

1:58:08

distancia min.
27km

Distancia max.
50km

NEIC
M=4.6

M
4.2

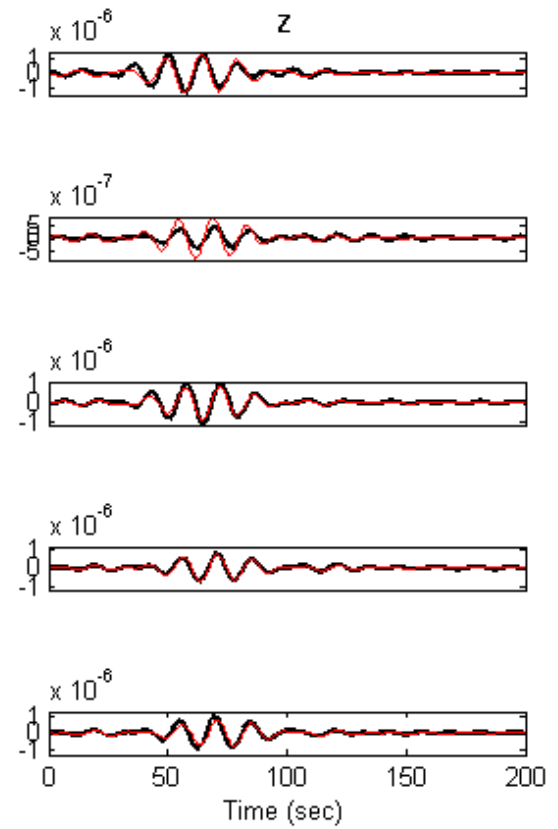
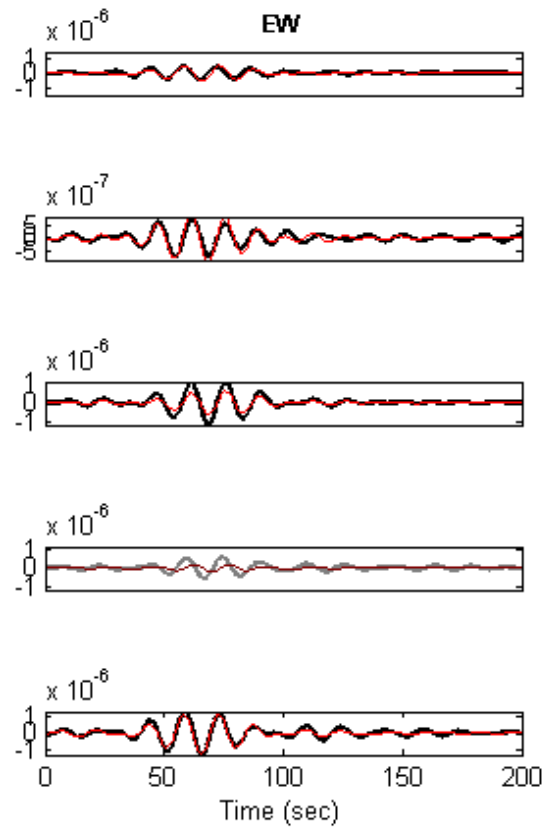
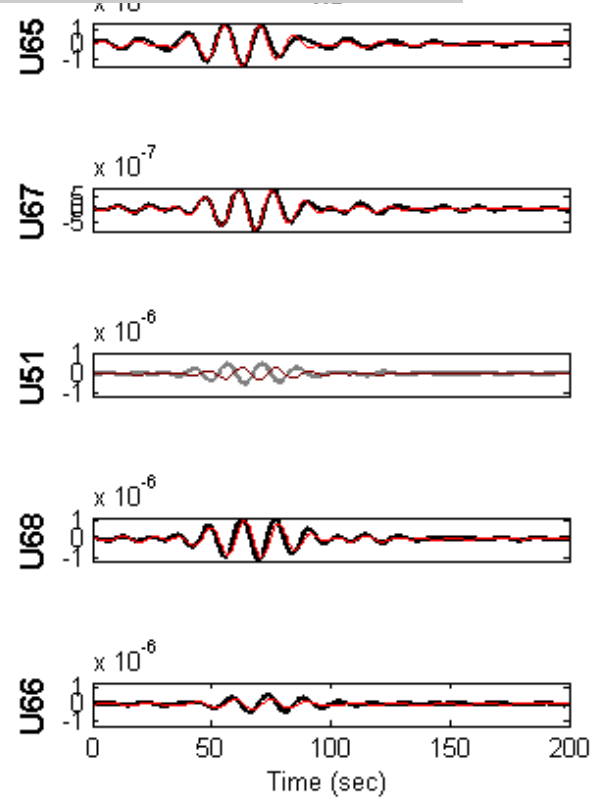
f₁
0.04

f₂
0.09

Displacement (m). Inversion band (Hz) 0.05 0.06 0.08 0.09

— Observed
— Synthetic

Gray waveforms weren't used in inversion.
Blue numbers are variance reduction



MOMENT TENSOR SOLUTION

HYPOCENTER LOCATION ()

Origin time 20100402 14:58:08.20
 Lat -34.735 Lon -71.681 Depth 49.7

CENTROID

Trial source number : 3 (Fixed Epicenter inversion)
 Centroid Lat -34.735 Lon -71.681
 Centroid Depth : 49
 Centroid time : +0.75 (sec) relative to origin time

Moment (Nm) : 2.180e+015

Mw : 4.2

VOL% : 0

DC% : 22.2

CLVD% : 77.8

Var.red. (for stations used in inversion) : 0.7

Var.red. (for all stations) : 0.7

Strike	Dip	Rake	Station	NS	EW	Ver
157	69	79	U65	+	+	+
6	24	117	U67	+	+	+
-----			U51	-	+	+
P-axis Azimuth Plunge			U68	+	-	+
256 23			U66	+	+	+

T-axis Azimuth Plunge						
48 65						

Mrr Mtt Mpp
 1.779 -0.717 -1.062

Mrt Mrp Mtp
 0.945 -1.190 -0.204

Exponent (Nm) : 15

2010 73 0008 5.6 L -34.750 -71.718 50.1 TRS 10.0 4

