

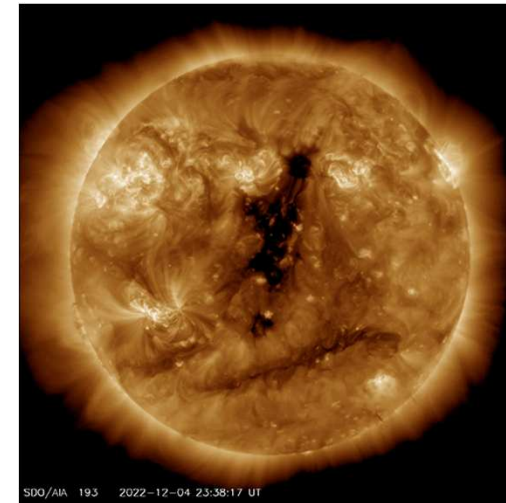
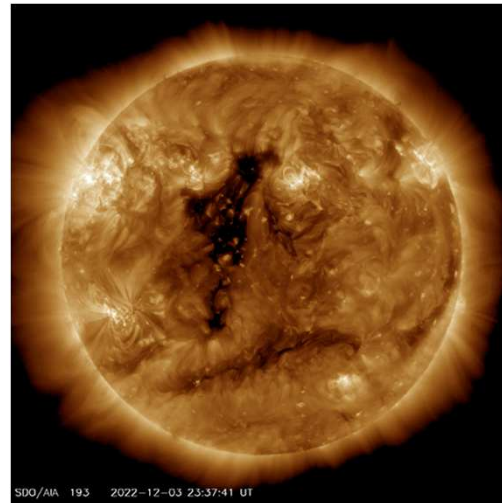
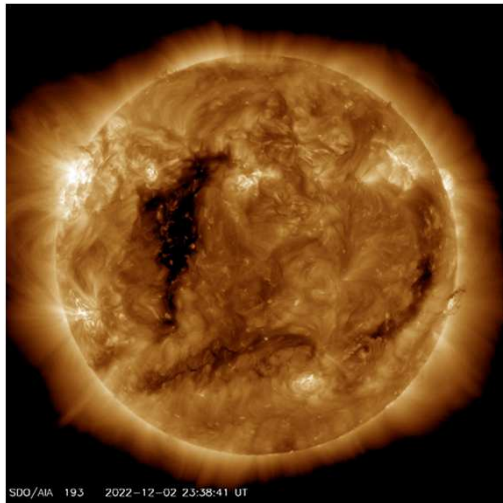
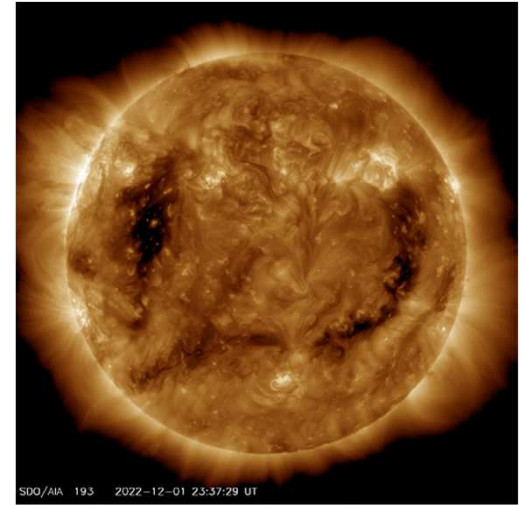
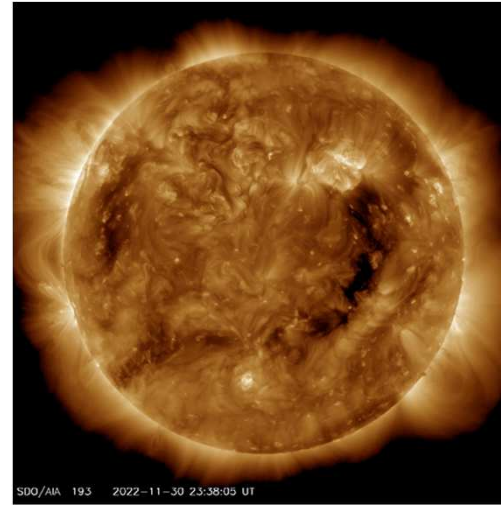
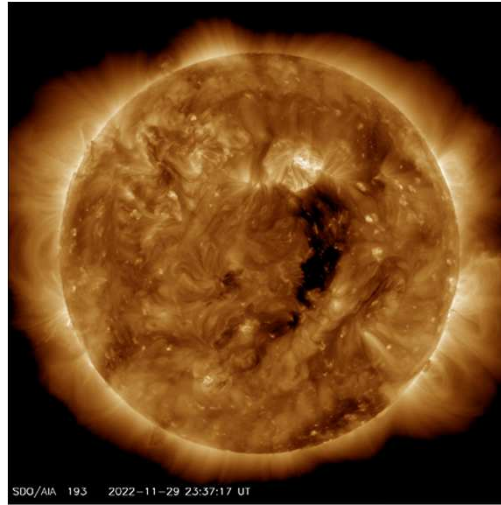
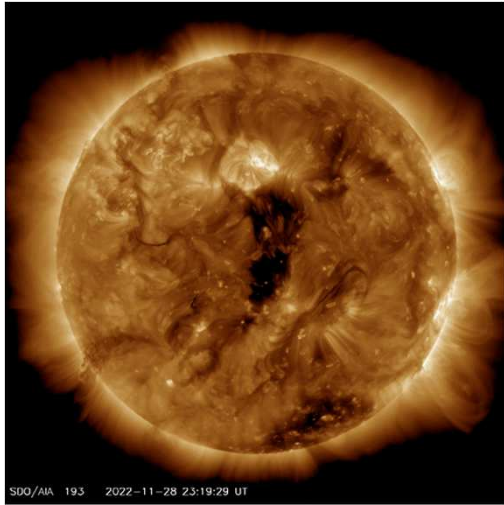
電漿值週

2022/11/28-2022/12/4

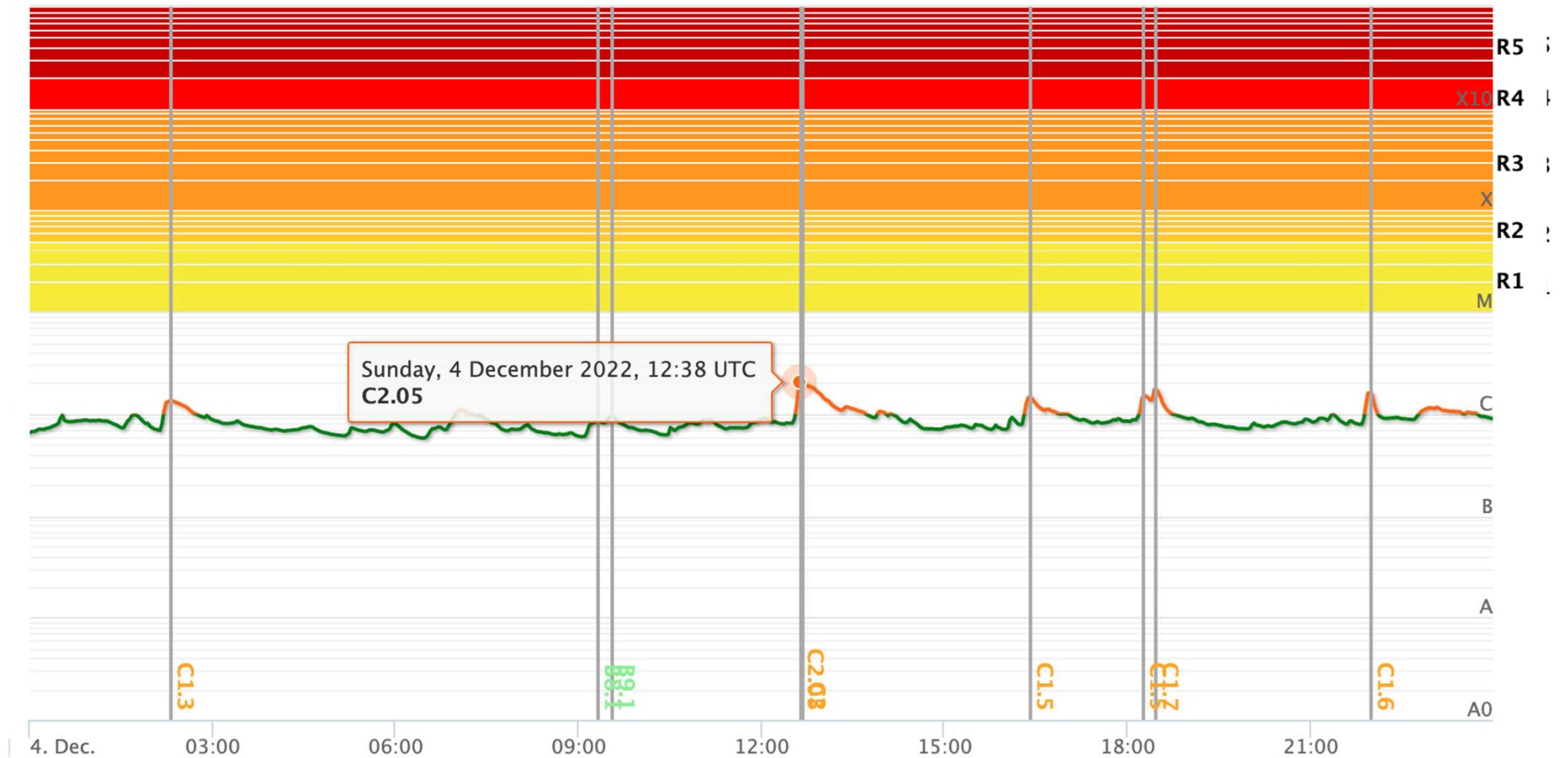
蔣汶儒、周宜萱

193Å (Coronal hole)

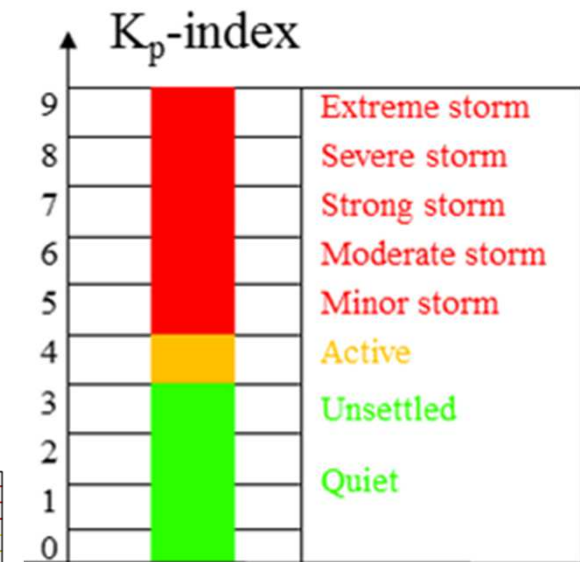
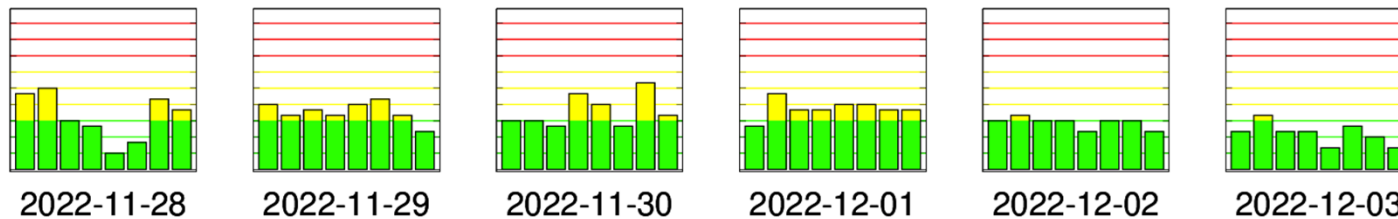
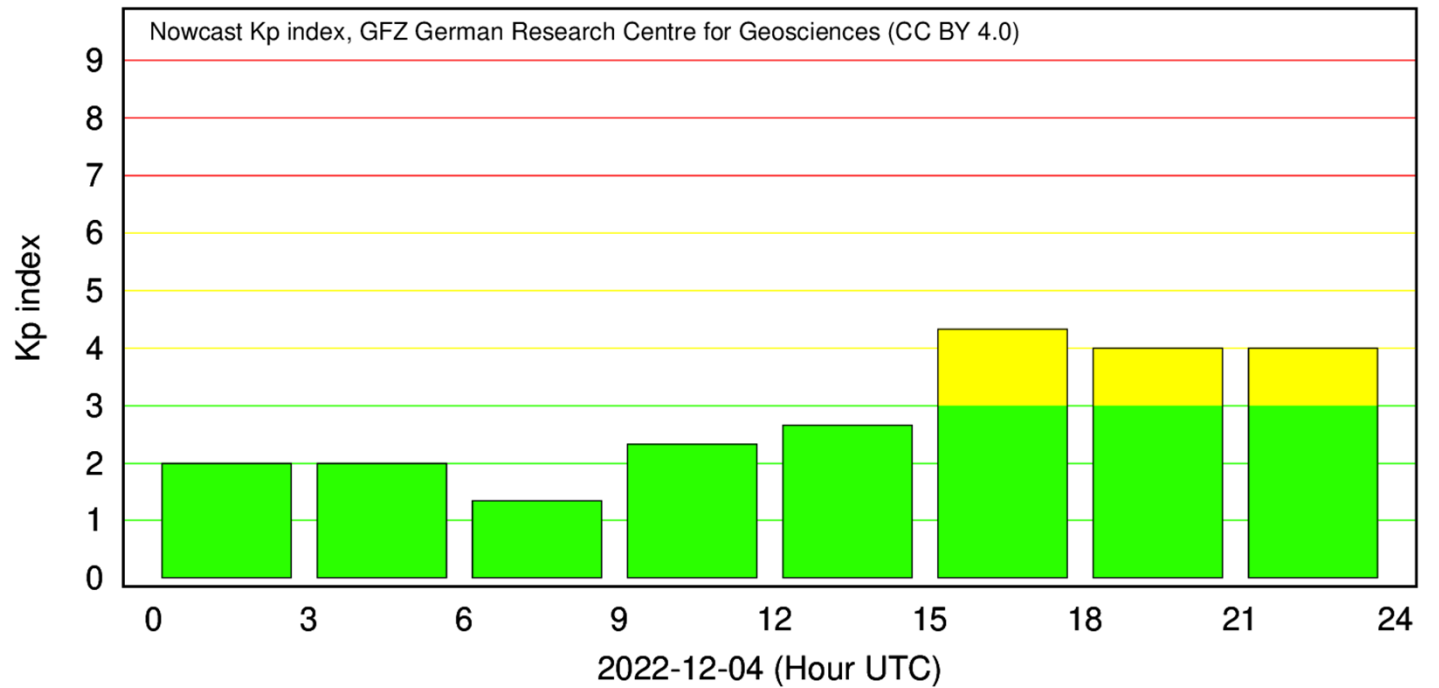
11/28-12/4



Solar flare (GOES X-ray flux)



Kp index (used to characterize the magnitude of geomagnetic storms)

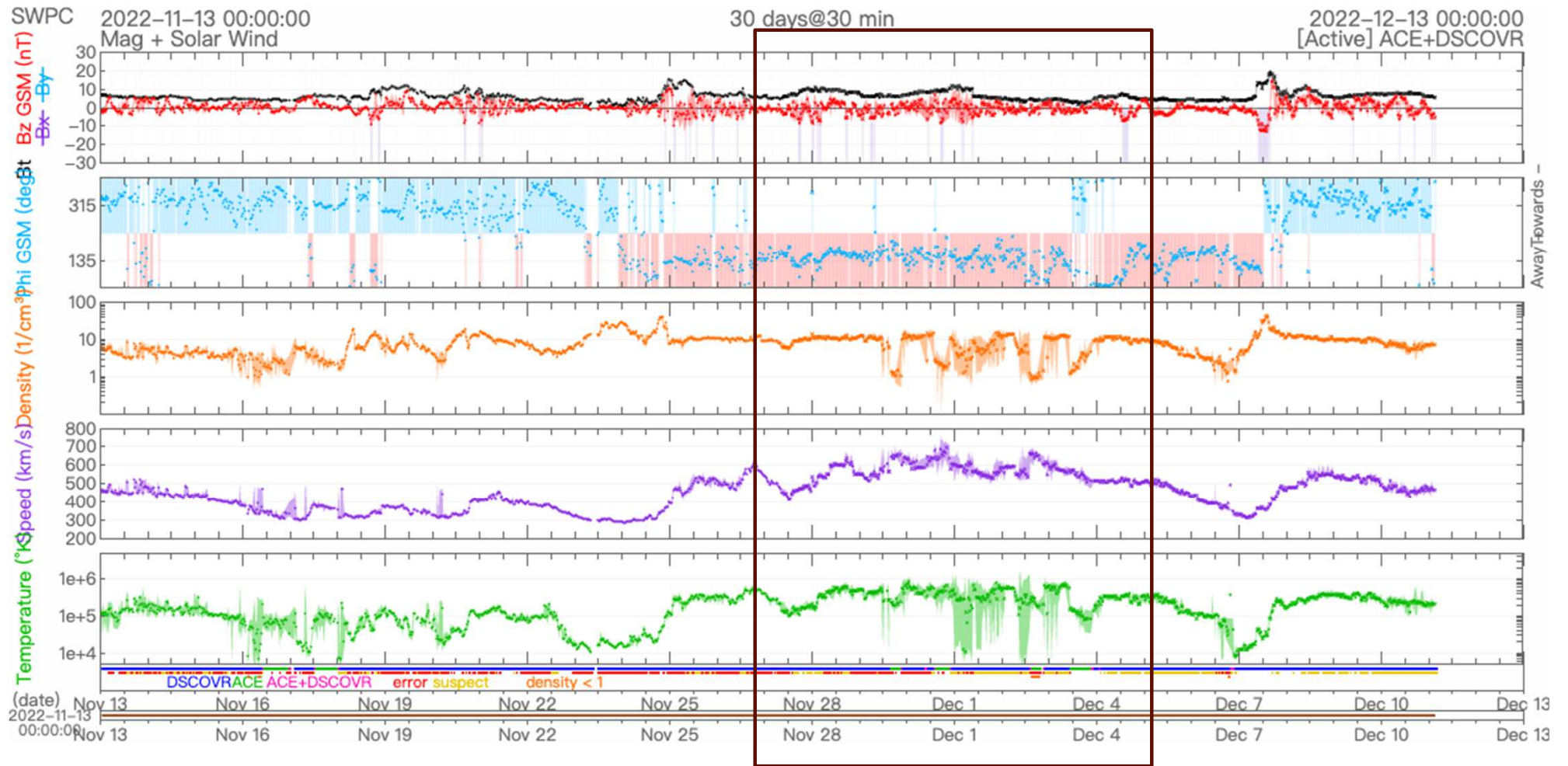


<https://kp.gfz-potsdam.de/en/figures/kp-daily-plots>

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.stce.be%2Fnews%2F243%2Fwelcome.html&sig=AOvVaw33O4EH9-0WwcaNcleIH45K&ust=1670783032936000&source=images&cd=vfe&ved=0CBAQjRxqFwoTCKDyu_vV7_sCFQAAAAAdAAAAABAE

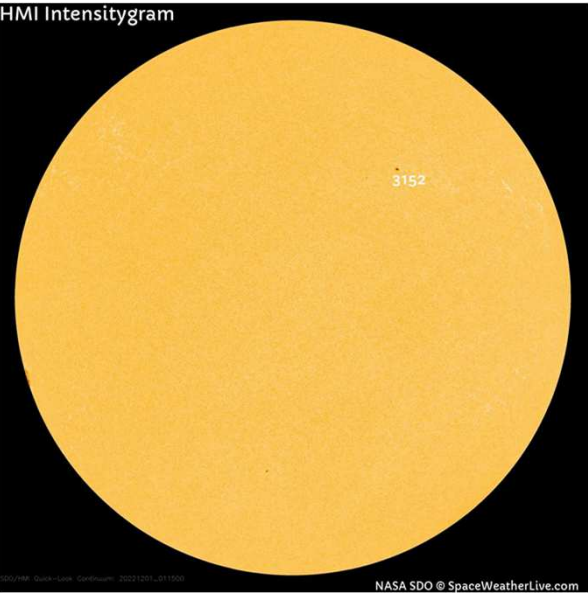
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	0136	2022/11/30 23:48	03	038	154	0504	0168	0235	0951	II
	0135	2022/11/30 17:24	01	281	008	0892	0351	0600	1420	
	0134	2022/11/29 20:12	02	107	040	0306	0097	0103	0477	
	0133	2022/11/29 20:12	03	124	074	0170	0030	0104	0215	
	0132	2022/11/29 14:12	01	245	024	0322	0632	0189	1644	
	0131	2022/11/29 11:36	01	178	014	0917	0370	0359	1647	
	0130	2022/11/29 11:36	01	178	034	0631	0117	0385	0844	
	0129	2022/11/29 01:36	02	358	038	0434	0086	0351	0651	
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	0127	2022/11/28 11:12	01	031	008	0297	0120	0100	0351	
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	0012	2022/12/03 10:12	02	092	026	0300	0058	0240	0400	
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	0010	2022/12/02 23:24	00	082	022	0241	0081	0157	0431	
	0009	2022/12/02 23:24	01	090	014	0286	0129	0131	0492	
	0008	2022/12/02 12:24	01	325	020	0762	0071	0651	0822	
	0007	2022/12/01 16:36	02	112	050	0395	0046	0309	0480	
	0006	2022/12/01 08:00	03	359	036	0548	0162	0255	0771	
	0005	2022/12/01 06:24	01	325	048	0612	0090	0480	0822	
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	0003	2022/12/01 00:36	02	032	034	0467	0099	0264	0624	
	0002	2022/12/01 00:12	01	107	016	0422	0131	0322	0712	
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Solar wind

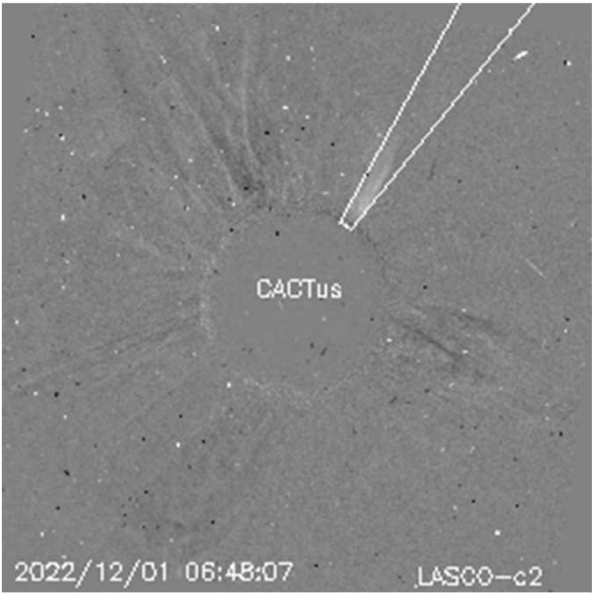


<https://www.swpc.noaa.gov/products/real-time-solar-wind>

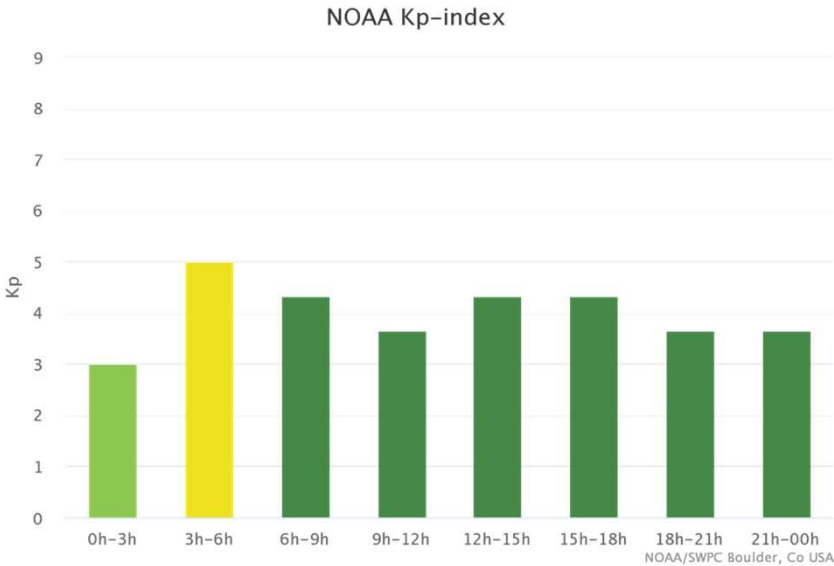
https://www.sidc.be/cactus/catalog/LASCO/2_5_0/qkl/2022/12/CME0004/CME.mp4



Sunspot regions



CME

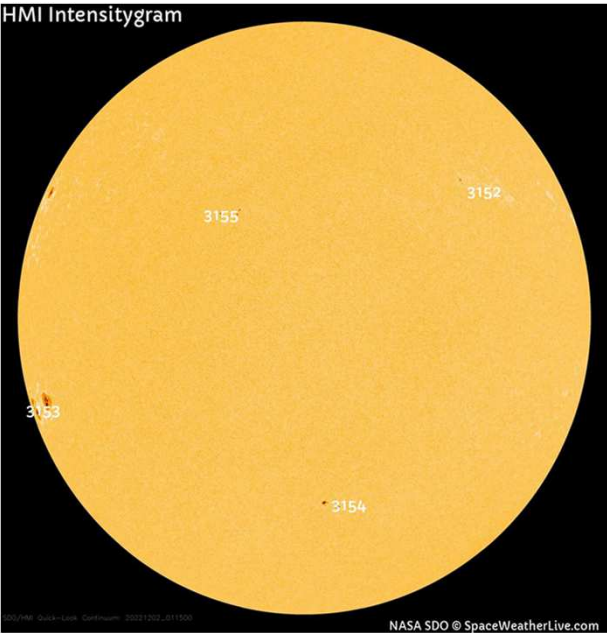


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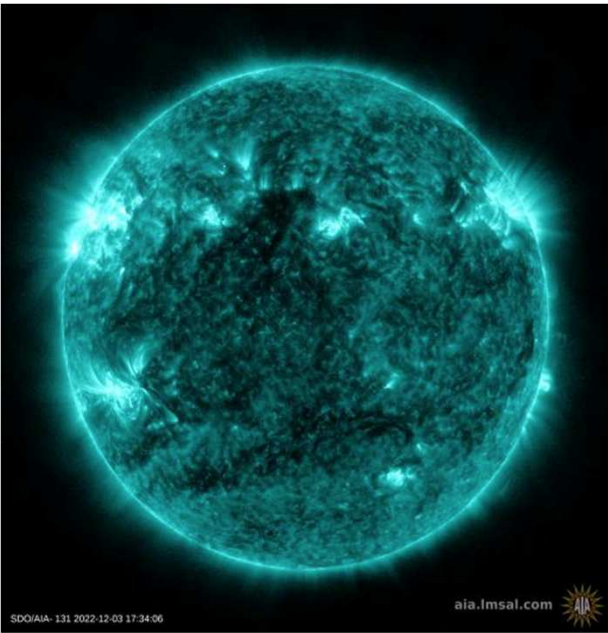
Sunspot number ⓘ	New regions	Background flux	Maximum flux	C	M
49 ↑37	3 ↑3	B5.17	M1.1	5	1

<https://www.spaceweatherlive.com/en/archive/2022/12/01/kp.html>

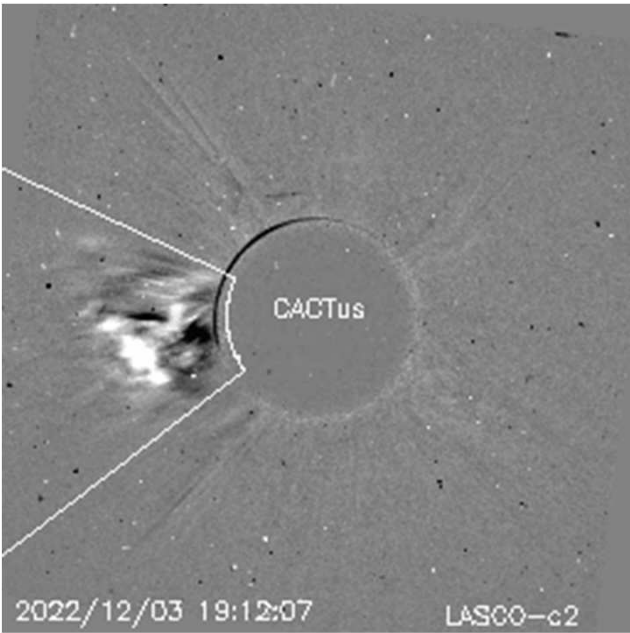
https://www.sidc.be/cactus/catalog/LASCO/2_5_0/qkl/2022/12/CME0013/CME.mp4



Sunspot regions



Solar flare



CME

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Sunspot number i	New regions	Background flux	Maximum flux	C	M
68 ↑2	1	B6.9	M1.29	11	1

https://www.sidc.be/cactus/catalog/LASCO/2_5_0/qkl/2022/12/CME0013/CME.mp4

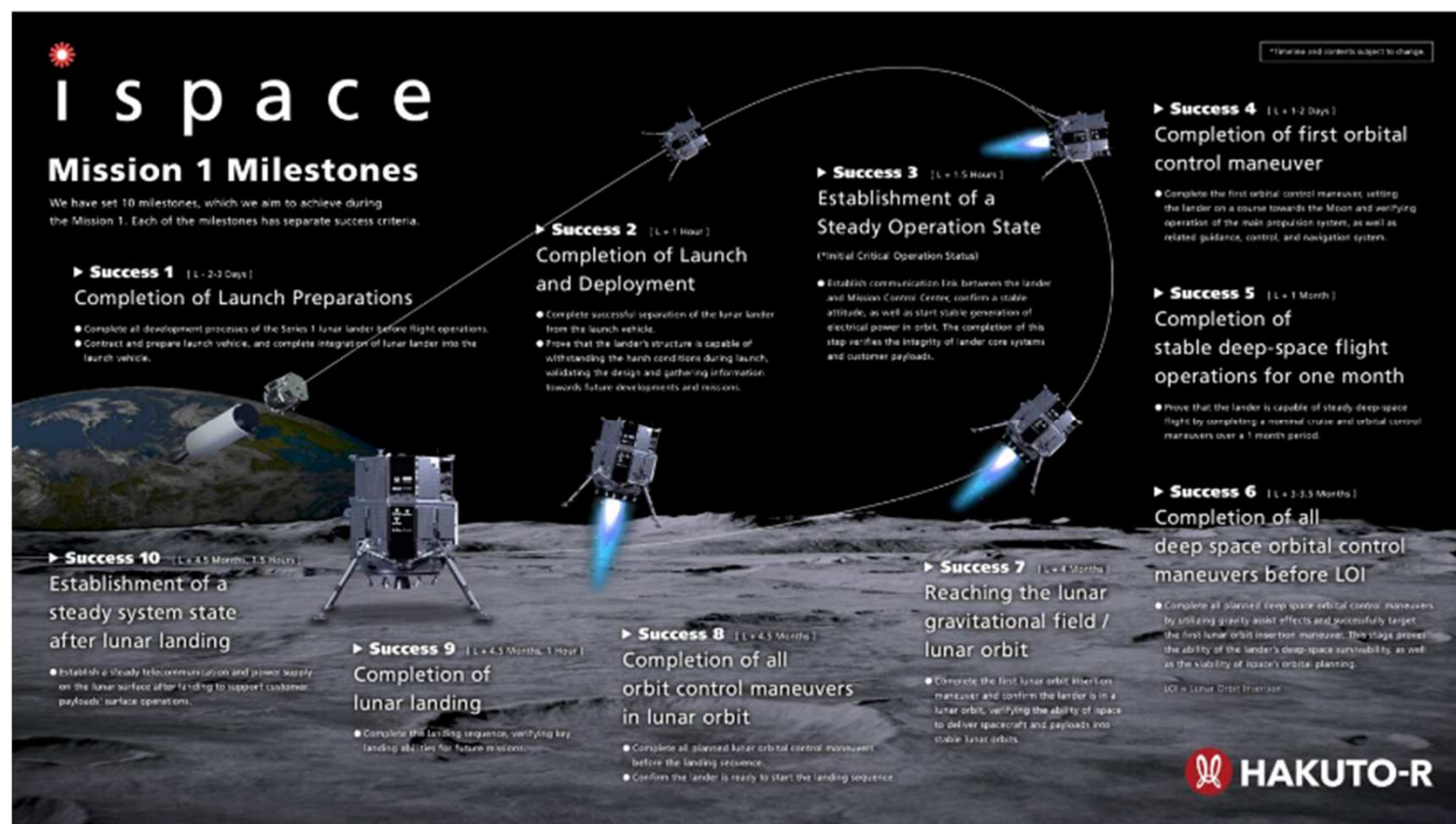
太空新聞

日本將以50顆衛星組建「偵察衛星集群」確保反擊能力

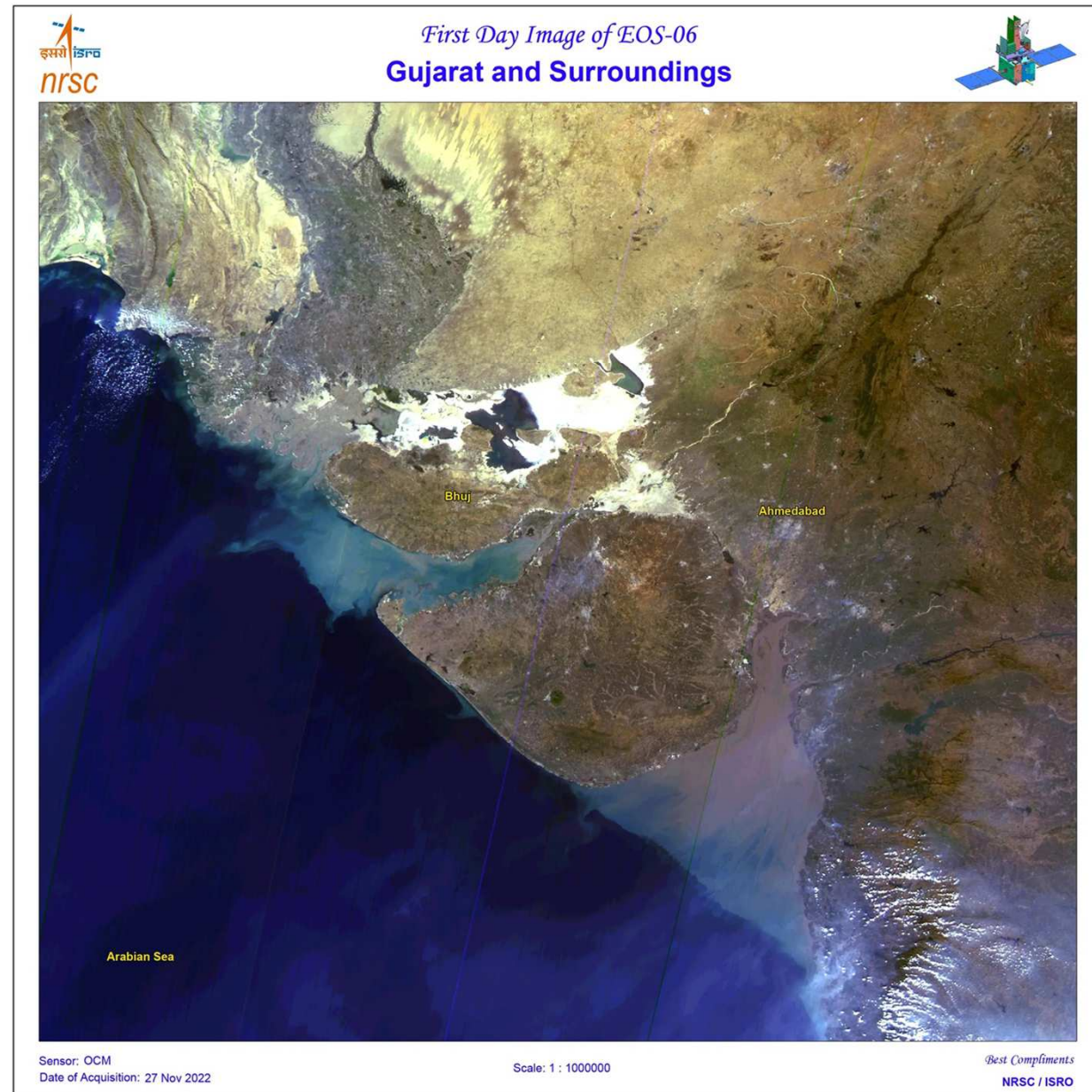


為確保日本遠程導彈擁有精確「反擊能力」，傳計畫在近地軌道部署50顆小型衛星組成「偵察衛星集群」。圖：翻攝陸網/搜狐(示意圖)

HAKUTO-R

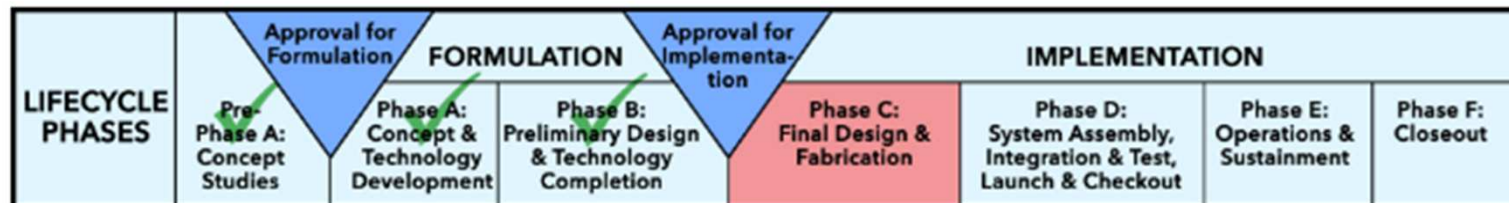


EOS-06 成功收到資料

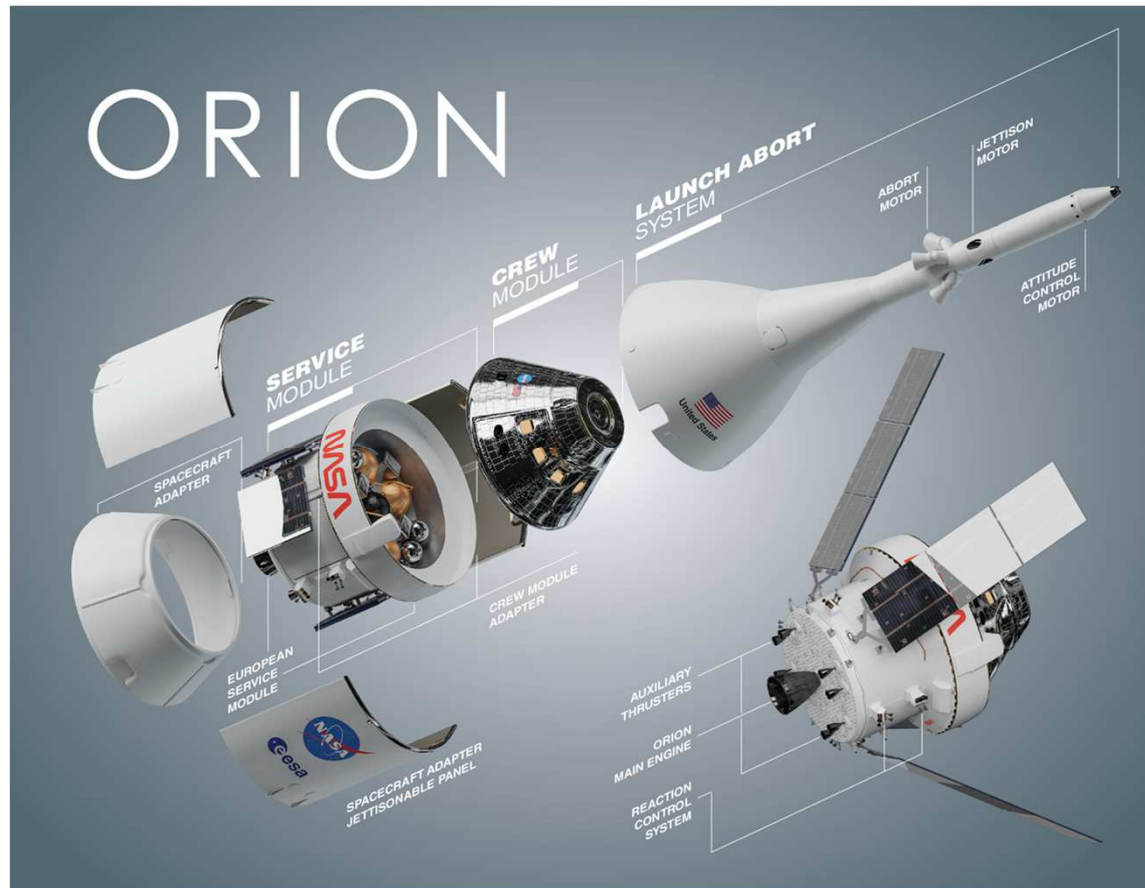


SWOT

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Orion Spacecraft



Start Sheild



EARTH OBSERVATION

Starshield launches satellites with sensing payloads and delivers processed data directly to the user.



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Starshield provides assured global communications to government users with Starshield user equipment.



HOSTED PAYLOADS

Starshield builds satellite buses to support the most demanding customer payload missions.

One Web



國家太空中心籌組台灣隊13位成員、參與第28屆亞太地區太空組織論壇會議



堅果立方衛星



堅果立方衛星升空





CRS-26 任務發射

T+00:00:04

LIFTOFF



堅果立方衛星

體積：2U
重量：2.1 公斤
酬載：ADS-B 接收器
研發團隊：虎尾科大
飛機工程系

Reference

<https://www.swpc.noaa.gov/products/r>

<https://www.swpc.noaa.gov/products/goes-x-ray-flux>

[Home – NASA SWOT](#)

[日媒：日本將以50顆衛星組建「偵察衛星集群」確保反擊能力 \(yahoo.com\)](#)

[About HAKUTO-R – HAKUTO-R | 民間月面探查プログラム：日本初の独自開発ランダー・ローバーによる月面着陸と月面探查 \(ispace-inc.com\)](#)

[Orion Spacecraft \(nasa.gov\)](#)

[立方衛星計畫 - 國家太空中心 \(narl.org.tw\)](#)

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[EOS-06 \(isro.gov.in\)](https://eos-06.isro.gov.in/)

[SpaceX](#)

[有比較環保？歐盟計劃將資料中心「搬到外太空」 | TechNews 科技新報](#)

[國家太空中心籌組台灣隊13位成員、參與第28屆亞太地區太空組織論壇會議 - 國家太空中心 \(nspo.org.tw\)](#)