


## FPRN Datasheet

Site Name:	Avon Park	 <p><b>FDOT</b> Florida Permanent Reference Network</p>
Site Code:	AVON	
RTCM Code:	0101	
Receiver Type:	LEICA GR30	
Serial Number:	1702042	
Firmware:	4.30	
Antenna Type:	LEIAR20      NONE	
Serial Number:	16268025	
Satellite Systems:	G/R/E/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
47.747 M	47.728 M	47.685 M

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

After 1/6/2020

Geodetic Position*	
Latitude	27°35'42.78146" N
E Longitude	278°28'29.89153" E
W Longitude	81°31'30.10847" W
Ellipsoid Height	21.794 M
Cartesian Coordinates*	
X = 833663.193 M	
Y = -5594889.213 M	
Z = 2936835.372 M	

State Plane Coordinates*	
Zone: FL E	
N: 361465.128 M	
E: 148167.998 M	
UTM Coordinates*	
Zone: 17	
N: 3052473.780 M	
E: 448185.683 M	

### ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	27° 35' 42.80185" N
E Longitude	278° 28' 29.87001" E
W Longitude	81° 31' 30.12999" W
Ellipsoid Height	20.231 M
Cartesian Coordinates*	
X = 833662.362 M	
Y = -5594887.642 M	
Z = 2936835.204 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3052474.409 M	
E: 448185.096 M	

FPRN Datasheet  
For  
Avon Park (AVON)



\* 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	27° 35' 42.78114" N
W Longitude	81° 31' 30.10805" W
Ellipsoid Height	21.686 M
Cartesian Coordinates*	
X = 833663.191 M	
Y = -5594889.121 M	
Z = 2936835.313 M	

State Plane Coordinates*											
Zone: FL E											
N: 361465.118 M											
E: 148168.010 M				UTM Coordinates*		Zone: 17		N: 3052473.770 M		E: 448185.695 M	
UTM Coordinates*											
Zone: 17											
N: 3052473.770 M											
E: 448185.695 M											

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	27° 35' 42.80173" N
E Longitude	278° 28' 29.87033" E
W Longitude	81° 31' 30.12967" W
Ellipsoid Height	20.132 M
Cartesian Coordinates*	
X = 833662.358 M	
Y = -5594887.556 M	
Z = 2936835.155 M	

State Plane Coordinates*																											
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 3052474.406 M		E: 448185.105 M	
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 3052474.406 M		E: 448185.105 M									
Zone: -																											
N: - M																											
E: - M				UTM Coordinates*		Zone: 17		N: 3052474.406 M		E: 448185.105 M																	
UTM Coordinates*																											
Zone: 17																											
N: 3052474.406 M																											
E: 448185.105 M																											

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	27° 35' 42.78131" N
W. Longitude	81° 31' 30.10838" W
Ellipsoid Height	21.773 M
Cartesian Coordinates*	
X = 833663.193 M	
Y = -5594889.196 M	
Z = 2936835.358 M	

State Plane Coordinates*											
Zone: FL E											
N: 361465.124 M											
E: 148168.001 M				UTM Coordinates*		Zone: 17		N: 3052473.775 M		E: 448185.686 M	
UTM Coordinates*											
Zone: 17											
N: 3052473.775 M											
E: 448185.686 M											



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	27° 35' 42.78131" N
W. Longitude	81° 31' 30.10838" W
Ellipsoid Height	21.773 M
Cartesian Coordinates*	
X = 833663.193 M	
Y = -5594889.196 M	
Z = 2936835.358 M	

State Plane Coordinates*	
Zone: FL E	
N: 361465.124 M	
E: 148168.001 M	
UTM Coordinates*	
Zone: 17	
N: 3052473.775 M	
E: 448185.686 M	

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	27° 35' 42.78101" N
W. Longitude	81° 31' 30.10845" W
Ellipsoid Height	21.806 M
Cartesian Coordinates*	
X = 833663.196 M	
Y = -5594889.230 M	
Z = 2936835.365 M	

State Plane Coordinates*	
Zone: FL E	
N: 361465.115 M	
E: 148167.999 M	
UTM Coordinates*	
Zone: 17	
N: 3052473.766 M	
E: 448185.684 M	

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	27° 35' 42.78121" N
W. Longitude	81° 31' 30.10904" W
Ellipsoid Height	21.671 M
Cartesian Coordinates*	
X = 833663.162 M	
Y = -5594889.111 M	
Z = 2936835.308 M	

State Plane Coordinates*	
Zone: FL E	
N: 361465.121 M	
E: 148167.983 M	
UTM Coordinates*	
Zone: 17	
N: 3052473.772 M	
E: 448185.668 M	