

Event: April 09, 2008 - 02:39 (UTC) mD=3.2  
 Epicentral Distances 0.5-5.6 Km  
 Origin Time shifted 20 seconds (decreasing)

The screenshot shows the 'invert' software interface with the following sections:

- Info:** Time Length: 245.76; No of Sources: 10; No of Stations: 5; Min Time shifts (sec): -75; Max Time shifts (sec): 75.
- Filter (Hz):** filter (f1, f2, f3, f4); flat band-pass between f2, f3; cosine tapered between f1, f2 and between f3, f4. Parameters: f1: 0.7, f2: 0.8, f3: 1.4, f4: 1.5.
- Type of Inversion:** Full MT, Deviatoric MT (selected), DC constrained, Fixed mechanism. Strike: 0, Dip: 0, Rake: 0.
- Time Search (sec):** Start: 18, End: 21, Time Step: 0.06. Trial Time shifts: 50.
- Number of Subevents:** 1.
- Time Function:** Delta (selected), Triangle. Duration: 4.
- Plot Correlation diagram:** Plot Scale X: 21, Plot Scale Y: 18, Beachball Scale: 0.35, Font size: 10, Contour interval: 0.1. GMT Palette: cool. Invert Palette: .
- Results for Single source:** Source Number: 1, Time limits: [ ], Source limits: 10.
- Buttons:** Compute Weights, Reset Weights, Deselect Stations, Run, Exit.

Frequency range for inversion: 0.7 – 1.5 Hz

**Time search: 18 – 21s (time step of 0.06s)**

Source depth starting at 0.2km with 10 steps of 0.2km

Stations/Components used in inversion:

JA8 – NS, EW, Z

JA2 – NS, EW, Z

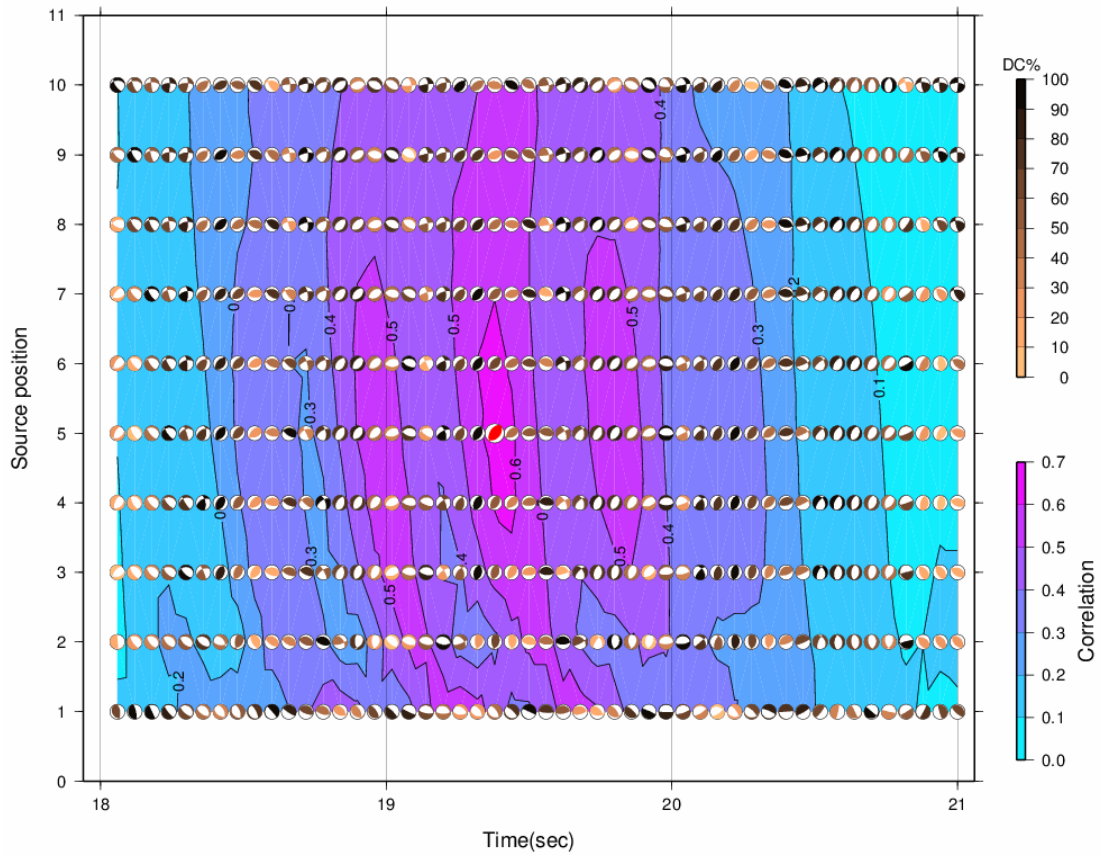
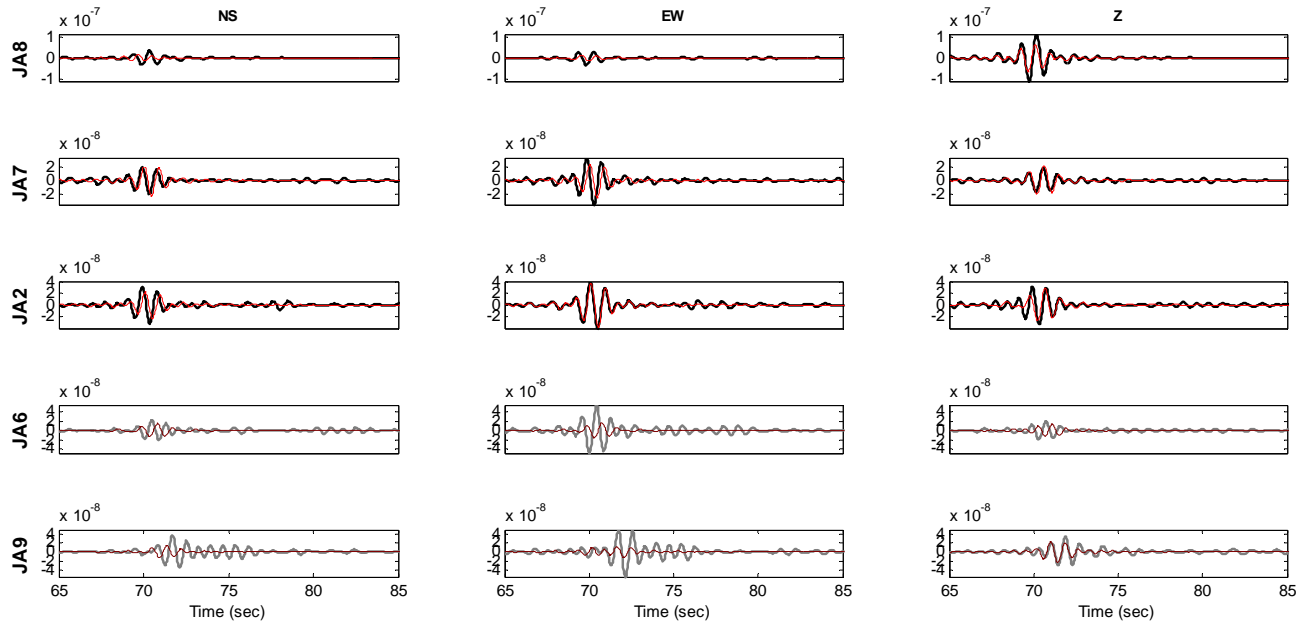
JA7 – NS, EW, Z

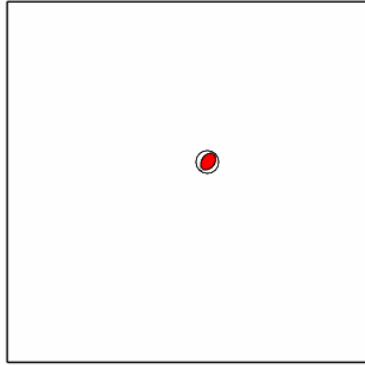
Even date-time: 20080409 2:39:09

Displacement (m). Inversion band (Hz) 0.7 0.8 1.4 1.5

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

— Observed  
— Synthetic





**MOMENT TENSOR SOLUTION**

**HYPOCENTER LOCATION (SIS-UnB)**

Origin time 20080409 2:39:09.00  
 Lat -15.0307 Lon -44.3038 Depth 0.2

**CENTROID**

Trial source number : 5 (Fixed Epicenter inversion)  
 Centroid Lat -15.0307 Lon -44.3038  
 Centroid Depth : 1  
 Centroid time : +19.38 (sec) relative to origin time

Moment (Nm) : 1.020e+011

Mw : 1.3

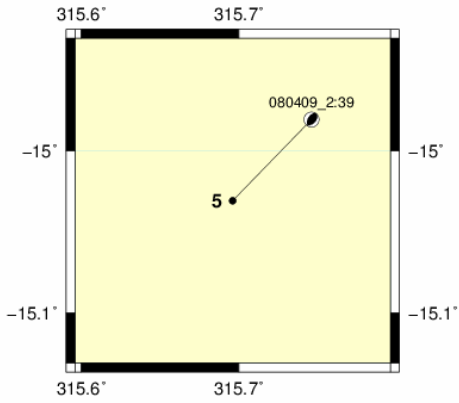
VOL% : 0

DC% : 66.4

CLVD% : 33.6

Var.red.(for stations used in inversion):0.4

Var.red.(for all stations) :0.2



Strike	Dip	Rake	Station	NS	EW	Ver
211	49	81	JA8	+	+	+
Strike	Dip	Rake	JA7	+	+	+
45	42	101	JA2	+	+	+
<b>P-axis Azimuth Plunge</b>			JA6	-	-	-
			308	4		
<b>T-axis Azimuth Plunge</b>			JA9	-	-	-
			64	82		

Mrr Mtt Mpp  
 1.073 -0.451 -0.621  
 Mrt Mrp Mtp  
 0.051 -0.194 -0.362  
 Exponent (Nm): 11

