


FPRN Datasheet

| | | |
|--------------------|--------------|---|
| Site Name: | Canoe Creek |  <p>FDOT Florida Permanent Reference Network</p> |
| Site Code: | FLCC | |
| RTCM Code: | 0515 | |
| Receiver Type: | LEICA GR30 | |
| Serial Number: | 1701975 | |
| Firmware: | 4.30 | |
| Antenna Type: | LEIAR20 NONE | |
| Serial Number: | 16268006 | |
| Satellite Systems: | G/R/E/-/- | |

NAVD 88 Orthometric Height

| | | |
|----------------|------------------|-----------------|
| Leveled | Geoid 18* | FPRN18** |
| - M | 28.031 M | 28.032 M |

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

After 1/6/2020

| Geodetic Position* | |
|------------------------|--------------------|
| Latitude | 28°05'40.13449" N |
| E Longitude | 278°43'32.85768" E |
| W Longitude | 81°16'27.14232" W |
| Ellipsoid Height | 0.327 M |
| Cartesian Coordinates* | |
| X = 854224.625 M | |
| Y = -5565624.385 M | |
| Z = 2985746.271 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: FL E | |
| N: 416709.229 M | |
| E: 173053.655 M | |
| UTM Coordinates* | |
| Zone: 17 | |
| N: 3107699.031 M | |
| E: 473062.849 M | |

ITRF 2014 epoch 2019.837

After 1/6/2020

| Geodetic Position* | |
|------------------------|----------------------|
| Latitude | 28° 05' 40.15544" N |
| E Longitude | 278° 43' 32.83619" E |
| W Longitude | 81° 16' 27.16381" W |
| Ellipsoid Height | -1.227 M |
| Cartesian Coordinates* | |
| X = 854223.791 M | |
| Y = -5565622.819 M | |
| Z = 2985746.108 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: - | |
| N: - M | |
| E: - M | |
| UTM Coordinates* | |
| Zone: - | |
| N: - M | |
| E: - M | |
| UTM Coordinates* | |
| Zone: 17 | |
| N: 3107699.677 M | |
| E: 473062.264 M | |

FPRN Datasheet
For
Canoe Creek (FLCC)



* 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° 05' 40.13431" N |
| W Longitude | 81° 16' 27.14153" W |
| Ellipsoid Height | 0.329 M |
| | |
| Cartesian Coordinates* | |
| X = 854224.647 M | |
| Y = -5565624.386 M | |
| Z = 2985746.267 M | |

| State Plane Coordinates* | | | | | | | | | | | |
|--------------------------|--|--|--|------------------|--|----------|--|------------------|--|-----------------|--|
| Zone: FL E | | | | | | | | | | | |
| N: 416709.223 M | | | | | | | | | | | |
| E: 173053.677 M | | | | UTM Coordinates* | | Zone: 17 | | N: 3107699.026 M | | E: 473062.871 M | |
| | | | | | | | | | | | |
| UTM Coordinates* | | | | | | | | | | | |
| Zone: 17 | | | | | | | | | | | |
| N: 3107699.026 M | | | | | | | | | | | |
| E: 473062.871 M | | | | | | | | | | | |

ITRF 2014 epoch 2019.078

After 9/6/2019

| Geodetic Position* | |
|------------------------|----------------------|
| Latitude | 28° 05' 40.15543" N |
| E Longitude | 278° 43' 32.83689" E |
| W Longitude | 81° 16' 27.16311" W |
| | |
| Ellipsoid Height | -1.216 M |
| | |
| Cartesian Coordinates* | |
| X = 854223.811 M | |
| Y = -5565622.826 M | |
| Z = 2985746.113 M | |

| State Plane Coordinates* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|--|--|------------------|--|----------|--|------------------|--|-----------------|--|------------------|--|----------|--|------------------|--|-----------------|--|------------------|--|----------|--|------------------|--|-----------------|--|
| Zone: - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N: - M | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E: - M | | | | Zone: - | | N: - M | | E: - M | | | | Zone: - | | N: - M | | E: - M | | | | UTM Coordinates* | | Zone: 17 | | N: 3107699.677 M | | E: 473062.283 M | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zone: - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N: - M | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E: - M | | | | Zone: - | | N: - M | | E: - M | | | | UTM Coordinates* | | Zone: 17 | | N: 3107699.677 M | | E: 473062.283 M | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zone: - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N: - M | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E: - M | | | | UTM Coordinates* | | Zone: 17 | | N: 3107699.677 M | | E: 473062.283 M | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTM Coordinates* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zone: 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N: 3107699.677 M | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E: 473062.283 M | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NAD 83 (2011) epoch 2010.000

After 8/16/2018

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 28° 05' 40.13430" N |
| W. Longitude | 81° 16' 27.14183" W |
| Ellipsoid Height | 0.337 M |
| | |
| Cartesian Coordinates* | |
| X = 854224.640 M | |
| Y = -5565624.395 M | |
| Z = 2985746.271 M | |

| State Plane Coordinates* | | | | | | | | | | | |
|--------------------------|--|--|--|------------------|--|----------|--|------------------|--|-----------------|--|
| Zone: FL E | | | | | | | | | | | |
| N: 416709.223 M | | | | | | | | | | | |
| E: 173053.668 M | | | | UTM Coordinates* | | Zone: 17 | | N: 3107699.025 M | | E: 473062.862 M | |
| | | | | | | | | | | | |
| UTM Coordinates* | | | | | | | | | | | |
| Zone: 17 | | | | | | | | | | | |
| N: 3107699.025 M | | | | | | | | | | | |
| E: 473062.862 M | | | | | | | | | | | |



NAD 83 (2011) epoch 2010.000

After 8/25/2015

| Geodetic Position* | |
|------------------------|---------------------|
| Latitude | 28° 05' 40.13430" N |
| W. Longitude | 81° 16' 27.14183" W |
| Ellipsoid Height | 0.337 M |
| Cartesian Coordinates* | |
| X = 854224.640 M | |
| Y = -5565624.395 M | |
| Z = 2985746.271 M | |

| State Plane Coordinates* | |
|--------------------------|--|
| Zone: FL E | |
| N: 416709.223 M | |
| E: 173053.668 M | |
| UTM Coordinates* | |
| Zone: 17 | |
| N: 3107699.025 M | |
| E: 473062.862 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 | |

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 | |