


FPRN Datasheet

Site Name:	Ocala		 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	OCLA		
RTCM Code:	0507		
Receiver Type:	LEICA GR30		
Serial Number:	1702523		
Firmware:	4.30		
Antenna Type:	LEIAR20	NONE	
Serial Number:	16247008		
Satellite Systems:	G/R/E/-/-		

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
45.615 M	45.593 M	45.578 M

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

After 1/6/2020

Geodetic Position*	
Latitude	29°10'54.46995" N
E Longitude	277°53'44.71315" E
W Longitude	82°06'15.28685" W
Ellipsoid Height	17.715 M
Cartesian Coordinates*	
X = 765577.153 M	
Y = -5520222.310 M	
Z = 3091517.815 M	

State Plane Coordinates*	
Zone: FL W	
N: 537183.261 M	
E: 189860.768 M	
UTM Coordinates*	
Zone: 17	
N: 3228631.974 M	
E: 392631.704 M	

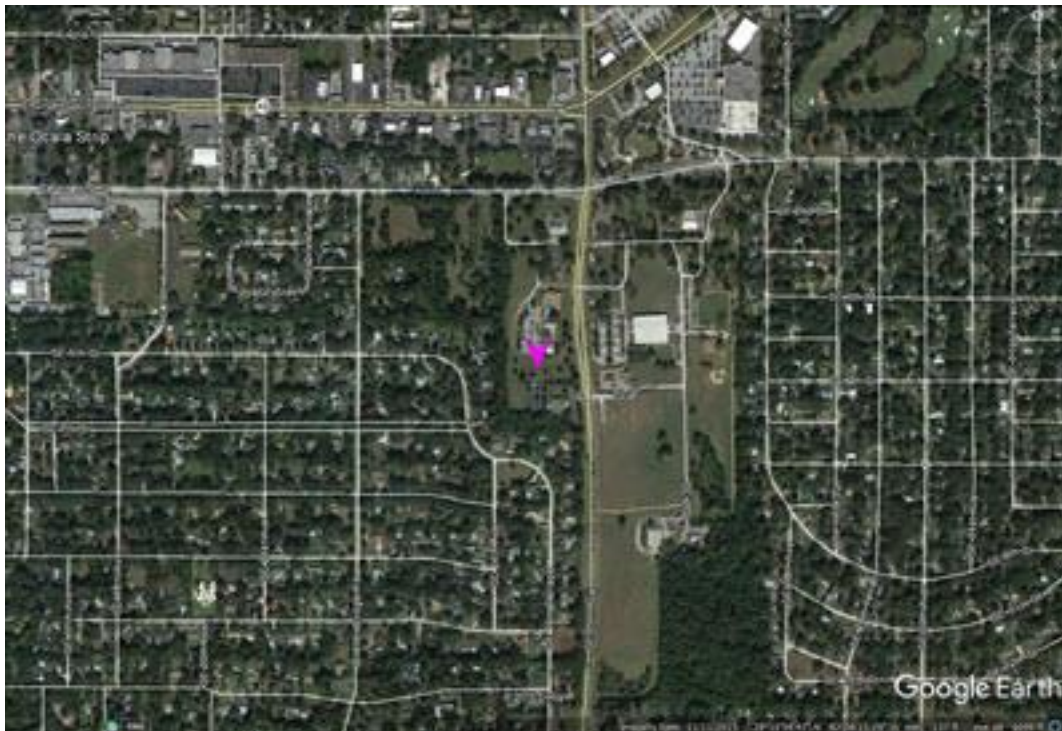
ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	29° 10' 54.49155" N
E Longitude	277° 53' 44.69034" E
W Longitude	82° 06' 15.30966" W
Ellipsoid Height	16.201 M
Cartesian Coordinates*	
X = 765576.316 M	
Y = -5520220.764 M	
Z = 3091517.657 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3228632.644 M	
E: 392631.094 M	

FPRN Datasheet
For
Ocala (OCLA)



* 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	29° 10' 54.46980" N
W Longitude	82° 06' 15.28619" W
Ellipsoid Height	17.715 M
Cartesian Coordinates*	
X = 765577.171 M	
Y = -5520222.310 M	
Z = 3091517.811 M	

State Plane Coordinates*									
Zone: FL W									
N: 537183.256 M									
E: 189860.786 M		UTM Coordinates*		Zone: 17		N: 3228631.969 M		E: 392631.721 M	
UTM Coordinates*									
Zone: 17									
N: 3228631.969 M									
E: 392631.721 M									

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	29° 10' 54.49155" N
E Longitude	277° 53' 44.69079" E
W Longitude	82° 06' 15.30921" W
Ellipsoid Height	16.208 M
Cartesian Coordinates*	
X = 765576.329 M	
Y = -5520220.768 M	
Z = 3091517.660 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: 17		N: 3228632.645 M		E: 392631.106 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 17		N: 3228632.645 M		E: 392631.106 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: 17		N: 3228632.645 M		E: 392631.106 M																	
UTM Coordinates*																									
Zone: 17																									
N: 3228632.645 M																									
E: 392631.106 M																									

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	29° 10' 54.46988" N
W. Longitude	82° 06' 15.28684" W
Ellipsoid Height	17.720 M
Cartesian Coordinates*	
X = 765577.154 M	
Y = -5520222.315 M	
Z = 3091517.816 M	

State Plane Coordinates*									
Zone: FL W									
N: 537183.259 M									
E: 189860.768 M		UTM Coordinates*		Zone: 17		N: 3228631.972 M		E: 392631.704 M	
UTM Coordinates*									
Zone: 17									
N: 3228631.972 M									
E: 392631.704 M									



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	29° 10' 54.46988" N
W. Longitude	82° 06' 15.28684" W
Ellipsoid Height	17.720 M
Cartesian Coordinates*	
X = 765577.154 M	
Y = -5520222.315 M	
Z = 3091517.816 M	

State Plane Coordinates*									
Zone: FL W									
N: 537183.259 M									
E: 189860.768 M		UTM Coordinates*		Zone: 17		N: 3228631.972 M		E: 392631.704 M	
UTM Coordinates*									
Zone: 17									
N: 3228631.972 M									
E: 392631.704 M									

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	29° 10' 54.46965" N
W. Longitude	82° 06' 15.28681" W
Ellipsoid Height	17.720 M
Cartesian Coordinates*	
X = 765577.155 M	
Y = -5520222.318 M	
Z = 3091517.809 M	

State Plane Coordinates*									
Zone: FL W									
N: 537183.252 M									
E: 189860.769 M		UTM Coordinates*		Zone: 17		N: 3228631.965 M		E: 392631.705 M	
UTM Coordinates*									
Zone: 17									
N: 3228631.965 M									
E: 392631.705 M									

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	29° 10' 54.46967" N
W. Longitude	82° 06' 15.28728" W
Ellipsoid Height	17.659 M
Cartesian Coordinates*	
X = 765577.135 M	
Y = -5520222.267 M	
Z = 3091517.780 M	

State Plane Coordinates*									
Zone: FL W									
N: 537183.252 M									
E: 189860.756 M		UTM Coordinates*		Zone: 17		N: 3228631.965 M		E: 392631.692 M	
UTM Coordinates*									
Zone: 17									
N: 3228631.965 M									
E: 392631.692 M									