


FPRN Datasheet

Site Name:	Polk City	 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	POLK	
RTCM Code:	0110	
Receiver Type:	LEICA GR30	
Serial Number:	1702551	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16268011	
Satellite Systems:	G/R/E/-/-	

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
43.466 M	43.472 M	43.461 M

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

After 1/6/2020

Geodetic Position*	
Latitude	28°09'59.77434" N
E Longitude	278°13'37.63738" E
W Longitude	81°46'22.36262" W
Ellipsoid Height	16.485 M
Cartesian Coordinates*	
X	= 805215.406 M
Y	= -5569132.684 M
Z	= 2992802.459 M

State Plane Coordinates*	
Zone: FL W	
N: 424691.953 M	
E: 222304.361 M	
UTM Coordinates*	
Zone: 17	
N: 3115899.747 M	
E: 424124.547 M	

ITRF 2014 epoch 2019.838

After 1/6/2020

Geodetic Position*	
Latitude	28° 09' 59.79514" N
E Longitude	278° 13' 37.61534" E
W Longitude	81° 46' 22.38466" W
Ellipsoid Height	14.939 M
Cartesian Coordinates*	
X	= 805214.573 M
Y	= -5569131.122 M
Z	= 2992802.294 M

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3115900.391 M	
E: 424123.950 M	

FPRN Datasheet
For
Polk City (POLK)



* 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	28° 09' 59.77404" N
W Longitude	81° 46' 22.36209" W
Ellipsoid Height	16.477 M
Cartesian Coordinates*	
X = 805215.420 M	
Y = -5569132.679 M	
Z = 2992802.447 M	

State Plane Coordinates*											
Zone: FL W											
N: 424691.944 M											
E: 222304.376 M				UTM Coordinates*		Zone: 17		N: 3115899.738 M		E: 424124.562 M	
UTM Coordinates*											
Zone: 17											
N: 3115899.738 M											
E: 424124.562 M											

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	28° 09' 59.79506" N
E Longitude	278° 13' 37.61575" E
W Longitude	81° 46' 22.38425" W
Ellipsoid Height	14.940 M
Cartesian Coordinates*	
X = 805214.584 M	
Y = -5569131.122 M	
Z = 2992802.292 M	

State Plane Coordinates*																											
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 3115900.388 M		E: 424123.961 M	
Zone: -																											
N: - M																											
E: - M				Zone: -		N: - M		E: - M				UTM Coordinates*		Zone: 17		N: 3115900.388 M		E: 424123.961 M									
Zone: -																											
N: - M																											
E: - M				UTM Coordinates*		Zone: 17		N: 3115900.388 M		E: 424123.961 M																	
UTM Coordinates*																											
Zone: 17																											
N: 3115900.388 M																											
E: 424123.961 M																											

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	28° 09' 59.77425" N
W. Longitude	81° 46' 22.36252" W
Ellipsoid Height	16.492 M
Cartesian Coordinates*	
X = 805215.410 M	
Y = -5569132.691 M	
Z = 2992802.460 M	

State Plane Coordinates*											
Zone: FL W											
N: 424691.951 M											
E: 222304.364 M				UTM Coordinates*		Zone: 17		N: 3115899.744 M		E: 424124.550 M	
UTM Coordinates*											
Zone: 17											
N: 3115899.744 M											
E: 424124.550 M											



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	28° 09' 59.77425" N
W. Longitude	81° 46' 22.36252" W
Ellipsoid Height	16.492 M
Cartesian Coordinates*	
X = 805215.410 M	
Y = -5569132.691 M	
Z = 2992802.460 M	

State Plane Coordinates*	
Zone: FL W	
N: 424691.951 M	
E: 222304.364 M	
UTM Coordinates*	
Zone: 17	
N: 3115899.744 M	
E: 424124.550 M	

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	28° 09' 59.77411" N
W. Longitude	81° 46' 22.36248" W
Ellipsoid Height	16.492 M
Cartesian Coordinates*	
X = 805215.411 M	
Y = -5569132.693 M	
Z = 2992802.456 M	

State Plane Coordinates*	
Zone: FL W	
N: 424691.947 M	
E: 222304.365 M	
UTM Coordinates*	
Zone: 17	
N: 3115899.740 M	
E: 424124.551 M	

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	28° 09' 59.77450" N
W. Longitude	81° 46' 22.36369" W
Ellipsoid Height	16.519 M
Cartesian Coordinates*	
X = 805215.381 M	
Y = -5569132.716 M	
Z = 2992802.480 M	

State Plane Coordinates*	
Zone: FL W	
N: 424691.958 M	
E: 222304.332 M	
UTM Coordinates*	
Zone: 17	
N: 3115899.752 M	
E: 424124.518 M	