**GAP-O Detrended TEC NetCDF file description:**

filename: ‘GAPO\_RCVR**r**\_detTEC\_**mmddyyyy**\_**hhmmss**-**hhmmss**.nc

**r:** Receiver number (4)

**mmddyyyy:** Date

**hhmmss-hhmmss:** Time interval (UTC)

**Global Attributes:**

Date (string): ‘mmddyyyy’

PRN (integer): Pseudorandom noise code identifier

SVN (integer): Space vehicle number

Resolution (float): Temporal resolution of TEC data (Units of seconds)

**Variables:**

DTEC (double): Detrended TEC (Units of TECU).

UTC (double): Coordinated universal time corresponding to DTEC (Units of hours)

TAN\_UTC (double): UTC corresponding to tangent point coordinates (Units of hours)

TAN\_ALT (double): Geometric height of occultation tangent point with respect to mean sea level (Units of km)

TAN\_LAT (double): Geographic latitude of tangent point (Units of degrees)

TAN\_LONG (double): Geographic east longitude of tangent point (Units of degrees)