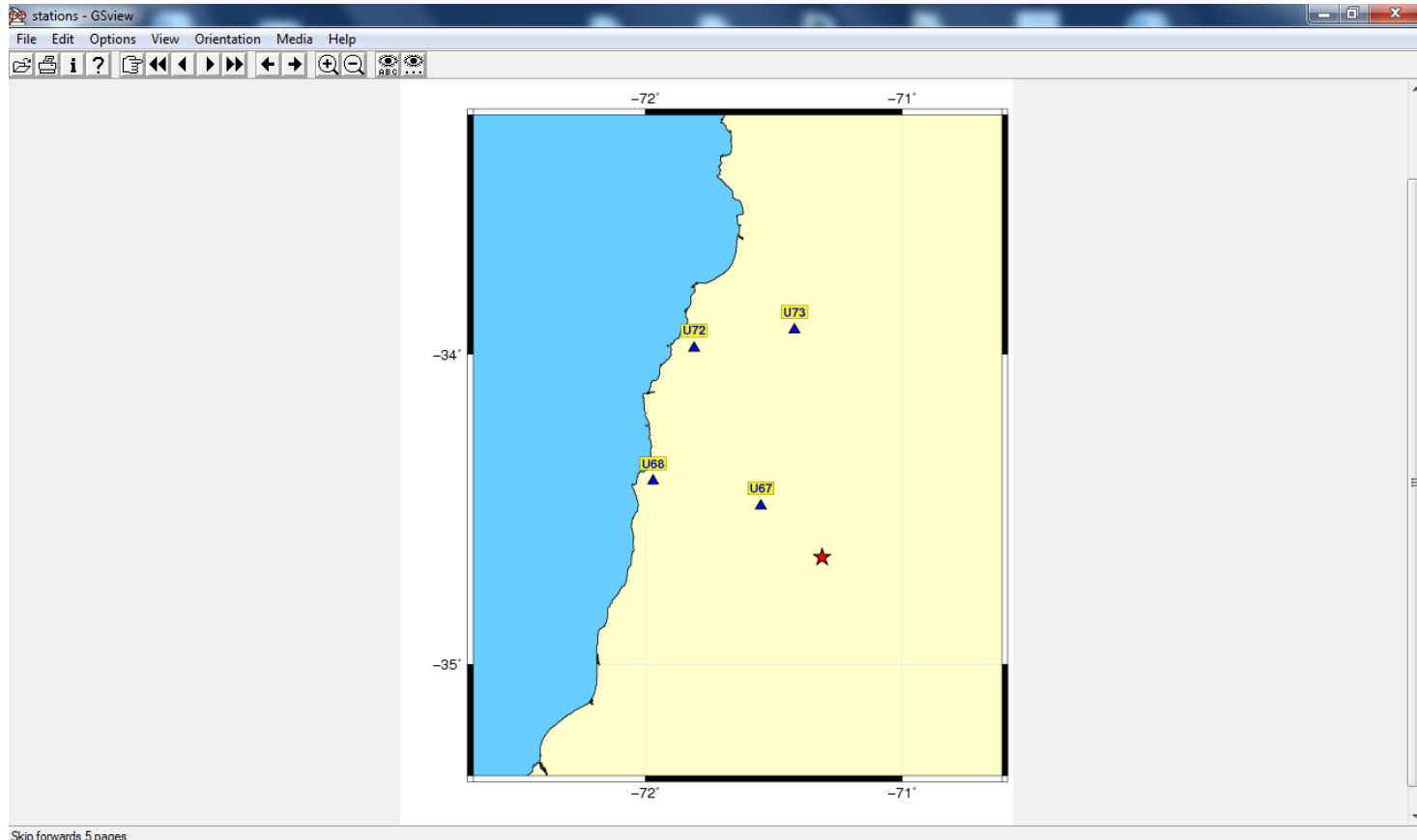


Evento (Hypocenter):

- Fecha: 29/09/2010 // 16:29:51.9 (UTC)
- Lat. ; Long: -34.656; -71.312
- Prof.: 40.7 km
- Mag.: 4.1

Estaciones





Distancias

Preview of C:\nuevoisola\092916\green\station.dat

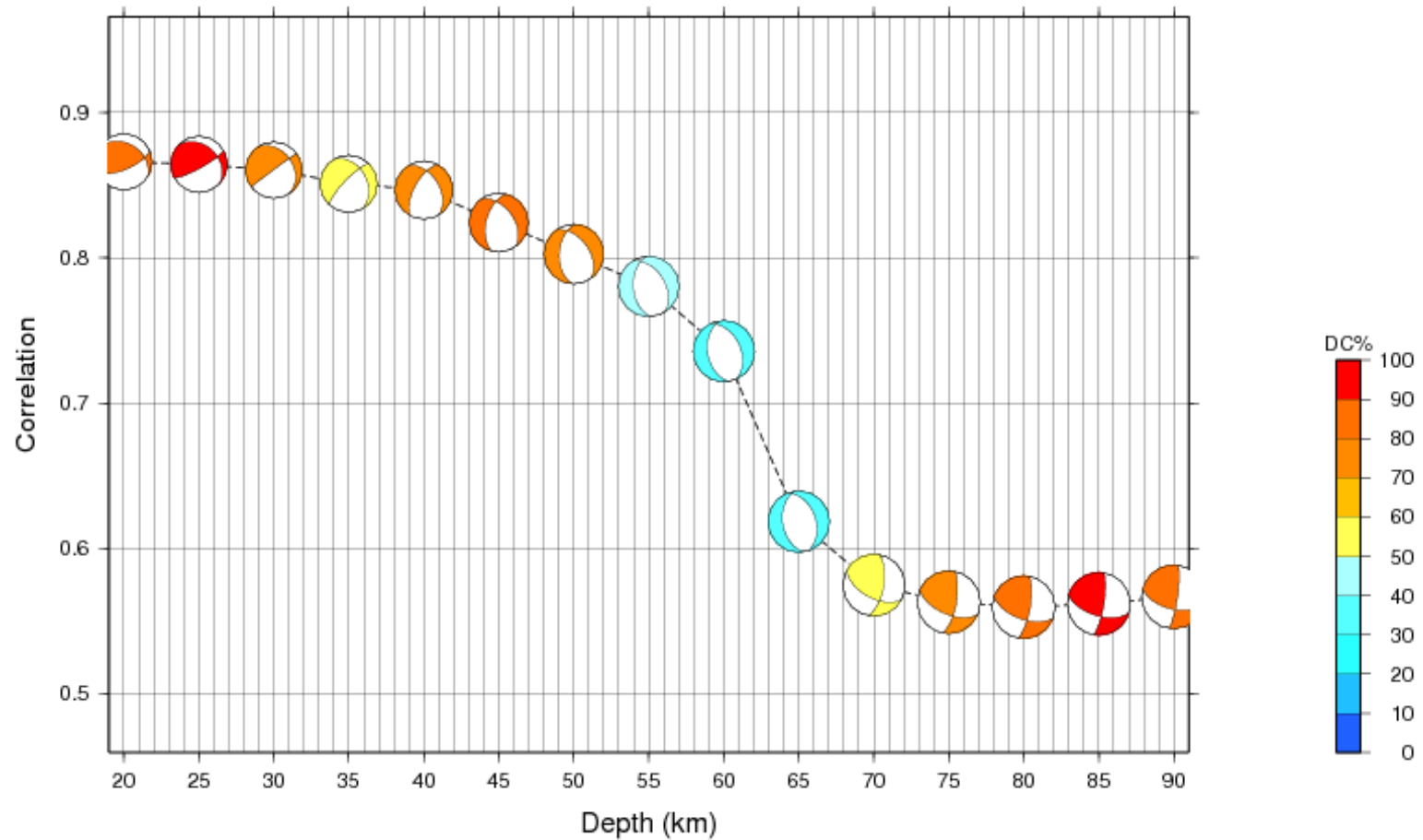
Station co-ordinates

x (N>0, km) , y (E>0, km) , z (km) , azim. , dist. , stat.

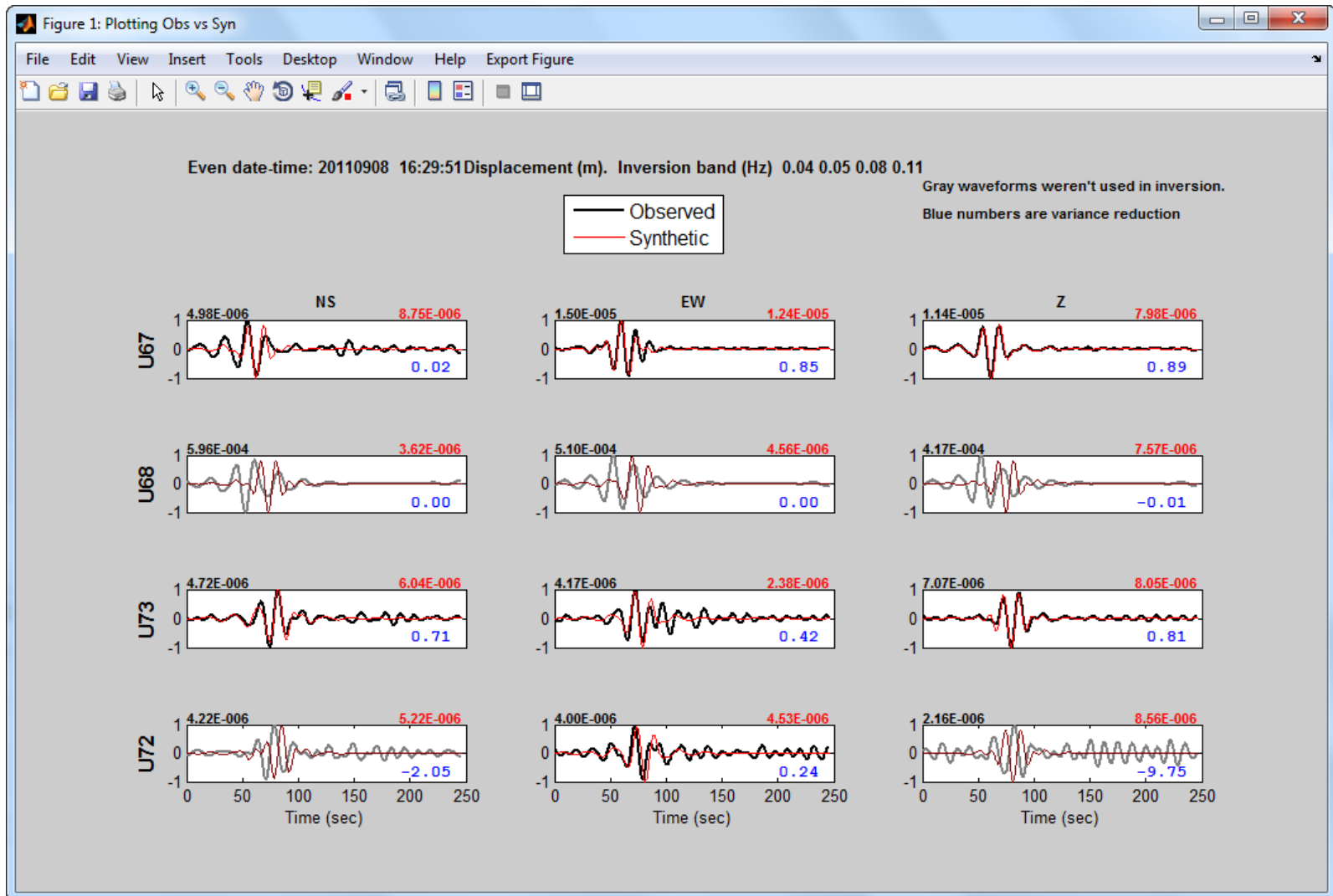
18.3891	-21.8605	0.0000	310.0705	<u>28.5664</u>	U67	U	
27.0922	-60.4953	0.0000	294.1247	66.2848	U68	U	
81.6374	-9.9872	0.0000	353.0253	82.2460	U73	U	
74.8743	-46.0193	0.0000	328.4243	<u>87.8860</u>	U72	U	

Correlación

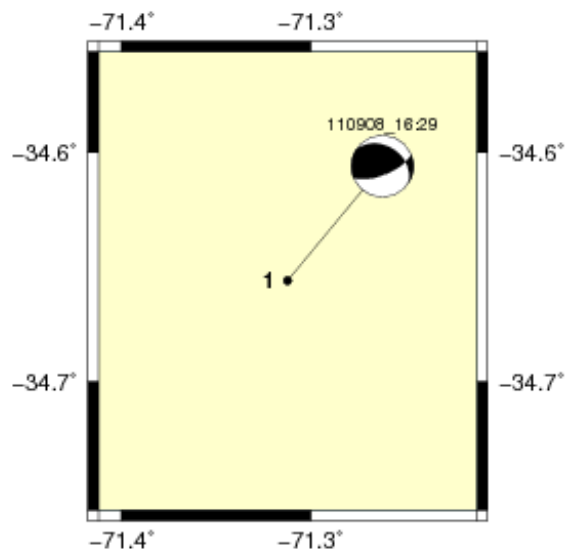
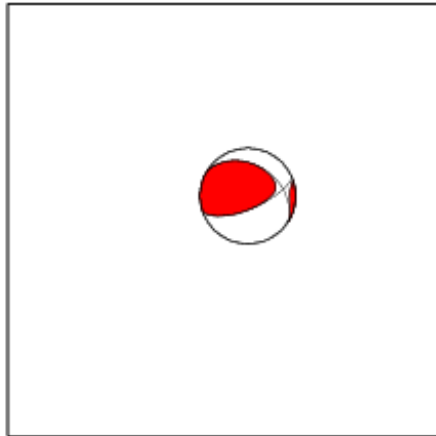
Correlation vs Depth Plot



Sintéticos vs. Observados



Solución Tensor Momento



MOMENT TENSOR SOLUTION

HYPOCENTER LOCATION (UPSL)

Origin time 20110908 16:29:51.90
 Lat -34.656 Lon -71.312 Depth 40.7

CENTROID

Trial source number : 1 (Fixed Epicenter inversion)
 Centroid Lat -34.656 Lon -71.312
 Centroid Depth : 20
 Centroid time : +2.55 (sec) relative to origin time

Moment (Nm) : 5.691e+015

Mw : 4.4

VOL% : 0

DC% : 87.8

CLVD% : 12.2

Var.red. (for stations used in inversion) : 0.45

Var.red. (for all stations) : 0.0014

Strike	Dip	Rake	Stations-Components Used			
68	68	62	Station	NS	EW	Ver
Strike	Dip	Rake	U67	+	+	+
303	35	139	U68	-	-	-
P-axis	Azimuth	Plunge	U73	+	+	+
	178	18	U72	-	+	-
T-axis	Azimuth	Plunge				
	300	57				

Mrx Mtt Mpp
 3.549 -4.543 0.993
 Mrt Mrp Mtp
 2.941 2.496 0.627
 Exponent (Nm) : 15

Global CMT Catalog

Search criteria:

Start date: 2010/9/29 End date: 2010/9/29
-35 <=lat<= -34 -72 <=lon<= -71
0 <=depth<= 100 -9999 <=time shift<= 9999
0 <=mb<= 10 0<=Ms<= 10 0<=Mw<= 10
0 <=tension plunge<= 90 0 <=null plunge<= 90

Results

201009291629A NEAR COAST OF CENTRAL CH

Date: 2010/ 9/29 Centroid Time: 16:29:56.4 GMT
Lat= -34.49 Lon= -71.75
Depth= 56.9 Half duration= 0.8
Centroid time minus hypocenter time: 6.4
Moment Tensor: Expo=23 3.320 -0.631 -2.690 0.597 -2.200 -2.830
Mw = 5.1 mb = 4.9 Ms = 0.0 Scalar Moment = 4.73e+23
Fault plane: strike=62 dip=42 slip=134
Fault plane: strike=190 dip=61 slip=58

