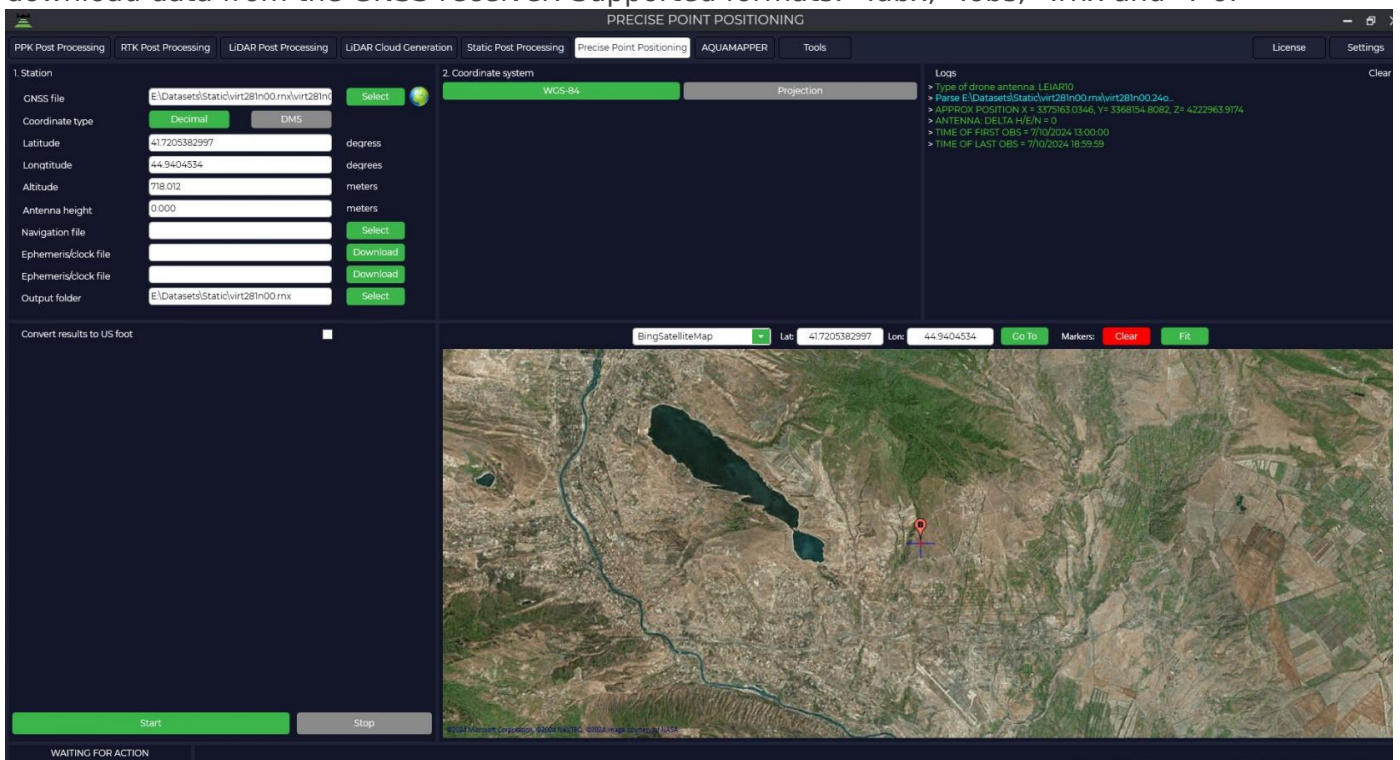


# Precise Point Positioning

Precise Point Positioning (PPP) — is a global navigation satellite system positioning method that calculates coordinates with an error of only a few centimeters under good conditions. PPP is a combination of several relatively sophisticated GNSS positioning refinement methods. Unlike the RTK method, which uses a base station, a rover and relatively small distances between them, the PPP method uses a single GNSS receiver.

1. Click on the Precise Point Positioning tab to use this module and click on the "Select" button to download data from the GNSS receiver. Supported formats: \*.ubx, \*.obs, \*.rnx and \*.\*o.



2. Next we need to upload the rest of the data.




Navigation file - navigation file of measurements in \*.nav, \*.rnx, \*.n, \*.p, \*.g, \*.h, \*.q, \*.c and \*.l format. Ephemeris/clock file - final ephemeris file in \*.sp3, \*.eph format, it is also possible to upload exact on-board clock file \*.clk. When you click on the Download button, if the data are available on the NASA server, the program will automatically download these data.



coordinates. Also, if you click on the "Yes" button, the program will write the calculated coordinates in the header of the rinex file.

TOPODRONE Post Processing ✕

 PRJ: World-WGS 84-UTM-zone 38N (m) EPSG 32638  
Elevation type: GEOID (EGM2008)

----- WGS-84 -----  
Latitude: 41.72054044 degrees  
Longitude: 44.9404562 degrees  
Altitude: 717.9681 meters

----- PRJ -----  
North: 4618750.5608 meters  
East: 495047.1745 meters  
Height: 702.8188 meters

----- Accuracy -----  
Accuracy Latitude: 0.0252 meters  
Accuracy Longitude: 0.0135 meters  
Accuracy Altitude: 0.0192 meters

Update coordinates in rinex files of station?

Revision #5

Created 6 August 2024 10:24:32 by TOPODRONE SUPPORT

Updated 25 November 2024 14:33:15 by TOPODRONE SUPPORT