


FPRN Datasheet

Site Name:	Boca Raton	 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	BOCA	
RTCM Code:	0401	
Receiver Type:	LEICA GR30	
Serial Number:	1702002	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16034011	
Satellite Systems:	G/R/E/-/-	

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
- M	6.603 M	6.596 M

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

After 1/6/2020

Geodetic Position*	
Latitude	26° 22' 51.52808" N
E Longitude	279° 53' 25.97422" E
W Longitude	80° 06' 34.02578" W
Ellipsoid Height	-19.293 M
Cartesian Coordinates*	
X = 982105.719 M	
Y = -5632698.005 M	
Z = 2816928.889 M	

State Plane Coordinates*	
Zone: FL E	
N: 2918182.867 M	
E: 588836.748 M	
UTM Coordinates*	
Zone: 17	
N: 227128.381 M	
E: 288867.069 M	

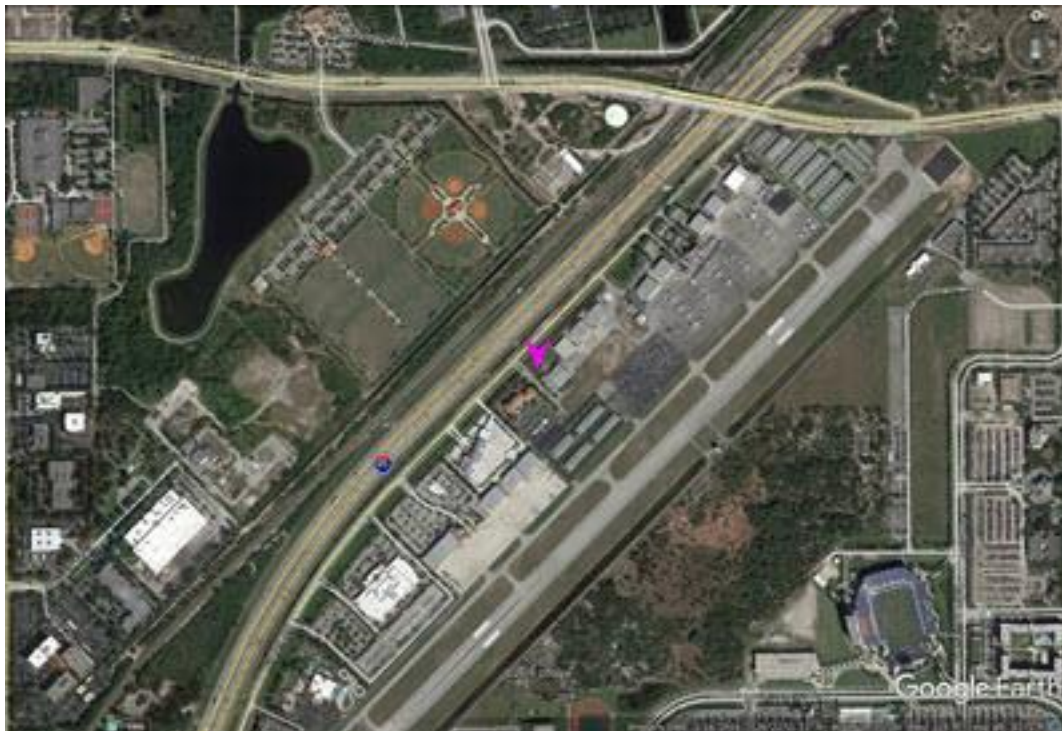
ITRF 2014 epoch 2019.908

After 1/6/2020

Geodetic Position*	
Latitude	26° 22' 51.54796" N
E Longitude	279° 53' 25.95488" E
W Longitude	80° 06' 34.04512" W
Ellipsoid Height	-20.897 M
Cartesian Coordinates*	
X = 982104.897 M	
Y = -5632696.413 M	
Z = 2816928.724 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 2918182.867 M	
E: 588836.748 M	

FPRN Datasheet
For
Boca Raton (BOCA)



* 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	26° 22' 51.52771" N
W Longitude	80° 06' 34.02532" W
Ellipsoid Height	-19.295 M
Cartesian Coordinates*	
X = 982105.732 M	
Y = -5632698.006 M	
Z = 2816928.878 M	

State Plane Coordinates*											
Zone: FL E											
N: 227128.370 M											
E: 288867.081 M				UTM Coordinates*		Zone: 17		N: 2918182.856 M		E: 588836.760 M	
UTM Coordinates*											
Zone: 17											
N: 2918182.856 M											
E: 588836.760 M											

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	26° 22' 51.54776" N
E Longitude	279° 53' 25.95517" E
W Longitude	80° 06' 34.04483" W
Ellipsoid Height	-20.894 M
Cartesian Coordinates*	
X = 982104.906 M	
Y = -5632696.417 M	
Z = 2816928.720 M	

State Plane Coordinates*																											
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 2918183.469 M		E: 588836.215 M	
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 2918183.469 M		E: 588836.215 M									
Zone: -																											
N: - M																											
E: - M				UTM Coordinates*		Zone: 17		N: 2918183.469 M		E: 588836.215 M																	
UTM Coordinates*																											
Zone: 17																											
N: 2918183.469 M																											
E: 588836.215 M																											

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	26° 22' 51.52793" N
W. Longitude	80° 06' 34.02574" W
Ellipsoid Height	-19.274 M
Cartesian Coordinates*	
X = 982105.723 M	
Y = -5632698.023 M	
Z = 2816928.893 M	

State Plane Coordinates*											
Zone: FL E											
N: 227128.377 M											
E: 288867.070 M				UTM Coordinates*		Zone: 17		N: 2918182.863 M		E: 588836.749 M	
UTM Coordinates*											
Zone: 17											
N: 2918182.863 M											
E: 588836.749 M											



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	26° 22' 51.52793" N
W. Longitude	80° 06' 34.02574" W
Ellipsoid Height	-19.274 M
Cartesian Coordinates*	
X = 982105.723 M	
Y = -5632698.023 M	
Z = 2816928.893 M	

State Plane Coordinates*									
Zone: FL E									
N: 227128.377 M									
E: 288867.070 M		UTM Coordinates*		Zone: 17		N: 2918182.863 M		E: 588836.749 M	
UTM Coordinates*									
Zone: 17									
N: 2918182.863 M									
E: 588836.749 M									

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	26° 22' 51.52765" N
W. Longitude	80° 06' 34.02612" W
Ellipsoid Height	-19.274 M
Cartesian Coordinates*	
X = 982105.713 M	
Y = -5632698.029 M	
Z = 2816928.886 M	

State Plane Coordinates*									
Zone: FL E									
N: 227128.368 M									
E: 288867.059 M		UTM Coordinates*		Zone: 17		N: 2918182.854 M		E: 588836.738 M	
UTM Coordinates*									
Zone: 17									
N: 2918182.854 M									
E: 588836.738 M									

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	26° 22' 51.52797" N
W. Longitude	80° 06' 34.02711" W
Ellipsoid Height	-19.251 M
Cartesian Coordinates*	
X = 982105.689 M	
Y = -5632698.049 M	
Z = 2816928.905 M	

State Plane Coordinates*									
Zone: FL E									
N: 227128.378 M									
E: 288867.032 M		UTM Coordinates*		Zone: 17		N: 2918182.864 M		E: 588836.711 M	
UTM Coordinates*									
Zone: 17									
N: 2918182.864 M									
E: 588836.711 M									