

Recommendations RT&NRT IGS products

Strongly recommend collocation of GNSS receivers at Global Climate Observing System (GCOS) Upper-Air Network (GUAN) sites and UA Reference (GRUAN) sites for independent verification and validation of critical climate observations.

Use of RT/NRT (adaptive) weather model-derived mapping functions for GNSS ZTD estimates assimilated into regional-global weather and climate models should be investigated to avoid cycles.