

MOMENT TENSOR SOLUTION

HYPOCENTER LOCATION (IRSC)

Origin Time 20130112 03:25:03
Lat 31.901 Lon 51.088 Depth 5.0

CENTROID

Centroid Lat 31.936 Lon 51.111
Centroid Depth : 4.0
Centroid Time : +3.06 (sec) relative to origin time

Moment (N.m) : 2.708e+016
Mw : 4.9
DC% : 76.3
CLVD% : 23.7

Strike Dip Rake

77 26 50

Strike Dip Rake

300 71 107

P-axis azimuth plunge

17 24

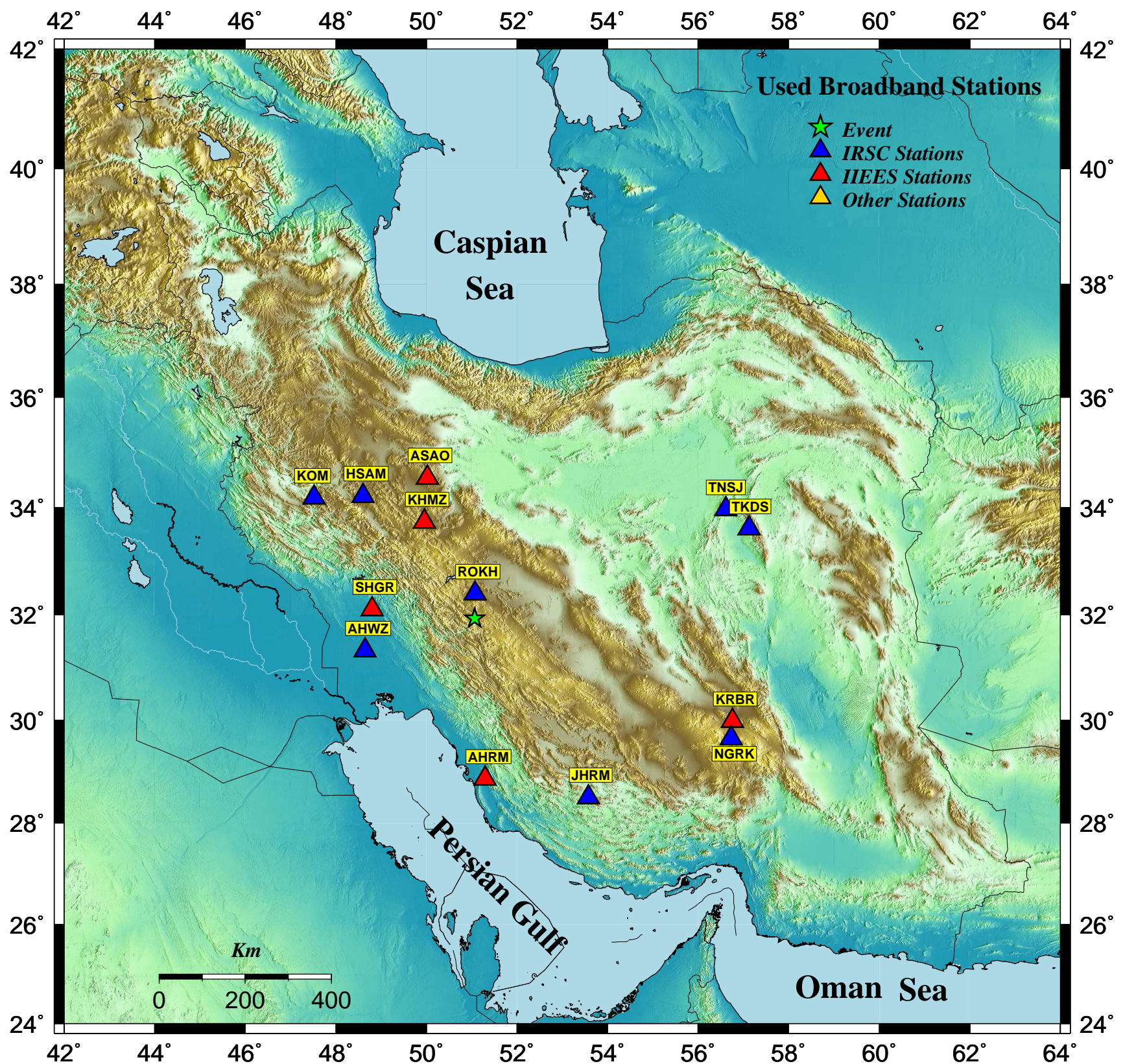
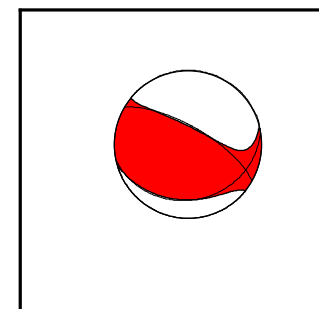
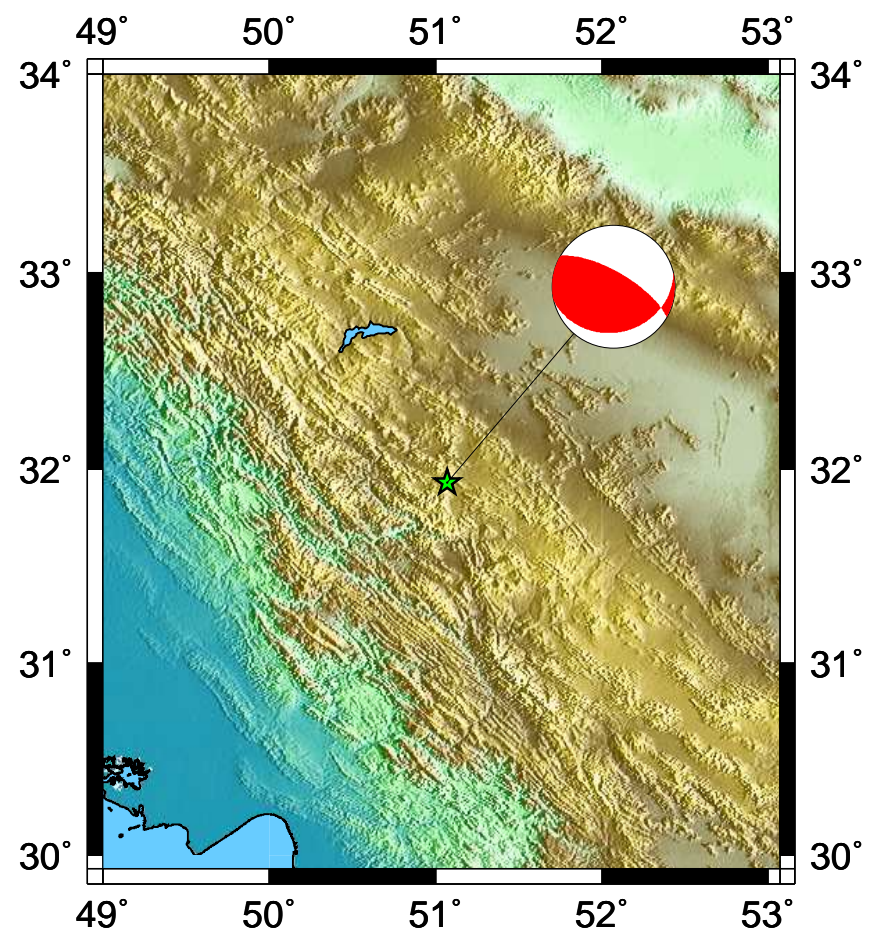
T-axis azimuth plunge

235 61

Mrr Mtt Mpp
1.486 -1.947 0.461

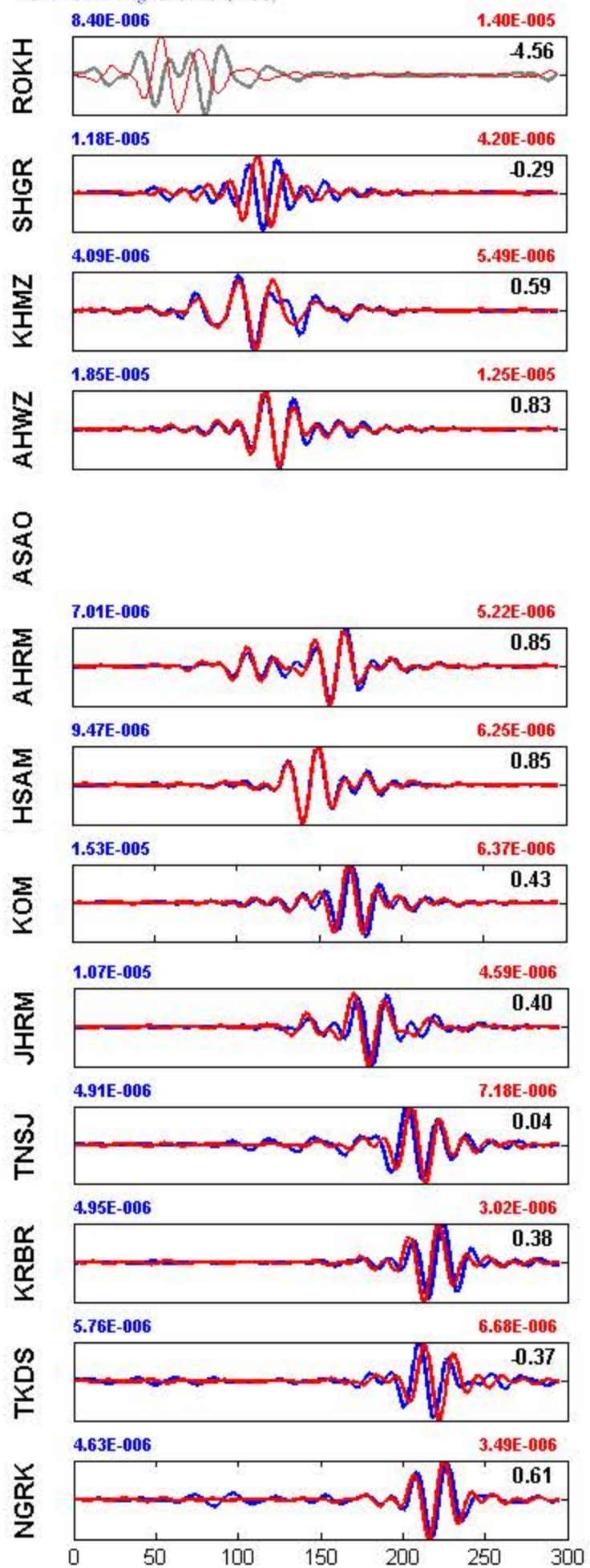
Mrt Mrp Mtp
-1.656 1.107 0.506

Exponent (N.m): 16





Institute of Geophysics
Iranian Seismological Center (IRSC)



— Observed Displacement
— Synthetic Displacement

Inversion band (Hz) 0.03 0.04 0.07 0.08

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.

