

iSWA Layout Questions

Please use the following iSWA layouts to answer the questions below:

iSWA layouts (Internet required)

<http://ccmc.gsfc.nasa.gov/support/ILWS/layouts.php>

iSWA layouts (on local SSW2016 School web server)

<http://10.0.1.5/support/ILWS/layouts.php>

Name two data sources (observations and/or models) used to monitor/analyze the following 8 solar phenomena:

1. Flare

2. CME

3. Coronal hole high speed solar wind stream

4. SEPs

5. Interplanetary Shock Arrival

6. Geomagnetic storm

7. Radiation belt electron flux (observed at geosynchronous orbit)

8. Modeled magnetopause boundary

9. Please compose an iSWA layout for the 15 March 2015 solar event (including the flare, CME, SEP, CME's arrival at ACE, the resulting Kpmax) and so on. The more you show a complete picture, the better.