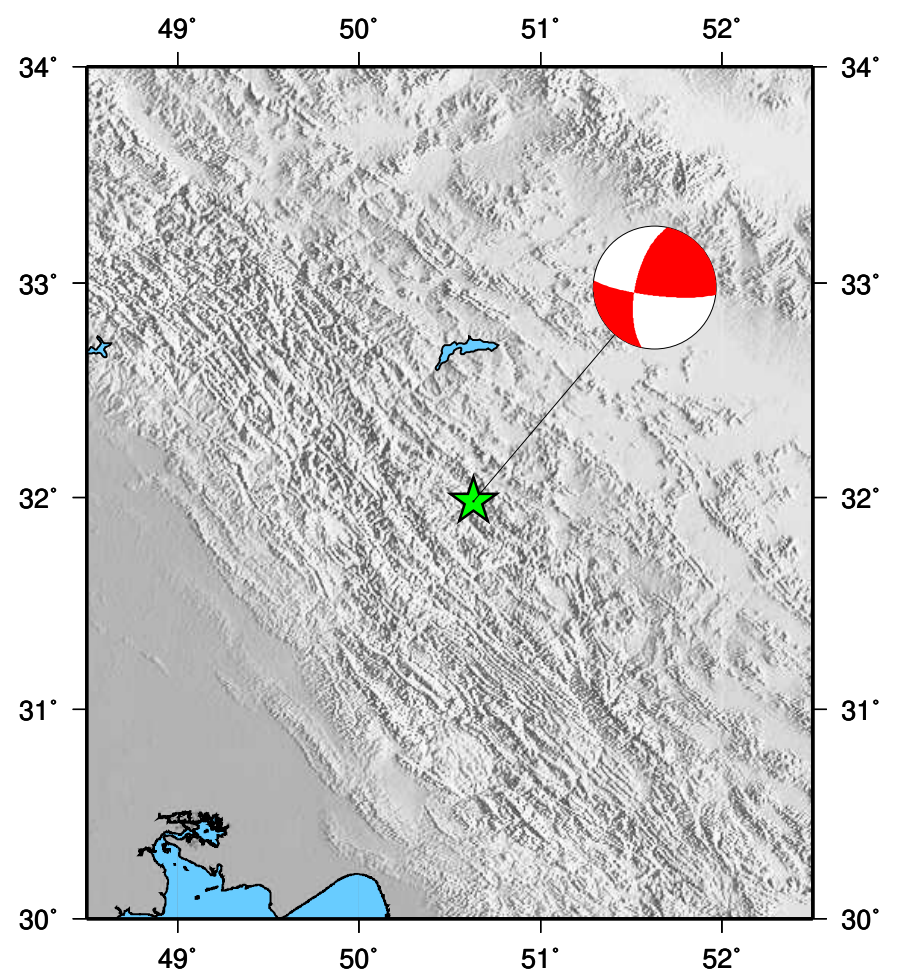
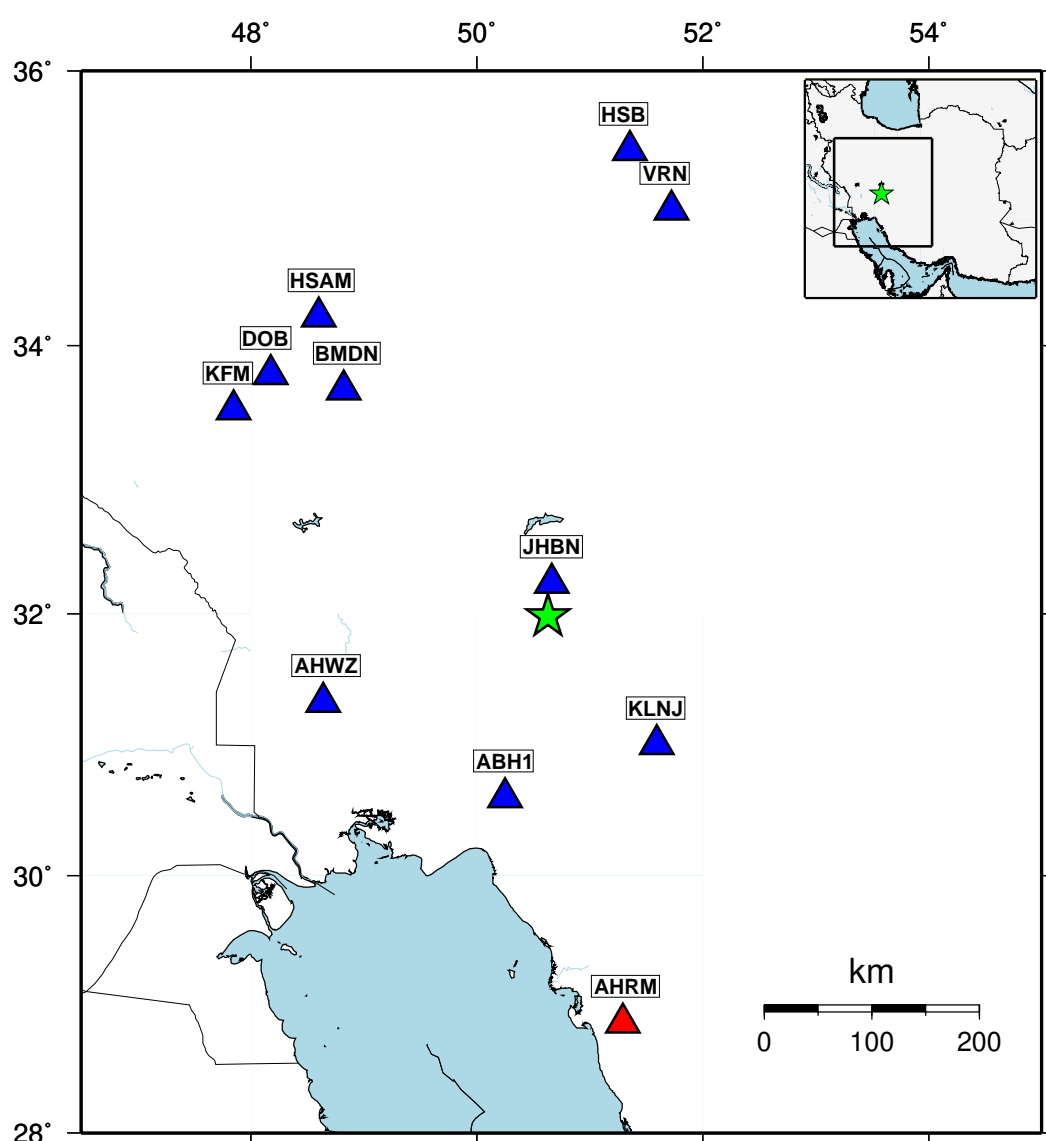
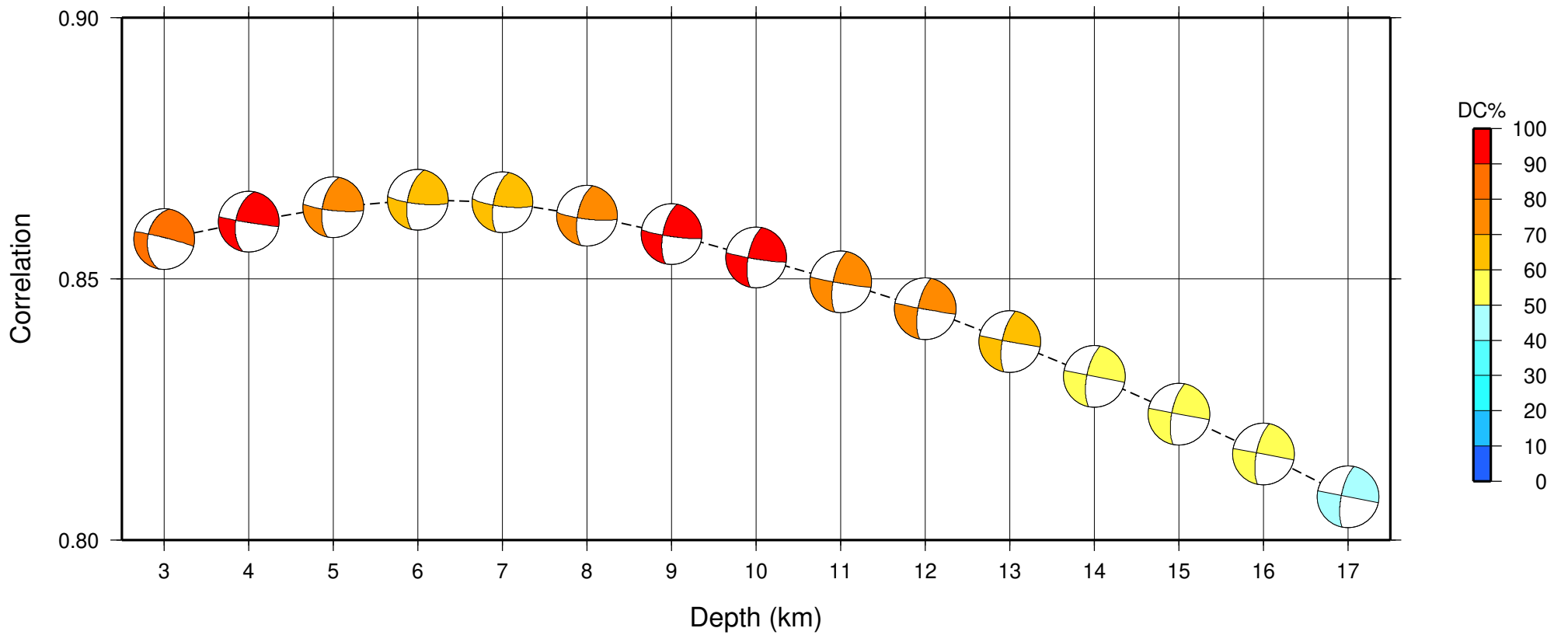
strike: 97°, dip: 79°, rake: 153°

P-axis; azimuth: 147°, plunge: 10° - T-axis; azimuth: 52°, plunge: 27°

Moment Tensor (N.m); Mrr: 2.207, Mtt: -3.417, Mpp: 1.210, Mrt: 2.695, Mrp: -0.761, Mtp: -6.367, Exponent :15



### Correlation vs Depth



The inversion band is 0.04 – 0.08 (Hz). The grey waveforms are not used in the inversion. The black numbers below and on top of the station names are the distances(Km) and azimuths. The black numbers on top of each seismogram are the variance reductions and the blue numbers are the maximum observed amplitude (m) of a station.

— Observed displacement  
— Synthetic displacement

