



FPRN News

July 21, 2020

Network Maintenance

In a continuing effort to improve network performance, we are upgrading the FPRN processing software on **July 29, 2020**.

PLEASE PLAN ACCORDINGLY

Again, we will be upgrading the software for the FPRN on July 29, 2020. The Network will experience sporadic outages during the day. **Plan Accordingly!**

Custom Geoid

When using the FPRN for Real-Time Kinematic (RTK) or Network Real-Time Kinematic (NRTK) observations, the geoid model should be either Geoid18 or FPRN18. Failure to use either one of these geoid models can result in incorrect orthometric heights and may lead to incorrect positional information.

We have provided a link on the "User Portal" (<https://www.myfloridagps.com/sbc>), titled Geoid 18 data (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 geoid models (located on both the "User Portal" and "Home Page").

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).

ITRF 2014

The NGS's proposed changes to our Geodetic Datums in 2022 have been pushed back to 2024 or 2025.

We still offer this secondary datum which allows users to start updating the coordinates in their local databases. It may also be useful for projects that will extend past the National Spatial Reference System (NSRS) implementation date.

If you wish to receive this broadcast, please contact Ron Hanson to express your need.