

第七週(3/27~4/2)值週報告

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News

天宮一號墜毀

8:16 a.m. UTC+8 April 2 , 2018

**Joint Force Space Component Command****Media Advisory**

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FOR IMMEDIATE RELEASE

April 1, 2018

Release No. 01-180401

JFSCC tracks Tiangong-1's reentry over the Pacific Ocean

VANDENBERG AIR FORCE BASE, Calif. – U.S. Strategic Command's (USSTRATCOM) Joint Force Space Component Command (JFSCC), through the Joint Space Operations Center (JSPOC), confirmed Tiangong-1 reentered the Earth's atmosphere over the southern Pacific Ocean at approximately 5:16 p.m. (PST) April 1, 2018.

The JFSCC used the Space Surveillance Network sensors and their orbital analysis system to confirm Tiangong-1's reentry, and to refine its prediction and ultimately provide more fidelity as the reentry time approached. This information is publicly-available on USSTRATCOM's website www.Space-Track.org. The JFSCC also confirmed reentry through coordination with counterparts in Australia, Canada, France, Germany, Italy, Japan, South Korea, and the United Kingdom.

"The JFSCC works alongside government, industry and international partners to track and report reentries, to include today's Tiangong-1 reentry, because the space domain is vital to our shared international security interests," said Maj. Gen. Stephen Whiting, Deputy Commander, JFSCC, and Commander, 14th Air Force. "One of our missions, which we remain focused on, is to monitor space and the tens of thousands of pieces of debris that congest it, while at the same time working with allies and partners to enhance spaceflight safety and increase transparency in the space domain."

The JFSCC, in conjunction with the 18th Space Control Squadron, is committed to promoting a safe, stable, sustainable, and secure space environment through space situational awareness information sharing. The command shares space situational awareness information and services with government and non-U.S. government entities that need to transit through and operate safely within the space domain. The JFSCC also shares SSA information with partners and space-faring entities to promote the responsible, peaceful, and safe use of space and to strengthen cooperation within the space domain.

"All nations benefit from a safe, stable, sustainable, and secure space domain," said Whiting. "We're sharing information with space-faring nations to preserve the space domain for the future of mankind."

The JFSCC does not predict or track what happens after decay and reentry occurs, such as the exact location of fallen debris on the earth's surface; however, the JFSCC does provide operational information about reentries and potential threats to geographic combatant commands for national defense planning and operations. Additional information about JFSCC processing and reporting reentries of space objects is available [here](#).

For additional information about China's Tiangong-1, please contact the China National Space Administration (CNSA).

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News

重返地球



https://www.youtube.com/watch?v=OhBw5yaR_SU&t=11s

太陽風觀測

3/27~4/2

Solar wind

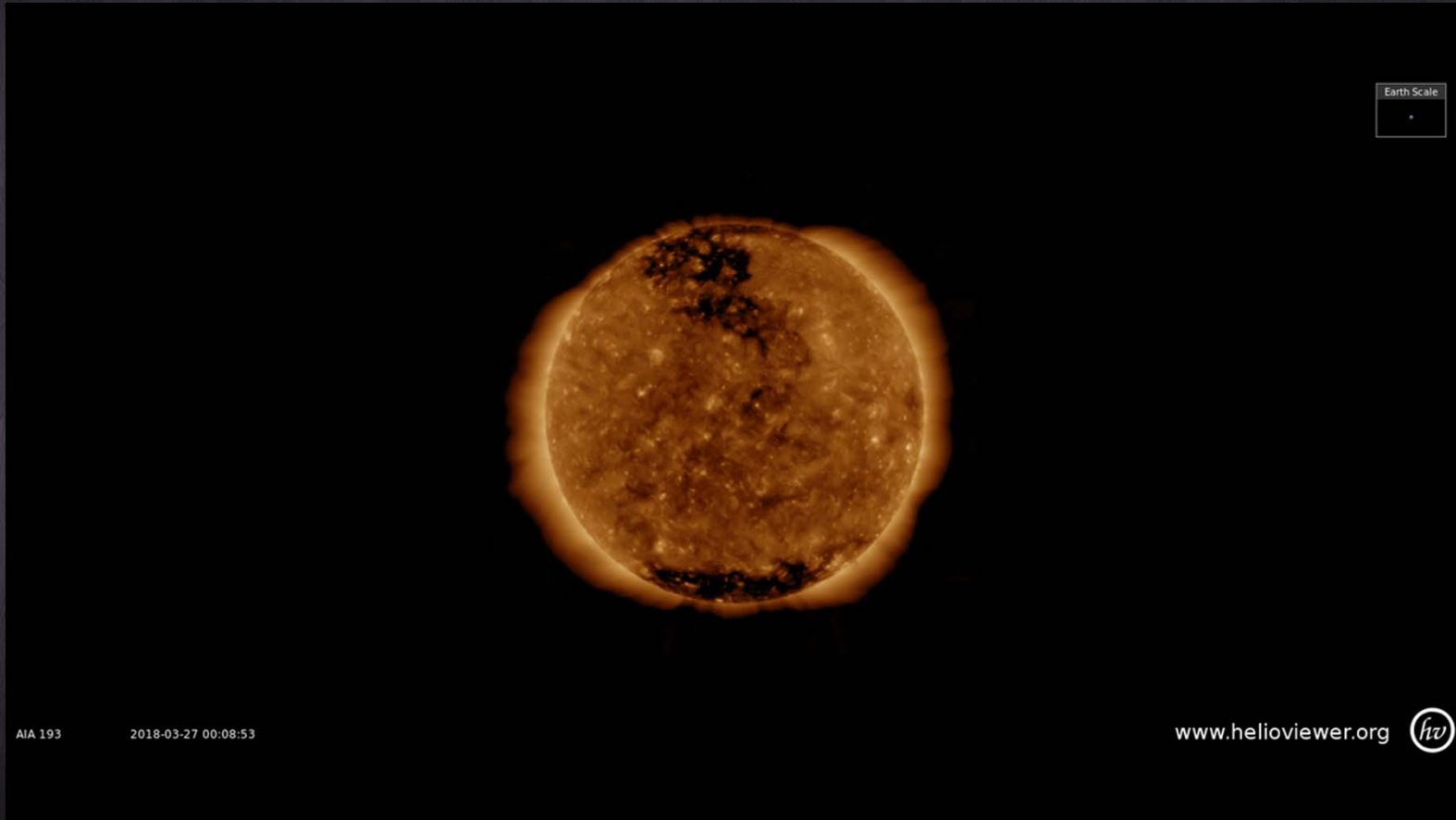
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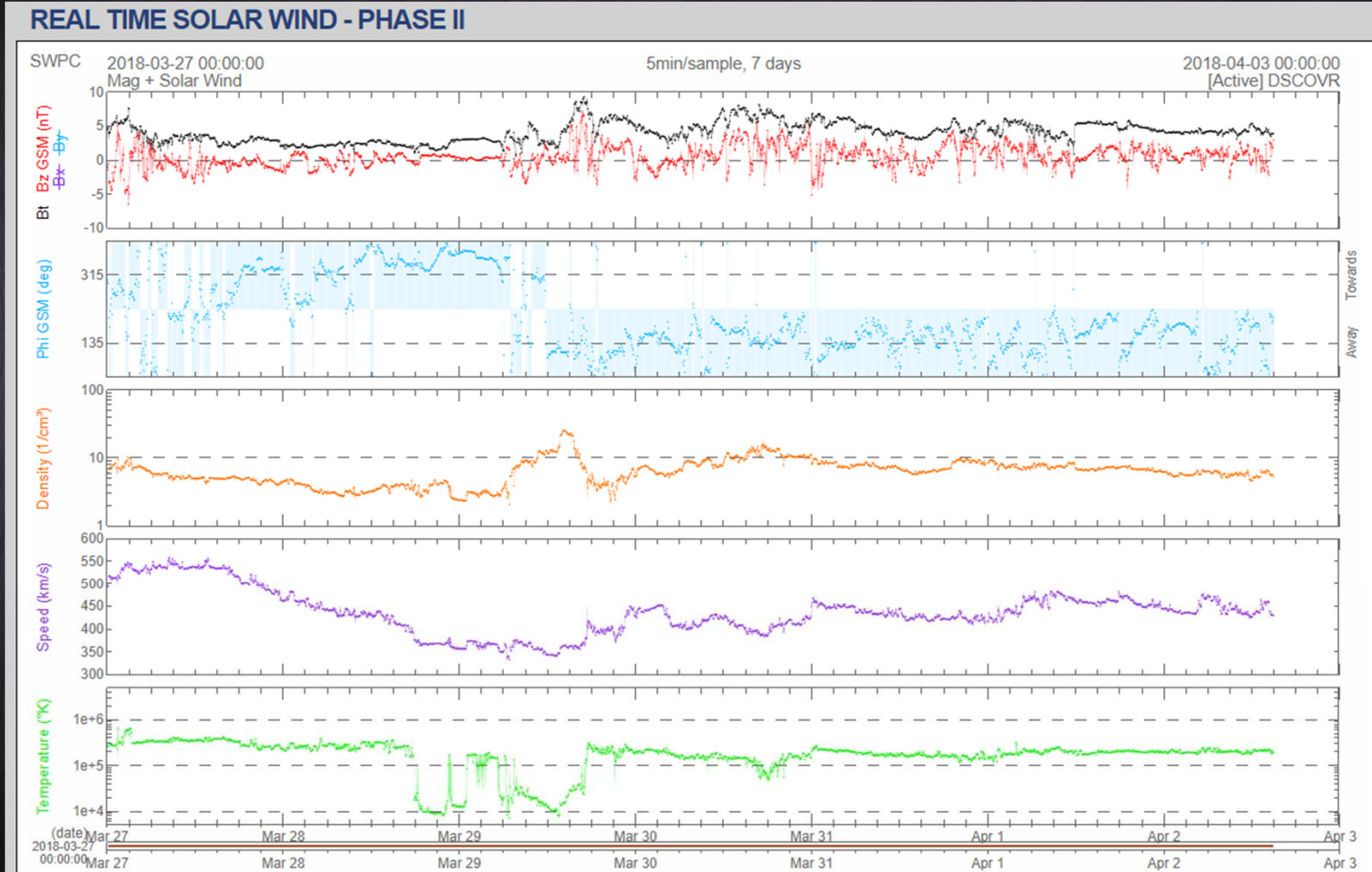
來自同學的一張截圖

Solar wind

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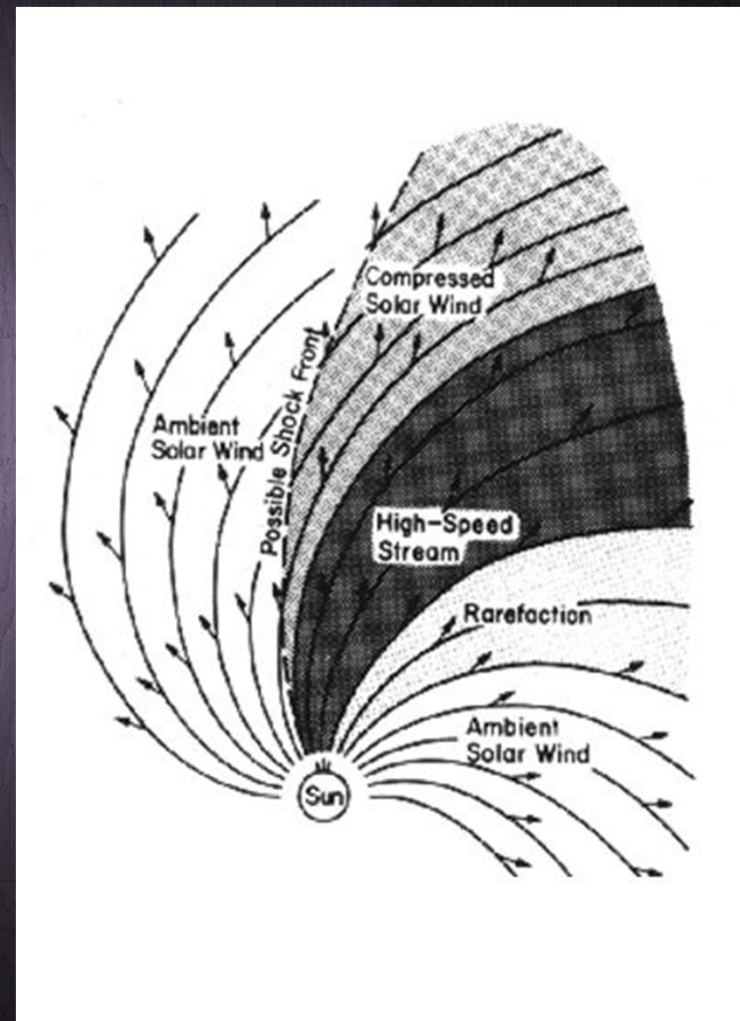
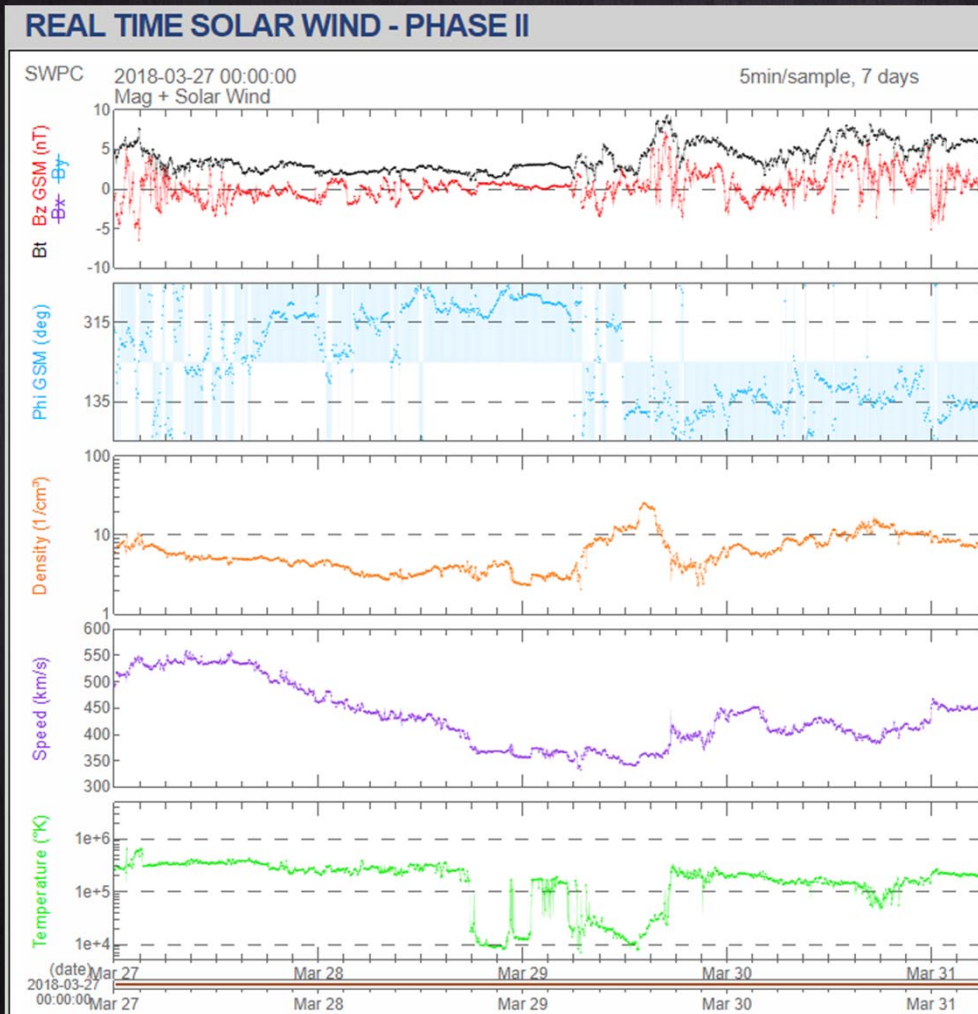


七日太陽風觀測



Solar wind

推論原因為CIR



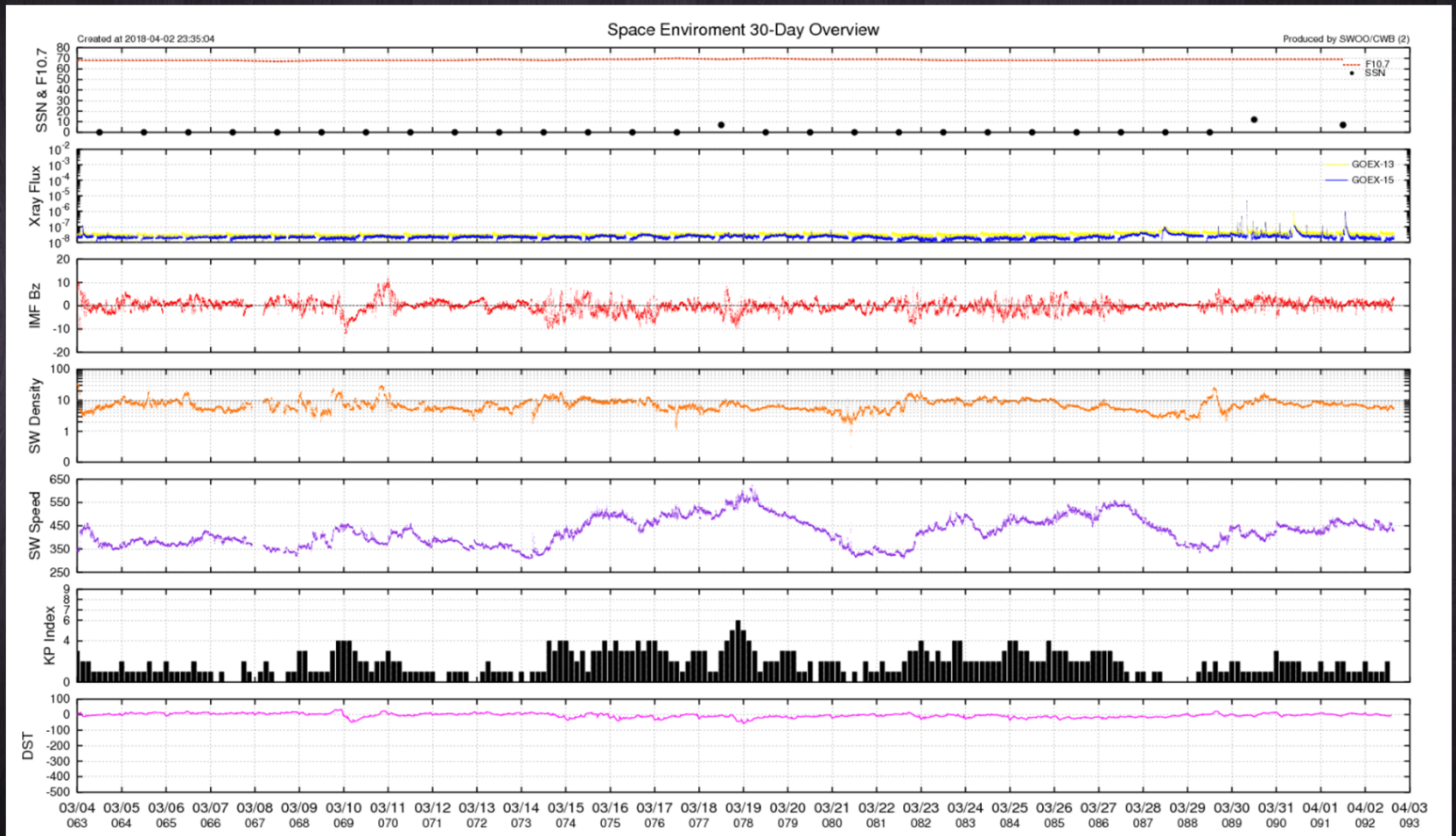
<https://www.swpc.noaa.gov/products/real-time-solar-wind-phase-ii>, <http://www.physics.usyd.edu.au/~cairns/teaching/lecture11/node4.html>

地磁擾動

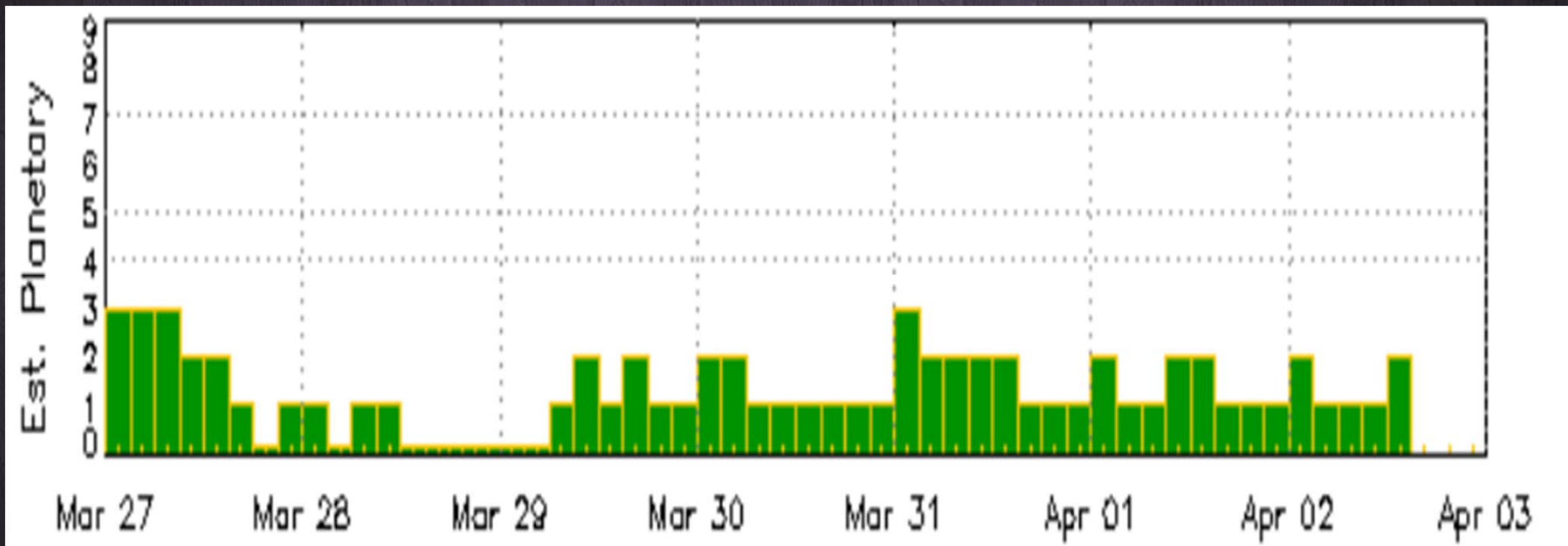
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Geomagnetism

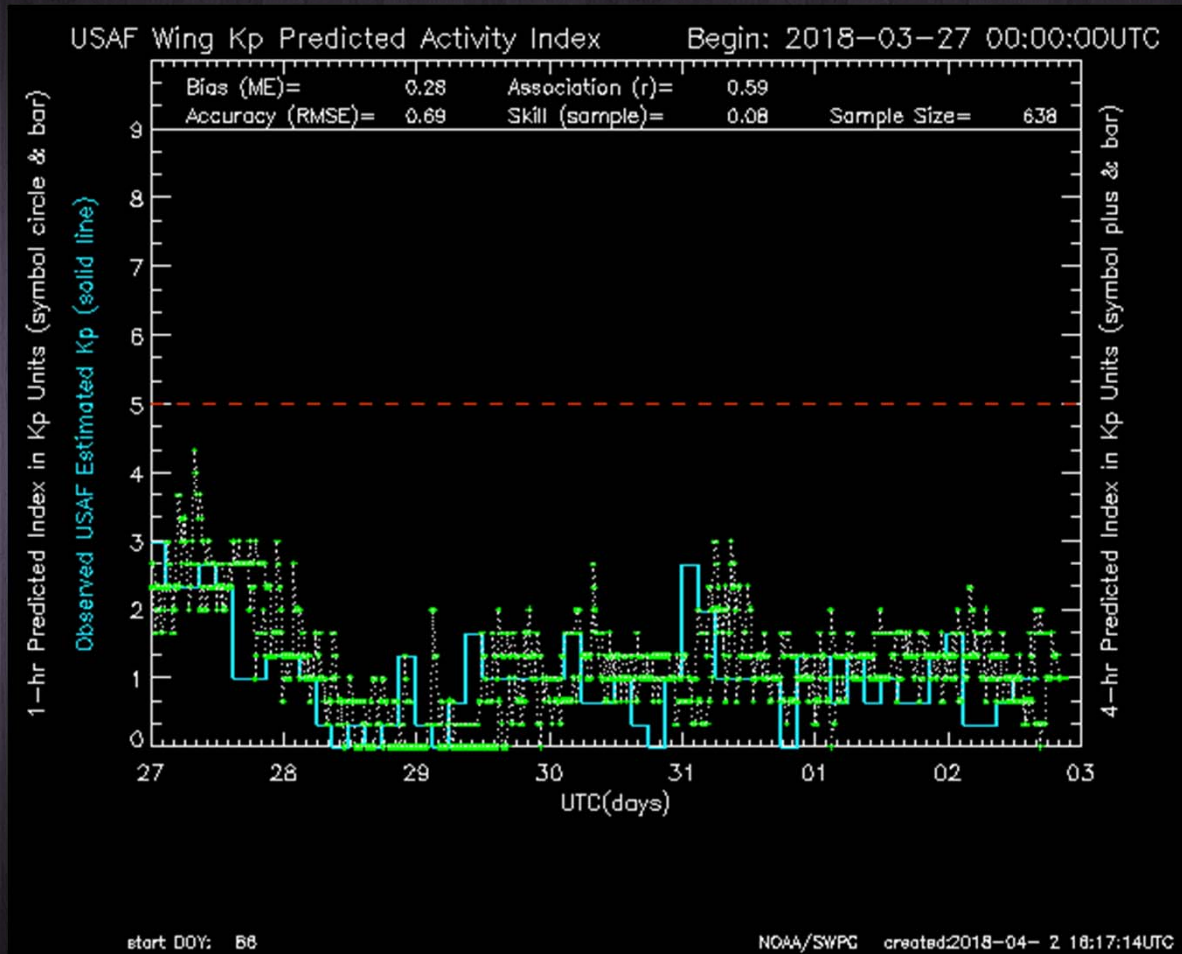
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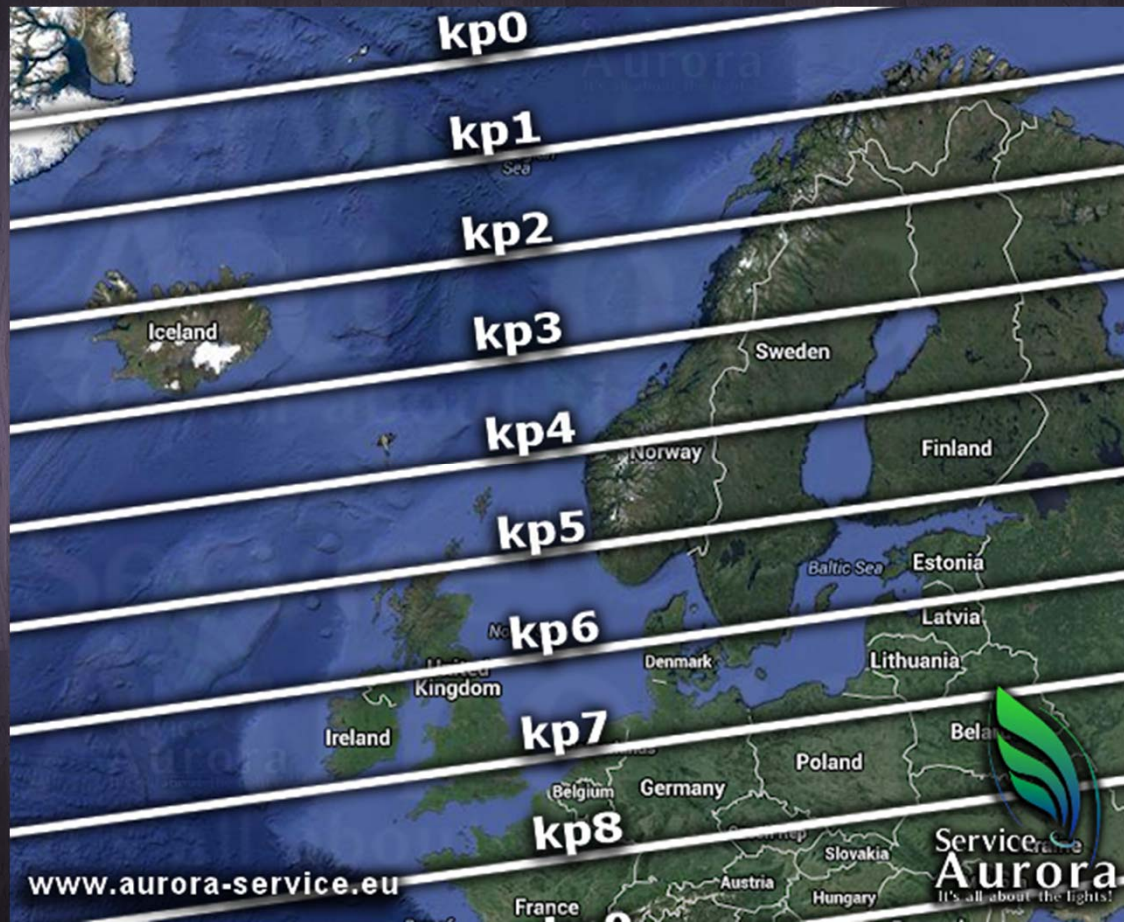
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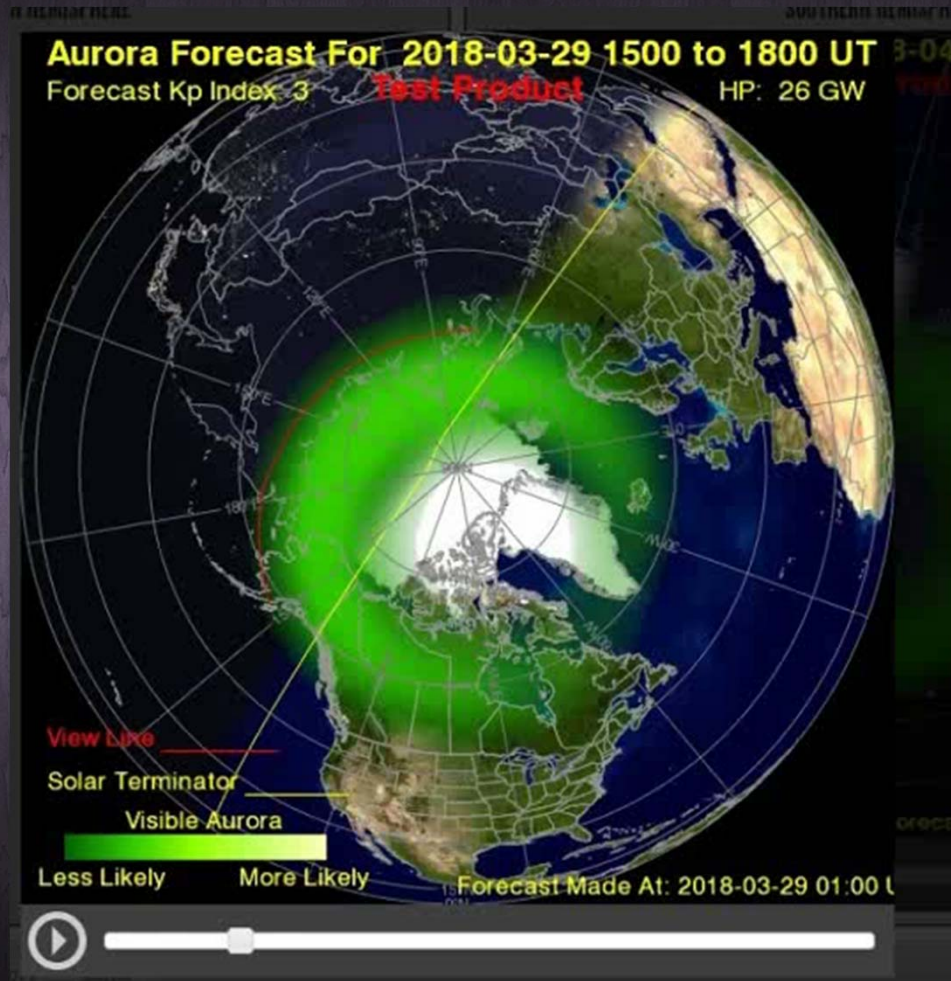
極光預測



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Thank You! 😊