


## FPRN Datasheet

Site Name:	Andulusia	
Site Code:	ALAN	
RTCM Code:	0353	
Receiver Type:	LEICA GRX1200GGPRO	
Serial Number:	350455	
Firmware:	-	
Antenna Type:	LEIAX1202GG NONE	
Serial Number:	08090165	
Satellite Systems:	G/R/-/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
113.631 M	113.643 M	- M

### NAD 83 (2011) epoch 2010.000 Current Broadcast Datum of FPRN

After 1/6/2020

Geodetic Position*	
Latitude	31°18'26.54939" N
E Longitude	273°30'57.77219" E
W Longitude	86°29'02.22781" W
Ellipsoid Height	86.668 M
Cartesian Coordinates*	
X = 334510.135 M	
Y = -5444167.702 M	
Z = 3295102.989 M	

State Plane Coordinates*	
Zone: AL E	
N: 89691.038 M	
E: 138065.190 M	
UTM Coordinates*	
Zone: 16	
N: 3463782.514 M	
E: 549106.632 M	

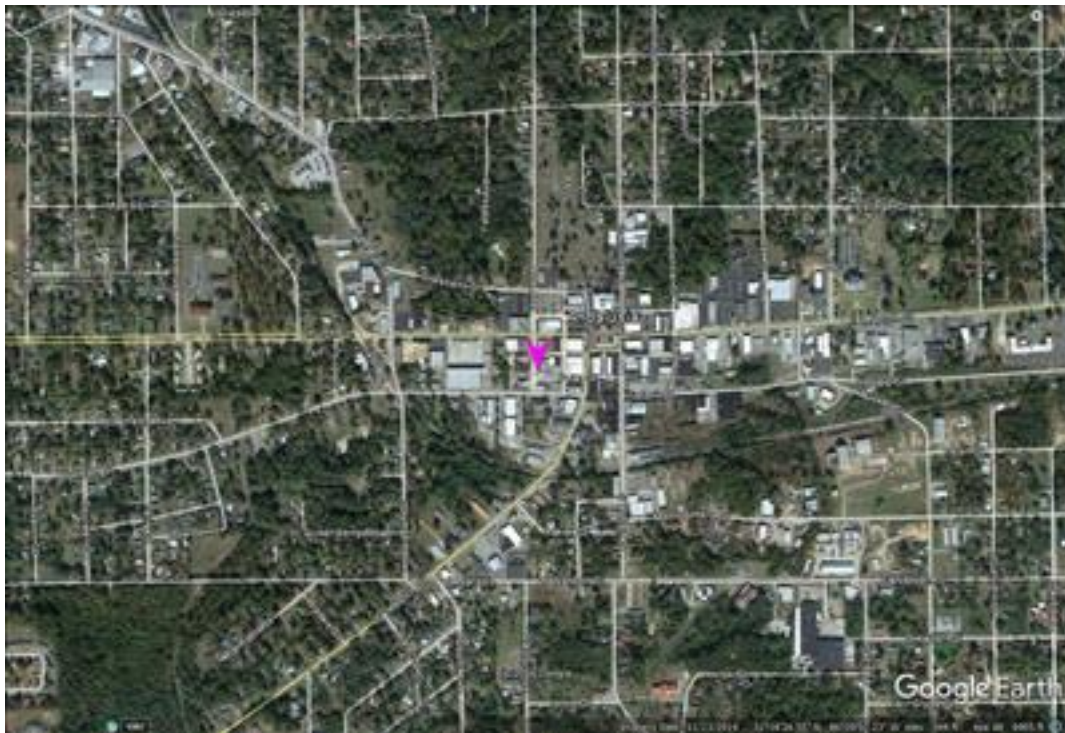
### ITRF 2014 epoch 2019.839

After 1/6/2020

Geodetic Position*	
Latitude	31° 18' 26.57106" N
E Longitude	273° 30' 57.74356" E
W Longitude	86° 29' 02.25644" W
Ellipsoid Height	85.257 M
Cartesian Coordinates*	
X = 334509.284 M	
Y = -5444166.198 M	
Z = 3295102.825 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 16	
N: 3463783.177 M	
E: 549105.872 M	

FPRN Datasheet  
For  
Andalusia (ALAN)



\* Positions and Coordinates were calculated using OPUS Projects software published by National Geodetic Survey (NGS).  
\*\* FPRN18 Orthometric Heights were calculated using Infinity software published by Leica Geosystems.



### NAD 83 (2011) epoch 2010.000

After 9/6/2019

Geodetic Position*	
Latitude	31° 18' 26.54937" N
W Longitude	86° 29' 02.22783" W
Ellipsoid Height	86.669 M
Cartesian Coordinates*	
X = 334510.134 M	
Y = -5444167.703 M	
Z = 3295102.989 M	

State Plane Coordinates*									
Zone: AL E									
N: 89691.038 M									
E: 138065.189 M		UTM Coordinates*		Zone: 16		N: 3463782.513 M		E: 549106.632 M	
UTM Coordinates*									
Zone: 16									
N: 3463782.513 M									
E: 549106.632 M									

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	31° 18' 26.57080" N
E Longitude	273° 30' 57.74834" E
W Longitude	86° 29' 02.25166" W
Ellipsoid Height	85.265 M
Cartesian Coordinates*	
X = 334509.411 M	
Y = -5444166.202 M	
Z = 3295102.823 M	

State Plane Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 16		N: 3463783.170 M		E: 549105.999 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 16		N: 3463783.170 M		E: 549105.999 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: 16		N: 3463783.170 M		E: 549105.999 M																	
UTM Coordinates*																									
Zone: 16																									
N: 3463783.170 M																									
E: 549105.999 M																									

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	31° 18' 26.54938" N
W. Longitude	86° 29' 02.22780" W
Ellipsoid Height	86.662 M
Cartesian Coordinates*	
X = 334510.135 M	
Y = -5444167.697 M	
Z = 3295102.986 M	

State Plane Coordinates*									
Zone: AL E									
N: 89691.038 M									
E: 138065.190 M		UTM Coordinates*		Zone: 16		N: 3463782.513 M		E: 549106.633 M	
UTM Coordinates*									
Zone: 16									
N: 3463782.513 M									
E: 549106.633 M									



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	31° 18' 26.54938" N
W. Longitude	86° 29' 02.22780" W
Ellipsoid Height	86.662 M
Cartesian Coordinates*	
X = 334510.135 M	
Y = -5444167.697 M	
Z = 3295102.986 M	

State Plane Coordinates*	
Zone: AL E	
N: 89691.038 M	
E: 138065.190 M	
UTM Coordinates*	
Zone: 16	
N: 3463782.513 M	
E: 549106.633 M	

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	31° 18' 26.54938" N
W. Longitude	86° 29' 02.22780" W
Ellipsoid Height	86.662 M
Cartesian Coordinates*	
X = 334510.135 M	
Y = -5444167.697 M	
Z = 3295102.985 M	

State Plane Coordinates*	
Zone: AL E	
N: 89691.038 M	
E: 138065.190 M	
UTM Coordinates*	
Zone: 16	
N: 3463782.513 M	
E: 549106.633 M	

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	31° 18' 26.54978" N
W. Longitude	86° 29' 02.22870" W
Ellipsoid Height	86.665 M
Cartesian Coordinates*	
X = 334510.111 M	
Y = -5444167.694 M	
Z = 3295102.998 M	

State Plane Coordinates*	
Zone: AL E	
N: 89691.050 M	
E: 138065.166 M	
UTM Coordinates*	
Zone: 16	
N: 3463782.526 M	
E: 549106.609 M	