


## FPRN Datasheet

Site Name:	DeLand		
Site Code:	DLND		
RTCM Code:	0501		
Receiver Type:	LEICA GR30		
Serial Number:	1701949		
Firmware:	4.30		
Antenna Type:	LEIAR20	NONE	
Serial Number:	16247011		
Satellite Systems:	G/R/E/-/-		

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
- M	28.379 M	28.379 M

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

After 1/6/2020

Geodetic Position*	
Latitude	29°03'22.89714" N
E Longitude	278°44'12.51921" E
W Longitude	81°15'47.48079" W
Ellipsoid Height	0.276 M
Cartesian Coordinates*	
X = 847549.667 M	
Y = -5515061.982 M	
Z = 3079363.388 M	

State Plane Coordinates*	
Zone: FL E	
N: 523305.030 M	
E: 174370.524 M	
UTM Coordinates*	
Zone: 17	
N: 3214258.462 M	
E: 474379.269 M	

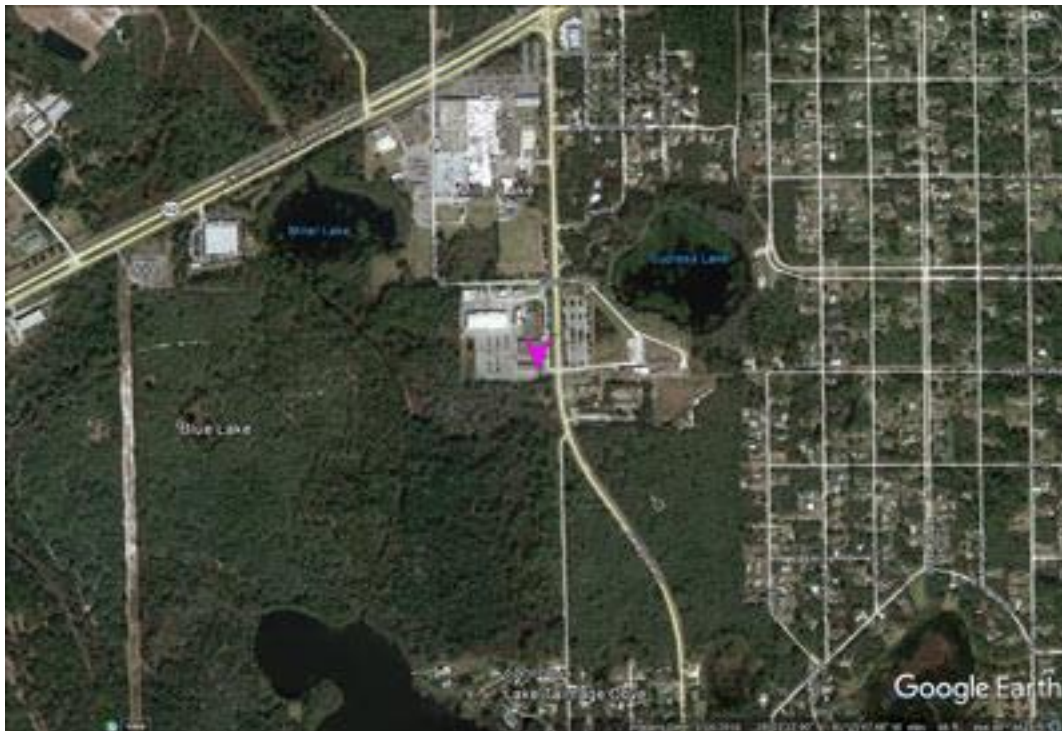
### ITRF 2014 epoch 2019.836

After 1/6/2020

Geodetic Position*	
Latitude	29° 03' 22.91908" N
E Longitude	278° 44' 12.49741" E
W Longitude	81° 15' 47.50259" W
Ellipsoid Height	-1.267 M
Cartesian Coordinates*	
X = 847548.830 M	
Y = -5515060.414 M	
Z = 3079363.229 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3214259.138 M	
E: 474378.681 M	

FPRN Datasheet  
For  
DeLand (DLND)



\* 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° 03' 22.89699" N
W Longitude	81° 15' 47.48018" W
Ellipsoid Height	0.256 M
Cartesian Coordinates*	
X = 847549.681 M	
Y = -5515061.964 M	
Z = 3079363.374 M	

State Plane Coordinates*	
Zone: FL E	
N: 523305.025 M	
E: 174370.541 M	
UTM Coordinates*	
Zone: 17	
N: 3214258.457 M	
E: 474379.285 M	

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	29° 03' 22.91898" N
E Longitude	278° 44' 12.49777" E
W Longitude	81° 15' 47.50223" W
Ellipsoid Height	-1.264 M
Cartesian Coordinates*	
X = 847548.840 M	
Y = -5515060.417 M	
Z = 3079363.228 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3214259.135 M	
E: 474378.691 M	

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	29° 03' 22.89698" N
W. Longitude	81° 15' 47.48050" W
Ellipsoid Height	0.235 M
Cartesian Coordinates*	
X = 847549.670 M	
Y = -5515061.948 M	
Z = 3079363.364 M	

State Plane Coordinates*	
Zone: FL E	
N: 523305.025 M	
E: 174370.532 M	
UTM Coordinates*	
Zone: 17	
N: 3214258.457 M	
E: 474379.277 M	



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	29° 03' 22.89698" N
W. Longitude	81° 15' 47.48050" W
Ellipsoid Height	0.235 M
Cartesian Coordinates*	
X = 847549.670 M	
Y = -5515061.948 M	
Z = 3079363.364 M	

State Plane Coordinates*											
Zone: FL E											
N: 523305.025 M											
E: 174370.532 M				UTM Coordinates*		Zone: 17		N: 3214258.457 M		E: 474379.277 M	
UTM Coordinates*											
Zone: 17											
N: 3214258.457 M											
E: 474379.277 M											

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	29° 03' 22.89698" N
W. Longitude	81° 15' 47.48050" W
Ellipsoid Height	0.235 M
Cartesian Coordinates*	
X = 847549.670 M	
Y = -5515061.948 M	
Z = 3079363.364 M	

State Plane Coordinates*											
Zone: FL E											
N: 523305.025 M											
E: 174370.532 M				UTM Coordinates*		Zone: 17		N: 3214258.457 M		E: 474379.277 M	
UTM Coordinates*											
Zone: 17											
N: 3214258.457 M											
E: 474379.277 M											

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	29° 03' 22.89721" N
W. Longitude	81° 15' 47.48130" W
Ellipsoid Height	0.263 M
Cartesian Coordinates*	
X = 847549.652 M	
Y = -5515061.972 M	
Z = 3079363.384 M	

State Plane Coordinates*											
Zone: FL E											
N: 523305.032 M											
E: 174370.510 M				UTM Coordinates*		Zone: 17		N: 3214258.464 M		E: 474379.255 M	
UTM Coordinates*											
Zone: 17											
N: 3214258.464 M											
E: 474379.255 M											