

UTM SAD69 (meters)

| | | |
|----|-------------|-----------|
| X: | 356863.443 | +/- 0.007 |
| Y: | 8988228.627 | +/- 0.007 |

BASELINE RESULTS

| | |
|---|------------------------------------|
| Solution Type: L1 (fixed) | Processing Interval: 15.00 seconds |
| Time Interval: 2009/02/15 11:11:00.00 to 2009/02/15 11:49:45.00 [38.8 min.] | |
| Observations: 1367 | Observations Used: 1367 [100.00%] |
| RMS (meters): 0.025 | Ratio Quality Factor: 31.8 |

| | | |
|----------------------|------------------------|---------------------|
| ECEF Vector (meters) | SAD69 | UTM SAD69 |
| dx: 1169.430 | FwdAz: 112 22 32.81750 | Az: 112 09 56.88466 |
| dy: 1600.967 | BwdAz: 292 22 22.52269 | |
| dz: -801.268 | FwdVA: 90 24 22.02591 | |
| | BwdVA: 89 36 47.18207 | |

| | | |
|-----------------|------------------|------------------|
| Dist3D (meters) | DistGeo (meters) | DistMap (meters) |
| 2138.385 | 2138.393 | 2137.902 |

ECEF LOWER COVARIANCE MATRIX (meters²)

| | | |
|---------------|---------------|--------------|
| 1.399957e-04 | | |
| -3.767913e-05 | 4.434377e-05 | |
| -4.082224e-05 | -3.978037e-06 | 6.186166e-05 |

| | |
|--|---------------------|
| EZSurv Post Processor 2.20 | BASELINE SUMMARY |
| BASELINE: NOVA.DESCOBERTA-Estatico1086 | BASELINE OCCUPATION |
| NO.: 01 | |

Project: C:\...\Claudio - Nova Descoberta - 15-02-2009.spr [1n8]
 Processing Date: 2009/02/24 08:53:37 (LOCAL) Time Zone: GMT-3.00h
 Orbits: Broadcast Clock Model: Broadcast
 Mapping System: UTM SAD69 [Universal Tran...] Datum: SAD69
 Geoid Model: <None>
 Elevation Cutoff: 15

BASE STATION (NOVA.DESCOBERTA) [C:\...\Nova
Descoberta\Cant046n.090]

Site Occupation: 01 Antenna Height: 1.275 [Slant: 1.275]
Measurement Interval: 15.00 seconds Antenna Model: Base (meters)

| WGS84 | SAD69 | UTM SAD69 (meters) |
|-----------------------|-----------------------|--------------------|
| Lat: S 9 08 37.40301 | Lat: S 9 08 35.89297 | X: 354883.540 |
| Lon: W 40 19 15.75688 | Lon: W 40 19 14.44890 | Y: 8989035.232 |

| | |
|--------------------|--------------------|
| Elevation (meters) | Elevation (meters) |
| Hgt: 359.766 | Hgt: 383.788 |
| Und: 0.000 | Und: 0.000 |

MSL: 359.766 MSL: 383.788

REMOTE STATION (Estatico1086) [C:\...\BASE2-090215-A.OBS]

Site Occupation: 01 Antenna Height: 1.939 [Slant: 1.940]
Measurement Interval: 15.00 seconds Antenna Model: Movel (meters)

WGS84 (meters) SAD69 (meters)
Lat: S 9 09 06.35106 +/- 0.009 Lat: S 9 09 04.84073 +/- 0.009
Lon: W 40 17 52.51070 +/- 0.008 Lon: W 40 17 51.20339 +/- 0.008

Elevation (meters) Elevation (meters)
Hgt: 343.231 +/- 0.017 Hgt: 367.262 +/- 0.017
Und: 0.000 Und: 0.000
MSL: 343.231 MSL: 367.262

UTM SAD69 (meters)
X: 357428.001 +/- 0.008
Y: 8988155.237 +/- 0.009

BASELINE RESULTS

Solution Type: L1 (fixed) Processing Interval: 15.00 seconds
Time Interval: 2009/02/15 12:00:45.00 to 2009/02/15 12:19:45.00 [19.0 min.]
Observations: 613 Observations Used: 613 [100.00%]
RMS (meters): 0.021 Ratio Quality Factor: 1.9

ECEF Vector (meters) SAD69 UTM SAD69
dx: 1524.031 FwdAz: 109 17 16.08898 Az: 109 04 40.12951
dy: 2040.284 BwdAz: 289 17 02.85514
dz: -875.476 FwdVA: 90 21 49.38313
BwdVA: 89 39 37.75252

Dist3D (meters) DistGeo (meters) DistMap (meters)
2692.933 2692.943 2692.336

ECEF LOWER COVARIANCE MATRIX (meters^2)

1.911480e-04
-8.499153e-05 1.234713e-04
-1.182967e-04 7.574772e-05 1.155832e-04

EZSurv Post Processor 2.20 BASELINE SUMMARY
BASELINE: NOVA.DESCOBERTA-Estatico1087 BASELINE OCCUPATION
NO.: 01

Project: C:\...\Claudio - Nova Descoberta - 15-02-2009.spr [1n8]
Processing Date: 2009/02/24 08:53:37 (LOCAL) Time Zone: GMT-3.00h
Orbits: Broadcast Clock Model: Broadcast

Mapping System: UTM SAD69 [Universal Tran...] Datum: SAD69
Geoid Model: <None>
Elevation Cutoff: 15

BASE STATION (NOVA.DESCOBERTA) [C:\...\Nova
Descoberta\Cant046n.090]

Site Occupation: 01 Antenna Height: 1.275 [Slant: 1.275]
Measurement Interval: 15.00 seconds Antenna Model: Base (meters)

WGS84 SAD69 UTM SAD69 (meters)
Lat: S 9 08 37.40301 Lat: S 9 08 35.89297 X: 354883.540
Lon: W 40 19 15.75688 Lon: W 40 19 14.44890 Y: 8989035.232

Elevation (meters) Elevation (meters)
Hgt: 359.766 Hgt: 383.788
Und: 0.000 Und: 0.000
MSL: 359.766 MSL: 383.788

REMOTE STATION (Estatico1087) [C:\...\BASE2-090215-B.OBS]

Site Occupation: 01 Antenna Height: 1.939 [Slant: 1.940]
Measurement Interval: 15.00 seconds Antenna Model: Movel (meters)

WGS84 (meters) SAD69 (meters)
Lat: S 9 09 04.30440 +/- 0.003 Lat: S 9 09 02.79408 +/- 0.003
Lon: W 40 17 51.31300 +/- 0.004 Lon: W 40 17 50.00570 +/- 0.004

Elevation (meters) Elevation (meters)
Hgt: 342.647 +/- 0.005 Hgt: 366.679 +/- 0.005
Und: 0.000 Und: 0.000
MSL: 342.647 MSL: 366.679

UTM SAD69 (meters)
X: 357464.336 +/- 0.004
Y: 8988218.238 +/- 0.003

BASELINE RESULTS

Solution Type: L1 (fixed) Processing Interval: 15.00 seconds
Time Interval: 2009/02/15 12:23:30.00 to 2009/02/15 12:56:15.00 [32.8 min.]
Observations: 1170 Observations Used: 1170 [100.00%]
RMS (meters): 0.013 Ratio Quality Factor: 19.5

ECEF Vector (meters) SAD69 UTM SAD69
dx: 1554.871 FwdAz: 107 46 33.75427 Az: 107 33 57.81803
dy: 2062.079 BwdAz: 287 46 20.33044
dz: -813.301 FwdVA: 90 22 27.12695
BwdVA: 89 39 00.47497

| | | |
|-----------------|------------------|------------------|
| Dist3D (meters) | DistGeo (meters) | DistMap (meters) |
| 2707.629 | 2707.638 | 2707.025 |

ECEF LOWER COVARIANCE MATRIX (meters^2)

| | | |
|---------------|--------------|--------------|
| 1.595186e-05 | | |
| -3.700890e-06 | 2.614859e-05 | |
| -6.473973e-06 | 6.311955e-06 | 1.446235e-05 |