


FPRN Datasheet

| | | |
|--------------------|--------------|---|
| Site Name: | Mobile |  <p>FDOT Florida Permanent Reference Network</p> |
| Site Code: | AL90 | |
| RTCM Code: | 0351 | |
| Receiver Type: | LEICA GR10 | |
| Serial Number: | 17030136 | |
| Firmware: | - | |
| Antenna Type: | LEIAR10 NONE | |
| Serial Number: | 17115008 | |
| Satellite Systems: | G/R/-/-/- | |

NAVD 88 Orthometric Height

| | | |
|----------------|------------------|-----------------|
| Leveled | Geoid 18* | FPRN18** |
| 12.454 M | 12.469 M | - M |

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

After 1/6/2020

| Geodetic Position* | |
|------------------------|----------------------|
| Latitude | 30° 41' 26.96963" N |
| E Longitude | 271° 58' 05.86304" E |
| W Longitude | 88° 01' 54.13696" W |
| Ellipsoid Height | -15.981 M |
| Cartesian Coordinates* | |
| X = 188546.776 M | |
| Y = -5486313.238 M | |
| Z = 3236456.526 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: AL W | |
| N: 76699.204 M | |
| E: 549059.884 M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.491 M | |
| E: 401188.303 M | |

ITRF 2014 epoch 2019.908

After 1/6/2020

| Geodetic Position* | |
|------------------------|----------------------|
| Latitude | 30° 41' 26.99047" N |
| E Longitude | 271° 58' 05.83333" E |
| W Longitude | 88° 01' 54.16667" W |
| Ellipsoid Height | -17.390 M |
| Cartesian Coordinates* | |
| X = 188545.933 M | |
| Y = -5486311.727 M | |
| Z = 3236456.359 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: - | |
| N: - M | |
| E: - M | |
| UTM Coordinates* | |
| Zone: - | |
| N: - M | |
| E: - M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.491 M | |
| E: 401188.303 M | |

FPRN Datasheet
For
Mobile (AL90)



* 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° 41' 26.96969" N |
| W Longitude | 88° 01' 54.13700" W |
| Ellipsoid Height | -15.984 M |
| Cartesian Coordinates* | |
| X = 188546.775 M | |
| Y = -5486313.235 M | |
| Z = 3236456.526 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: AL W | |
| N: 76699.206 M | |
| E: 549059.883 M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.493 M | |
| E: 401188.302 M | |

ITRF 2014 epoch 2019.078

After 9/6/2019

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 30° 41' 26.99017" N |
| E Longitude | 271° 58' 5.83786" E |
| W Longitude | 88° 01' 54.16214" W |
| Ellipsoid Height | -17.383 M |
| Cartesian Coordinates* | |
| X = 188546.054 M | |
| Y = -5486311.734 M | |
| Z = 3236456.355 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: - | |
| N: - M | |
| E: - M | |
| Zone: - | |
| N: - M | |
| E: - M | |
| Zone: - | |
| N: - M | |
| E: - M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395793.129 M | |
| E: 401187.639 M | |

NAD 83 (2011) epoch 2010.000

After 8/16/2018

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 30° 41' 26.96908" N |
| W. Longitude | 88° 01' 54.13721" W |
| Ellipsoid Height | -15.995 M |
| Cartesian Coordinates* | |
| X = 188546.769 M | |
| Y = -5486313.235 M | |
| Z = 3236456.505 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: AL W | |
| N: 76699.188 M | |
| E: 549059.877 M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.474 M | |
| E: 401188.296 M | |



NAD 83 (2011) epoch 2010.000

After 8/25/2015

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 30° 41' 26.96908" N |
| W. Longitude | 88° 01' 54.13721" W |
| Ellipsoid Height | -15.995 M |
| Cartesian Coordinates* | |
| X = 188546.769 M | |
| Y = -5486313.235 M | |
| Z = 3236456.505 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: AL W | |
| N: 76699.188 M | |
| E: 549059.877 M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.474 M | |
| E: 401188.296 M | |

NAD 83 (2011) epoch 2010.000

After 8/2/2014

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 30° 41' 26.96908" N |
| W. Longitude | 88° 01' 54.13721" W |
| Ellipsoid Height | -15.995 M |
| Cartesian Coordinates* | |
| X = 188546.769 M | |
| Y = -5486313.235 M | |
| Z = 3236456.505 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: AL W | |
| N: 76699.188 M | |
| E: 549059.877 M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.474 M | |
| E: 401188.296 M | |

NAD 83 (CORS96)

Prior to 8/2/2014

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 30° 41' 26.96959" N |
| W. Longitude | 88° 01' 54.13732" W |
| Ellipsoid Height | -15.984 M |
| Cartesian Coordinates* | |
| X = 188546.766 M | |
| Y = -5486313.236 M | |
| Z = 3236456.524 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: AL W | |
| N: 76699.203 M | |
| E: 549059.874 M | |
| UTM Coordinates* | |
| Zone: 16 | |
| N: 3395792.490 M | |
| E: 401188.293 M | |