

SIDC Space Weather briefing

23 – 29 April 2018

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and SIDC forecaster team

Solar Influences
Data analysis Centre
www.sidc.be



Royal Observatory
of Belgium

Summary Report

Solar Activity:

Active Regions	2 regions NOAA 2706, 2707
Flaring	No C-class flares
Filaments	None
CMEs	No significant CMEs
Proton Events	Background level

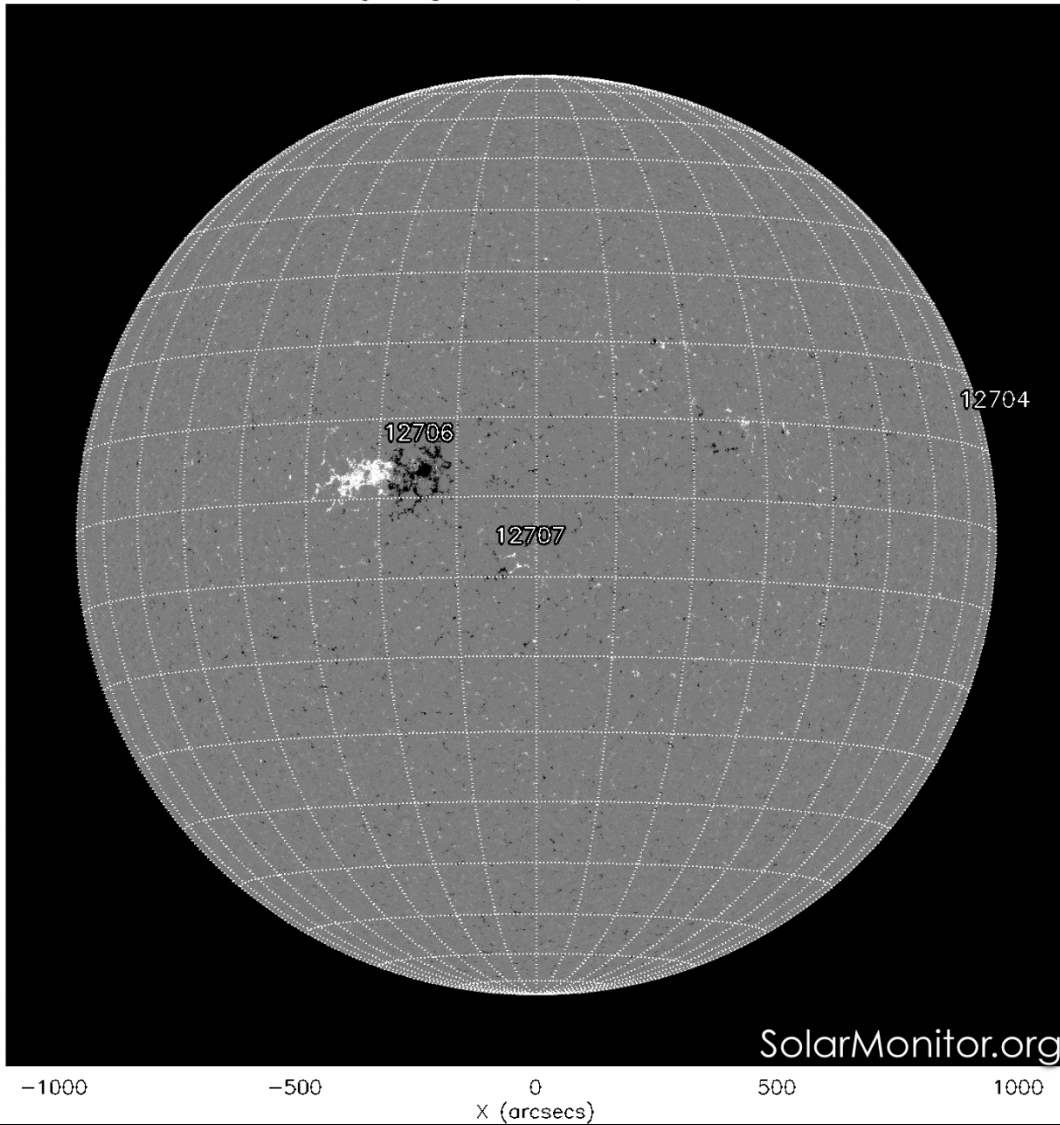
Solar wind and Geomagnetic conditions:

ICMEs	No Earth directed CME
Coronal Hole	None
SW conditions	Normal
Kp index	Quiet

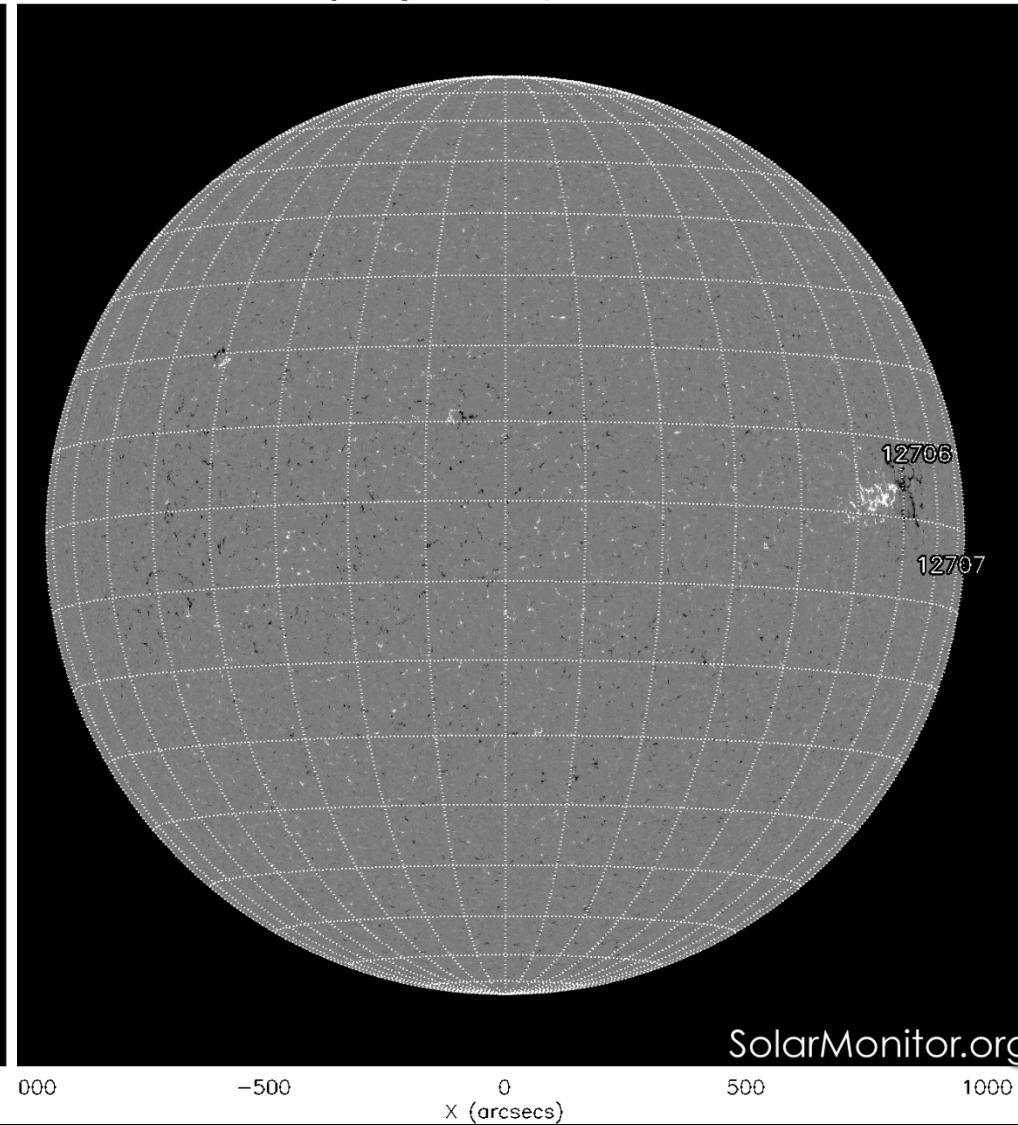
ALL QUIET ALERT issued on 28/04/2018

Solar active region evolution

SDO HMI Magnetogram 23-Apr-2018 22:34:40.700

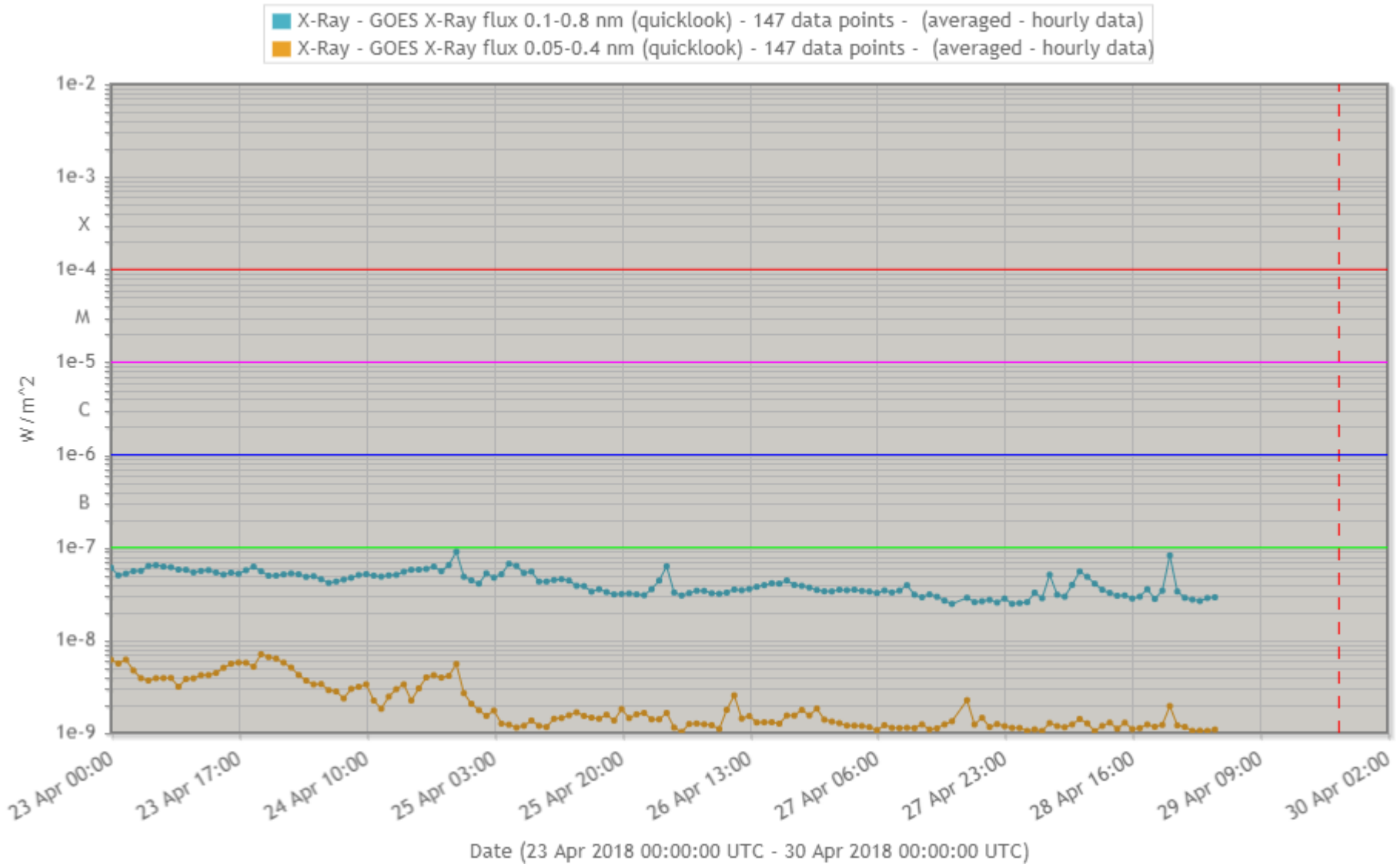


SDO HMI Magnetogram 29-Apr-2018 14:34:41.500



Solar X-ray flux and flaring

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CMEs

NONE

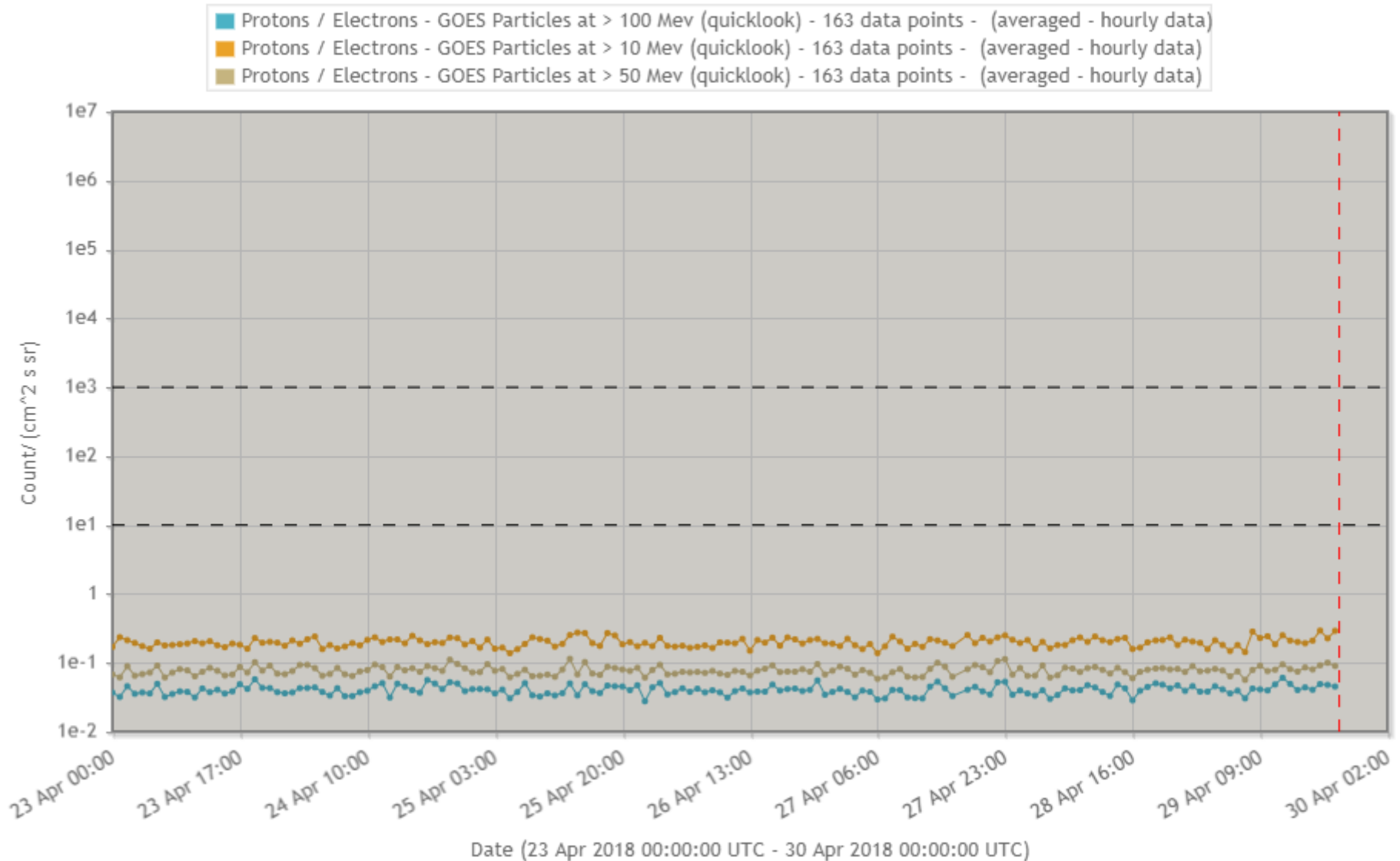


S W N E

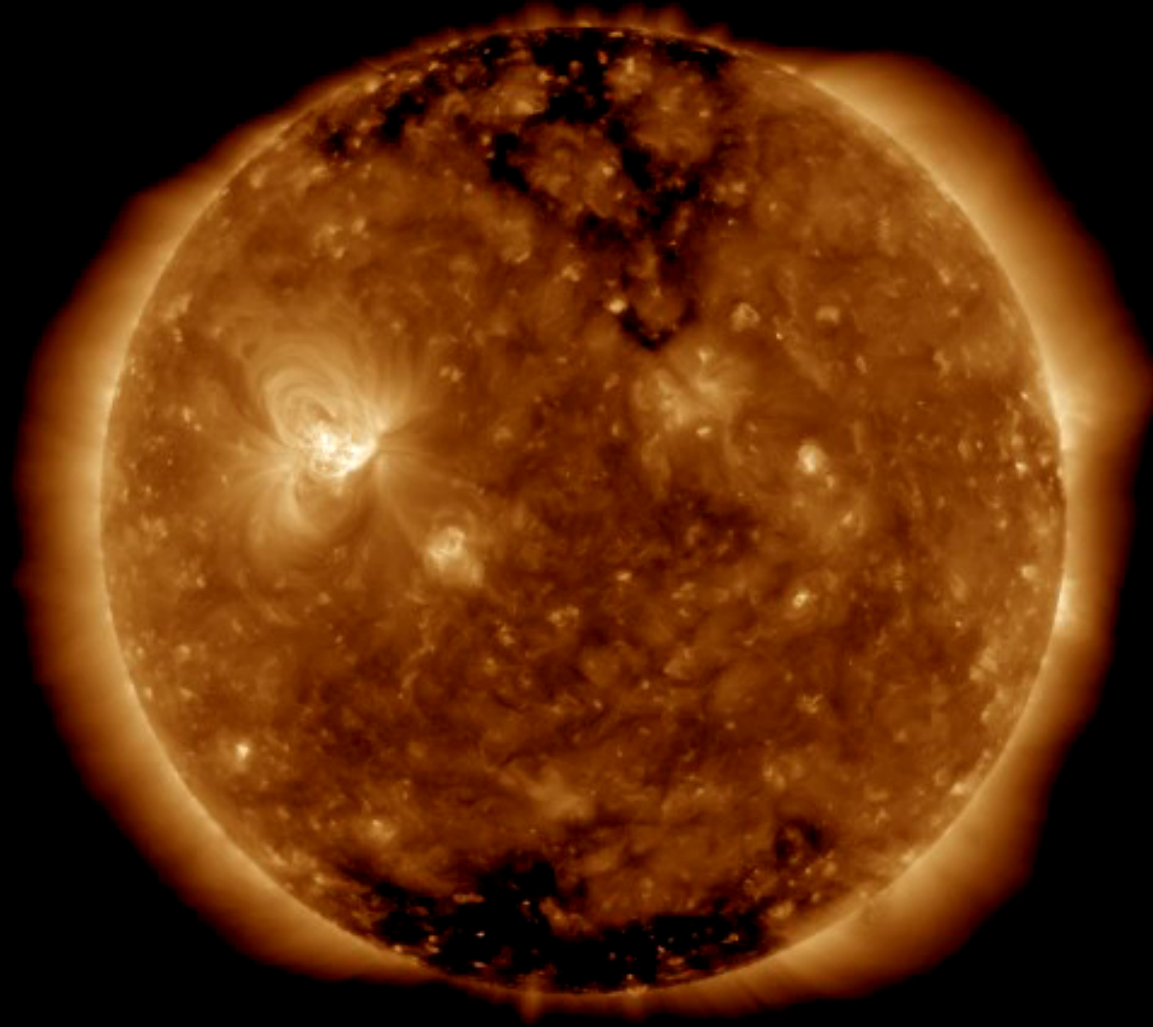
06:53 04/29
04:36 04/29
02:52 04/29
01:27 04/29
23:33 04/28
21:49 04/28
20:26 04/28
18:53 04/28
17:25 04/28
15:57 04/28
14:30 04/28
12:33 04/28
11:05 04/28
09:37 04/28
08:09 04/28
06:36 04/28
04:51 04/28
03:23 04/28
01:52 04/28
00:00 04/28
20:36 04/27
17:48 04/27
15:12 04/27
11:48 04/27
09:24 04/27
05:24 04/27
01:25 04/27
21:54 04/26
18:36 04/26
16:12 04/26
12:48 04/26
09:48 04/26
07:00 04/26
04:12 04/26
00:36 04/26
21:12 04/25
18:36 04/25
15:48 04/25
12:00 04/25
09:24 04/25
06:24 04/25
03:36 04/25
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17:36 04/24
14:48 04/24
11:24 04/24
08:48 04/24
06:24 04/24
03:48 04/24
00:24 04/24
21:36 04/23
18:36 04/23
15:24 04/23
11:54 04/23
09:12 04/23
05:54 04/23
03:18 04/23
00:00 04/23

Energetic particles

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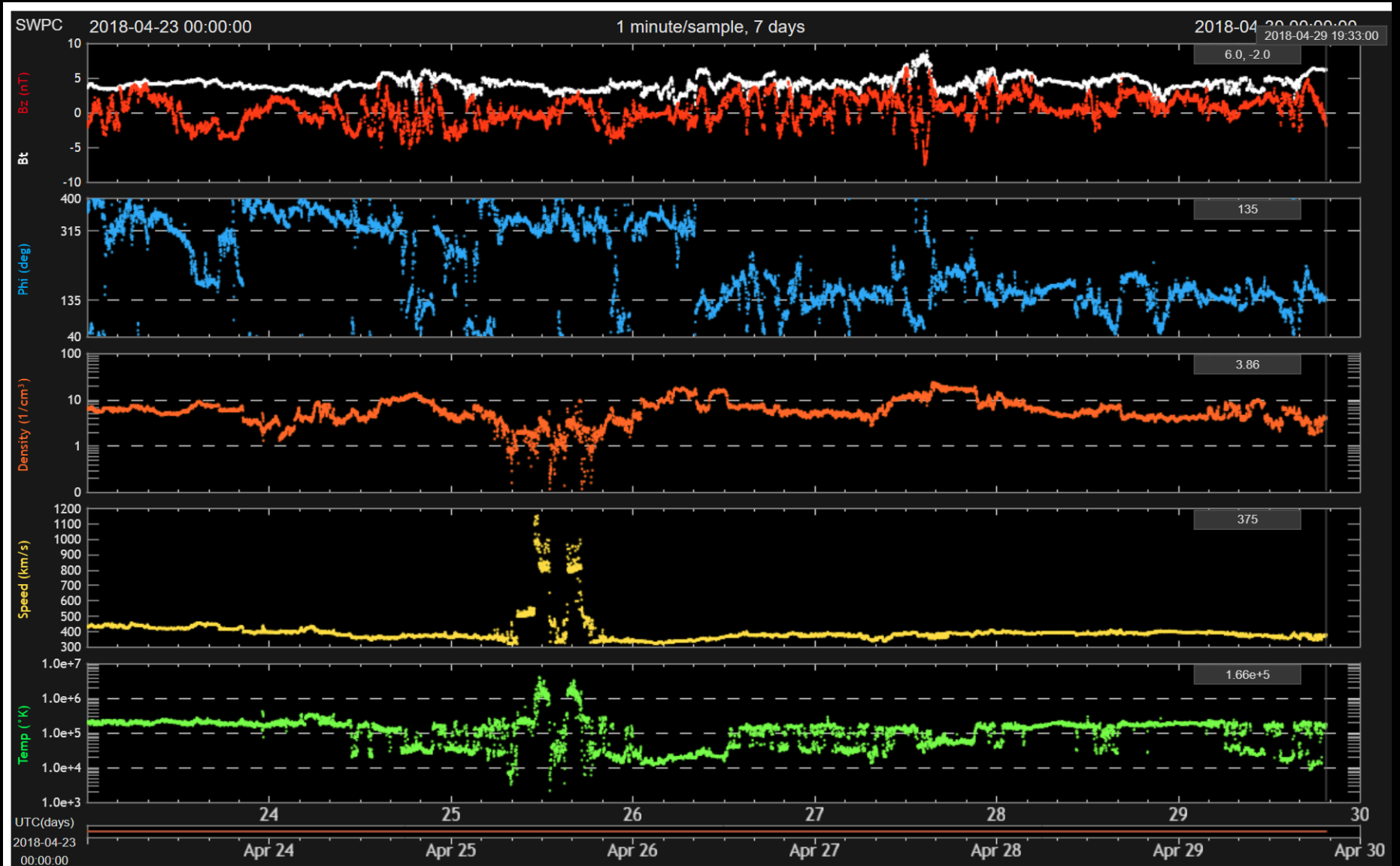


Coronal holes



SDO/AIA 193 2018-04-23 00:55:41 UT

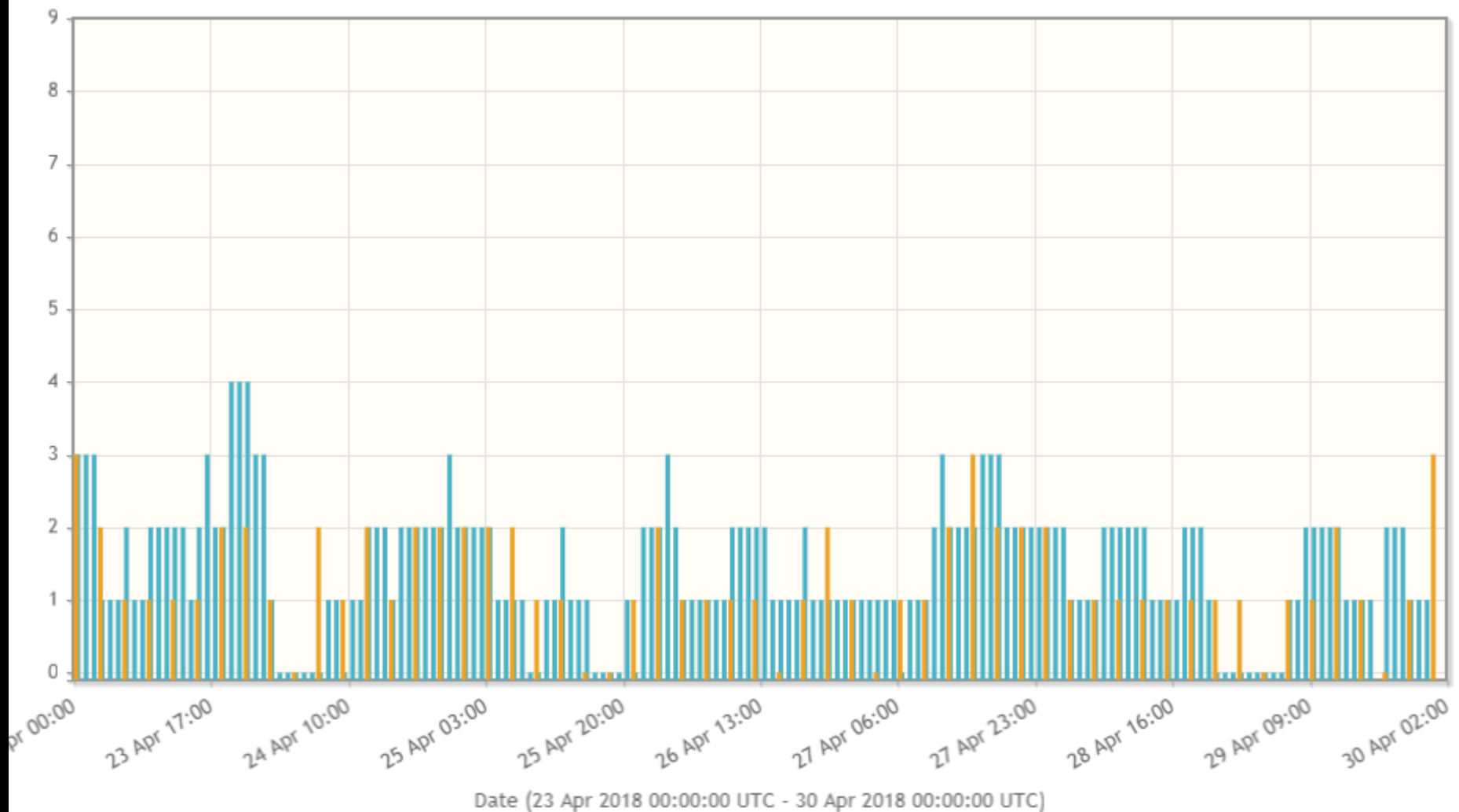
Solar wind



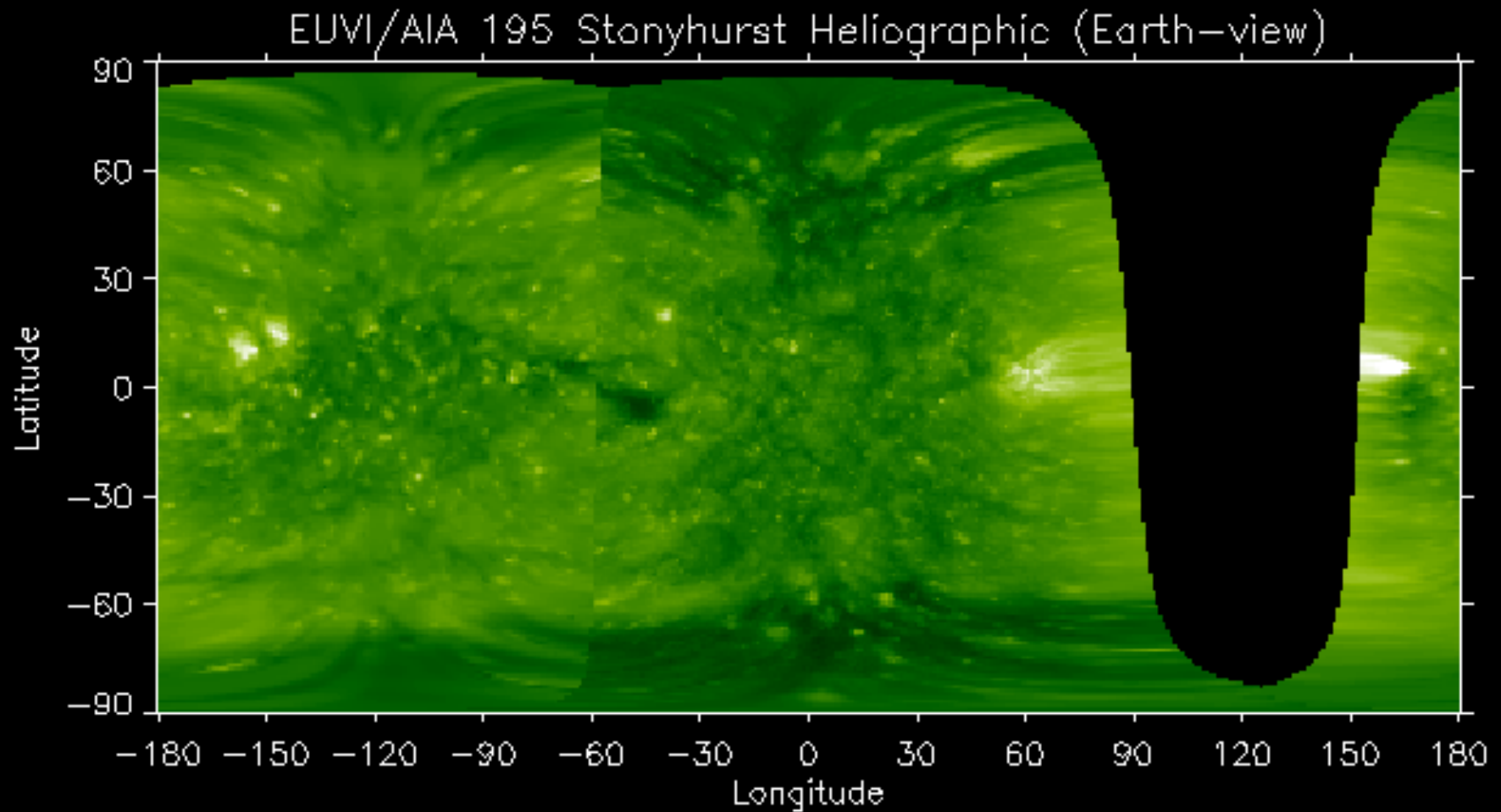
Geomagnetism

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Geomagnetic - K (Dourbes) (quicklook) - 168 data points - (raw - 3 hour data)
Geomagnetic - Kp (NOAA) (quicklook) - 57 data points - (raw - 3 hour data)



Outlook



Observation date: 2018/04/29 19:05:30

SIDC Space Weather briefing

See you at a next briefing!

Or visit us at www.sidc.be

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