


## FPRN Datasheet

Site Name:	Homestead	 <p><b>FDOT</b> Florida Permanent Reference Network</p>
Site Code:	HOME	
RTCM Code:	0603	
Receiver Type:	LEICA GR30	
Serial Number:	1702027	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16268024	
Satellite Systems:	G/R/E/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
- M	5.502 M	5.495 M

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

After 1/6/2020

Geodetic Position*	
Latitude	25°30'03.79580" N
E Longitude	279°26'59.56754" E
W Longitude	80°33'00.43246" W
Ellipsoid Height	-19.159 M
Cartesian Coordinates*	
X = 945756.811 M	
Y = -5682149.851 M	
Z = 2729267.726 M	

State Plane Coordinates*	
Zone: FL E	
N: 129419.259 M	
E: 245227.138 M	
UTM Coordinates*	
Zone: 17	
N: 2820507.083 M	
E: 545211.706 M	

### ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	25° 30' 03.81469" N
E Longitude	279° 26' 59.54826" E
W Longitude	80° 33' 00.45174" W
Ellipsoid Height	-20.776 M
Cartesian Coordinates*	
X = 945755.999 M	
Y = -5682148.252 M	
Z = 2729267.554 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 2820507.663 M	
E: 545211.166 M	

FPRN Datasheet  
For  
Homestead (HOME)



\* 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	25° 30' 03.79554" N
W Longitude	80° 33' 00.43181" W
Ellipsoid Height	-19.142 M
Cartesian Coordinates*	
X = 945756.832 M	
Y = -5682149.866 M	
Z = 2729267.726 M	

State Plane Coordinates*											
Zone: FL E											
N: 129419.251 M											
E: 245227.157 M				UTM Coordinates*		Zone: 17		N: 2820507.076 M		E: 545211.724 M	
UTM Coordinates*											
Zone: 17											
N: 2820507.076 M											
E: 545211.724 M											

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	25° 30' 03.81463" N
E Longitude	279° 26' 59.54861" E
W Longitude	80° 33' 00.45139" W
Ellipsoid Height	-20.759 M
Cartesian Coordinates*	
X = 945756.011 M	
Y = -5682148.267 M	
Z = 2729267.560 M	

State Plane Coordinates*																											
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 2820507.661 M		E: 545211.176 M	
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 2820507.661 M		E: 545211.176 M									
Zone: -																											
N: - M																											
E: - M				UTM Coordinates*		Zone: 17		N: 2820507.661 M		E: 545211.176 M																	
UTM Coordinates*																											
Zone: 17																											
N: 2820507.661 M																											
E: 545211.176 M																											

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	25° 30' 03.79565" N
W. Longitude	80° 33' 00.43217" W
Ellipsoid Height	-19.134 M
Cartesian Coordinates*	
X = 945756.823 M	
Y = -5682149.873 M	
Z = 2729267.733 M	

State Plane Coordinates*											
Zone: FL E											
N: 129419.255 M											
E: 245227.146 M				UTM Coordinates*		Zone: 17		N: 2820507.079 M		E: 545211.714 M	
UTM Coordinates*											
Zone: 17											
N: 2820507.079 M											
E: 545211.714 M											



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	25° 30' 03.79565" N
W. Longitude	80° 33' 00.43217" W
Ellipsoid Height	-19.134 M
Cartesian Coordinates*	
X = 945756.823 M	
Y = -5682149.873 M	
Z = 2729267.733 M	

State Plane Coordinates*	
Zone: FL E	
N: 129419.255 M	
E: 245227.146 M	
UTM Coordinates*	
Zone: 17	
N: 2820507.079 M	
E: 545211.714 M	

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	25° 30' 03.79552" N
W. Longitude	80° 33' 00.42956" W
Ellipsoid Height	-19.134 M
Cartesian Coordinates*	
X = 945756.895 M	
Y = -5682149.863 M	
Z = 2729267.729 M	

State Plane Coordinates*	
Zone: FL E	
N: 129419.251 M	
E: 245227.219 M	
UTM Coordinates*	
Zone: 17	
N: 2820507.075 M	
E: 545211.787 M	

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	25° 30' 03.79601" N
W. Longitude	80° 33' 00.43281" W
Ellipsoid Height	-19.160 M
Cartesian Coordinates*	
X = 945756.801 M	
Y = -5682149.848 M	
Z = 2729267.731 M	

State Plane Coordinates*	
Zone: FL E	
N: 129419.266 M	
E: 245227.128 M	
UTM Coordinates*	
Zone: 17	
N: 2820507.090 M	
E: 545211.696 M	