

# Useful Links on Space Weather Products and Data

Solar-Terrestrial Centre of Excellence

<https://www.stce.be>

ROB Solar Physics Department with all our observations

<https://www.sidc.be>

Space Weather bulletins and forecasts

Ursigram: <https://www.sidc.be/spaceweatherservices/applications/archive/product/meu/>

Weekly: <https://www.sidc.be/spaceweatherservices/applications/archive/product/bul/>

Monthly (SILSO): <https://www.sidc.be/silso/sunspotbulletin>

Real-time alerts

Halo CMEs: <https://www.sidc.be/products/cactus/>

Large flares: <https://www.sidc.be/spaceweatherservices/applications/archive/product/flaremail/>

All quiet alert: <https://www.sidc.be/spaceweatherservices/applications/archive/product/quieta/>

Presto: <https://www.sidc.be/spaceweatherservices/applications/archive/product/presto/>

Archive of some products: <https://www.sidc.be/spaceweatherservices/applications/archive/>

All our products and registration: [https://www.sidc.be/registration/registration\\_main.php](https://www.sidc.be/registration/registration_main.php)

Tools and visualisation:

CACTus CME detection Catalog: <https://www.sidc.be/cactus/>

Solar Demon Flare and dimming detection: <https://www.sidc.be/solardemon/>

SPOCA (AR and CH detection): <http://sdoatsidc.oma.be/web/sdoatsidc/SoftwareSPoCA/>

STAFF solar timelines viewer: <http://www.staff.oma.be/>

Helioviewer Solar Images Viewer (web interface): <https://helioviewer.org/>

JHelioviewer Solar Images Viewer (software to download): [http://swhv.oma.be/user\\_manual/](http://swhv.oma.be/user_manual/)

Geomagnetic Activity: <http://ionosphere.meteo.be/geomagnetism/>

Ionospheric Maps and VTEC: [http://gnss.be/Atmospheric\\_Maps/ionospheric\\_maps.php](http://gnss.be/Atmospheric_Maps/ionospheric_maps.php)