NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE

BETA Release: OPUS-S upgraded to support multi-GNSS

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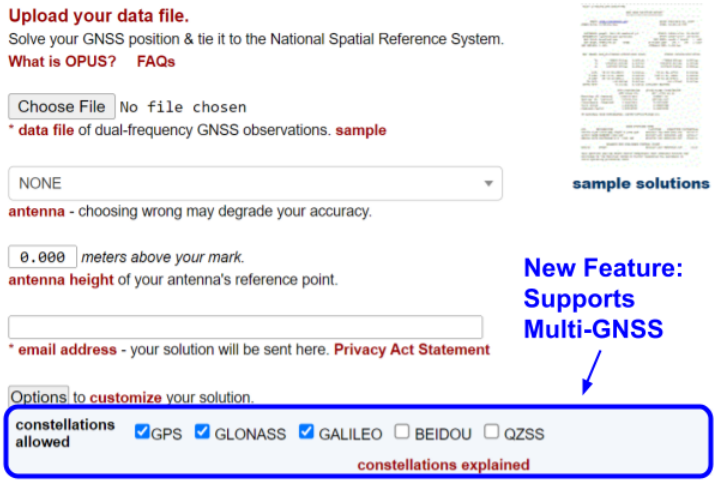
NGS News

Now processing GLONASS, Galileo, Beidou, and QZSS in addition to GPS!

OPUS-S 5.0 (Beta) is the first major update to OPUS-S in years. The key improvement is support for multi-GNSS. By replacing the PAGES engine with M-PAGES, OPUS-S 5.0 (Beta) is capable of processing static baselines with data from multiple constellations via the submission of RINEX v3.xx files (with slightly limited functionality for RINEX v2.xx submissions). Another significant improvement is the inclusion of a new, daily CORS-quality metric in the algorithm used to select base stations.

Summary of new features:

- support for multi-GNSS (M-PAGES replaces PAGES)
- enhanced CORS-selection algorithm
- enhanced best 3-of-5 baselines algorithm
- direct support for RINEX v3
- new summary header in solution report



Users now have the option to include data from multiple constellations, which can improve position quality.

NGS Welcomes Your Feedback

To help ensure that we are meeting your needs, please give this new tool a try and let us know what you think.

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