


FPRN Datasheet

Site Name:	Titusville		
Site Code:	TTVL		
RTCM Code:	0512		
Receiver Type:	LEICA GR30		
Serial Number:	1701991		
Firmware:	4.30		
Antenna Type:	LEIAR20	NONE	
Serial Number:	16268008		
Satellite Systems:	G/R/E/-/-		

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
- M	11.607 M	11.596 M

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

After 1/6/2020

Geodetic Position*	
Latitude	28°30'20.55273" N
E Longitude	279°11'47.82857" E
W Longitude	80°48'12.17143" W
Ellipsoid Height	-16.480 M
Cartesian Coordinates*	
X = 896475.001 M	
Y = -5537074.045 M	
Z = 3025864.987 M	

State Plane Coordinates*	
Zone: FL E	
N: 462265.925 M	
E: 219247.666 M	
UTM Coordinates*	
Zone: 17	
N: 3153240.183 M	
E: 519241.099 M	

ITRF 2014 epoch 2019.836

After 1/6/2020

Geodetic Position*	
Latitude	28° 30' 20.57422" N
E Longitude	279° 11' 47.80736" E
W Longitude	80° 48' 12.19264" W
Ellipsoid Height	-18.024 M
Cartesian Coordinates*	
X = 896474.164 M	
Y = -5537072.486 M	
Z = 3025864.831 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3153240.843 M	
E: 519240.521 M	

FPRN Datasheet
For
Titusville (TTVL)



* 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° 30' 20.55245" N
W Longitude	80° 48' 12.17108" W
Ellipsoid Height	-16.493 M
Cartesian Coordinates*	
X = 896475.009 M	
Y = -5537074.036 M	
Z = 3025864.973 M	

State Plane Coordinates*	
Zone: FL E	
N: 462265.916 M	
E: 219247.675 M	
UTM Coordinates*	
Zone: 17	
N: 3153240.174 M	
E: 519241.108 M	

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	28° 30' 20.57413" N
E Longitude	279° 11' 47.80764" E
W Longitude	80° 48' 12.19236" W
Ellipsoid Height	-18.032 M
Cartesian Coordinates*	
X = 896474.171 M	
Y = -5537072.480 M	
Z = 3025864.825 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3153240.841 M	
E: 519240.529 M	

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	28° 30' 20.55263" N
W. Longitude	80° 48' 12.17140" W
Ellipsoid Height	-16.473 M
Cartesian Coordinates*	
X = 896475.003 M	
Y = -5537074.052 M	
Z = 3025864.988 M	

State Plane Coordinates*	
Zone: FL E	
N: 462265.922 M	
E: 219247.667 M	
UTM Coordinates*	
Zone: 17	
N: 3153240.180 M	
E: 519241.099 M	



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	28° 30' 20.55263" N
W. Longitude	80° 48' 12.17140" W
Ellipsoid Height	-16.473 M
Cartesian Coordinates*	
X = 896475.003 M	
Y = -5537074.052 M	
Z = 3025864.988 M	

State Plane Coordinates*	
Zone: FL E	
N: 462265.922 M	
E: 219247.667 M	
UTM Coordinates*	
Zone: 17	
N: 3153240.180 M	
E: 519241.099 M	

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	28° 30' 20.55244" N
W. Longitude	80° 48' 12.17146" W
Ellipsoid Height	-16.473 M
Cartesian Coordinates*	
X = 896475.002 M	
Y = -5537074.055 M	
Z = 3025864.982 M	

State Plane Coordinates*	
Zone: FL E	
N: 462265.916 M	
E: 219247.665 M	
UTM Coordinates*	
Zone: 17	
N: 3153240.174 M	
E: 519241.098 M	

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	28° 30' 20.55286" N
W. Longitude	80° 48' 12.17238" W
Ellipsoid Height	-16.441 M
Cartesian Coordinates*	
X = 896474.981 M	
Y = -5537074.081 M	
Z = 3025865.009 M	

State Plane Coordinates*	
Zone: FL E	
N: 462265.929 M	
E: 219247.640 M	
UTM Coordinates*	
Zone: 17	
N: 3153240.187 M	
E: 519241.073 M	