


## FPRN Datasheet

Site Name:	Bartow	 <p><b>FDOT</b> Florida Permanent Reference Network</p>
Site Code:	BRTW	
RTCM Code:	0102	
Receiver Type:	LEICA GR30	
Serial Number:	1701952	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16268020	
Satellite Systems:	G/R/E/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
39.844 M	39.854 M	39.867 M

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

After 1/6/2020

Geodetic Position*	
Latitude	27°56'58.64227" N
E Longitude	278°13'01.79898" E
W Longitude	81°46'58.20102" W
Ellipsoid Height	13.601 M
Cartesian Coordinates*	
X =	805863.945 M
Y =	-5580464.298 M
Z =	2971581.227 M

State Plane Coordinates*	
Zone: FL W	
N: 400645.549 M	
E: 221369.589 M	
UTM Coordinates*	
Zone: 17	
N: 3091868.436 M	
E: 422992.704 M	

### ITRF 2014 epoch 2019.838

After 1/6/2020

Geodetic Position*	
Latitude	27° 56' 58.66292" N
E Longitude	278° 13' 01.77726" E
W Longitude	81° 46' 58.22274" W
Ellipsoid Height	12.035 M
Cartesian Coordinates*	
X =	805863.117 M
Y =	-5580462.720 M
Z =	2971581.055 M

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3091869.075 M	
E: 422992.115 M	

FPRN Datasheet  
For  
Bartow (BRTW)



\* 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° 56' 58.64247" N
W Longitude	81° 46' 58.20093" W
Ellipsoid Height	13.598 M
Cartesian Coordinates*	
X = 805863.947 M	
Y = -5580464.293 M	
Z = 2971581.231 M	

State Plane Coordinates*	
Zone: FL W	
N: 400645.555 M	
E: 221369.591 M	
UTM Coordinates*	
Zone: 17	
N: 3091868.442 M	
E: 422992.707 M	

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	27° 56' 58.66242" N
E Longitude	278° 13' 1.78134" E
W Longitude	81° 46' 58.21866" W
Ellipsoid Height	12.051 M
Cartesian Coordinates*	
X = 805863.231 M	
Y = -5580462.725 M	
Z = 2971581.049 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3091869.059 M	
E: 422992.226 M	

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	27° 56' 58.64214" N
W. Longitude	81° 46' 58.20071" W
Ellipsoid Height	13.577 M
Cartesian Coordinates*	
X = 805863.951 M	
Y = -5580464.278 M	
Z = 2971581.212 M	

State Plane Coordinates*	
Zone: FL W	
N: 400645.544 M	
E: 221369.597 M	
UTM Coordinates*	
Zone: 17	
N: 3091868.432 M	
E: 422992.713 M	

FPRN Datasheet  
For  
Bartow (BRTW)



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	27° 56' 58.64214" N
W. Longitude	81° 46' 58.20071" W
Ellipsoid Height	13.577 M
Cartesian Coordinates*	
X = 805863.951 M	
Y = -5580464.278 M	
Z = 2971581.212 M	

State Plane Coordinates*									
Zone: FL W									
N: 228204.929 M									
E: 388672.456 M		UTM Coordinates*		Zone: 17		N: 3091868.432 M		E: 422992.713 M	
UTM Coordinates*									
Zone: 17									
N: 3091868.432 M									
E: 422992.713 M									

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	27° 56' 58.64214" N
W. Longitude	81° 46' 58.20071" W
Ellipsoid Height	13.577 M
Cartesian Coordinates*	
X = 805863.951 M	
Y = -5580464.278 M	
Z = 2971581.212 M	

State Plane Coordinates*									
Zone: FL W									
N: 400645.545 M									
E: 221369.597 M		UTM Coordinates*		Zone: 17		N: 3091868.432 M		E: 422992.713 M	
UTM Coordinates*									
Zone: 17									
N: 3091868.432 M									
E: 422992.713 M									

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	27° 56' 58.64223" N
W. Longitude	81° 46' 58.20127" W
Ellipsoid Height	13.577 M
Cartesian Coordinates*	
X = 805863.935 M	
Y = -5580464.279 M	
Z = 2971581.215 M	

State Plane Coordinates*									
Zone: FL W									
N: 400645.547 M									
E: 221369.582 M		UTM Coordinates*		Zone: 17		N: 3091868.435 M		E: 422992.698 M	
UTM Coordinates*									
Zone: 17									
N: 3091868.435 M									
E: 422992.698 M									