


## FPRN Datasheet

Site Name:	Ft. Drum	 <p><b>FDOT</b> Florida Permanent Reference Network</p>
Site Code:	FLFD	
RTCM Code:	0115	
Receiver Type:	LEICA GR30	
Serial Number:	1702044	
Firmware:	4.30	
Antenna Type:	LEIAR20      NONE	
Serial Number:	15277009	
Satellite Systems:	G/R/E/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
- M	27.351 M	27.362 M

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

After 1/6/2020

Geodetic Position*	
Latitude	27°36'09.42206" N
E Longitude	279°10'35.34954" E
W Longitude	80°49'24.65046" W
Ellipsoid Height	0.508 M
Cartesian Coordinates*	
X = 902037.915 M	
Y = -5583869.266 M	
Z = 2937552.237 M	

State Plane Coordinates*	
Zone: FL E	
N: 362187.538 M	
E: 217421.747 M	
UTM Coordinates*	
Zone: 17	
N: 3053195.943 M	
E: 517415.803 M	

### ITRF 2014 epoch 2019.836

After 1/6/2020

Geodetic Position*	
Latitude	27° 36' 09.44274" N
E Longitude	279° 10' 35.32874" E
W Longitude	80° 49' 24.67126" W
Ellipsoid Height	-1.059 M
Cartesian Coordinates*	
X = 902037.083 M	
Y = -5583867.694 M	
Z = 2937552.075 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3053196.578 M	
E: 517415.232 M	

FPRN Datasheet  
For  
Fort Drum (FLFD)



\* 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	27° 36' 09.42165" N
W Longitude	80° 49' 24.64990" W
Ellipsoid Height	0.500 M
Cartesian Coordinates*	
X = 902037.930 M	
Y = -5583869.262 M	
Z = 2937552.222 M	

State Plane Coordinates*									
Zone: FL E									
N: 362187.526 M									
E: 217421.763 M		UTM Coordinates*		Zone: 17		N: 3053195.930 M		E: 517415.818 M	
UTM Coordinates*									
Zone: 17									
N: 3053195.930 M									
E: 517415.818 M									

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	27° 36' 09.44253" N
E Longitude	279° 10' 35.32924" E
W Longitude	80° 49' 24.67076" W
Ellipsoid Height	-1.062 M
Cartesian Coordinates*	
X = 902037.097 M	
Y = -5583867.693 M	
Z = 2937552.068 M	

State Plane Coordinates*																	
Zone: -																	
N: - M																	
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 17		N: 3053196.572 M		E: 517415.246 M	
UTM Coordinates*																	
Zone: -																	
N: - M																	
E: - M		UTM Coordinates*		Zone: 17		N: 3053196.572 M		E: 517415.246 M									
UTM Coordinates*																	
Zone: 17																	
N: 3053196.572 M																	
E: 517415.246 M																	

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	27° 36' 09.42189" N
W. Longitude	80° 49' 24.65037" W
Ellipsoid Height	0.495 M
Cartesian Coordinates*	
X = 902037.916 M	
Y = -5583869.256 M	
Z = 2937552.226 M	

State Plane Coordinates*									
Zone: FL E									
N: 362187.533 M									
E: 217421.750 M		UTM Coordinates*		Zone: 17		N: 3053195.938 M		E: 517415.805 M	
UTM Coordinates*									
Zone: 17									
N: 3053195.938 M									
E: 517415.805 M									



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	27° 36' 09.42189" N
W. Longitude	80° 49' 24.65037" W
Ellipsoid Height	0.495 M
Cartesian Coordinates*	
X = 902037.916 M	
Y = -5583869.256 M	
Z = 2937552.226 M	

State Plane Coordinates*									
Zone: FL E									
N: 362187.533 M									
E: 217421.750 M		UTM Coordinates*		Zone: 17		N: 3053195.938 M		E: 517415.805 M	
UTM Coordinates*									
Zone: 17									
N: 3053195.938 M									
E: 517415.805 M									

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	- N
W. Longitude	- W
Ellipsoid Height	0.000 M
Cartesian Coordinates*	
X = 0.000 M	
Y = 0.000 M	
Z = 0.000 M	

State Plane Coordinates*									
Zone: FL E									
N: 0.000 M									
E: 0.000 M		UTM Coordinates*		Zone: 17		N: 0.000 M		E: 0.000 M	
UTM Coordinates*									
Zone: 17									
N: 0.000 M									
E: 0.000 M									

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	- N
W. Longitude	- W
Ellipsoid Height	0.000 M
Cartesian Coordinates*	
X = 0.000 M	
Y = 0.000 M	
Z = 0.000 M	

State Plane Coordinates*									
Zone: FL E									
N: 0.000 M									
E: 0.000 M		UTM Coordinates*		Zone: 17		N: 0.000 M		E: 0.000 M	
UTM Coordinates*									
Zone: 17									
N: 0.000 M									
E: 0.000 M									