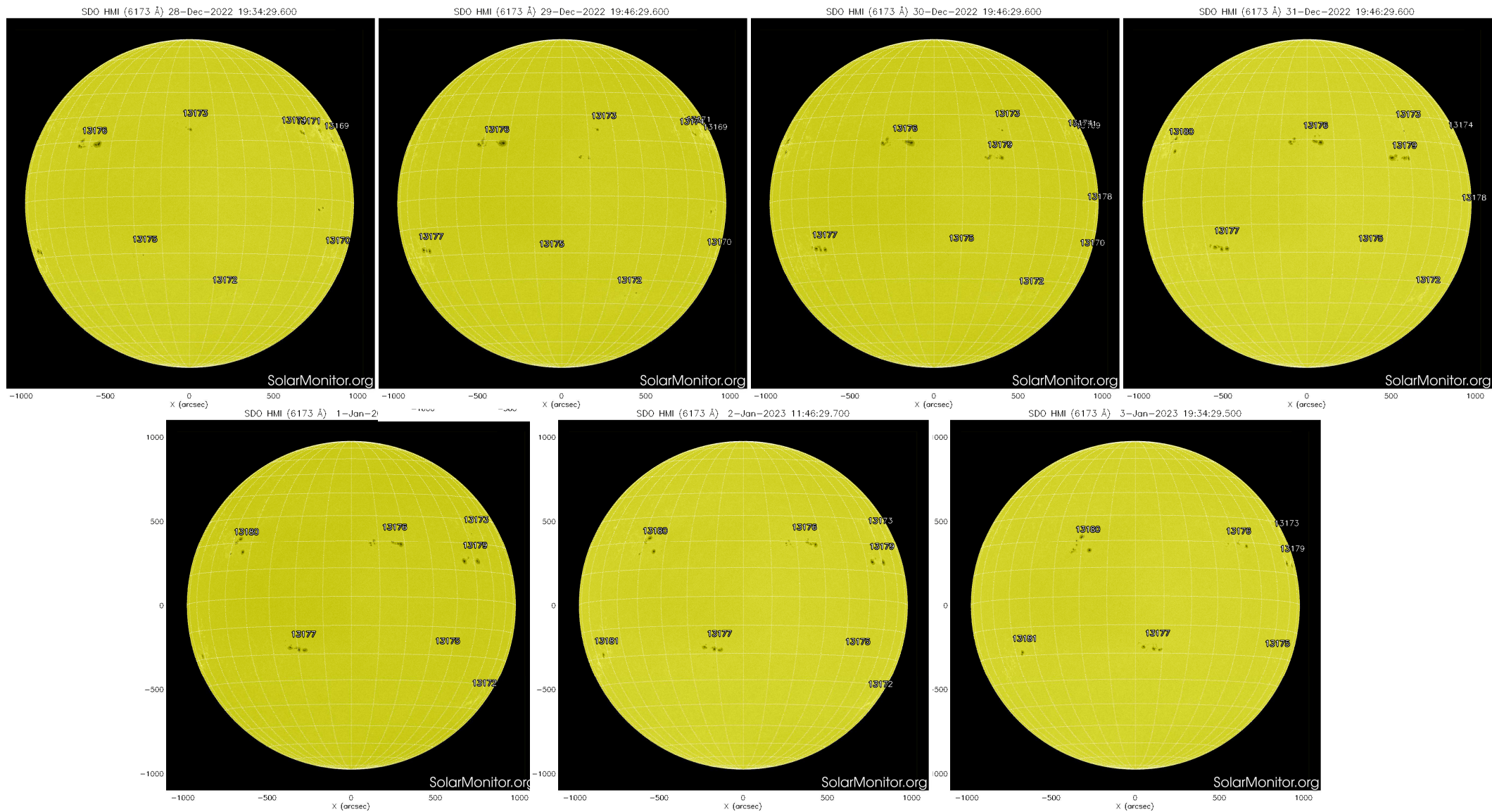


電漿值週

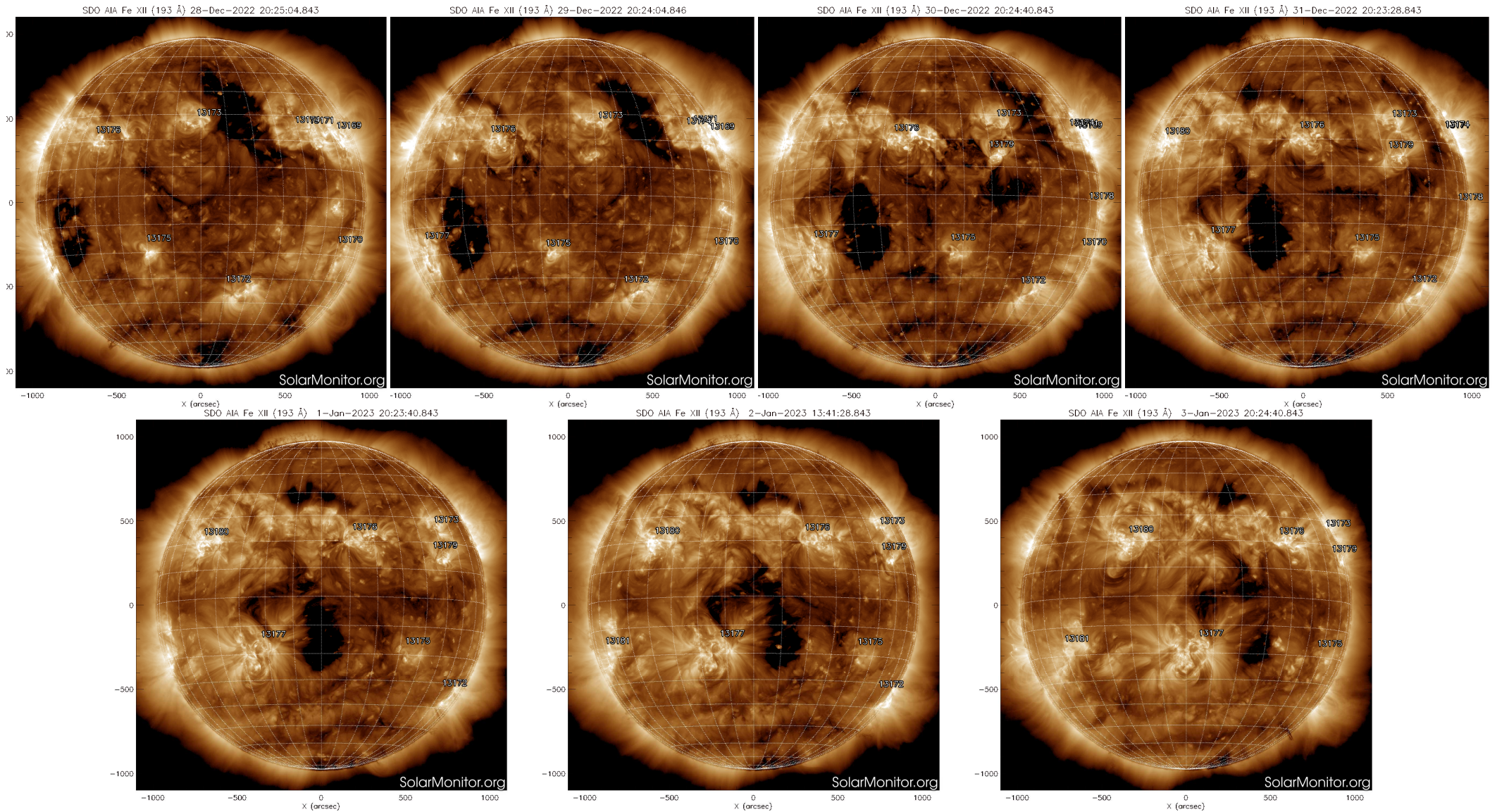
12/28-1/3

109202003 汪師緯

Sunspots HMI 6173Å



Coronal hole HMI 193Å



SDO AIA Fe IX (131 Å) 28-Dec-2022 20:25:06.622

SDO AIA Fe IX (131 Å) 29-Dec-2022 20:24:06.622

SDO AIA Fe IX (131 Å) 30-Dec-2022 20:24:42.622

SDO AIA Fe IX (131 Å) 31-Dec-2022 20:23:30.622

SDO AIA Fe IX (131 Å) 1-Jan-2023 20:23:42.625

SDO AIA Fe IX (131 Å) 2-Jan-2023 13:41:18.623

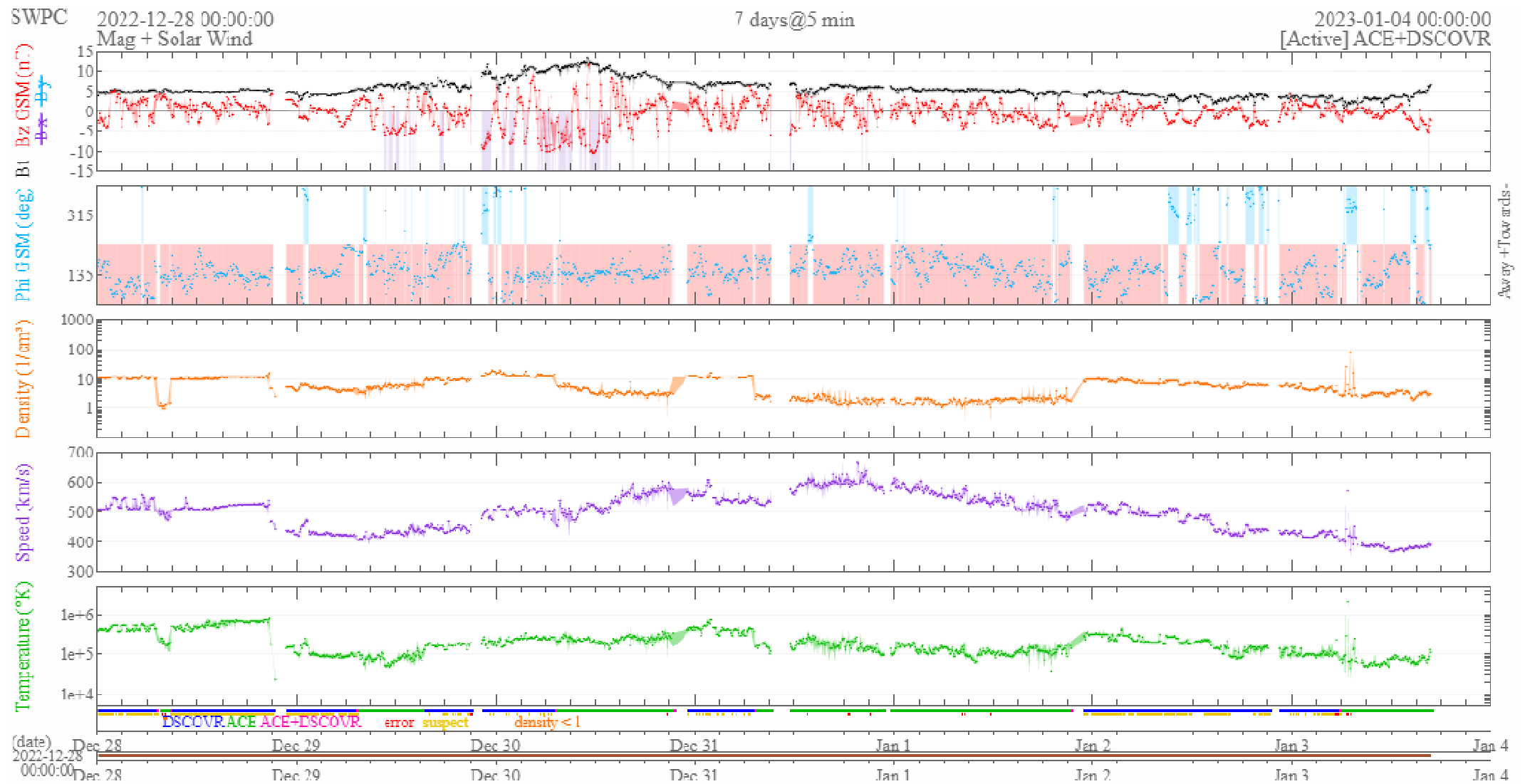
SDO AIA Fe IX (131 Å) 3-Jan-2023 20:24:42.622

Coronal Mass Ejection

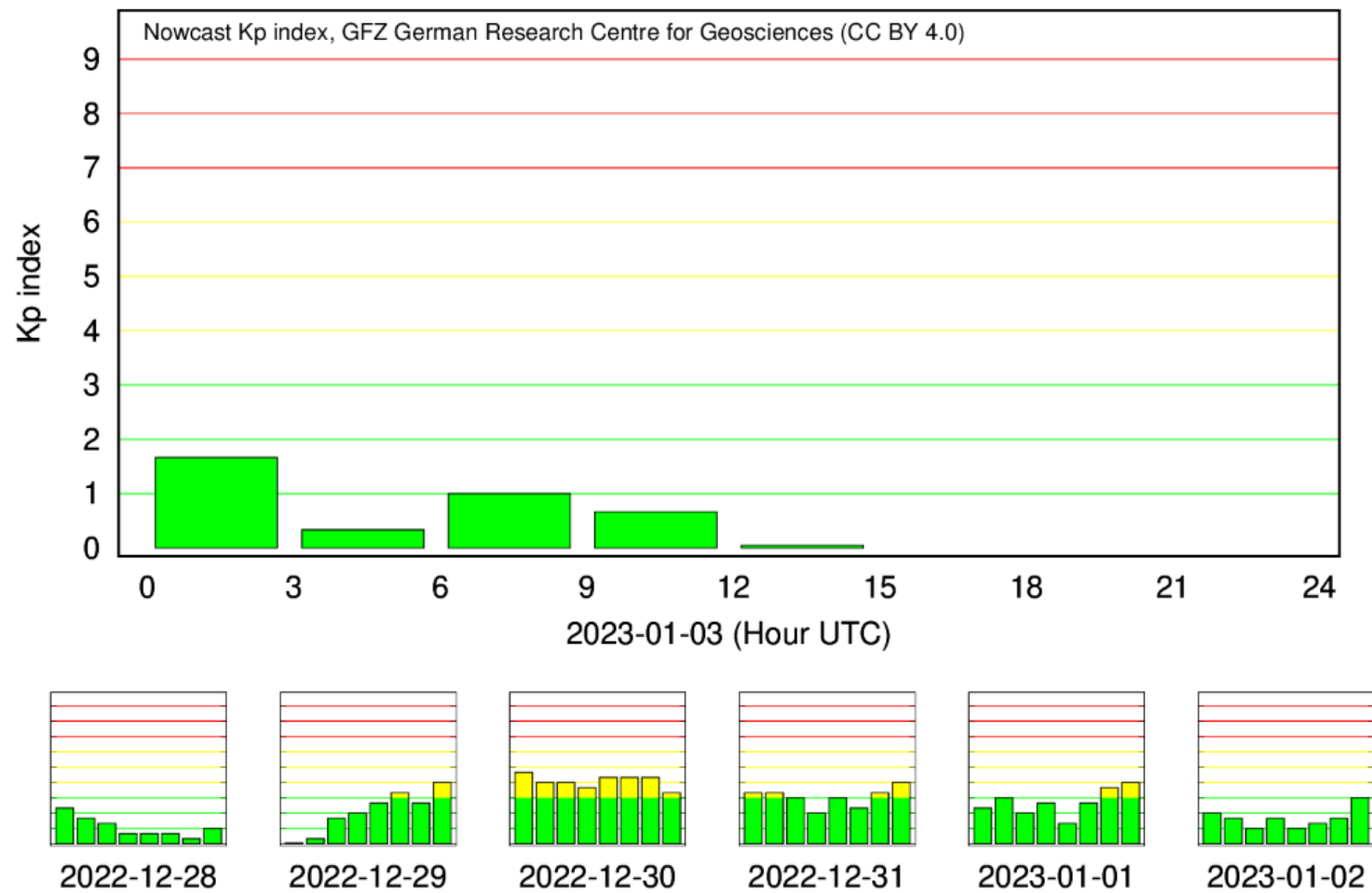
- CME count : 27

# CME	t0	dt0	pa	da	v	dv	minv	maxv	halo?
0021	2023/01/03 07:48	00	068	018	1157	0094	1077	1302	IV
0020	2023/01/03 07:00	06	144	360	1249	0467	0431	2016	
0019	2023/01/02 22:12	01	118	042	0664	0688	0138	2017	
0018	2023/01/02 21:24	02	119	016	0240	0006	0229	0248	
0017	2023/01/02 18:24	01	173	024	0578	0219	0260	1077	
0016	2023/01/02 08:36	02	262	022	0921	0683	0209	1953	
0015	2023/01/02 05:36	02	217	032	0332	0174	0256	0726	
0014	2023/01/02 04:12	06	152	030	0125	0068	0104	0269	II
0013	2023/01/01 23:12	01	324	006	0709	0251	0256	0905	
0012	2023/01/01 20:24	05	105	160	0428	0118	0234	0744	
0011	2023/01/01 19:00	01	208	006	0599	0133	0459	0781	
0010	2023/01/01 08:00	02	213	016	0197	0041	0125	0249	
0009	2023/01/01 05:12	01	269	032	0213	0013	0200	0238	
0008	2023/01/01 02:12	02	076	046	0309	0104	0196	0588	
0183	2022/12/31 18:00	01	315	020	0605	0262	0257	1008	
0182	2022/12/31 07:12	02	234	034	0254	0041	0195	0336	
0181	2022/12/31 03:24	03	346	030	0123	0003	0119	0130	
0180	2022/12/31 00:36	02	239	044	0392	0084	0265	0558	
0179	2022/12/31 00:36	02	159	020	0398	0309	0172	1041	
0178	2022/12/30 11:36	01	168	042	0405	0073	0252	0533	
0177	2022/12/30 07:12	00	286	018	0731	0283	0392	1249	
0176	2022/12/29 01:48	02	014	006	0167	0197	0104	0553	
0175	2022/12/28 17:00	01	124	014	0247	0039	0205	0318	
0174	2022/12/28 14:12	01	211	008	0236	0016	0212	0256	
0173	2022/12/28 02:24	05	235	044	0151	0064	0088	0355	
0172	2022/12/28 01:48	01	011	008	1603	0129	1388	1736	
0171	2022/12/28 01:36	02	114	018	0325	0090	0221	0496	

Solar wind

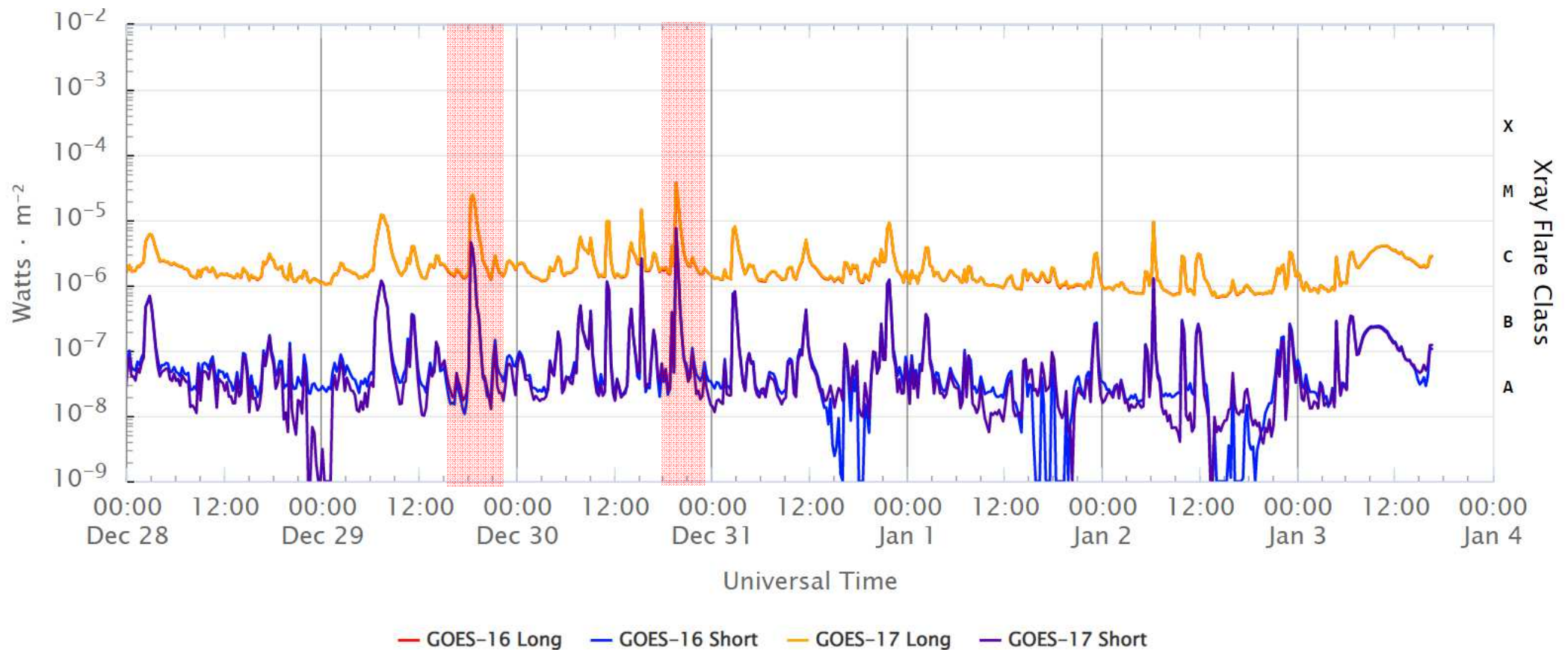


Kp index

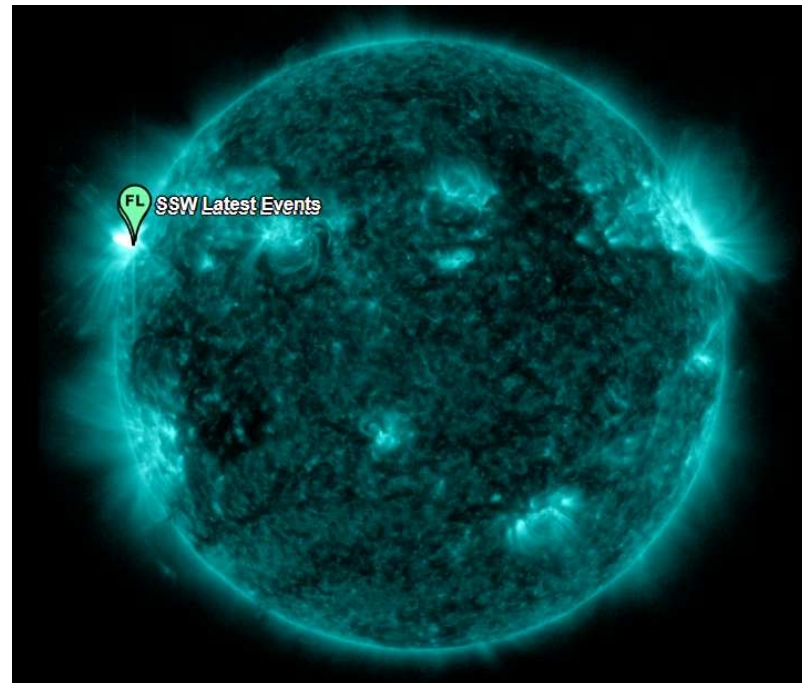


GOES Xray flux (flare)

- Event count: C $\rightarrow$ 57, M $\rightarrow$ 3

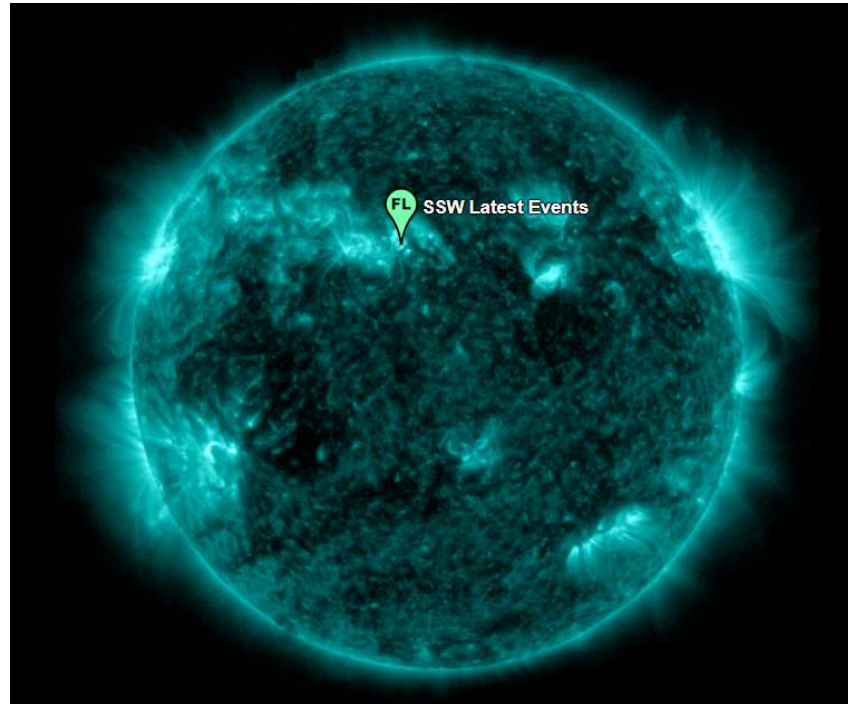


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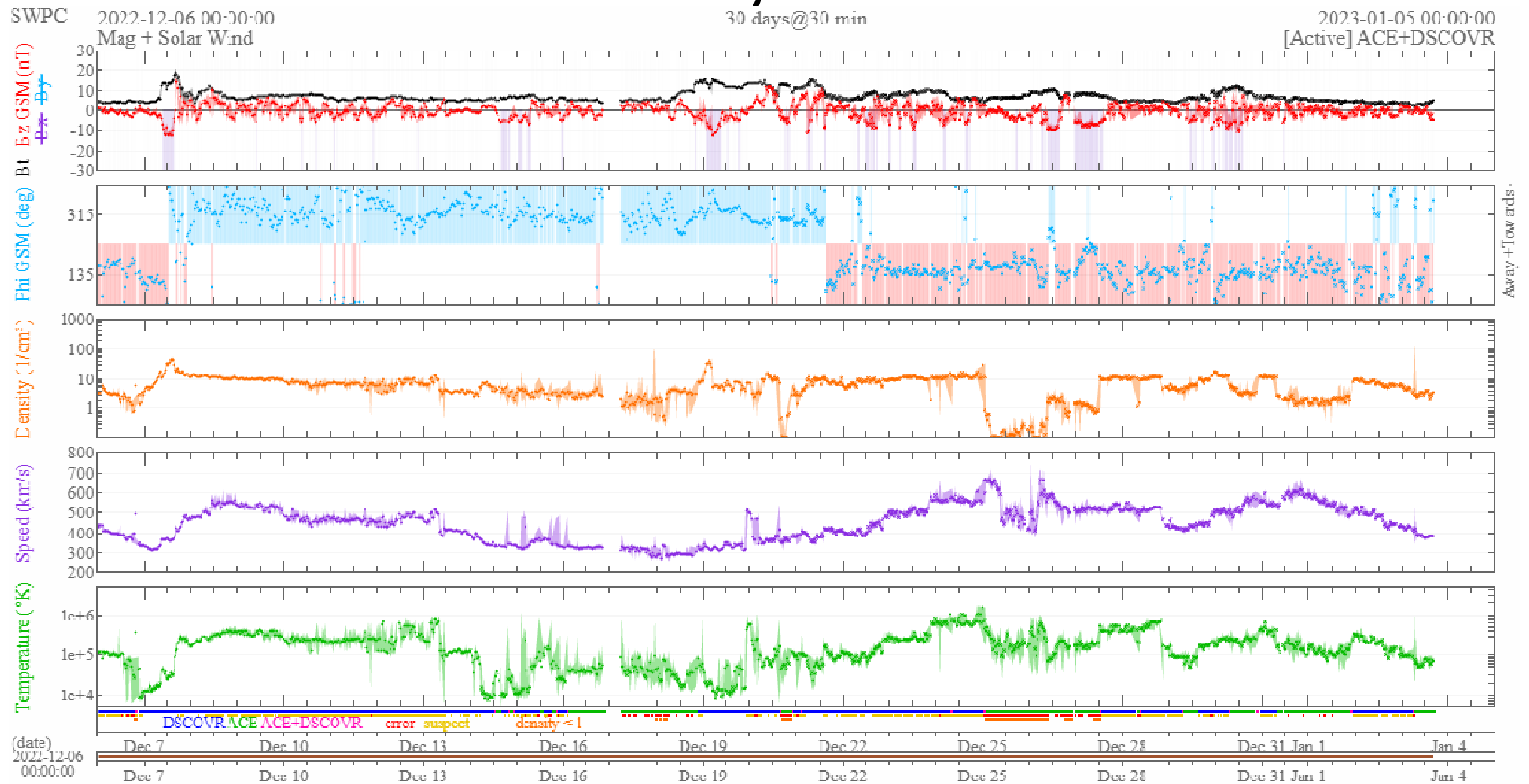
Event#	EName	Start	Stop	Peak	GOES Class	Derived Position
1	gev_20221229_1826	2022/12/29 18:26:00	18:43:00	18:33:00	M2.4	N20E88

12/30



Event#	EName	Start	Stop	Peak	GOES Class	Derived Position
1	gev_20221230_1926	2022/12/30 19:26:00	19:47:00	19:38:00	M3.7	N20E07 (3176)

Solar wind 30 day



太空新聞

Sunspot number at its highest



NSPO → TASA

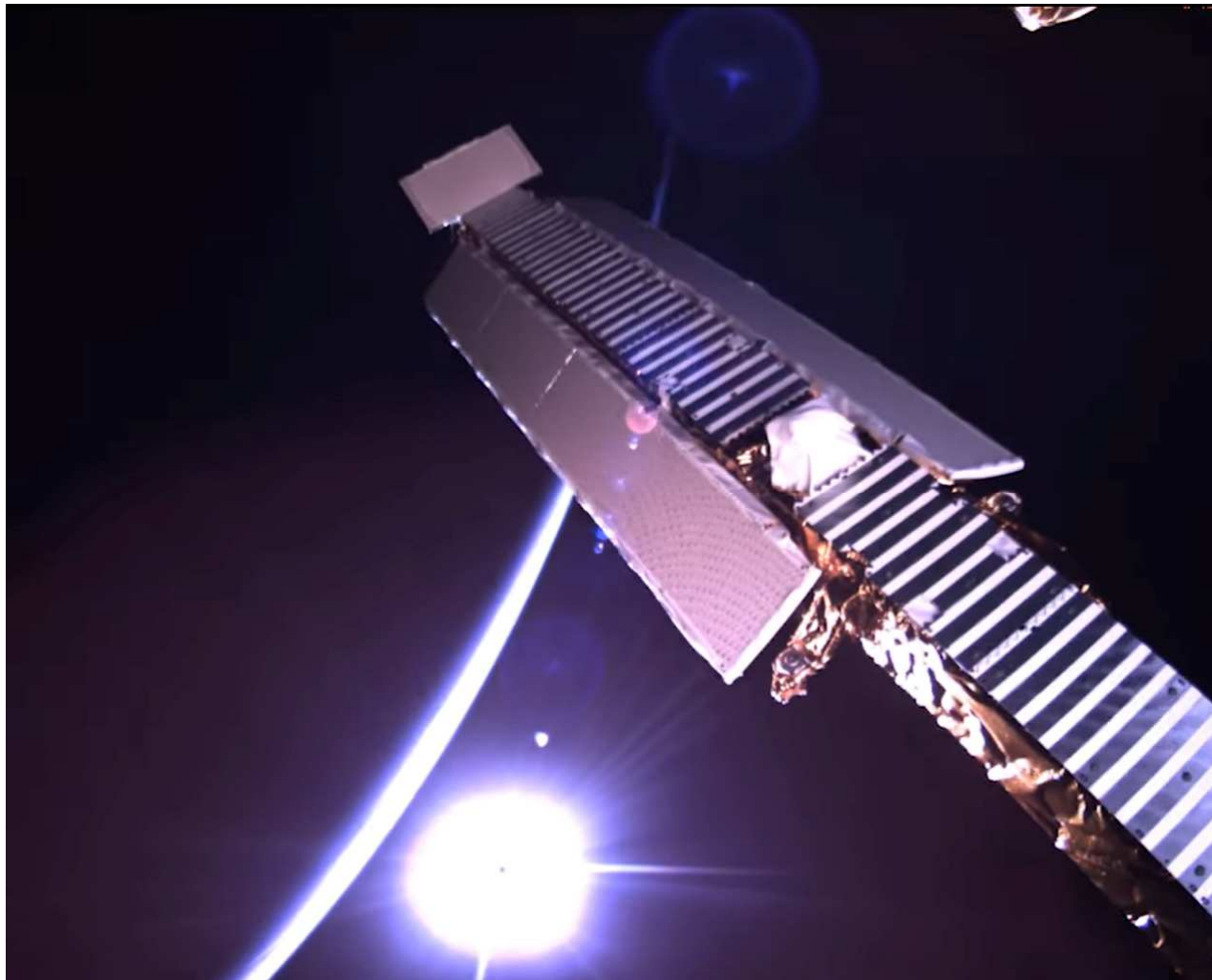


就是正名為「台灣」！國家太空中心今起英文名改成TASA

「國家太空中心設置條例」於今（1）日施行，原隸屬於財團法人國家實驗研究院之國家太空中心，正式改制為行政法人國家太空中心，成為國科會轄下新設的法人機構。國家太空中心英文名稱由NSPO...

2023-01-01 18:28:26

SWOT satellite unfolding



References

- [1] <https://www.helioviewer.org/>
- [2] <https://spaceweather.com/>
- [3] <https://www.solarmonitor.org/>
- [4] <https://www.spaceweatherlive.com/>
- [5] <https://www.space.com/>
- [6] <https://www.swpc.noaa.gov/products/goes-x-ray-flux>
- [7] <https://swot.jpl.nasa.gov/>
- [8] <https://udn.com/news/story/7238/6880239>