



Institute of Geophysics  
Iranian Seismological Center (IRSC)

# MOMENT TENSOR SOLUTION

## HYPOCENTER LOCATION (IRSC)

Origin Time 20130511 03:41:27  
Lat 26.525 Lon 57.917 Depth 16.0

## CENTROID

Centroid Lat 26.579 Lon 57.957  
Centroid Depth : 14.0  
Centroid Time : -2.65 (sec) relative to origin time

Moment (N.m) : 4.175e+016  
Mw : 5.0  
DC% : 78.4  
CLVD% : 21.6

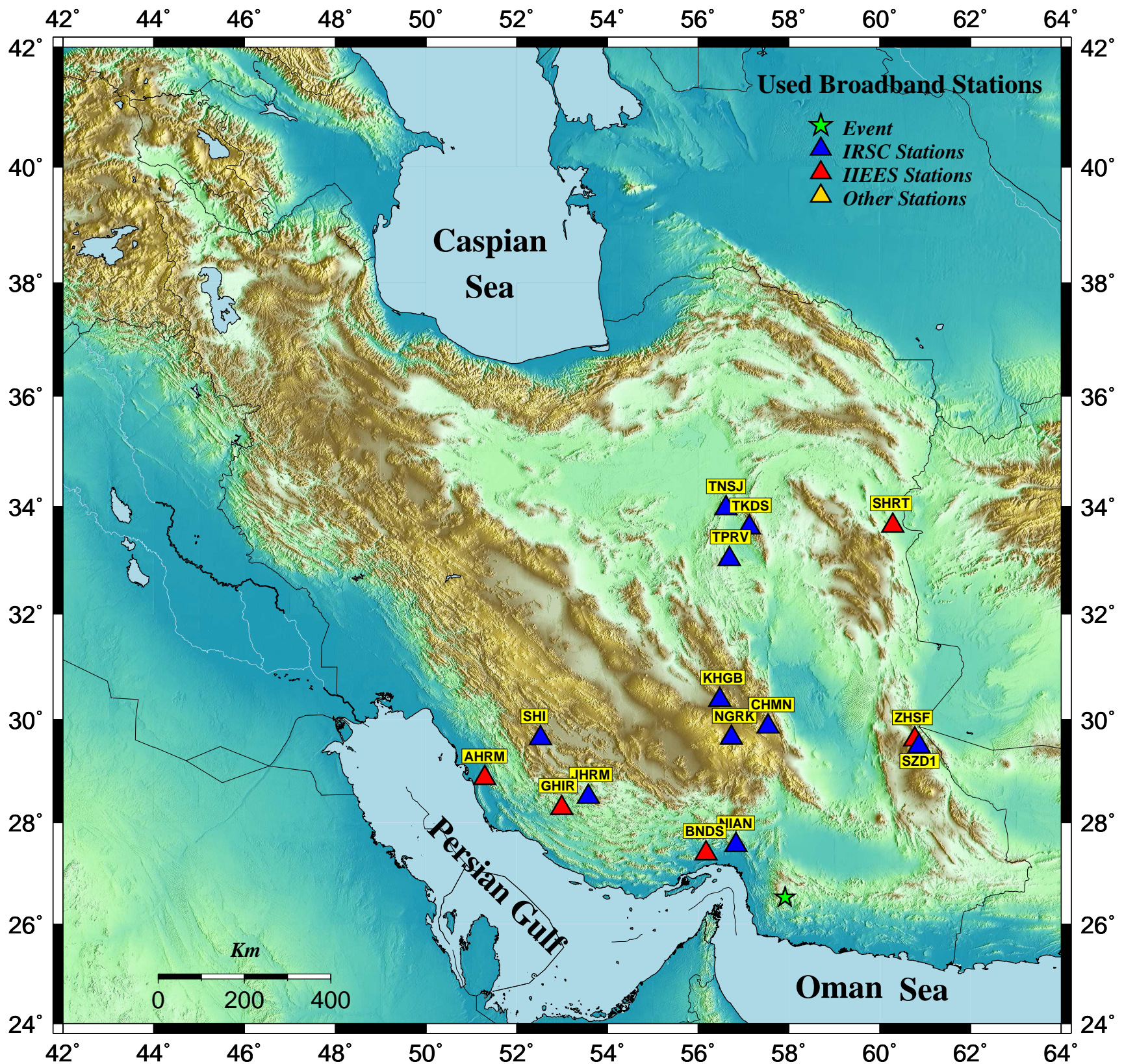
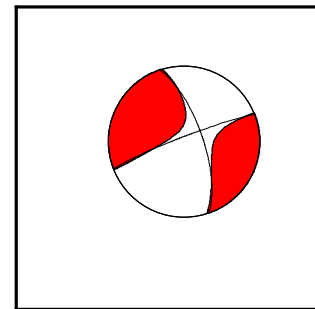
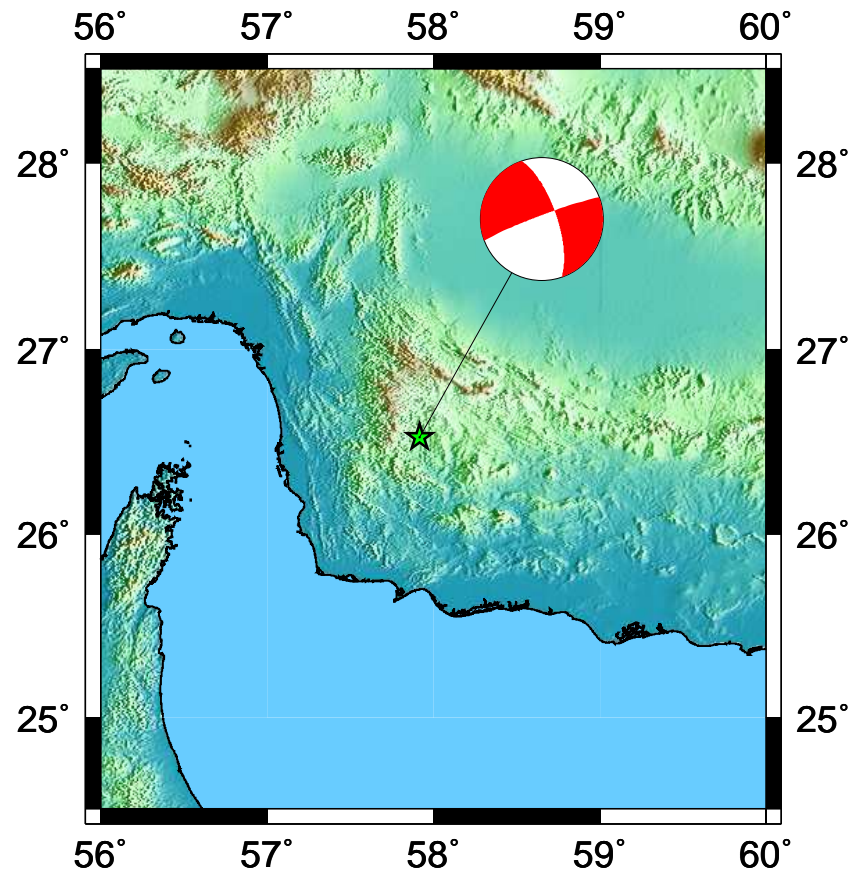
Strike Dip Rake  
341 70 -175

Strike Dip Rake  
249 85 -20

P-axis azimuth plunge  
203 18

T-axis azimuth plunge  
297 10

Mrr Mtt Mpp  
-0.631 -2.175 2.806  
Mrt Mrp Mtp  
1.292 0.374 3.020  
Exponent (N.m): 16







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— 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.

