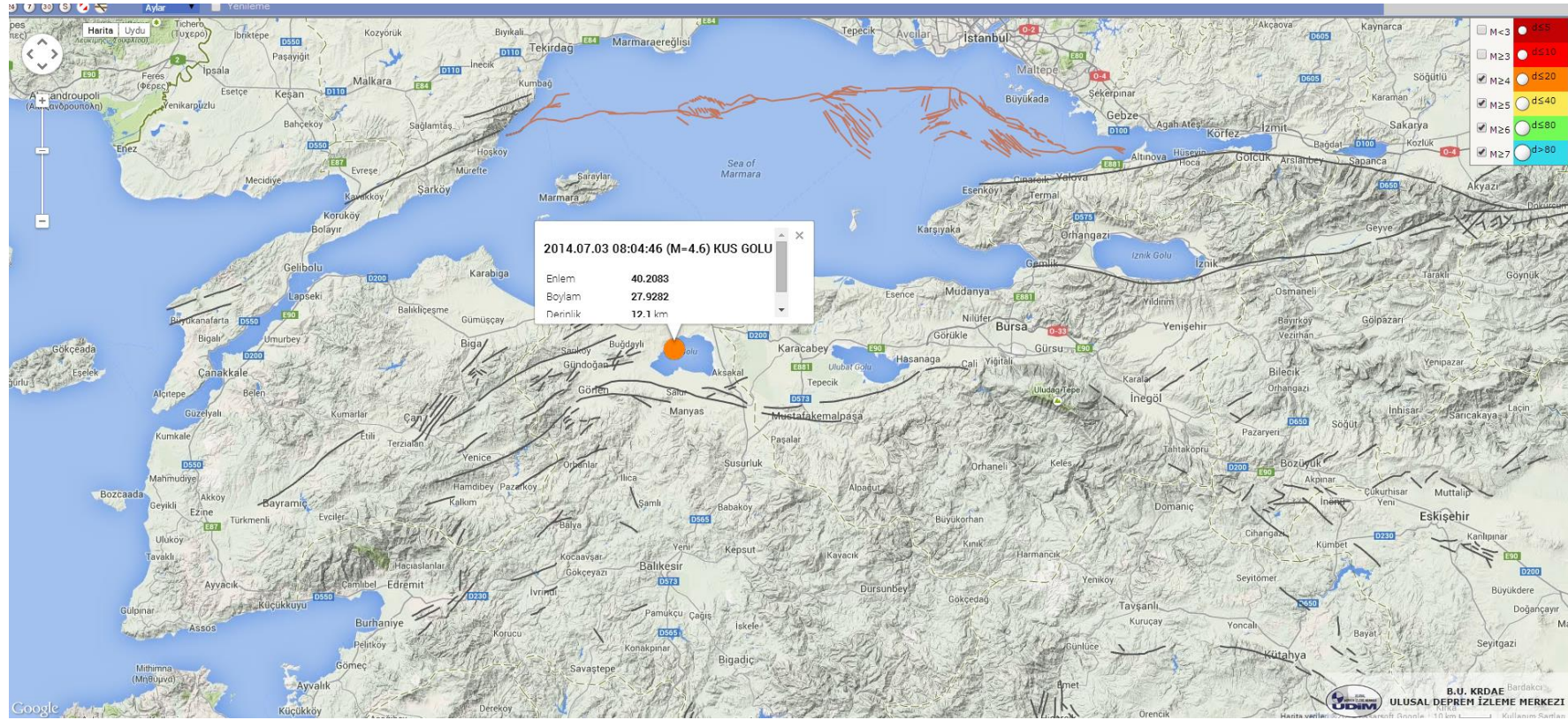


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DEPREM İZLEME VE ARAŞTIRMA MERKEZİ (DİVAM) DEPREM KAYIDI

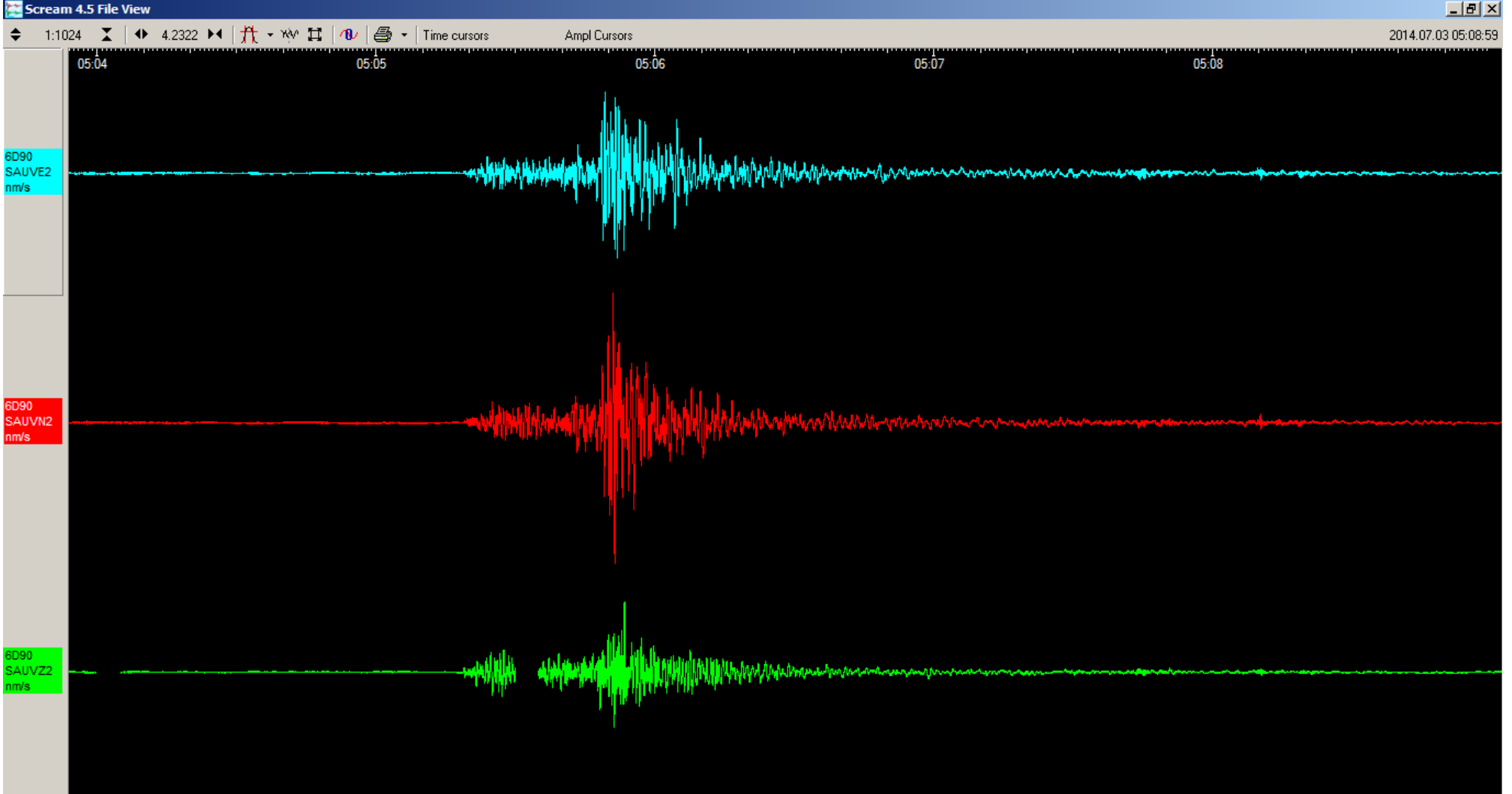
03/07/2014 Kuş Gölü Depremi ML=4.6 (KRDAE-UDİM)

Oluş Zamanı=08:04:46.0 (Yerel Saat) Enlem:40.2083° K Boylam:27.9282° D Derinlik=12.1 km

Uzaklık: 211 km Azimut: 255°



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MOMENT TENSOR SOLUTION

HYPOCENTER LOCATION (KOERI)

Origin time 20140703 05:04:46.00
 Lat 40.21 Lon 27.93 Depth 12.1

CENTROID

Trial source number : 3 (Fixed Epicenter inversion)
 Centroid Lat (N)40.21 Lon (E)27.93
 Centroid Depth (km) : 12
 Centroid time : +0.3 (sec) relative to origin time

Moment (Nm) : 2.806e+015

Mw : 4.2

VOL% :0

DC% :95.4

CLVD% :4.6

Var.red.(for stations used in inversion):0.61

Condition Number : 3.44

Var.red.(for all stations) :0.61

| Strike | Dip | Rake | Frequency band used in inversion (Hz) |
|--------|-----|------|---------------------------------------|
| 78 | 88 | 166 | 0.02 - 0.05 -- 0.6 - 0.09 |

| Strike | Dip | Rake | Stations-Components Used-Distance |
|--------|-----|------|-----------------------------------|
| 169 | 76 | 2 | |

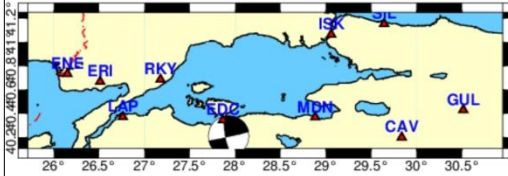
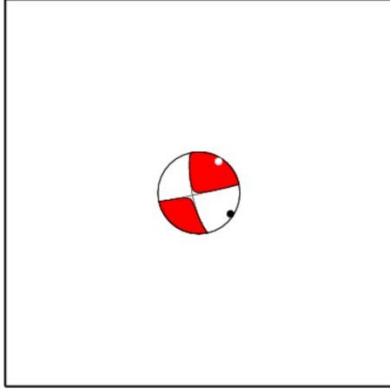
| P-axis Azimuth Plunge | NS | EW | Z | D(km) |
|-----------------------|----|----|---|-------|
| 124 8 | + | + | + | 16 |
| | + | + | + | 83 |

| T-axis Azimuth Plunge | NS | EW | Z | D(km) |
|-----------------------|----|----|---|-------|
| 32 11 | + | + | + | 83 |
| | + | + | + | 101 |
| | + | + | + | 131 |

| Mrr | Mtt | Mpp | Station | D(km) |
|--------|-------|--------|---------|-------|
| -0.008 | 1.089 | -1.081 | EDC | 16 |
| | | | RKY | 83 |
| | | | MDN | 83 |
| | | | LAP | 101 |
| | | | ERI | 131 |
| | | | ISK | 135 |
| | | | ENE | 162 |
| | | | CAV | 162 |
| | | | SIL | 179 |
| | | | GUL | 221 |

| Mrt | Mrp | Mtp | Station | D(km) |
|-------|-------|--------|---------|-------|
| 0.677 | 0.011 | -2.498 | EDC | 16 |
| | | | RKY | 83 |
| | | | MDN | 83 |
| | | | LAP | 101 |
| | | | ERI | 131 |
| | | | ISK | 135 |
| | | | ENE | 162 |
| | | | CAV | 162 |
| | | | SIL | 179 |
| | | | GUL | 221 |

Exponent (Nm): 15



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