

Land Survey Overview

GNSS Solutions

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Project Name : Project12

Spatial Reference System : USA/NAD83-CORS96/Arkansas (South)~1

Time Zone : (GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

Linear Units : Meters

Coordinate System Summary

Coordinate system

Name : USA/NAD83-CORS96/Arkansas (South)~1
Type : Projected
Unit name : Meters
Meters per unit : 1
Vertical datum : Geoid12
Vertical unit : Meters
Meters per unit : 1

Datum

Name : NAD83-CORS96=NAD83_CORS96,2002,HTDP
Ellipsoid Name : GRS 1980
Semi-major Axis : 6378137.000 m
Inverse Flattening : 298.257222101
DX to WGS84 : 0.0000 m
DY to WGS84 : 0.0000 m
DZ to WGS84 : 0.0000 m
RX to WGS84 : 0.000000 "
RY to WGS84 : 0.000000 "
RZ to WGS84 : 0.000000 "
ppm to WGS84 : 0.000000000000

Projection

Projection Class : Lambert_Conformal_Conic_2SP
latitude_of_origin : 32° 40' 00.00000"N
central_meridian : 92° 00' 00.00000"W
standard_parallel_1 : 34° 46' 00.00000"N
standard_parallel_2 : 33° 18' 00.00000"N
false_easting : 400000.000 m
false_northing : 400000.000 m

Control Points

Name	Components	95% Error	Status	Control
VRS1	East	583467.646	0.000	FIXED
	North	660251.432	0.000	FIXED
	Ortho height	117.357	0.000	FIXED

Logged Points

Name		Components	95% Error	Status
TJ21	East	583467.619	0.008	Adjusted
	North	660250.468	0.011	Adjusted
	Ortho height	112.084	0.021	Adjusted

Files

Name	Start Time	Sampling	Epochs	Size (Kb)	Type
TJ213000.180	18/10/27 21:10:00	1	3601	3175	L1 GPS/GLONASS/WAAS
BVRS1A18.299	18/10/27 01:00:00	30	2619	4710	L1/L2 GPS/GLONASS

VRS Files

Name	Site	Reference stations
BVRS1A18.299	VRS1	a192,okmu,tn16

Occupations

Site	Start Time	Time span	Type	File
TJ21	October 27 2018 21:10:00.00	01:00:00.00	Static	TJ213000.180
___1	October 27 2018 01:00:00.00	21:59:30.00	Static	BVRS1A18.299

Processes

Reference	Reference File	Rover	Rover File	Mode	Num
VRS1	BVRS1A18.299	TJ21	TJ213000.180	Static	1

Processed vectors

Vector Identifier	Vector Length	95% Error	Components	95% Error	SV	PDOP	QA	Solution
VRS1 - TJ21	5.361	0.035	X	-0.047	0.008	17	1.3	Fixed
18/10/27 21:10:00.00			Y	3.767	0.018			
+01:00:00.00			Z	-3.814	0.015			

Adjusted vectors

Vector Identifier	Vector Length	Length Resid.	Components	Resid.	Tau Test	QA
VRS1 - TJ21	5.361	0.000	X	-0.047	0.000	
18/10/27 21:10:00.00			Y	3.767	0.000	
			Z	-3.814	0.000	