SPACE WEATHER PORTALS

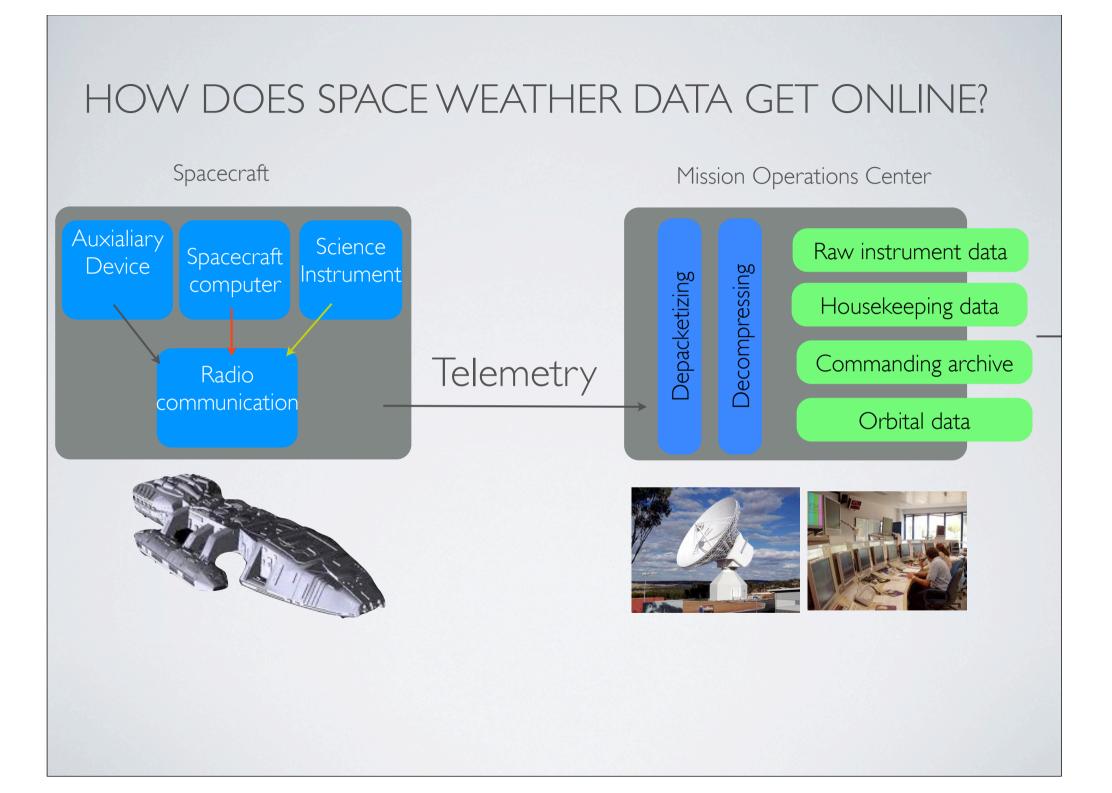
monitoring and forecasting made easy

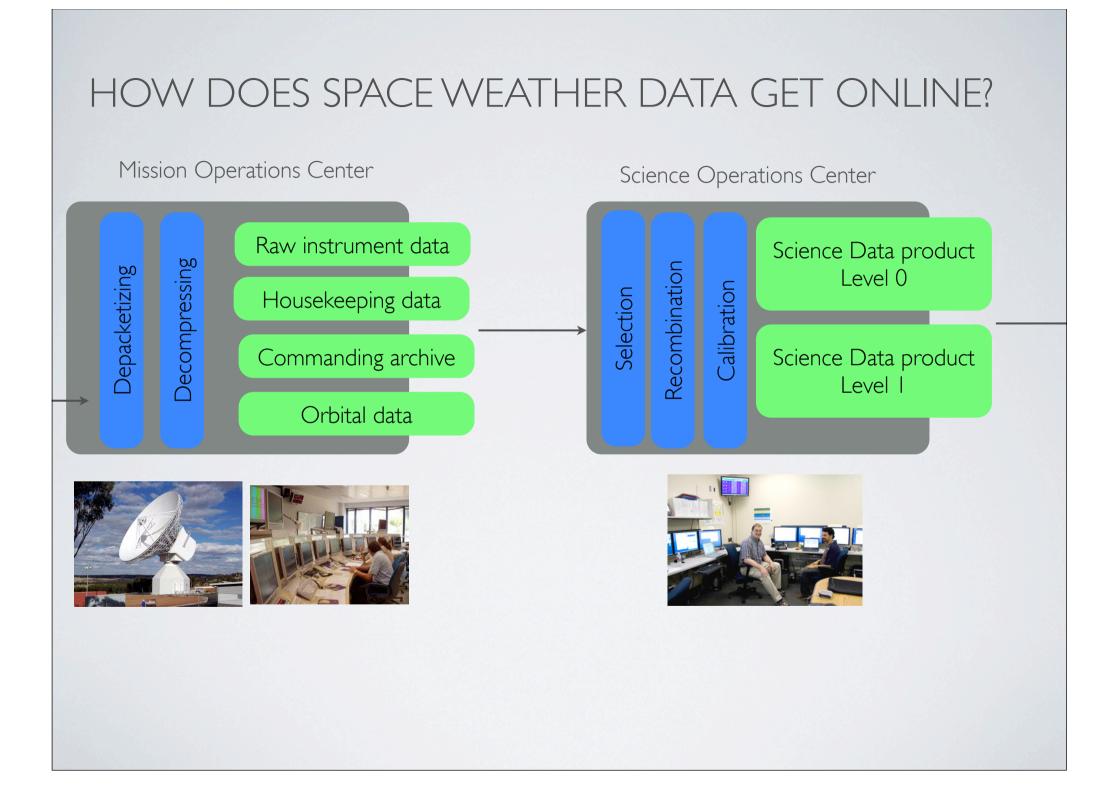


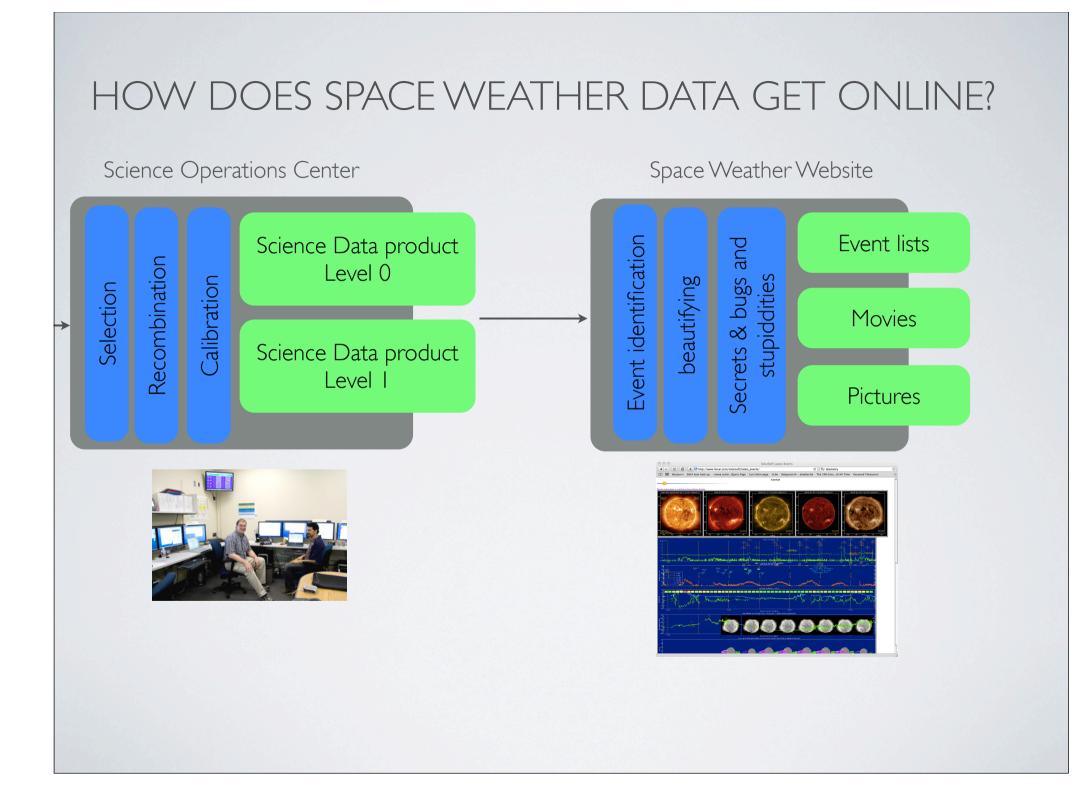
David.Berghmans@gmail.com

Royal Observatory of Belgium <u>http://sidc.be</u>, <u>http://proba2.sidc.be</u>









http://proba2.sidc.be/Presentations/ICTP

Go directly to ACE

Solar Monitor http://www.solarmonitor.org/

Events

00

- Solarsoft Latest Events <u>http://www.lmsal.com/solarsoft/latest_events/</u>
- SOTERIA online Solar Event Catalogue <u>http://soteria-event.uni-graz.at/</u>
- CACTUS, Computer Aided CME recognition http://sidc.be/cactus

Special data sets

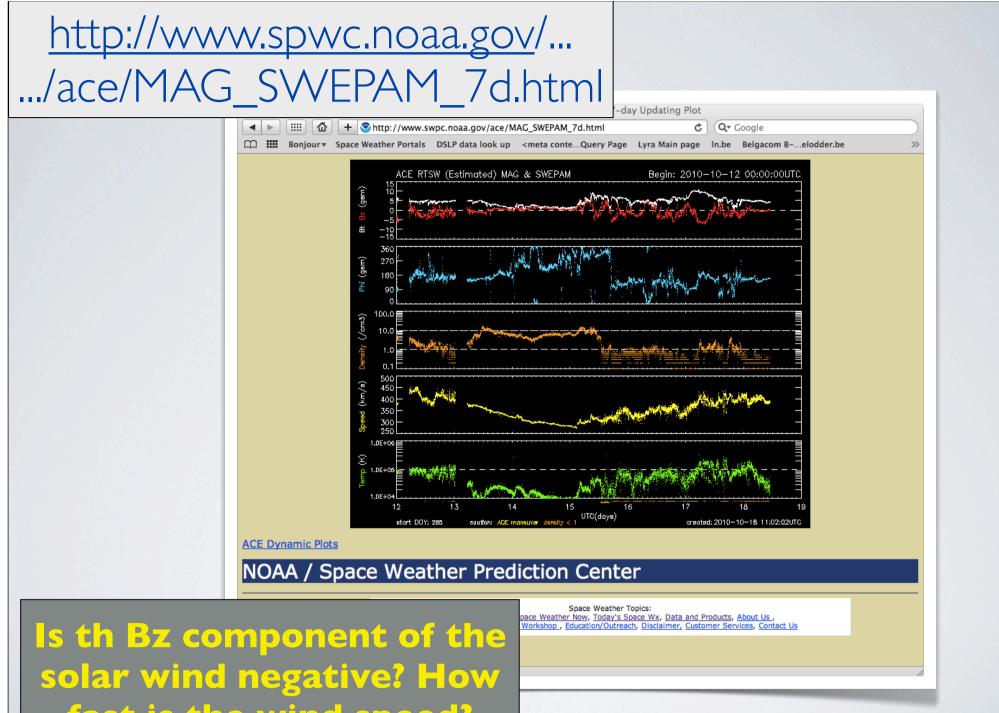
- The Sun Today (SDO) http://sdowww.lmsal.com/suntoday
- Flare monitoring through GOES Xray flux http://www.swpc.noaa.gov/rt plots/xray 5m.html
- · Coronal hole maps from SOLIS (National Solar Observatory) http://solis.nso.edu/vsm_fulldisk3.html

Space Weather Portals

- ACE solar wind measurements <u>http://www.swpc.noaa.gov/ace/MAG_SWEPAM_3d.html</u>
- STEREO images http://stereo-ssc.nascom.nasa.gov/beacon/beacon_secchi.shtml
- SWAP latest movie http://proba2.oma.be/swap/data/mpg/movies/latest_swap_movie.mp4

Presentation files

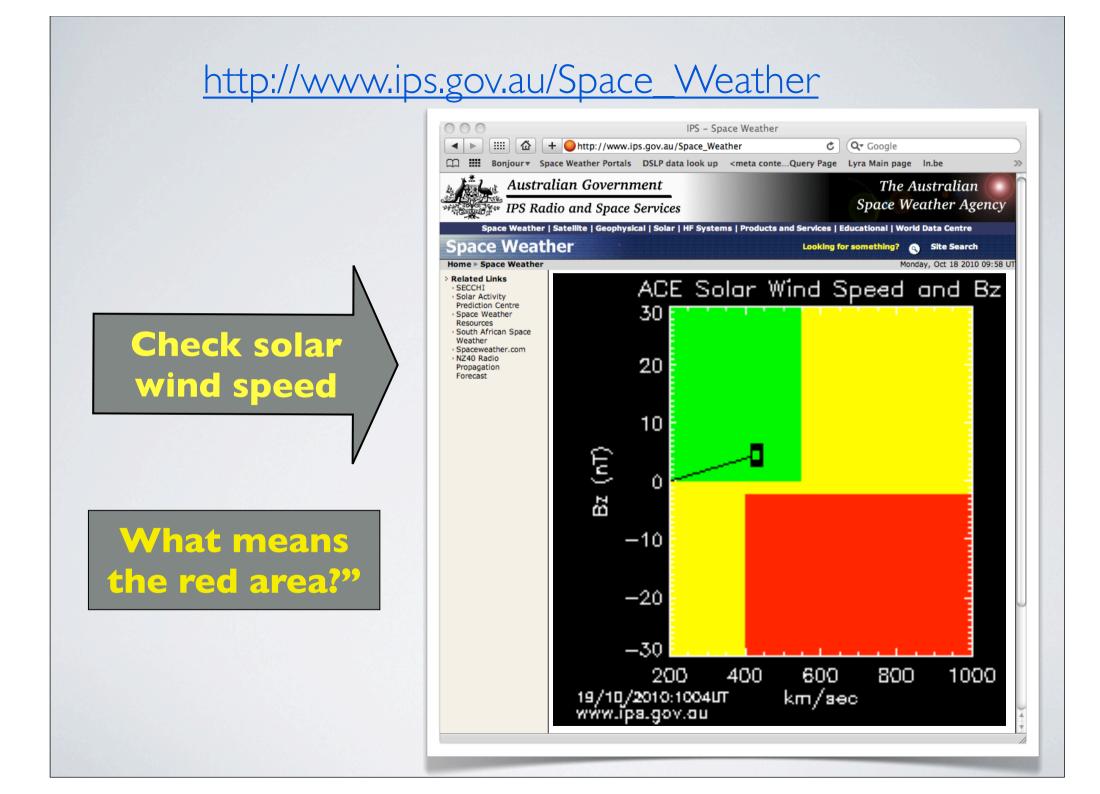
- Logistics of Space (Weather) Data [Keynote file], [PDF]
- Space Weather Portals [Keynote file], [PDF]



fast is the wind speed?

http://www.ips.gov.au/

Australia IPS radio and space services

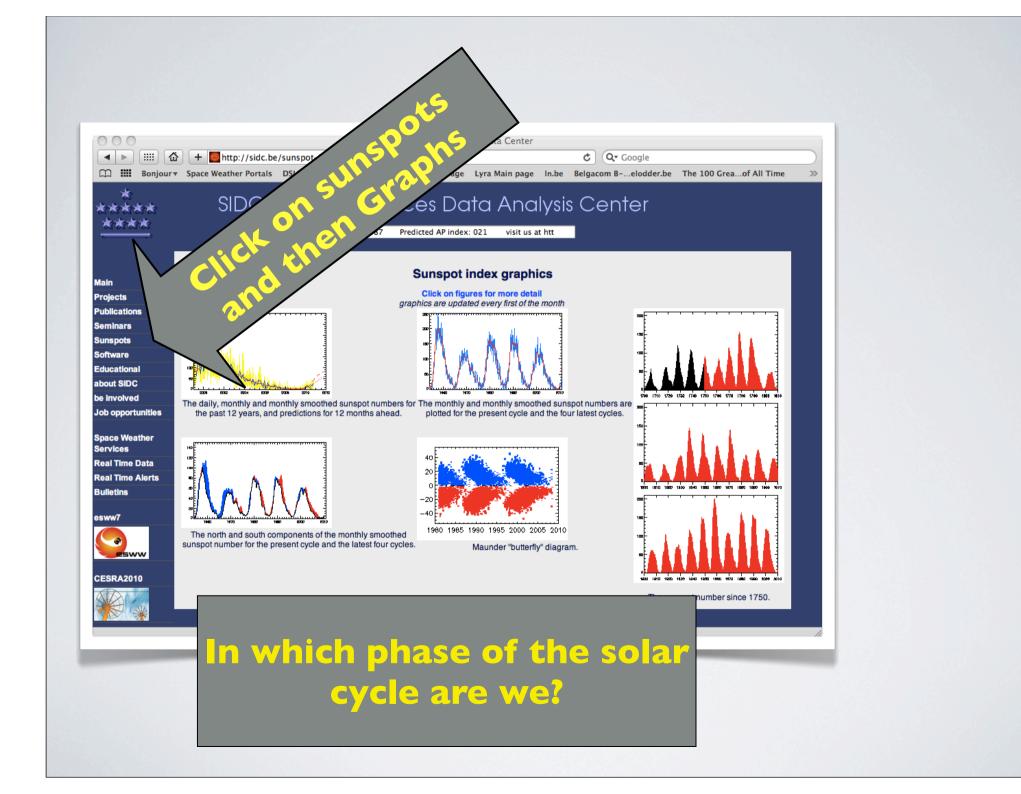


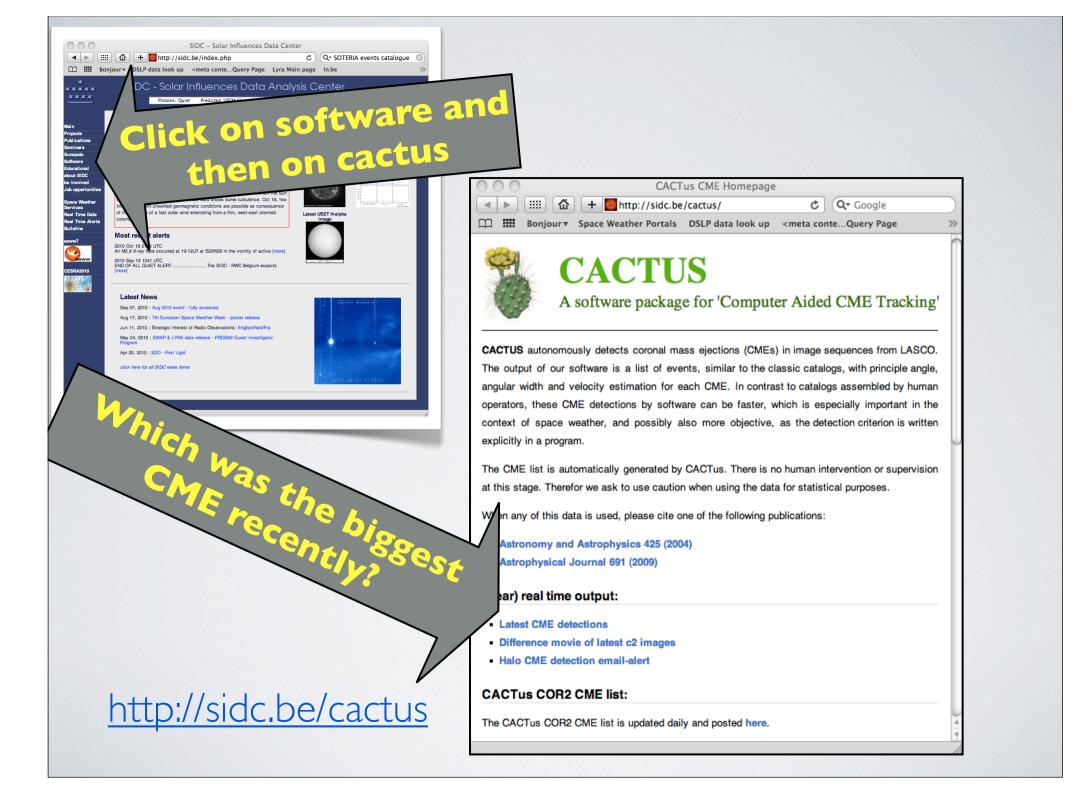


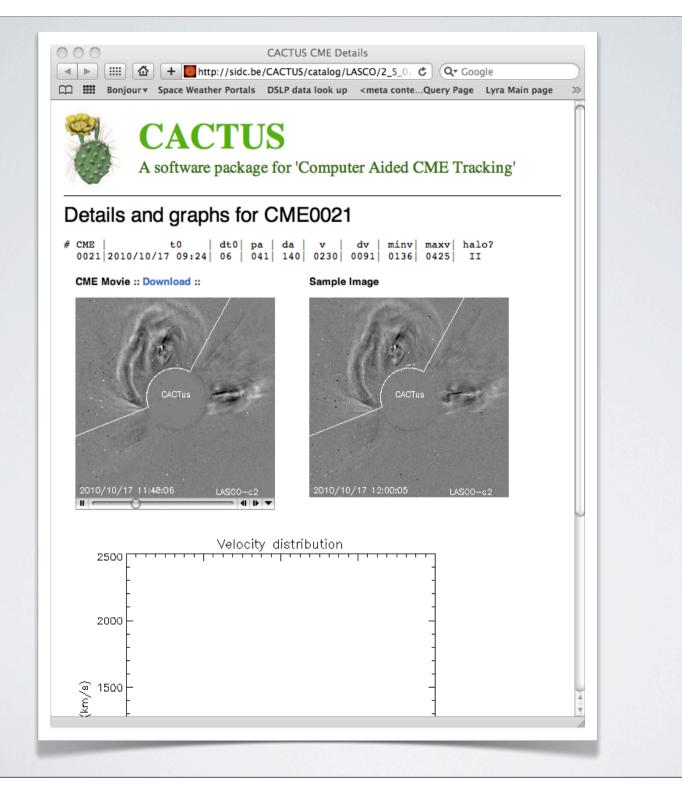
Brussels (Belgium) SIDC- Royal Observatory of Belgium











http://www.ises-spaceweather.org/



| Site Map | Contact us | Privacy Policy |

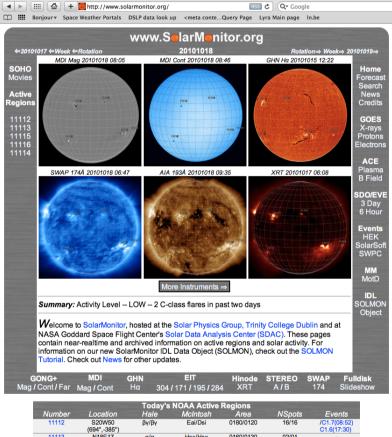
ISES

http://www.solarmonitor.org/

Solar Monitor (Trinity College Dublin)

http://www.solarmonitor.org/

Compare magnetogram of AR 11112 of Oct 13 with Oct 15



www.SolarMonitor.org

	(694",-385")	erer				C1.6(17:30)
11113	N18E17 (-268",211")	α/α	Hsx/Hsx	0160/0130	02/01	-
11115	S28E32 (-451",-522")	α/α	Hsx/Hsx	0140/0170	01/01	-
11116	N22W20 (306",277")	β/-	Bxo/	0020/	02/	-
11114	S21W87 (897",-347")	1	1	1	/	-

Events not associated with currently named NOAA regions: None

Note: The tabulated data are based on the most recent NOAA/USAF Active Region Summary issued on 18-Oct-2010 00:30 UT , the values to the right of the forward slashes representing yesterdays values or events. Regions with no data in above property fields have decayed and exhibit no splots. The region positions are valid on 18-Oct-2010 09:30 UT .

http://www.solarmonitor.org/

Last Wednesday

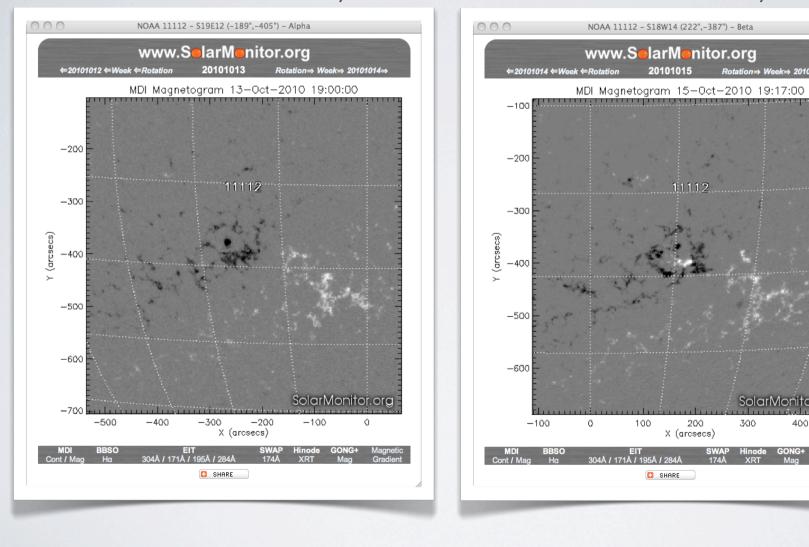
Last Friday

Rotation⇒ Week⇒ 20101016⇒

SolarMonitor.org

400

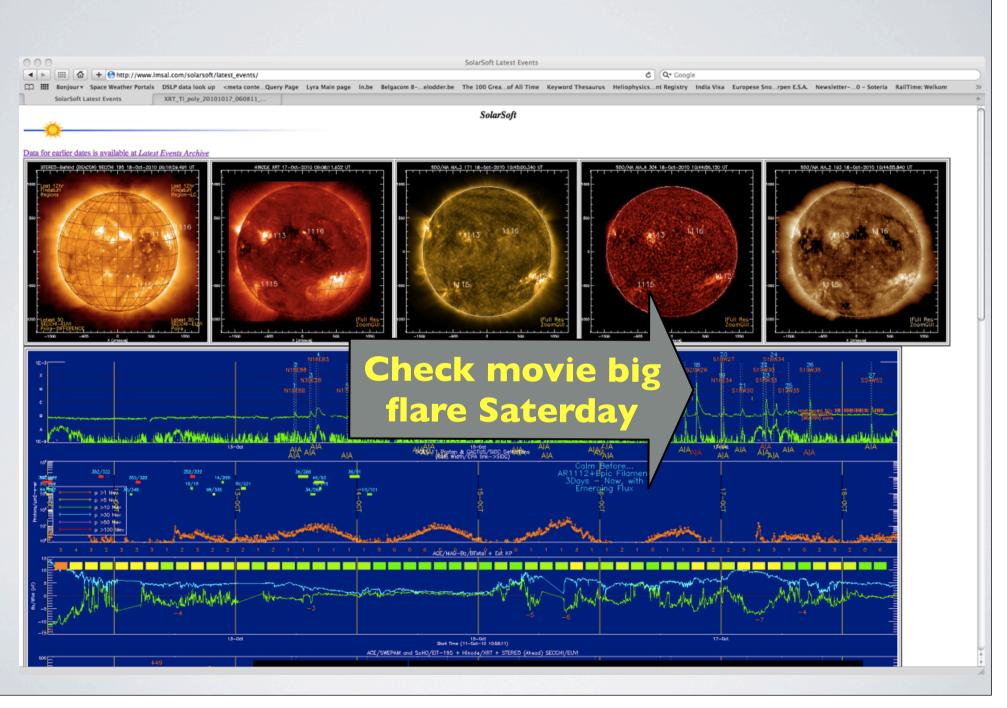
300



http://www.lmsal.com/solarsoft/latest_events/

Solarsoft Latest Events Page

http://www.lmsal.com/solarsoft/latest_events/



http://soteria-event.uni-graz.at/

SOTERIA events database

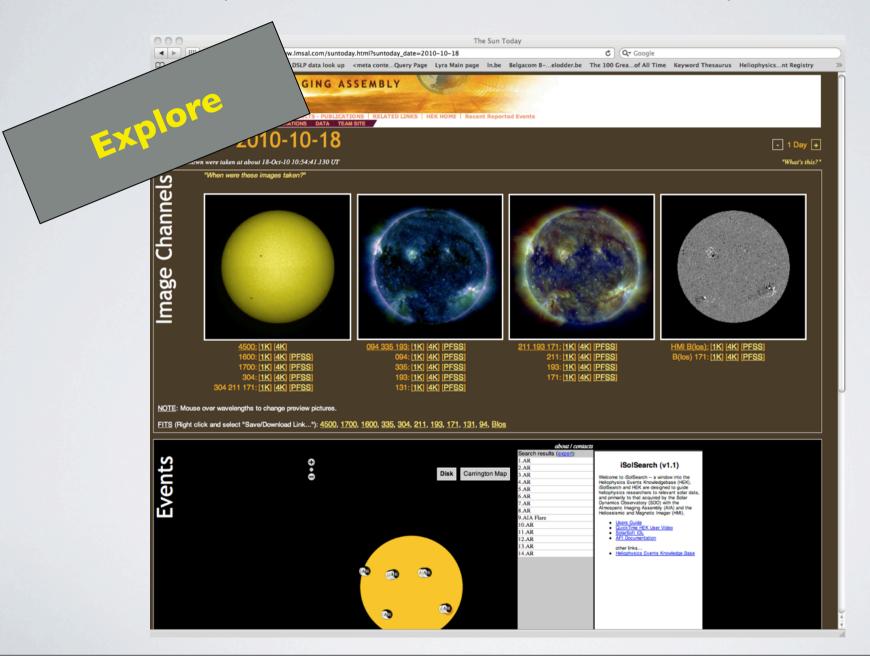
http://soteria-event.uni-graz.at/



http://sdowww.lmsal.com/suntoday.html

The Sun Today

http://sdowww.lmsal.com/suntoday.html



YOURTURN

Find out what happened around April 3-5 2010. You might want to Google on "Galaxy 15"

> Nothing spectacular happened on Oct 13. Is this correct? What was the biggest flare? What was the widest CME?

Read the online space weather tabloid: <u>http://spaceweather.com</u>