


## FPRN Datasheet

Site Name:	Ormond Beach	 <p><b>FDOT</b> Florida Permanent Reference Network</p>
Site Code:	ORMD	
RTCM Code:	0509	
Receiver Type:	LEICA GR30	
Serial Number:	1702053	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16268007	
Satellite Systems:	G/R/E/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
- M	10.128 M	10.114 M

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

After 1/6/2020

Geodetic Position*	
Latitude	29°17'53.46971" N
E Longitude	278°53'27.98682" E
W Longitude	81°06'32.01318" W
Ellipsoid Height	-18.339 M
Cartesian Coordinates*	
X = 860376.418 M	
Y = -5499833.400 M	
Z = 3102756.942 M	

State Plane Coordinates*	
Zone: FL E	
N: 550083.430 M	
E: 189420.843 M	
UTM Coordinates*	
Zone: 17	
N: 3241027.726 M	
E: 489424.453 M	

### ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	29° 17' 53.49188" N
E Longitude	278° 53' 27.96506" E
W Longitude	81° 06' 32.03494" W
Ellipsoid Height	-19.863 M
Cartesian Coordinates*	
X = 860375.581 M	
Y = -5499831.848 M	
Z = 3102756.792 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3241028.408 M	
E: 489423.866 M	

FPRN Datasheet  
For  
Ormond Beach (ORMD)



\* 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° 17' 53.46956" N
W Longitude	81° 06' 32.01259" W
Ellipsoid Height	-18.347 M
Cartesian Coordinates*	
X = 860376.433 M	
Y = -5499833.393 M	
Z = 3102756.934 M	

State Plane Coordinates*											
Zone: FL E											
N: 550083.426 M											
E: 189420.859 M				UTM Coordinates*		Zone: 17		N: 3241027.721 M		E: 489424.469 M	
UTM Coordinates*											
Zone: 17											
N: 3241027.721 M											
E: 489424.469 M											

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	29° 17' 53.49180" N
E Longitude	278° 53' 27.96539" E
W Longitude	81° 06' 32.03461" W
Ellipsoid Height	-19.862 M
Cartesian Coordinates*	
X = 860375.590 M	
Y = -5499831.848 M	
Z = 3102756.790 M	

State Plane Coordinates*																											
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 3241028.406 M		E: 489423.875 M	
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 3241028.406 M		E: 489423.875 M									
Zone: -																											
N: - M																											
E: - M				UTM Coordinates*		Zone: 17		N: 3241028.406 M		E: 489423.875 M																	
UTM Coordinates*																											
Zone: 17																											
N: 3241028.406 M																											
E: 489423.875 M																											

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	29° 17' 53.46943" N
W. Longitude	81° 06' 32.01313" W
Ellipsoid Height	-18.348 M
Cartesian Coordinates*	
X = 860376.419 M	
Y = -5499833.396 M	
Z = 3102756.930 M	

State Plane Coordinates*											
Zone: FL E											
N: 550083.422 M											
E: 189420.845 M				UTM Coordinates*		Zone: 17		N: 3241027.717 M		E: 489424.454 M	
UTM Coordinates*											
Zone: 17											
N: 3241027.717 M											
E: 489424.454 M											



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	29° 17' 53.46943" N
W. Longitude	81° 06' 32.01313" W
Ellipsoid Height	-18.348 M
Cartesian Coordinates*	
X = 860376.419 M	
Y = -5499833.396 M	
Z = 3102756.930 M	

State Plane Coordinates*	
Zone: FL E	
N: 550083.422 M	
E: 189420.845 M	
UTM Coordinates*	
Zone: 17	
N: 3241027.717 M	
E: 489424.454 M	

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	29° 17' 53.46943" N
W. Longitude	81° 06' 32.01313" W
Ellipsoid Height	-18.348 M
Cartesian Coordinates*	
X = 860376.419 M	
Y = -5499833.396 M	
Z = 3102756.930 M	

State Plane Coordinates*	
Zone: FL E	
N: 550083.422 M	
E: 189420.845 M	
UTM Coordinates*	
Zone: 17	
N: 3241027.717 M	
E: 489424.454 M	

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	29° 17' 53.46958" N
W. Longitude	81° 06' 32.01360" W
Ellipsoid Height	-18.346 M
Cartesian Coordinates*	
X = 860376.406 M	
Y = -5499833.398 M	
Z = 3102756.935 M	

State Plane Coordinates*	
Zone: FL E	
N: 550083.426 M	
E: 189420.832 M	
UTM Coordinates*	
Zone: 17	
N: 3241027.722 M	
E: 489424.441 M	