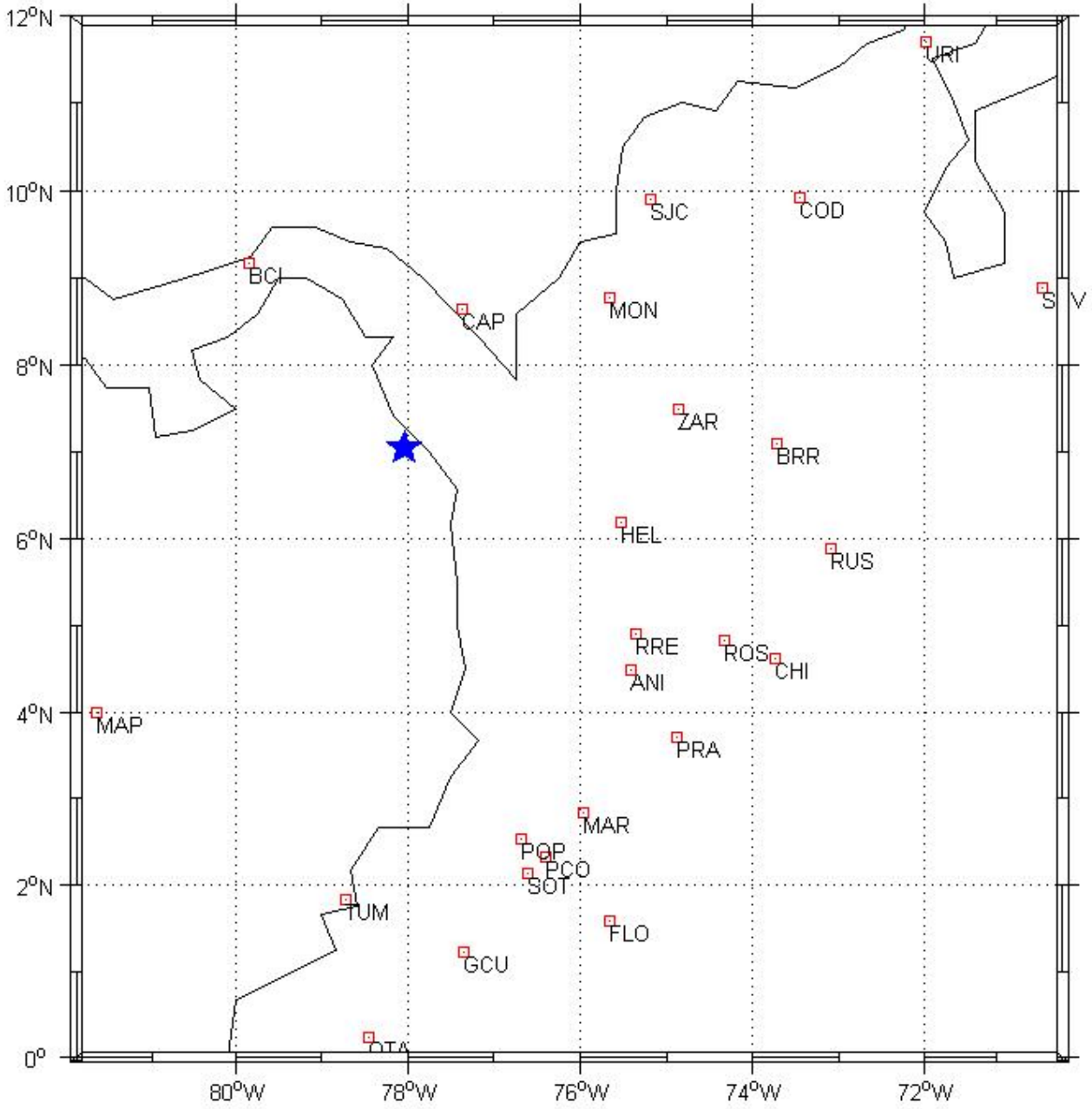
JURADO EARTHQUAKE

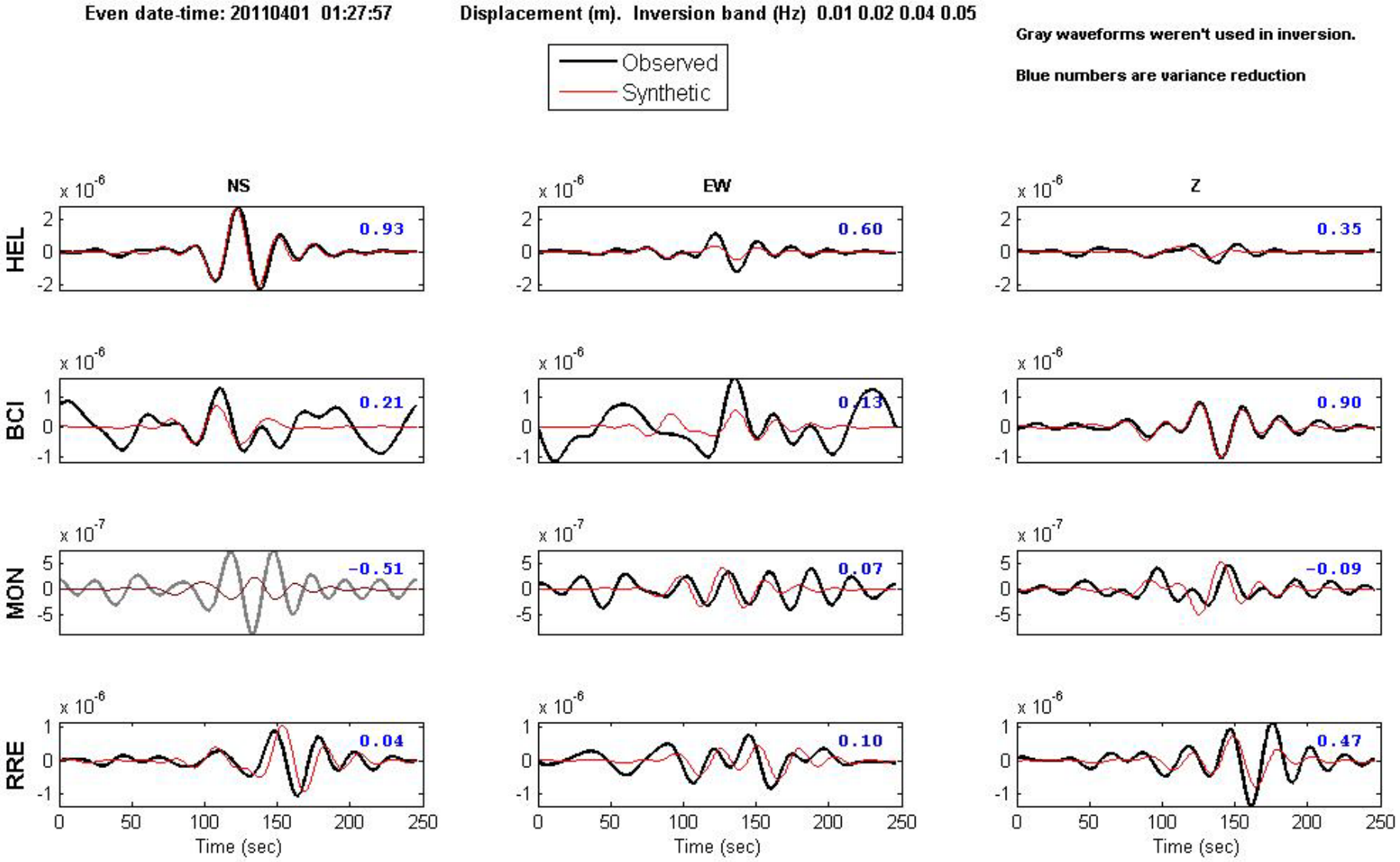
2011 04 01 01:27 UTC

Ml=4,3 (RSNC)

Depth 1 Km (RSNC)

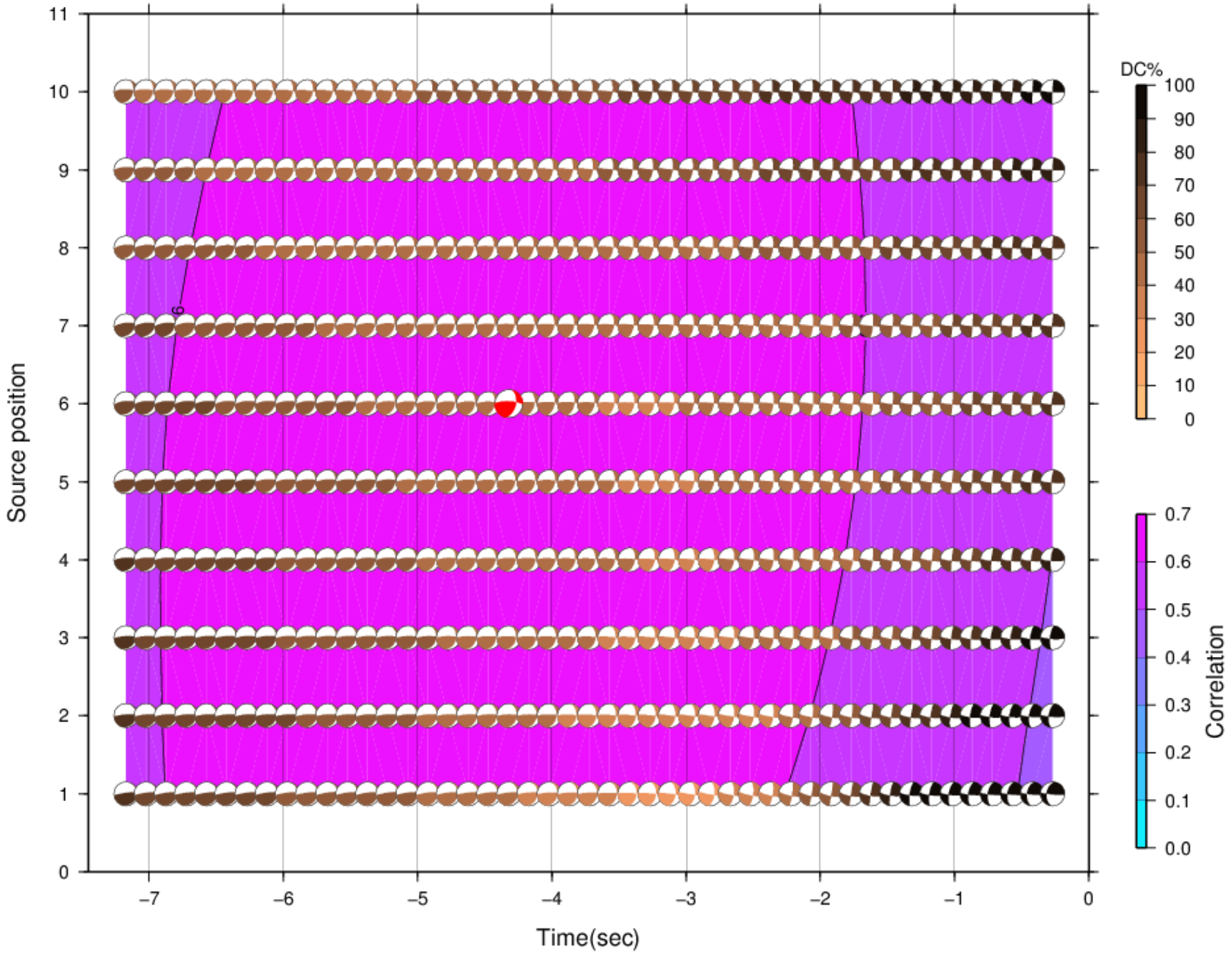
STATION	DIST (Km)	Sensor
HEL	293.2604	BB
BCI	307.9928	BB
MON	324.0937	BB
RRE	419.3268	BB

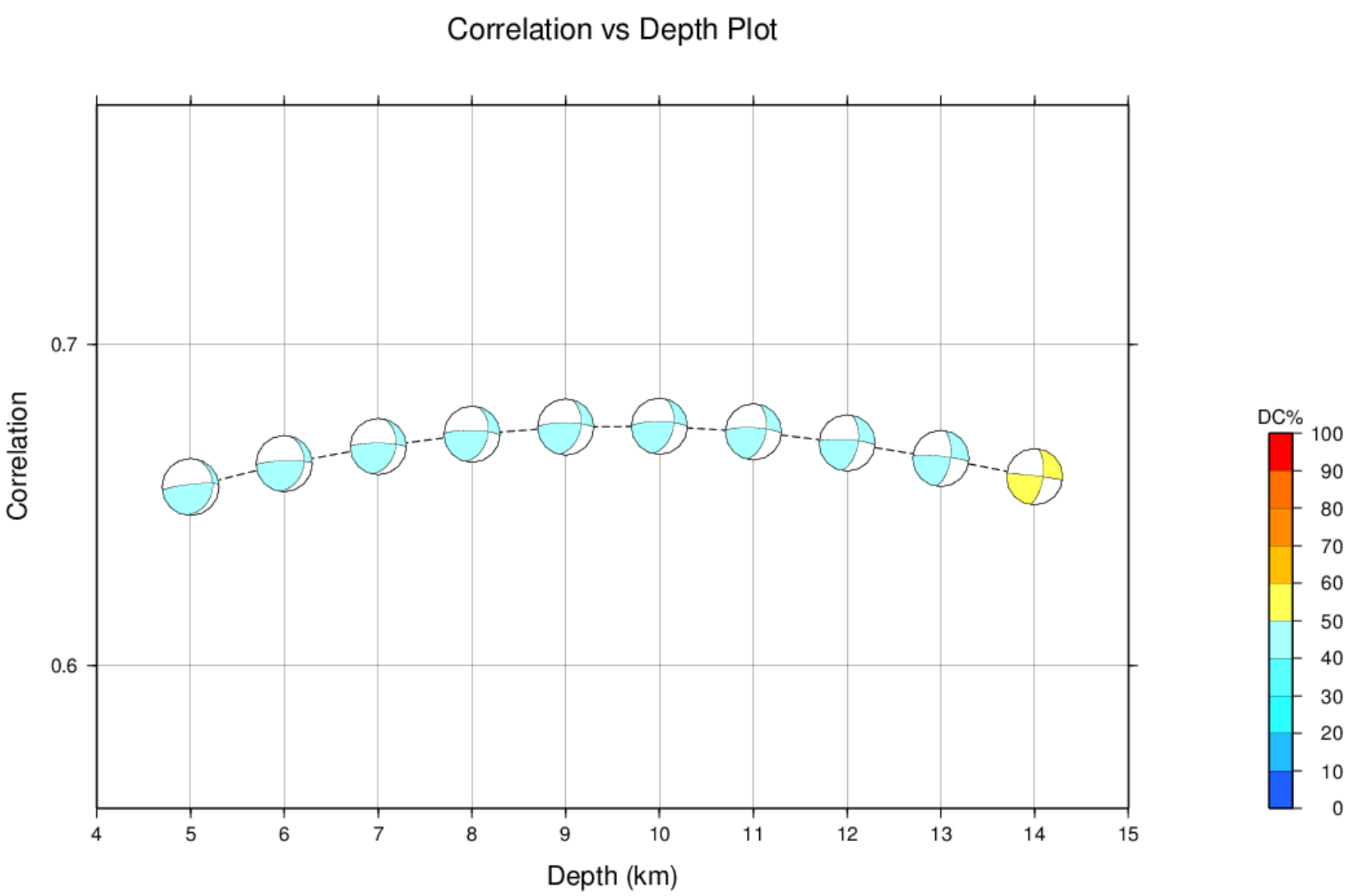

12°N
10°N
8°N
6°N
4°N
2°N
0°
80°W
78°W
76°W
74°W
72°W
URI
SJC
COD
BCI
CAP
MON
ZAR
BRR
HEL
RUS
RRE
ROS
CHI
ANI
MAP
PRA
MAR
POP
PCO
SOT
TUM
FLO
GCU

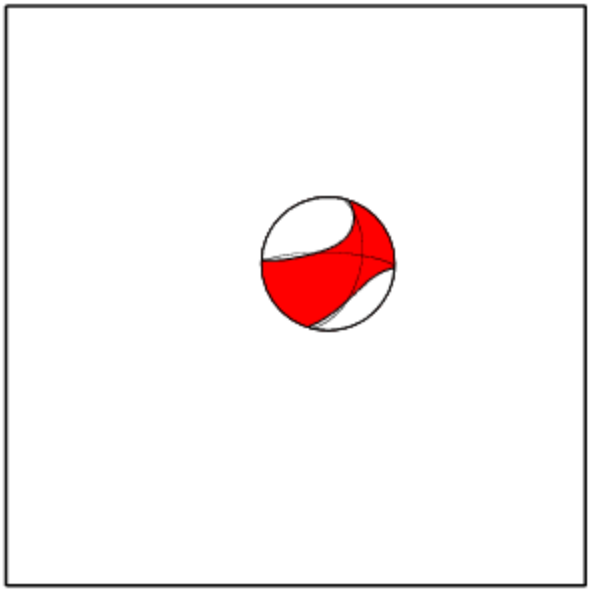

Even date-time: 20110401 01:27:57
Displacement (m). Inversion band (Hz) 0.01 0.02 0.04 0.05
Gray waveforms weren't used in inversion.
Blue numbers are variance reduction
Observed
Synthetic
NS
EW
Z
HEL
BCI
MON
RRE
0.93
0.60
0.35
0.21
0.13
0.90
-0.51
0.07
-0.09
0.04
0.10
0.47
Time (sec)

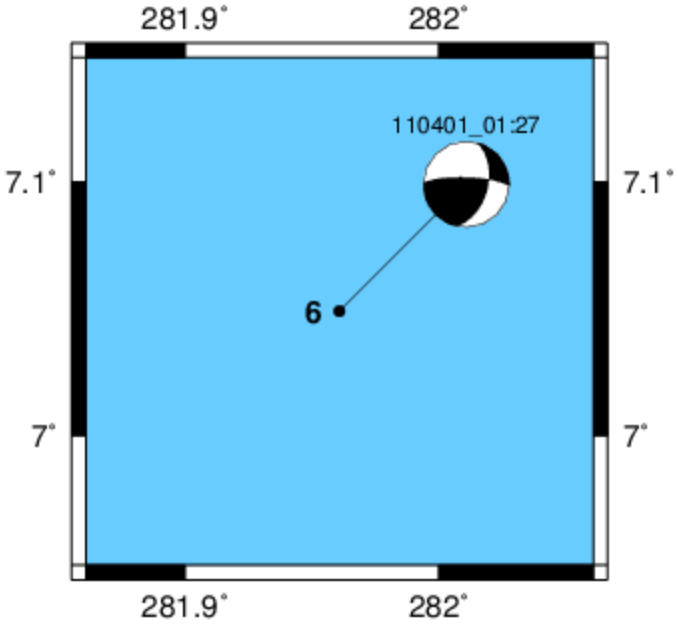
Variance Reduction per component

Station	NS	EW	Z
HEL	0.93	0.60	0.35
BCI	0.21	0.13	0.90
MON	-0.51	0.07	-0.09
RRE	0.04	0.10	0.47


Source position
Time(sec)
DC%
Correlation
11
10
9
8
7
6
5
4
3
2
1
0
−7
−6
−5
−4
−3
−2
−1
0
100
90
80
70
60
50
40
30
20
10
0
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0


Correlation vs Depth Plot
Correlation
0.7
0.6
4
5
6
7
8
9
10
11
12
13
14
15
Depth (km)
DC%
100
90
80
70
60
50
40
30
20
10
0





MOMENT TENSOR SOLUTION

HYPOCENTER LOCATION (RSNC)

Origin time 20110401 01:27:57.00
Lat 7.049 Lon -78.039 Depth 1

CENTROID

Trial source number : 6 (Fixed Epicenter inversion)
Centroid Lat 7.049 Lon -78.039
Centroid Depth : 10
Centroid time : -4.32 (sec) relative to origin time

Moment (Nm) : 9.810e+015
Mw : 4.6
VOL% :0
DC% :42.3
CLVD% :57.7
Var.red.(for stations used in inversion):0.42
Var.red.(for all stations) :0.42

Strike	Dip	Rake
14	49	18
Strike	**Dip**	**Rake**
271	76	138

P-axis	Azimuth	Plunge
	328	17
T-axis	**Azimuth**	**Plunge**
	224	39

Stations-Components Used

Station	NS	EW	Ver
HEL	+	+	+
BCI	+	+	+
MON	-	+	+
RRE	+	+	+

Mrr	Mtt	Mpp
3.785	-4.737	0.953
Mrt	**Mrp**	**Mtp**
-5.054	-0.525	-7.182

Exponent (Nm): 15

Polarities