

Nome do Projeto: CODEVASF – PERNAMBUCO
Local do Projeto: Município de Petrolina – Localidade de Cristália
Hora da Criação: 04/3/2009 20:07:52
Criado por: Cláudio/Ricardo
Unidade Linear: Meters
Unidade Angular: DMS
Projeção: Marco de Apoio
Datum: SAMER69_Brasil

EZSurv Post Processor 2.20
BASELINE: Cristalia.E_0-E_1

BASELINE SUMMARY
BASELINE OCCUPATION NO.: 01

Project: C:\...\Claudio - Cristalina - 20-02-2009.spr [23k]
Processing Date: 2009/03/04 20:07:52 (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 (Cristalina.E_0) [C:\...\20-02-2009\Cant051p.09O]

Site Occupation: 01 Antenna Height: 1.431 [Slant: 1.432]
Measurement Interval: 15.00 seconds Antenna Model: Base (meters)

WGS84	SAD69	UTM SAD69 (meters)
Lat: S 8 49 16.04685	Lat: S 8 49 14.54539	X: 349756.615
Lon: W 40 21 59.34954	Lon: W 40 21 58.04132	Y: 9024691.797

Elevation (meters)	Elevation (meters)
Hgt: 416.929	Hgt: 441.180
Und: 0.000	Und: 0.000
MSL: 416.929	MSL: 441.180

REMOTE STATION (E_1) [C:\...\Desktop\CLAUDIO - 20-02-2009\BASE2-090220.OBS]

Site Occupation: 01 Antenna Height: 1.944 [Slant: 1.945]
Measurement Interval: 15.00 seconds Antenna Model: Base (meters)

WGS84	(meters)	SAD69	(meters)
Lat: S 8 49 10.32765	+/- 0.002	Lat: S 8 49 08.82623	+/- 0.002
Lon: W 40 21 54.57058	+/- 0.002	Lon: W 40 21 53.26241	+/- 0.002

Elevation (meters)		Elevation (meters)	
Hgt: 409.309	+/- 0.003	Hgt: 433.562	+/- 0.003
Und: 0.000		Und: 0.000	
MSL: 409.309		MSL: 433.562	

UTM SAD69 (meters)

X: 349901.993 +/- 0.002
Y: 9024868.015 +/- 0.002

BASELINE RESULTS

Solution Type: L1 (fixed) Processing Interval: 15.00 seconds
Time Interval: 2009/02/20 12:43:00.00 to 2009/02/20 13:34:15.00 [51.2 min.]
Observations: 1897 Observations Used: 1897 [100.00%]
RMS (meters): 0.009 Ratio Quality Factor: 99.0

ECEF Vector (meters) SAD69 UTM SAD69
dx: 109.383 FwdAz: 39 43 54.24703 Az: 39 31 20.02515
dy: 98.704 BwdAz: 219 43 53.51429
dz: 174.809 FwdVA: 91 54 37.78403
 BwdVA: 88 05 29.63280

Dist3D (meters) DistGeo (meters) DistMap (meters)
228.616 228.617 228.446

ECEF LOWER COVARIANCE MATRIX (meters^2)

6.858055e-06
-3.417606e-06 9.750566e-06
1.157832e-06 -1.145079e-06 4.009579e-06