

# MOMENT TENSOR SOLUTION

## HYPOCENTER LOCATION (IRSC)

Origin Time 20130409 11:52:49  
Lat 28.467 Lon 51.568 Depth 11.3

## CENTROID

Centroid Lat 28.449 Lon 51.548  
Centroid Depth : 8.0  
Centroid Time : +8.1 (sec) relative to origin time

Moment (N.m) : 3.610e+018

Mw : 6.3

DC% :81.3

CLVD% :18.7

### Strike Dip Rake

151 39 101

### Strike Dip Rake

317 52 81

### P-axis azimuth plunge

53 7

### T-axis azimuth plunge

188 80

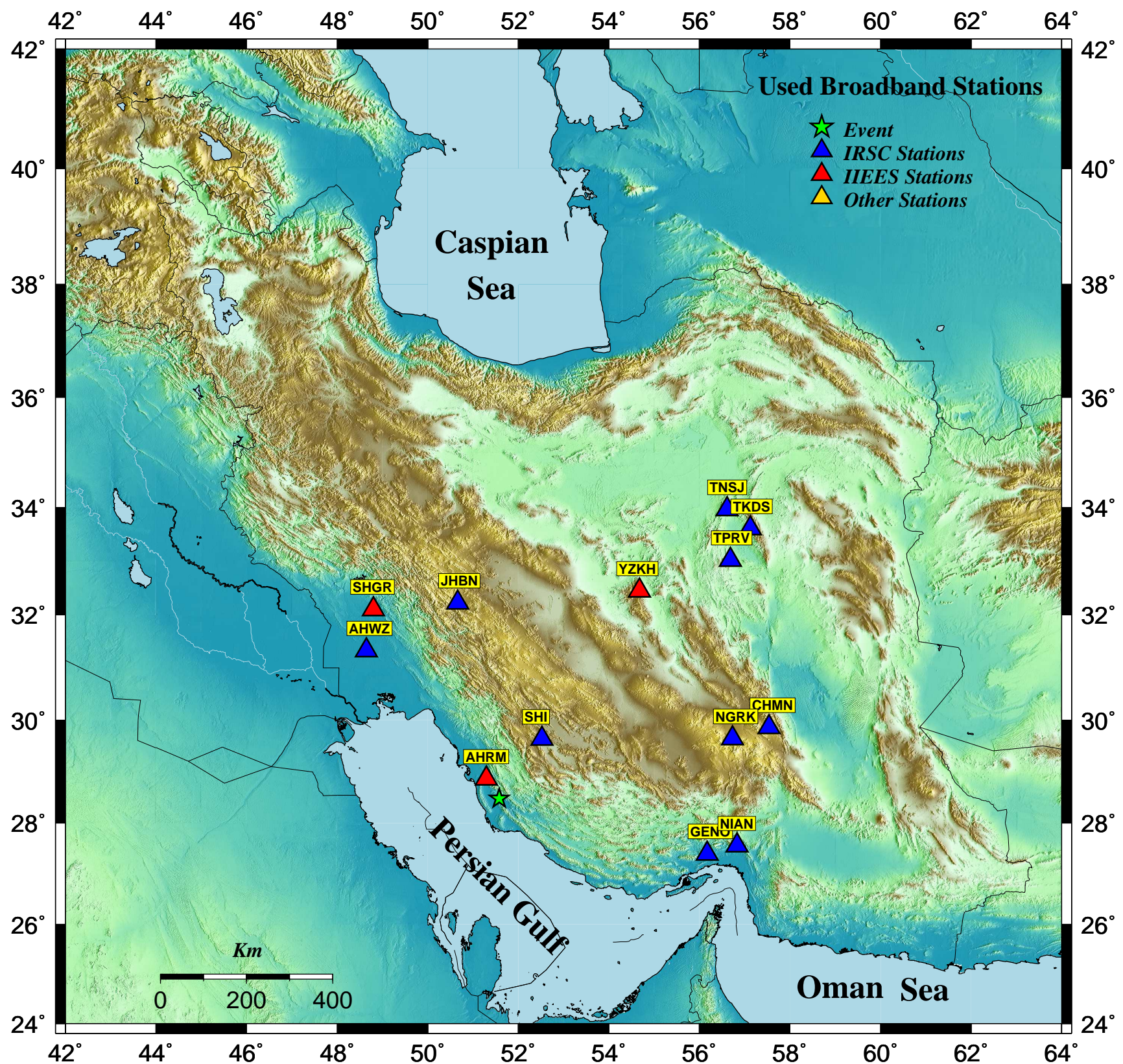
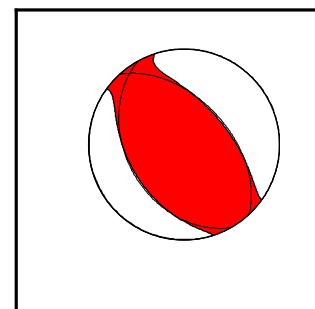
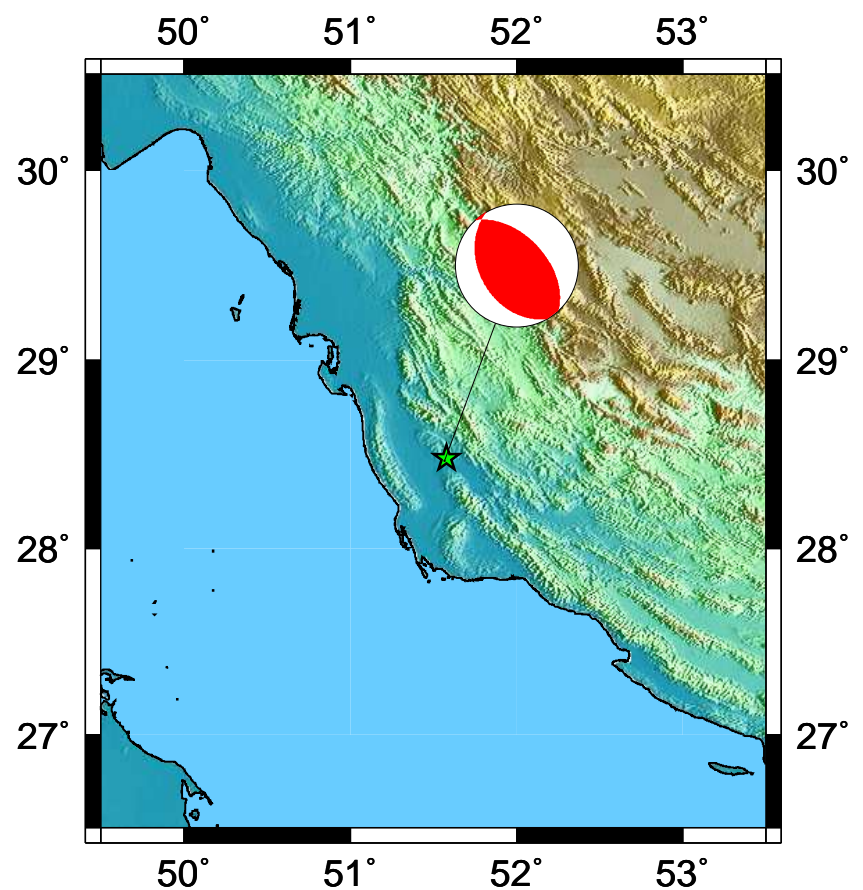
Mrr Mtt Mpp

3.278 -1.017 -2.262

Mrt Mrp Mtp

-0.786 0.457 1.939

Exponent (N.m): 18







Institute of Geophysics  
Iranian Seismological Center (IRSC)

— Observed Displacement  
— Synthetic Displacement

Inversion band (Hz) 0.02 0.025 0.065 0.07  
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.

