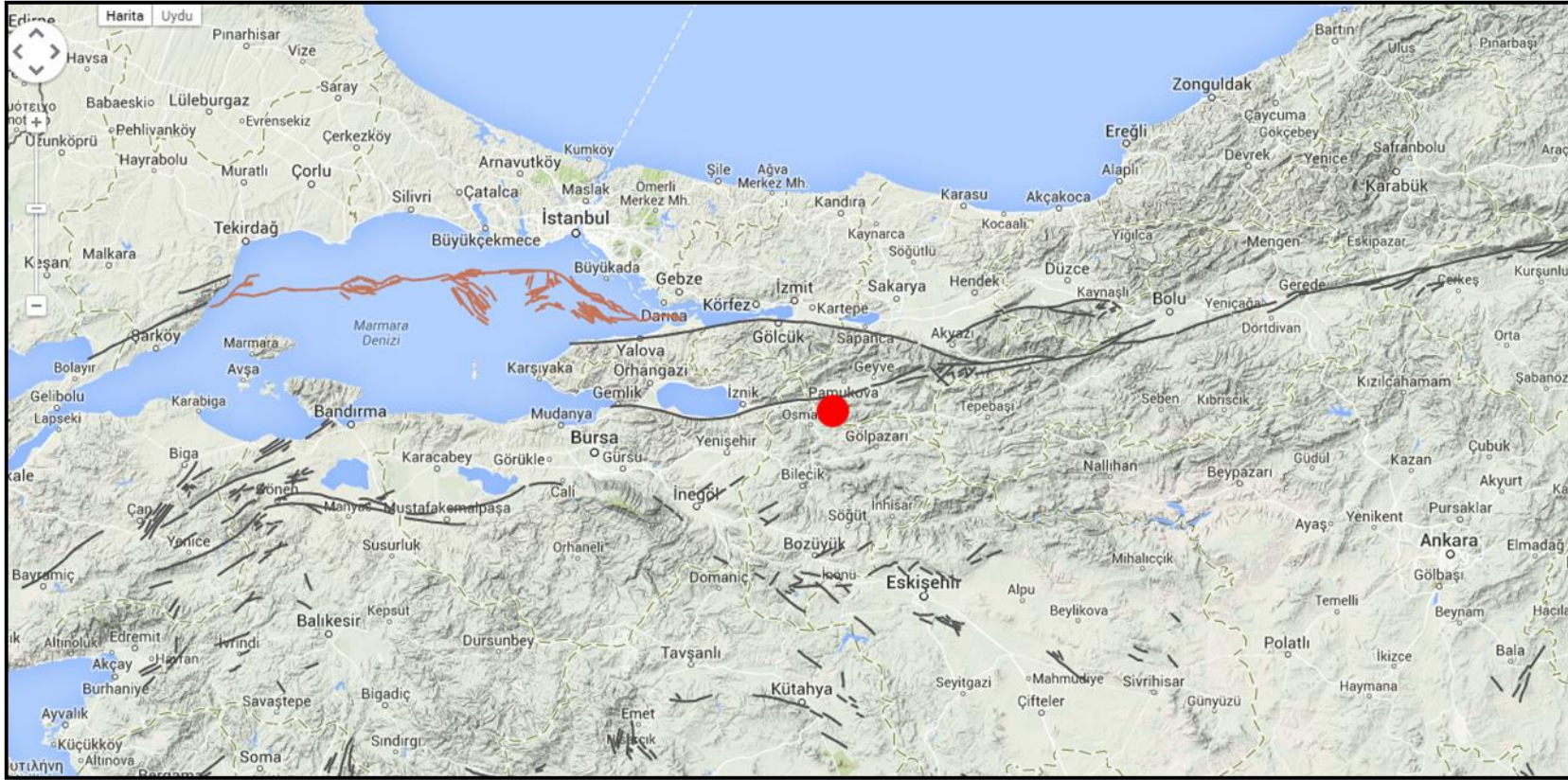


SAKARYA ÜNİVERSİTESİ
JEOFİZİK MÜHENDİSLİĞİ BÖLÜMÜ
DEPREM İZLEME VE ARAŞTIRMA MERKEZİ (DİVAM) DEPREM KAYIDI

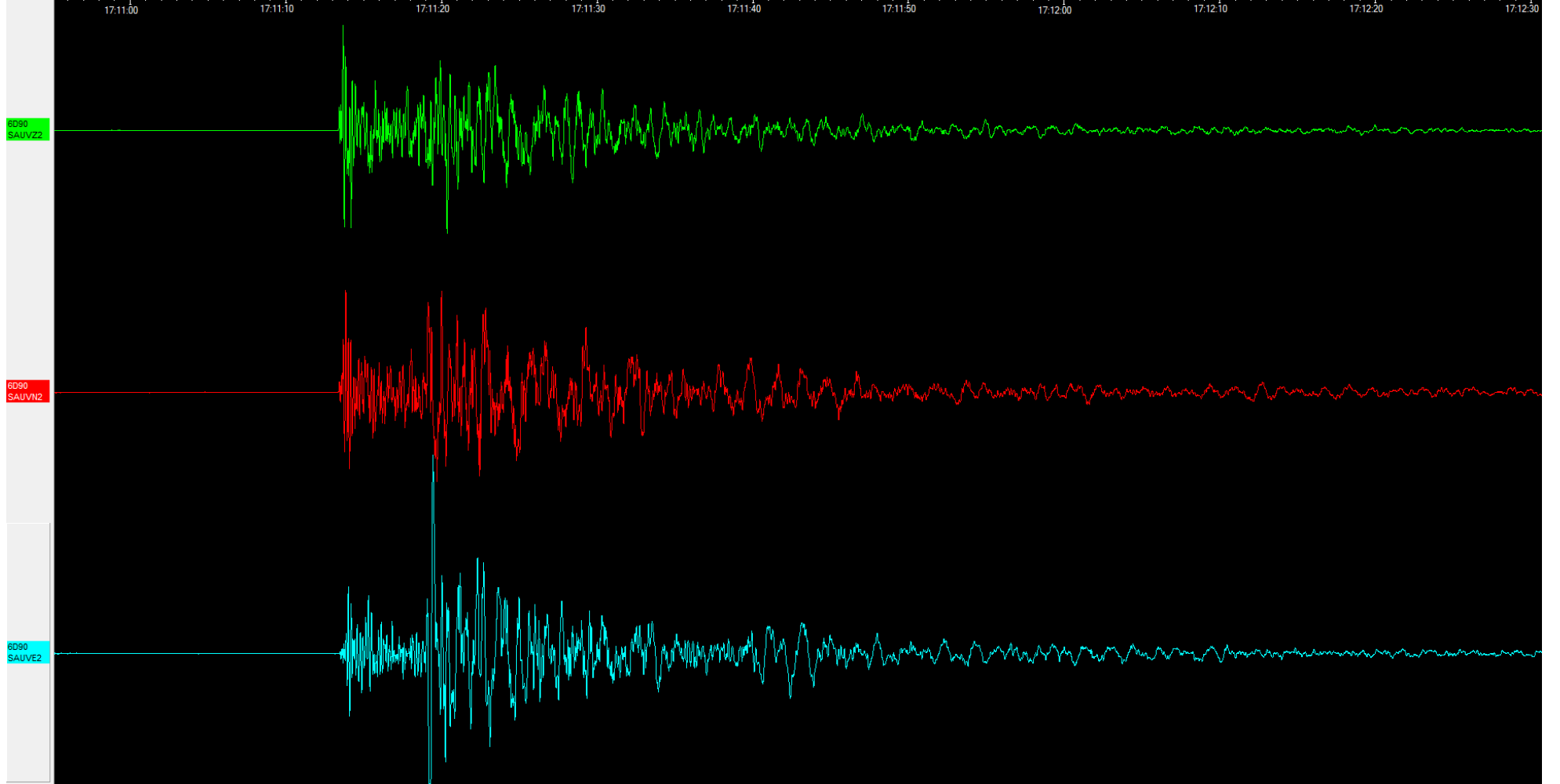
22/10/2014 Taşoluk-Geyve SAKARYA Depremi MI=4.5 (UDİM)

Oluş Zamanı=20:11:05.0 (Yerel Saat) Enlem:40.4047° K Boylam:30.1188° D Derinlik=7.6 km

Uzaklık:41 km Azimut:205°



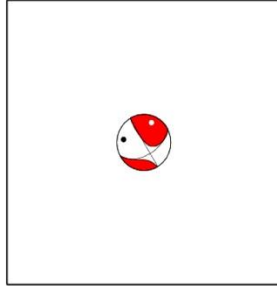
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SAU-DİVAM
MOMENT TENSOR SOLUTION



HYPOCENTER LOCATION (koeri)

Origin time 20141022 17:11:05.00
Lat 40.404 Lon 30.11 Depth 10

CENTROID

Trial source number : 1 (Fixed Epicenter inversion)
Centroid Lat (N)40.404 Lon (E)30.11
Centroid Depth (km) : 5
Centroid time : +1.2 (sec) relative to origin time

Moment (Nm) : 1.088e+015

Mw : 4

VOL% :0

DC% :70

CLVD% :30

Var.red.(for stations used in inversion):0.48

Condition Number : 2.78

Var.red.(for all stations) :0.48

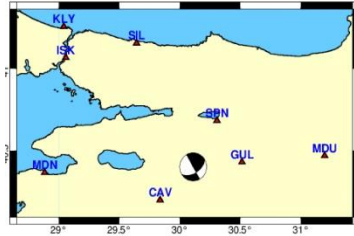
Strike	Dip	Rake	Frequency band used in inversion (Hz)
150	89	38	0.02 - 0.05 -- 0.6 - 0.9

Strike	Dip	Rake	Stations-Components Used-Distance
59	52	179	NS EW Z D(km)

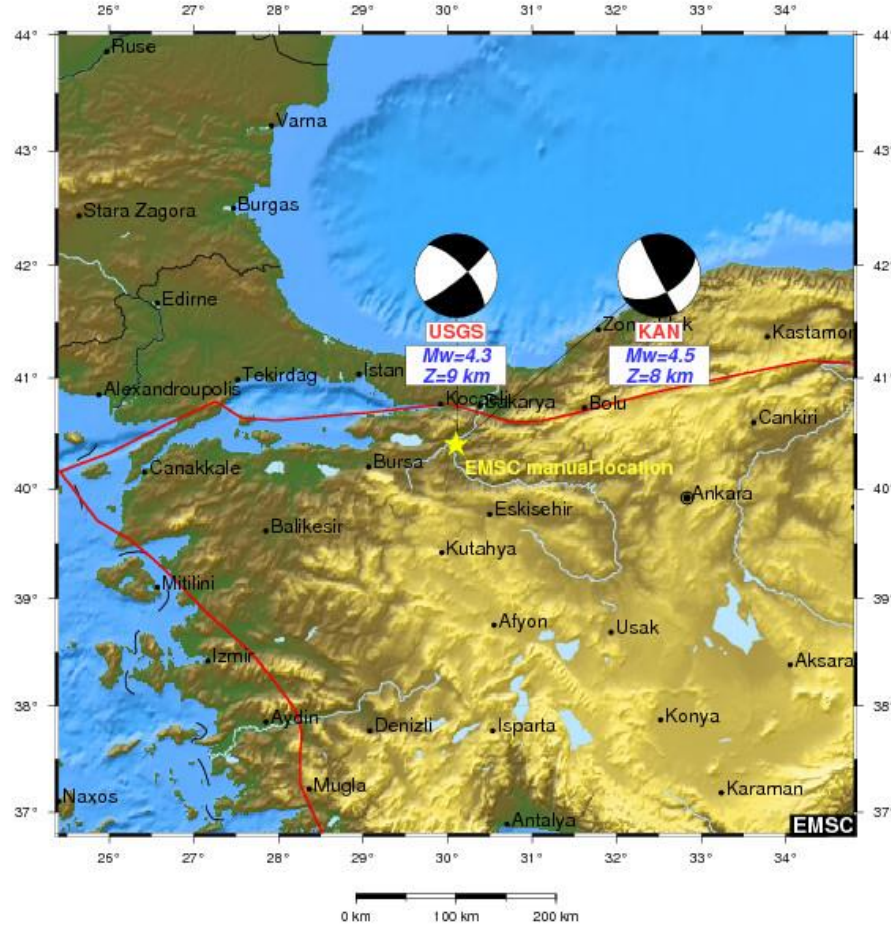
P-axis Azimuth Plunge	CAV	+	+	32
278 25	GUL	+	+	35
T-axis Azimuth Plunge	SPN	+	+	36
21 26	SAU	+	+	34
	SIL	+	+	92
	MDU	+	+	93
	MDN	+	+	104
	ISK	+	+	115
	KLY	+	+	130

Mrr	Mtt	Mpp
-0.566	7.445	-6.879
Mrt	Mrp	Mtp
4.502	-5.022	-4.611

Exponent (Nm) : 14



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Çözümler EMSC' nin web sayfasından alınmıştır.