



FPRN News

June 21, 2018

New Stations

FLMK – This station replaces the MKEY station destroyed by Hurricane IRMA.

Latitude: 24°43'33.36203" N
Longitude: 81°02'56.70329" W
Ellipsoid: -13.9030 M

FLKS – This station will replace the HULK station that will be dismantled later this year.

Latitude: 28°17'44.20050" N
Longitude: 81°26'10.86726" W
Ellipsoid: 1.860 M

FLFB – The communications have been upgraded on this station

The coordinates listed for the above stations are in the currently utilized realization NAD83 (2011)

Ports Added

With the addition of the Galileo and L5 signals it is necessary to add ports to accomadate the data.

40000	Statewide	40400	District 4
40100	District 1	40500	District 5
40200	District 2	40600	District 6
40300	District 3	40700	District 7

Port Removal

The data streamed over TCP/IP ports represents less than 1% of the total data used on the FPRN. Due to lack of use, we are contemplating closing the following TCP/IP ports:

23101 – 23153	25101 – 25153	31101 – 31153
23201 – 23254	25201 – 25254	31201 – 31254
23301 – 23359	25301 – 25359	31301 – 31359
23401 – 23410	25401 – 25410	31401 – 31410
23501 – 23551	25501 – 25551	31501 – 35551
23601 – 23651	25601 – 25651	34601 – 31651
23701 – 23753	25701 – 25753	31701 – 31753

TCP/IP ports represent antiquated technology that has not been incorporated into GNSS receivers for the past 12 years which accounts for its underutilization. Please contact either Ron Hanson or Scott Harper if you have a need for these ports to remain open.