DTM2020-density data comparison workflow

Select Start date-En date interval Read densities (time, location) in interval

Get F10.7 index F10.7 delayed by 24hr Calculate mean F10.7 of last 81-days

Get Kp index

(Kp delayed by three hours, and mean Kp of previous 24 hr)

- Daily solar radio flux F10.7
- Geomagnetic three-hourly index Kp
 Included in the "ActivityIndicator: Collection of Kp, ap, and Ap indices
 by GFZ, with F10.7 from DRAO and Sn from WSC SILSO" Data Collection

Run DTM2020
For time, location and drivers

Included in the "DTM2020-operational: semiempirical thermosphere model" Data Collection

Densities and density ratios