



FPRN News

February 4, 2020

Custom Geoid

In a continuing effort to improve the elevations derived from GNSS readings when using the FPRN, we are releasing another custom Geoid file. The new custom geoid file is named "FPRN18". We once again are supplying the geoid files in multiple vendor formats.

We have provided a link on the "User Portal" (<https://www.myfloridagps.com/sbc>), titled FPRN Geoid 18 (located at the bottom of the screen).

Also, we have created a link on our "Home Page" (<https://www.fdot.gov/geospatial/fprn.shtm>), titled Florida Custom Geoid Package FPRN18 (under the Maps section).

We will continue to offer the old Florida Custom Geoid, titled FPRN Geoid 16B (located on both the "User Portal" and "Home Page").

Dynamic Map

We are pleased to announce that the FPRN has a new Dynamic Map. The new map is based on ESRI geoevents server and will be updated every one minute, opposed to the fifteen minutes of the old map.

We have provided a link on the "User Portal" (<https://www.myfloridagps.com/sbc>), titled Dynamic Map (on the left hand side of the screen).

Also, we have created a link on our "Home Page" (<https://www.fdot.gov/geospatial/fprn.shtm>), titled Dynamic Map (under the Maps section).

Network Solution

When using port 10000 to receive corrections you **MUST** turn on your NMEA (GGA) message string, and it must be set to broadcast at a rate of 30 seconds or less (we suggest 15 or 20 seconds).