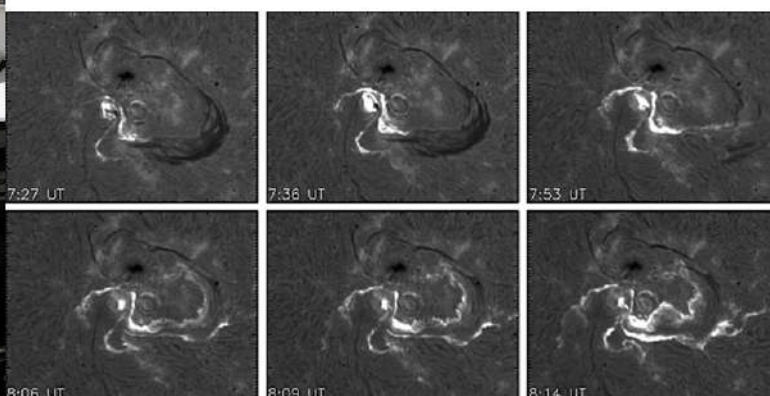


SPAR :

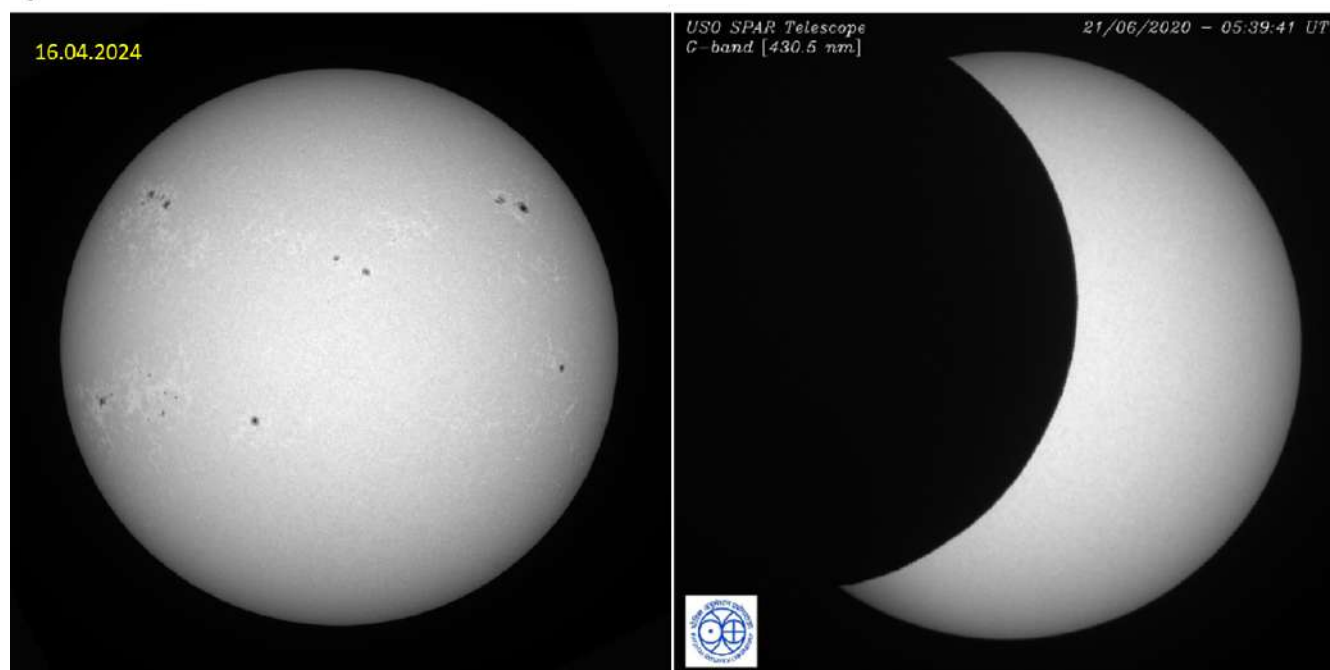
- ❑ 15 cm refracting telescope
- ❑ Field-of-view : 8 arcmin (Till 2008) & Full Sun (2014 onwards)
- ❑ Imaging in G-band, Na, TiO



Spar Telescope : Till 2008, this telescope was used for high-resolution Observations in $H\alpha$ with smaller FoV. From 2014 onwards this telescope is being used for full sun observations in three different wavelengths.



The M3.9 2N flare observed in $H\alpha$ at USO on 18 November 2003 in NOAA AR 10501 which was associated with a high speed CME, led to the superstorm on 20 November 2003 with Dst index of -472 nT, the strongest of the solar cycle 23.



Full disk images obtained with Spar telescope. Left: Image obtained on 16.04.2024, Right: Partial Solar eclipse observation during 21.06.2020

DATA ARCHIVE

https://www.prl.res.in/~usodataarchive/spar_images/spar_data.html