Processing Summary
COLOSÓ

Project Information

Project name:	COLOSÓ
Date created:	28/08/2024 19:50:24
Time zone:	-5h 00'
Coordinate system name:	MAGNA-SIRGAS
Projection:	CTM12
Projection type:	TM
Start date and time:	24/08/2024 13:09:44
End date and time:	24/08/2024 17:15:14
Manually occupied points:	2
Processed:	28/08/2024 21:01:42

Processing Parameters

Parameters	Selected
Cut-off angle:	15°
Ephemeris type:	Broadcast
Solution type:	Automatic
GNSS type:	Automatic
Frequency:	Automatic
Fix ambiguities up to:	200 km
Min. duration for float solution (static):	5' 00"
Sampling rate:	Use all
Tropospheric model:	Hopfield
Ionospheric model:	Automatic
Use stochastic modelling:	Yes
Min. distance:	8 km
Ionospheric activity:	Automatic

Baseline Overview

SINC - CLZ2	Reference: SINC	Rover: CLZ2
Receiver type / S/N:	TRIMBLE / 5146	A90 / A90046104115
Antenna type / S/N:	TRM59800.00 SCIS (2) / -	FOIA90 NONE / -
Antenna height:	0.1750 m	3.4800 m
Coordinates:		
Latitude:	9° 18' 56.13322" N	9° 29' 45.14846" N
Longitude:	75° 23' 15.65811" W	75° 21' 09.25225" W
Ellip. Hgt:	201.2431 m	158.8849 m
Solution type:	GPS fix, GLONASS float	
GNSS type:	GPS / GLONASS	
Frequency:	IonoFree (L3)	
Ambiguity:	Yes	
Time span:	24/08/2024 13:09:44 - 24/08/2024 17:15:14	
Duration:	4h 05' 30"	

Quality:	Sd. Lat: 0.0006 m	Sd. Lon: 0.0007 m	Sd. Hgt: 0.0018 m
	Posn. Qlty: 0.0009 m	Sd. Slope: 0.0006 m	

Baseline vector:	dLat: 0° 10' 49.01524"	dLon: 0° 02' 06.40586"	dHgt: -42.3583 m
	Slope: 20310.0294 m		
DOPs (min-max):	GDOP: 1.7 - 22.7		
	PDOP: 1.5 - 18.1	HDOP: 0.7 - 6.5	VDOP: 1.2 - 16.9
Number of used satellites:	GPS: 12		

SONE - CLZ2	**Reference: SONE**	**Rover: CLZ2**
Receiver type / S/N:	TRIMBLE / 5947	A90 / A90046104115
Antenna type / S/N:	TRM159900.00 SCIS (2) / -	FOIA90 NONE / -
Antenna height:	0.0350 m	3.4800 m
Coordinates:		
Latitude:	9° 43' 41.27188" N	9° 29' 45.14870" N
Longitude:	75° 31' 29.78114" W	75° 21' 09.25180" W
Ellip. Hgt:	23.9410 m	158.8681 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	IonoFree (L3)		
Ambiguity:	Yes		
Time span:	24/08/2024 13:09:44 - 24/08/2024 17:15:14		
Duration:	4h 05' 30"		
Quality:	Sd. Lat: 0.0007 m	Sd. Lon: 0.0006 m	Sd. Hgt: 0.0021 m
	Posn. Qlty: 0.0009 m	Sd. Slope: 0.0007 m	
Baseline vector:	dLat: -0° 13' 56.12318"	dLon: 0° 10' 20.52934"	dHgt: 134.9271 m
	Slope: 31905.1945 m		
DOPs (min-max):	GDOP: 2.2 - 12.9		
	PDOP: 1.9 - 10.4	HDOP: 0.8 - 3.9	VDOP: 1.8 - 9.6
Number of used satellites:	GPS: 11		
	GLONASS: 6		

SINC - CZO1	**Reference: SINC**	**Rover: CZO1**
Receiver type / S/N:	TRIMBLE / 5146	A90 / A90046104188
Antenna type / S/N:	TRM59800.00 SCIS (2) / -	FOIA90 NONE / -
Antenna height:	0.1750 m	1.2970 m
Coordinates:		
Latitude:	9° 18' 56.13322" N	9° 29' 44.27954" N
Longitude:	75° 23' 15.65811" W	75° 21' 08.36907" W
Ellip. Hgt:	201.2431 m	160.5057 m

Solution type:	GPS fix, GLONASS float
GNSS type:	GPS / GLONASS
Frequency:	IonoFree (L3)
Ambiguity:	Yes
Time span:	24/08/2024 13:08:44 - 24/08/2024 17:15:14
Duration:	4h 06' 30"

Quality:	Sd. Lat: 0.0017 m	Sd. Lon: 0.0026 m	Sd. Hgt: 0.0066 m
	Posn. Qlty: 0.0030 m	Sd. Slope: 0.0016 m	
Baseline vector:	dLat: 0° 10' 48.14633"	dLon: 0° 02' 07.28904"	dHgt: -40.7374 m
	Slope: 20288.9590 m		
DOPs (min-max):	GDOP: 2.5 - 15.5		
	PDOP: 2.1 - 12.7	HDOP: 1.0 - 3.8	VDOP: 1.8 - 12.5
Number of used satellites:	GPS: 8		
	GLONASS: 4		

CLZ2 - CZO1	**Reference: CLZ2**	**Rover: CZO1**
Receiver type / S/N:	A90 / A90046104115	A90 / A90046104188
Antenna type / S/N:	FOIA90 NONE / -	FOIA90 NONE / -
Antenna height:	3.4800 m	1.2970 m
Coordinates:		
Latitude:	9° 29' 45.14857" N	9° 29' 44.27966" N
Longitude:	75° 21' 09.25201" W	75° 21' 08.36984" W
Ellip. Hgt:	158.8776 m	160.5155 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Time span:	24/08/2024 13:09:35 - 24/08/2024 17:15:16		
Duration:	4h 05' 41"		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	
Baseline vector:	dLat: -0° 00' 00.86891"	dLon: 0° 00' 00.88217"	dHgt: 1.6379 m
	Slope: 37.9398 m		
DOPs (min-max):	GDOP: 1.8 - 192.1		
	PDOP: 1.6 - 152.4	HDOP: 0.7 - 53.0	VDOP: 1.3 - 142.8
Number of used satellites:	GPS: 12		
	GLONASS: 10		