


FPRN Datasheet

Site Name:	Marianna	 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	FLMR	
RTCM Code:	0308	
Receiver Type:	LEICA GR30	
Serial Number:	1702040	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16330011	
Satellite Systems:	G/R/E/-/-	

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
- M	69.927 M	69.913 M

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

After 1/6/2020

Geodetic Position*	
Latitude	30°46'42.37976" N
E Longitude	274°42'20.34101" E
W Longitude	85°17'39.65899" W
Ellipsoid Height	41.835 M
Cartesian Coordinates*	
X = 449942.088 M	
Y = -5466150.669 M	
Z = 3244835.103 M	

State Plane Coordinates*	
Zone: FL N	
N: 197405.927 M	
E: 523961.605 M	
UTM Coordinates*	
Zone: 16	
N: 3406291.235 M	
E: 663218.540 M	

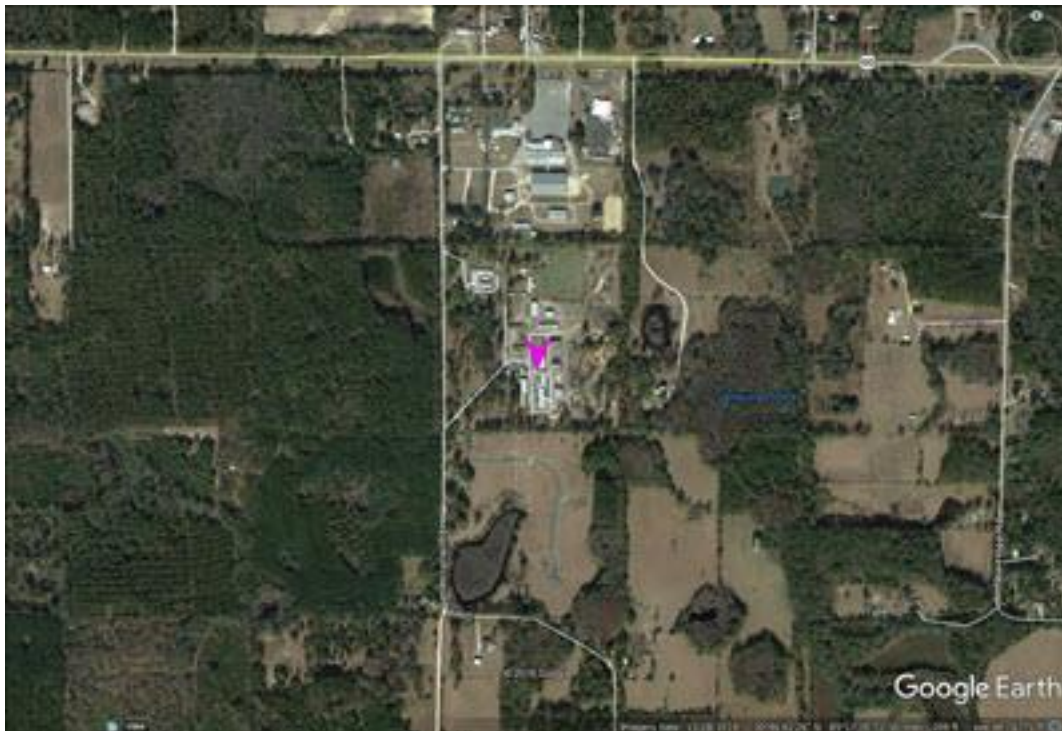
ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	30° 46' 42.40151" N
E Longitude	274° 42' 20.31406" E
W Longitude	85° 17' 39.68594" W
Ellipsoid Height	40.402 M
Cartesian Coordinates*	
X = 449941.245 M	
Y = -5466149.159 M	
Z = 3244834.945 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 16	
N: 3406291.894 M	
E: 663217.814 M	

FPRN Datasheet
For
Marianna (FLMR)



* 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	30° 46' 42.37973" N
W Longitude	85° 17' 39.65834" W
Ellipsoid Height	41.833 M
Cartesian Coordinates*	
X = 449942.105 M	
Y = -5466150.666 M	
Z = 3244835.101 M	

State Plane Coordinates*									
Zone: FL N									
N: 197405.923 M									
E: 523961.622 M		UTM Coordinates*		Zone: 16		N: 3406291.235 M		E: 663218.558 M	
UTM Coordinates*									
Zone: 16									
N: 3406291.235 M									
E: 663218.558 M									

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	30° 46' 42.40150" N
E Longitude	274° 42' 20.31445" E
W Longitude	85° 17' 39.68555" W
Ellipsoid Height	40.405 M
Cartesian Coordinates*	
X = 449941.255 M	
Y = -5466149.161 M	
Z = 3244834.946 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: 16		N: 3406291.894 M		E: 663217.824 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 16		N: 3406291.894 M		E: 663217.824 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M																									
UTM Coordinates*																									
Zone: 16																									
N: 3406291.894 M																									
E: 663217.824 M																									

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	30° 46' 42.37977" N
W. Longitude	85° 17' 39.65878" W
Ellipsoid Height	41.829 M
Cartesian Coordinates*	
X = 449942.093 M	
Y = -5466150.663 M	
Z = 3244835.100 M	

State Plane Coordinates*									
Zone: FL N									
N: 197405.927 M									
E: 523961.610 M		UTM Coordinates*		Zone: 16		N: 3406291.236 M		E: 663218.546 M	
UTM Coordinates*									
Zone: 16									
N: 3406291.236 M									
E: 663218.546 M									



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	30° 46' 42.37977" N
W. Longitude	85° 17' 39.65878" W
Ellipsoid Height	41.829 M
Cartesian Coordinates*	
X = 449942.093 M	
Y = -5466150.663 M	
Z = 3244835.100 M	

State Plane Coordinates*	
Zone: FL N	
N: 197405.927 M	
E: 523961.610 M	
UTM Coordinates*	
Zone: 16	
N: 3406291.236 M	
E: 663218.546 M	

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	30° 46' 42.37950" N
W. Longitude	85° 17' 39.65866" W
Ellipsoid Height	41.829 M
Cartesian Coordinates*	
X = 449942.097 M	
Y = -5466150.667 M	
Z = 3244835.093 M	

State Plane Coordinates*	
Zone: FL N	
N: 197405.919 M	
E: 523961.613 M	
UTM Coordinates*	
Zone: 16	
N: 3406291.227 M	
E: 663218.549 M	

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	30° 46' 42.38007" N
W. Longitude	85° 17' 39.65915" W
Ellipsoid Height	41.831 M
Cartesian Coordinates*	
X = 449942.083 M	
Y = -5466150.661 M	
Z = 3244835.109 M	

State Plane Coordinates*	
Zone: FL N	
N: 197405.936 M	
E: 523961.600 M	
UTM Coordinates*	
Zone: 16	
N: 3406291.245 M	
E: 663218.536 M	