

Moment Tensor (N.m) ; Mrr: 2.595 , Mtt: -3.534 , Mpp: 0.939 , Mrt: -0.029 , Mrp: -1.061 , Mtp: -0.231 , Exponent :15

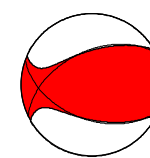
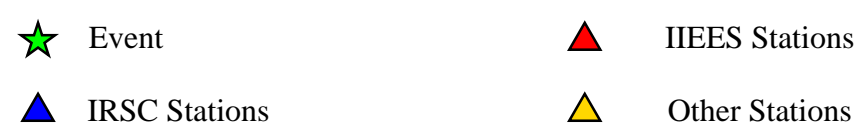
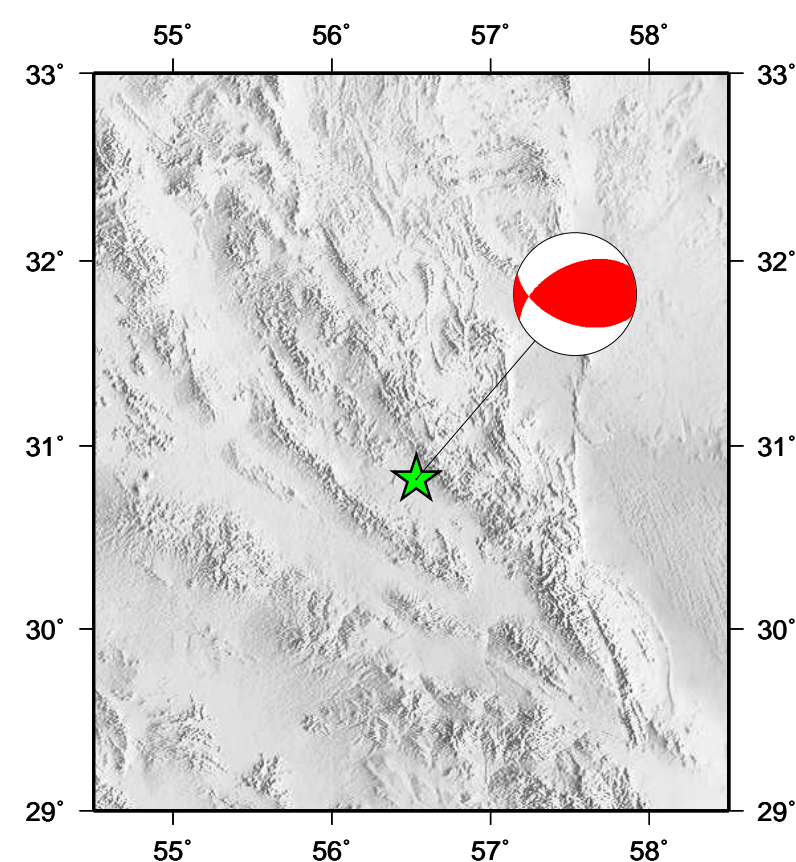
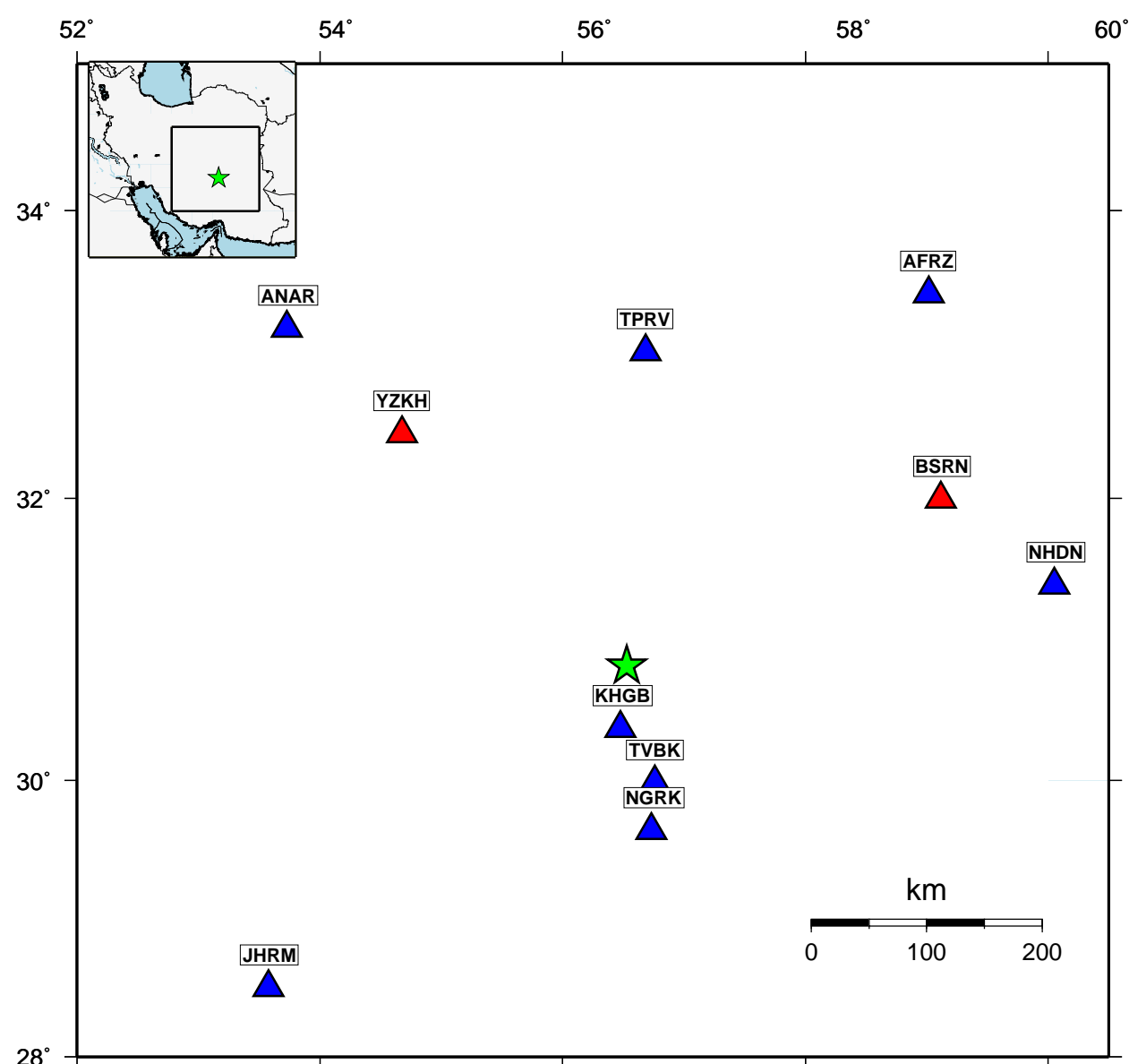


Figure 10 is a scatter plot showing the correlation between the depth of the maximum magnetic field gradient and the depth of the maximum magnetic field. The x-axis represents Depth (km) from 3 to 17, and the y-axis represents Correlation from 0.70 to 0.90. The data points are represented by circles with a diagonal split, where the color of the upper half indicates the DC% value. A dashed line connects the points, showing a peak correlation of approximately 0.88 at a depth of 7-8 km. A color bar on the right indicates DC% values from 0 (blue) to 100 (red).

Depth (km)	Correlation	DC%
3	0.71	40
4	0.75	80
5	0.81	80
6	0.85	90
7	0.88	80
8	0.88	80
9	0.87	70
10	0.85	70
11	0.84	70
12	0.83	80
13	0.82	80
14	0.81	80
15	0.80	90
16	0.79	90
17	0.78	90



— Observed Displacement
— Synthetic Displacement

Inversion band (Hz) 0.04 0.05 0.08 0.09
Gray waveforms weren't used in inversion.
Black numbers are variance reduction.
Blue and Red numbers are maximum amplitude (m) of observed and synthetic displacements respectively.

