

Solar activity ranged from low levels to very high levels. On 26-30 Jan, mostly low level C-class flaring was observed with the majority of the flares occurring from Regions 4351 (S04, L=004, class/area Dai/080 on 24 Jan), 4353 (N18, L=359, class/area Dai/110 on 25 Jan). The largest flare during this timeframe was a C8.8 at 26/1339 UTC from Region 4355 (S12, L=299, class/area Cao/020 on 25 Jan). On 30 Jan, a new region emerged in the NE quadrant and was numbered 4366 (N14, L=202, class/area Ekc/550 on 01 Feb). This region quickly grew into a large, compact, and magnetically complex region over 31 Jan-01 Feb. Multiple delta magnetic configurations evolved as the region grew. Consequently, there were 17 M-class flares and 2 X-class flares observed on 01 Feb. The largest was an X8.1 flare at 01/2357 UTC. Associated with X8.1 flare was observed three CMEs that appeared in SOHO LASCO C2 imagery beginning at 02/0048-0300 UTC which was also evident in GOES/SUVI 304 imagery. Modelling was currently underway at the timing of this report.

A greater than 10 MeV proton enhancement near 1 pfu (below S1-Minor) was still in progress from the event that began on 18 Jan, but declined to near background levels by 28 Jan.

The greater than 2 MeV electron flux at geosynchronous orbit reached high levels on 26 Jan-01 Feb with a peak flux of 13,200 pfu observed at 27/1650 UTC.

Geomagnetic field activity ranged from quiet to G1 (Minor) levels over the period. The period began under positive polarity CH HSS conditions with solar wind speed averaging around 500 km/s with total field around 5-8 nT. Solar wind conditions returned to nominal levels by early on 27 Jan. A solar sector boundary crossing from positive to negative occurred around 27/1500 UTC followed by an increase in total field to 13 nT and solar wind speed increase to around 670 km/s on 28-29 Jan as a negative polarity CH HSS became geoeffective. Solar wind speeds gradually subsided to nominal levels by 01 Feb. The geomagnetic field responded with quiet to unsettled levels on 26-27 Jan, unsettled to G1 (Minor) storming on 28 Jan, quiet to active levels on 29-30 Jan, and quiet conditions on 31 Jan - 01 Feb.

Space Weather Outlook

02 February - 28 February 2026

Solar activity is expected to continue at moderate to high levels with further M-class (R1-R2, Minor-Moderate) flares expected and a high chance for X-class (R3-Strong or greater) on 02-10 Feb as Region 4366 transits across the visible disk. Low levels with a chance for M-class flares are expected on 11-22 Feb. An increase to moderate to high levels is once again likely on 23-28 Feb as Region 4366 returns to the visible disk.

The greater than 10 MeV proton flux is likely to reach S1-S2 (Minor-Moderate) storm levels on 02-04 Feb due to proton prediction model guidance from the recent X8.1 flare. A chance for further proton enhancements exist through 12 Feb as Region 4366 transits the visible disk and



beyond.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 02-03 Feb, 06-12 Feb, and 15-28 Feb due to recurrent CH HSS influence.

Geomagnetic field activity is expected to be at mostly quiet levels on 02-05 Feb barring the potential for CME activity related to the X8.1 flare. Quiet to unsettled levels are expected from 05-11 Feb, 22-23 Feb, and 26 Feb. Unsettled to active levels are expected on 13-21 Feb, and 24-25 Feb, with G1 (Minor) levels likely on 13 Feb due to recurrent CH HSS effects.



Daily Solar Data

Date	Radio Flux 10.7cm	Sun spot No.	Sunspot Area (10 ⁻⁶ hemi.)	X-ray Background Flux	Flares							
					X-ray			Optical				
					C	M	X	S	1	2	3	4
26 January	153	115	560	C1.0	5	0	0	3	1	0	0	0
27 January	144	100	300	B8.4	6	0	0	3	0	0	0	0
28 January	133	135	360	B7.3	2	0	0	0	0	0	0	0
29 January	129	117	280	B6.7	3	0	0	0	0	0	0	0
30 January	128	112	300	B7.6	10	0	0	0	1	0	0	0
31 January	141	126	400	C1.4	19	0	0	4	0	1	0	0
01 February	162	97	790	C3.5	2	17	2	0	0	1	0	0

Daily Particle Data

Date	Proton Fluence (protons/cm ² -day -sr)		Electron Fluence (electrons/cm ² -day -sr)	
	>1 MeV	>10 MeV	>2MeV	
26 January	2.7e+06	4.5e+04	3.3e+08	
27 January	3.8e+06	2.7e+04	3.0e+08	
28 January	6.0e+06	1.7e+04	2.4e+08	
29 January	3.3e+06	2.0e+04	2.6e+08	
30 January	1.6e+06	1.8e+04	5.5e+08	
31 January	1.1e+06	1.6e+04	6.1e+08	
01 February	3.5e+06	1.5e+04	5.4e+08	

Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
26 January	6	1-0-2-2-2-2-2-2	20	1-1-3-5-5-4-2-2	10	2-1-2-2-3-2-3-3
27 January	7	2-2-1-2-1-1-2-3	17	2-1-4-5-3-3-3-2	10	2-3-2-2-1-2-3-3
28 January	15	3-2-2-2-3-4-3-4	36	2-3-3-5-6-6-3-4	24	3-3-3-3-4-4-3-5
29 January	14	3-3-2-3-3-3-3-3	33	4-3-2-5-6-5-4-3	22	4-3-2-4-4-4-4-4
30 January	9	4-2-2-2-2-2-1-2	8	3-2-2-3-1-2-1-1	10	4-3-2-2-2-1-1-2
31 January	3	1-1-2-0-1-0-2-1	3	2-1-1-1-1-1-0-0	5	2-2-2-1-1-0-2-1
01 February	2	0-0-1-1-1-1-1-1	3	0-0-1-1-2-2-0-0	2	0-1-2-1-1-1-1-2

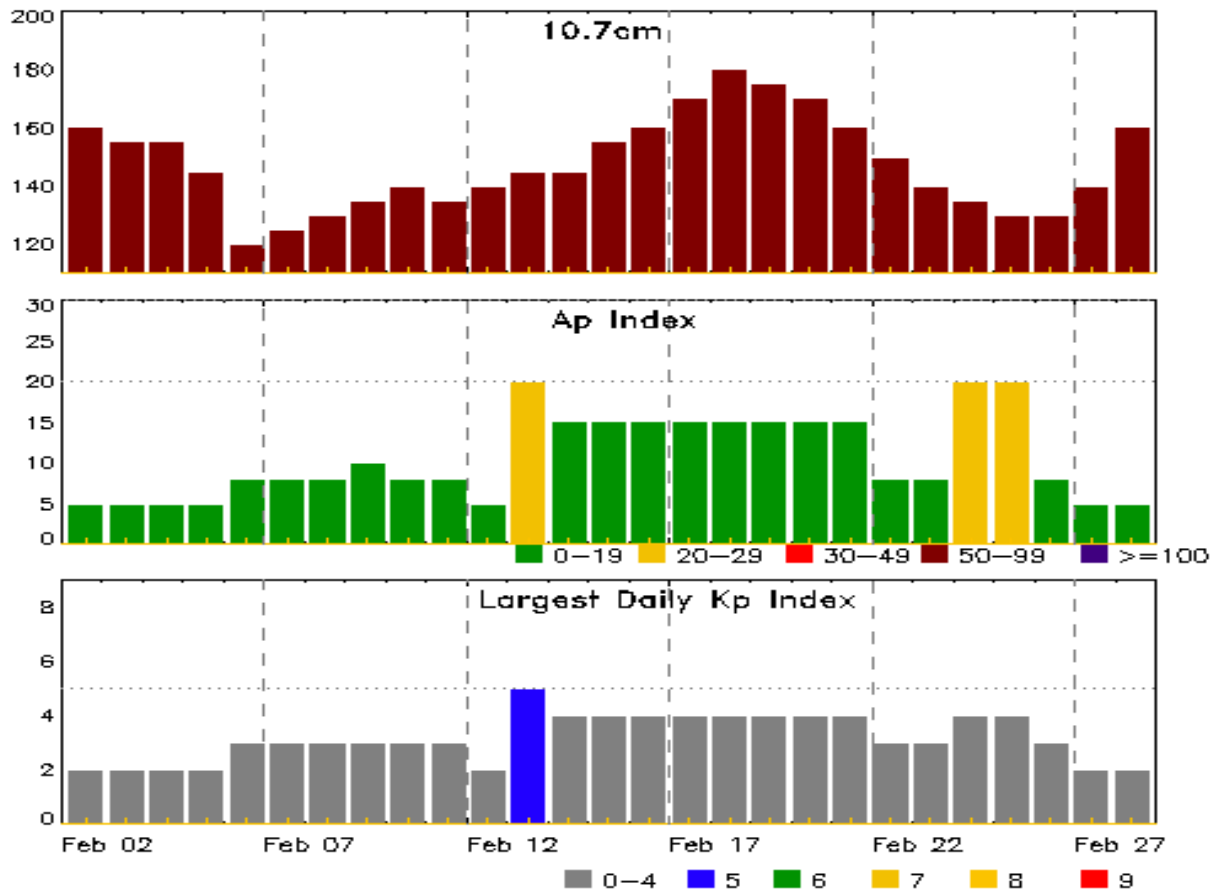


Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
26 Jan 0501	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
26 Jan 0906	WATCH: Geomagnetic Storm Category G1 predicted	
27 Jan 0459	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
27 Jan 2104	WARNING: Geomagnetic K = 4	27/2103 - 28/2359
28 Jan 0729	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
28 Jan 1430	ALERT: Geomagnetic K = 4	
28 Jan 1535	WARNING: Geomagnetic K = 5	28/1534 - 2359
28 Jan 2217	EXTENDED WARNING: Geomagnetic K = 4	27/2103 - 29/1200
28 Jan 2217	EXTENDED WARNING: Geomagnetic K = 5	28/1534 - 29/0900
28 Jan 2327	ALERT: Geomagnetic K = 5	
29 Jan 0459	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
29 Jan 1139	EXTENDED WARNING: Geomagnetic K = 4	27/2103 - 29/2100
29 Jan 2039	EXTENDED WARNING: Geomagnetic K = 4	27/2103 - 30/0600
30 Jan 0459	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
31 Jan 0503	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
01 Feb 0459	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
01 Feb 1005	ALERT: X-ray Flux exceeded M5	01/1001
01 Feb 1018	SUMMARY: X-ray Event exceeded M5	01/0953 - 1006
01 Feb 1212	ALERT: X-ray Flux exceeded M5	01/1209
01 Feb 1253	SUMMARY: X-ray Event exceeded X1	01/1152 - 1238
01 Feb 1255	ALERT: X-ray Flux exceeded M5	01/1248
01 Feb 1313	SUMMARY: X-ray Event exceeded M5	01/1245 - 1304
01 Feb 1608	ALERT: X-ray Flux exceeded M5	01/1608
01 Feb 1629	SUMMARY: X-ray Event exceeded M5	01/1557 - 1616
01 Feb 2356	ALERT: X-ray Flux exceeded M5	01/2356



Twenty-seven Day Outlook



Date	Radio Flux 10.7cm	Planetary A Index	Largest Kp Index	Date	Radio Flux 10.7cm	Planetary A Index	Largest Kp Index
02 Feb	160	5	2	16 Feb	160	15	4
03	155	5	2	17	170	15	4
04	155	5	2	18	180	15	4
05	145	5	2	19	175	15	4
06	120	8	3	20	170	15	4
07	125	8	3	21	160	15	4
08	130	8	3	22	150	8	3
09	135	10	3	23	140	8	3
10	140	8	3	24	135	20	4
11	135	8	3	25	130	20	4
12	140	5	2	26	130	8	3
13	145	20	5	27	140	5	2
14	145	15	4	28	160	5	2
15	155	15	4				



Energetic Events

Date	Time			X-ray		Optical Information			Peak		Sweep Freq	
	Begin	Max	Half Max	Class	Integ Flux	Imp/ Brtns	Location Lat CMD	Rgn #	Radio Flux		Intensity	
									245	2695	II	IV
01 Feb	0152	0205		0212	M1.7	0.012		4366				
01 Feb	0331	0341		0350	M1.0	0.010		4366				
01 Feb	0408	0420		0435	M1.9	0.026		4366				
01 Feb	0953	1002		1006	M6.6	0.024		4366	100			
01 Feb	1028	1042		1050	M2.4	0.030		4366				
01 Feb	1152	1212		1220	M6.7	0.061		4366	280			
01 Feb	1225	1233		1237	X1.0	0.061		4366				
01 Feb	1244	1250		1256	M5.8	0.040		4366				
01 Feb	1418	1425		1429	M1.5	0.009		4366				
01 Feb	1537	1548		1557	M1.5	0.016		4366	180			
01 Feb	1557	1605		1616	M5.1	0.044		4366				
01 Feb	1732	1735		1740	M1.1	0.005		4366				
01 Feb	1743	1758		1815	M2.5	0.041		4366				
01 Feb	1815	1819		1822	M2.1	0.010		4366				
01 Feb	1848	1856		1902	M1.9	0.015		4366				
01 Feb	1912	1922		1934	M1.8	0.024		4366				
01 Feb	2020	2030		2039	M2.2	0.022		4366				
01 Feb	2312	2327		2344	M1.3	0.022		4366				
01 Feb	2344	2357		0004	X8.1	0.400		4366				

Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
26 Jan	0209	0221	0230	C2.9			4351
26 Jan	1220	1231	1240	C1.8			4342
26 Jan	1325	1339	1351	C8.8			4355
26 Jan	1816	1825	1830	C1.6			4351
26 Jan	2105	2117	2119		SF	S04W46	4351
26 Jan	2122	2149	2150		SF	S04W46	4351
26 Jan	2201	2202	2209		SF	S03W47	4351
26 Jan	2313	2322	2331	C5.0	1F	S03W47	4351
27 Jan	0230	0238	0245	C1.9			4351
27 Jan	0406	0420	0438	C2.8			4342
27 Jan	0915	0929	0939	C3.1	SF	S04W54	4351
27 Jan	0939	0943	0945	C2.9			4351



Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
27 Jan	1046	1047	1056		SF	S14E03	4357
27 Jan	1303	1309	1314	C2.0			4353
27 Jan	2313	2315	2322		SF	S12W04	
27 Jan	2330	2340	2347	C2.7			4342
28 Jan	0700	0707	0722	C1.3			4355
28 Jan	2119	2123	2127	C1.3			4357
29 Jan	0327	0333	0337	B9.3			4353
29 Jan	1405	1431	1449	C1.2			4353
29 Jan	2131	2140	2158	C1.1			4363
29 Jan	2237	2245	2251	C1.5			
30 Jan	0351	0400	0407	C1.4			4362
30 Jan	0508	0520	0523	C1.4			
30 Jan	0523	0536	0540	C1.5			
30 Jan	0707	0711	0713	C1.6			4365
30 Jan	0843	0853	0902	C1.7			4363
30 Jan	1026	1035	1046	C1.9			
30 Jan	1319	1326	1339	C1.6			
30 Jan	1834	1841	1917		1F	S13W42	4357
30 Jan	1945	1951	1956	C1.2			4349
30 Jan	2052	2059	2103	C1.1			4366
30 Jan	2336	2344	2349	C1.3			
31 Jan	0128	0137	0141	C1.5			4366
31 Jan	0244	0259	0306	C3.1			4366
31 Jan	0310	0315	0322	C2.5			
31 Jan	0425	0440	0449	C4.9			4366
31 Jan	0449	0512	0526	C6.0			
31 Jan	0710	0714	0721		SF	N14E59	
31 Jan	0831	0846	0851	C3.6			4363
31 Jan	1035	1052	1101	C6.2			4366
31 Jan	1255	1300	1302	C6.1	SF	N13E58	4366
31 Jan	1347	1353	1400	C3.1			4366
31 Jan	1435	1435	1538		SF	N15E54	
31 Jan	1444	1452	1454	C4.5			4366
31 Jan	1454	1509	1518	C4.9			4366
31 Jan	1556	1600	1604	C3.5	2F	S15W54	4357
31 Jan	1559	1729	1845		SF	N16E55	4366
31 Jan	1623	1627	1636	C2.8			4366
31 Jan	1722	1734	1737	C2.9			4366



Flare List

Date	Time			Optical			Rgn #
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	
31 Jan	1737	1742	1747	C3.1			4366
31 Jan	1821	1833	1841	C7.0			4366
31 Jan	1908	1920	1928	C7.8			4366
31 Jan	2020	2030	2038	C5.7			4366
31 Jan	2209	2218	2224	C3.0			4366
01 Feb	0152	0205	0212	M1.7			4366
01 Feb	0331	0341	0350	M1.0			4366
01 Feb	0408	0420	0435	M1.9			4366
01 Feb	0659	0708	0713	C5.4			4366
01 Feb	0713	0723	0732	C5.4			4366
01 Feb	0953	1002	1006	M6.6			4366
01 Feb	1028	1042	1050	M2.4			4366
01 Feb	1152	1212	1220	M6.7			4366
01 Feb	1225	1233	1237	X1.0			4366
01 Feb	1244	1250	1256	M5.8			4366
01 Feb	1418	1425	1429	M1.5			4366
01 Feb	B1443	1457	1508		2F	N08E37	4366
01 Feb	1537	1548	1557	M1.5			4366
01 Feb	1557	1605	1616	M5.1			4366
01 Feb	1732	1735	1740	M1.1			4366
01 Feb	1743	1758	1815	M2.5			4366
01 Feb	1815	1819	1822	M2.1			4366
01 Feb	1848	1856	1902	M1.9			4366
01 Feb	1912	1922	1934	M1.8			4366
01 Feb	2020	2030	2039	M2.2			4366
01 Feb	2312	2327	2344	M1.3			4366
01 Feb	2344	2357	0004	X8.1			4366



Region Summary

	Location		Sunspot Characteristics					Flares								
		Helio	Area	Extent	Spot	Spot	Mag	X-ray			Optical					
Date	Lat	CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4
Region 4341																
13 Jan	S09E81	47	plage						2							
14 Jan	S10E70	45	350	9	Dkc	12	BG		1				1			
15 Jan	S10E56	44	420	12	Ekc	12	BG		2			1				
16 Jan	S11E42	46	840	9	Dkc	16	BGD		2			4				
17 Jan	S11E30	45	500	9	Dkc	18	BG		6	2		5		1		
18 Jan	S11E17	45	360	7	Dkc	13	BGD		2		1	2			1	
19 Jan	S11E03	46	290	9	Dkc	12	BG									
20 Jan	S11W09	45	300	7	Dko	13	B									
21 Jan	S11W23	46	310	8	Dkc	12	BD		3			2				
22 Jan	S11W35	44	240	7	Cai	12	B									
23 Jan	S11W49	45	200	7	Cao	10	B		2			2				
24 Jan	S10W60	43	200	4	Cao	5	B		2							
25 Jan	S10W74	44	90	5	Cso	3	B		1							
26 Jan	S10W87	44	60	4	Hax	1	A									
								23	3	1	16	1	1	1	0	

Crossed West Limb.

Absolute heliographic longitude: 46

Region 4342

14 Jan	N17E76	39	50	7	Cao	3	B	5			1				
15 Jan	N17E62	41	100	2	Cso	4	B	1							
16 Jan	N17E47	41	180	4	Dso	2	B	1							
17 Jan	N17E35	40	100	3	Cso	6	B	3			1				
18 Jan	N16E22	40	80	4	Dac	11	B	2			1				
19 Jan	N14E10	39	140	7	Dai	15	B	1							
20 Jan	N14W04	40	160	7	Dsi	16	BG								
21 Jan	N14W18	41	180	8	Dai	17	BGD	2							
22 Jan	N14W31	40	180	7	Dsi	13	B	1							
23 Jan	N13W45	41	180	9	Dso	15	B								
24 Jan	N14W58	41	180	8	Dso	8	B								
25 Jan	N15W72	42	140	8	Dso	3	B	2							
26 Jan	N16W85	42	90	3	Cso	3	B	1							
								19	0	0	3	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 40



Region Summary - continued

Date	Location		Sunspot Characteristics					Flares							
	Lat CMD	Helio Lon	Area 10 ⁻⁶ hemi.	Extent (helio)	Spot Class	Spot Count	Mag Class	X-ray			Optical				
								C	M	X	S	1	2	3	4

Region 4344

15 Jan	N19E51	51	10	1	Bxo	2	B								
16 Jan	N19E36	52	10	1	Axx	1	A	1							
17 Jan	N19E23	52	30	3	Cro	3	B								
18 Jan	N18E11	51	30	4	Dao	4	B								
19 Jan	N18W01	48	30	5	Dro	5	B								
20 Jan	N19W16	50	10	1	Axx	1	A								
21 Jan	N19W29	52	10	1	Axx	1	A								
22 Jan	N19W42	51	10	1	Axx	1	A								
23 Jan	N19W56	52	plage												
24 Jan	N19W70	53	plage												
25 Jan	N19W84	54	plage												
								1	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 48

Region 4345

15 Jan	S17E65	37	30	5	Dro	5	B								
16 Jan	S17E49	38	20	3	Cao	4	B	1			1				
17 Jan	S16E37	38	10	5	Bxo	5	B				1				
18 Jan	S16E24	38	20	7	Cso	8	B								
19 Jan	S16E11	38	30	6	Cro	7	B	5	1		1				
20 Jan	S17W02	38	120	9	Dai	20	BG	6			4				
21 Jan	S17W16	39	120	11	Eai	25	BG	3	1		1				
22 Jan	S17W28	37	110	11	Eai	17	BG	3							
23 Jan	S17W42	39	130	12	Eso	20	B	1							
24 Jan	S17W56	39	160	11	Esi	7	B								
25 Jan	S17W69	39	110	10	Cso	4	B								
26 Jan	S17W82	39	80	8	Cso	3	B								
								19	2	0	8	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 38



Region Summary - continued

Date	Location	Sunspot Characteristics						Flares							
	Lat CMD	Helio	Area 10 ⁻⁶ hemi.	Extent (helio)	Spot Class	Spot Count	Mag Class	X-ray			Optical				
		Lon						C	M	X	S	1	2	3	4
Region 4346															
15 Jan	S15E76	26	20	1	Hrx	1	A								
16 Jan	S14E61	26	10	1	Hrx	1	A								
17 Jan	S13E48	27	10	1	Axx	1	A								
18 Jan	S14E34	28	0	1	Axx	1	A								
19 Jan	S14E20	29	plage												
20 Jan	S14E07	29	plage												
21 Jan	S14W07	29	plage												
22 Jan	S14W21	30	plage												
23 Jan	S14W35	31	plage												
24 Jan	S14W49	32	plage												
25 Jan	S14W63	33	plage												
26 Jan	S14W77	34	plage												
								0	0	0	0	0	0	0	0

Died on Disk.

Absolute heliographic longitude: 29

Region 4347															
16 Jan	N11E70	18	60	2	Hsx	1	A								
17 Jan	N10E60	15	60	2	Hsx	1	A								
18 Jan	N10E47	15	60	1	Hsx	1	A								
19 Jan	N11E34	15	60	2	Hsx	1	A								
20 Jan	N11E21	15	50	2	Hsx	1	A								
21 Jan	N10E07	16	60	2	Hsx	1	A								
22 Jan	N10W05	14	60	2	Hsx	1	A								
23 Jan	N10W19	15	60	2	Hsx	1	A								
24 Jan	N10W32	15	60	2	Hsx	1	A								
25 Jan	N09W45	15	50	4	Cso	3	B								
26 Jan	N10W59	16	60	2	Hsx	1	A								
27 Jan	N09W72	16	60	3	Hsx	2	A								
28 Jan	N11W86	16	50	3	Hsx	2	A								
								0	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 14



Region Summary - continued

Date	Location		Sunspot Characteristics					Flares							
	Lat CMD	Helio Lon	Area 10 ⁻⁶ hemi.	Extent (helio)	Spot Class	Spot Count	Mag Class	X-ray			Optical				
								C	M	X	S	1	2	3	4
Region 4349															
19 Jan	S14E73	336	20	1	Hsx	1	A								
20 Jan	S14E61	335	80	4	Cso	2	B	2							
21 Jan	S15E47	336	120	5	Dso	3	B	1	1		1	1			
22 Jan	S14E35	334	120	4	Cso	5	B								
23 Jan	S15E21	335	120	4	Hsx	4	A								
24 Jan	S14E08	335	130	3	Dso	2	B	1							
25 Jan	S14W06	336	230	5	Dso	7	B	3			1				
26 Jan	S14W19	336	160	4	Cso	3	B								
27 Jan	S14W34	338	120	2	Hsx	1	A								
28 Jan	S14W46	336	120	3	Hsx	1	A								
29 Jan	S14W60	337	130	3	Hax	3	A								
30 Jan	S14W73	337	130	3	Cso	4	B	1							
31 Jan	S14W86	337	40	6	Cso	4	B								
								8	1	0	2	1	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 336

Region 4350

19 Jan	N20E56	353	20	4	Dro	3	B								
20 Jan	N21E45	351	10	1	Axx	1	A								
21 Jan	N21E31	352	10	1	Axx	1	A	1							
22 Jan	N21E17	352	10	1	Axx	3	A								
23 Jan	N21E04	352	plage												
24 Jan	N18W00	343	10	1	Axx	1	A								
25 Jan	N18W14	344	plage												
26 Jan	N18W28	345	plage												
27 Jan	N18W42	346	plage												
28 Jan	N18W56	346	plage												
29 Jan	N18W70	347	plage												
30 Jan	N18W84	348	plage												
								1	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 343



Region Summary - continued

Date	Location	Sunspot Characteristics						Flares							
	Lat CMD	Helio	Area 10 ⁻⁶ hemi.	Extent (helio)	Spot Class	Spot Count	Mag Class	X-ray			Optical				
		Lon						C	M	X	S	1	2	3	4
Region 4351															
19 Jan	S05E46	3	20	3	Dro	2	B								
20 Jan	S04E33	3	20	3	Bxo	2	B								
21 Jan	S04E19	4	10	4	Dro	3	BD								
22 Jan	S05E07	2	80	7	Dai	16	B	1							
23 Jan	S05W08	4	80	6	Dai	20	B								
24 Jan	S04W21	4	80	6	Dai	8	BD	1							
25 Jan	S04W34	4	30	5	Cao	5	B	5							
26 Jan	S05W47	4	40	5	Dao	7	B	3			3	1			
27 Jan	S05W61	5	60	5	Dao	6	B	3			1				
28 Jan	S04W74	4	60	6	Dao	7	B								
29 Jan	S04W87	4	20	6	Cro	5	B								
								13	0	0	4	1	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 2

Region 4352

20 Jan	S02E22	14	10	1	Axx	1	A								
21 Jan	S02E09	14	5	1	Axx	1	A								
22 Jan	S02W05	14	plage												
23 Jan	S02W19	15	plage												
24 Jan	S02W33	16	plage												
25 Jan	S02W47	17	plage												
26 Jan	S02W61	18	plage												
27 Jan	S02W76	20	plage												
								0	0	0	0	0	0	0	0

Died on Disk.

Absolute heliographic longitude: 14



Region Summary - continued

Date	Location	Sunspot Characteristics						Flares							
	Lat CMD	Helio	Area	Extent	Spot	Spot	Mag	X-ray			Optical				
		Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4
Region 4353															
22 Jan	N17E10	359	40	4	Dri	10	B	3							
23 Jan	N17W03	359	100	5	Dao	25	B	2							
24 Jan	N18W16	359	40	6	Dai	12	BD	1							
25 Jan	N18W29	359	110	7	Dai	13	BG								
26 Jan	N18W43	360	40	4	Dso	3	B								
27 Jan	N17W58	360	10	2	Bxo	3	B	1							
28 Jan	N17W71	359	30	6	Cro	7	B								
29 Jan	N18W82	359	10	3	Bxo	3	B	1							
								8	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 359

Region 4354															
22 Jan	S13E13	356	10	3	Bxo	3	B								
23 Jan	S12W00	356	10	3	Cao	6	B								
24 Jan	S11W14	357	10	2	Axx	1	A								
25 Jan	S11W27	357	10	1	Axx	1	A								
26 Jan	S11W41	358	plage												
27 Jan	S11W55	359	plage												
28 Jan	S11W69	359	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 356

Region 4355															
24 Jan	S14E44	299	10	4	Cao	2	B								
25 Jan	S12E31	299	20	4	Cao	2	B								
26 Jan	S12E18	299	20	3	Cao	3	B	1							
27 Jan	S13E05	299	10	1	Hrx	1	A								
28 Jan	S13W07	297	10	1	Axx	1	A	1							
29 Jan	S13W21	298	plage												
30 Jan	S13W35	299	plage												
31 Jan	S13W49	300	plage												
01 Feb	S13W63	301	plage												
								2	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 299



Region Summary - continued

Location		Sunspot Characteristics					Flares							
Date	Lat CMD	Helio	Area	Extent	Spot	Spot	Mag	X-ray			Optical			
	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4

Region 4356

26 Jan	S12W07	324	10	1	Axx	1	A								
27 Jan	S12W20	324	10	1	Axx	1	A								
28 Jan	S10W34	324	plage												
29 Jan	S10W48	325	plage												
30 Jan	S10W62	326	plage												
31 Jan	S10W76	327	plage												
01 Feb	S10W90	328	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 324

Region 4357

27 Jan	S13W05	309	20	4	Cao	5	B				1				
28 Jan	S13W20	310	30	6	Cro	7	B	1							
29 Jan	S13W34	311	40	7	Cri	8	B								
30 Jan	S13W47	311	20	8	Cao	5	B				1				
31 Jan	S14W60	311	20	8	Cao	4	B	1					1		
01 Feb	S13W80	318	10	1	Axx	1	A								
								2	0	0	1	1	1	0	0

Still on Disk.

Absolute heliographic longitude: 309

Region 4358

27 Jan	N14E64	240	10	1	Axx	1	A								
28 Jan	N14E50	240	10	3	Bxo	3	B								
29 Jan	N14E37	240	10	3	Bxo	3	B								
30 Jan	N14E23	241	10	3	Axx	2	A								
31 Jan	N14E09	242	10	2	Bxo	1	B								
01 Feb	N14W05	243	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 243



Region Summary - continued

Location		Sunspot Characteristics					Flares							
Date	Lat CMD	Helio	Area	Extent	Spot	Spot	Mag	X-ray			Optical			
	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4

Region 4359

28 Jan	N18E27	263	10	3	Bxo	2	B								
29 Jan	N18E15	262	10	1	Axx	2	A								
30 Jan	N18E01	263	10	1	Axx	1	A								
31 Jan	N21W09	260	10	3	Cao	4	B								
01 Feb	N22W23	261	10	1	Axx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 263

Region 4360

28 Jan	S15E57	233	30	3	Cro	3	B								
29 Jan	S15E43	234	10	1	Hrx	1	A								
30 Jan	S15E26	237	10	1	Axx	1	A								
31 Jan	S16E13	238	10	1	Axx	1	A								
01 Feb	S16W01	239	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 239

Region 4361

28 Jan	N19W29	319	10	3	Bxo	2	B								
29 Jan	N19W42	319	plage												
30 Jan	N19W56	320	plage												
31 Jan	N19W70	321	plage												
01 Feb	N19W84	322	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 319

Region 4362

29 Jan	S17E72	205	30	2	Hsx	1	A								
30 Jan	S17E58	206	20	1	Hsx	1	A	1							
31 Jan	S18E45	206	40	1	Hax	1	A								
01 Feb	S18E31	207	40	3	Hsx	1	A								
								1	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 207



Region Summary - continued

Date	Location		Sunspot Characteristics					Flares							
	Lat CMD	Helio Lon	Area 10 ⁻⁶ hemi.	Extent (helio)	Spot Class	Spot Count	Mag Class	X-ray			Optical				
								C	M	X	S	1	2	3	4

Region 4363

29 Jan	S23E74	203	20	1	Hrx	1	A	1							
30 Jan	S24E59	205	30	7	Cao	3	B	1							
31 Jan	S26E45	206	30	2	Cao	2	B	1							
01 Feb	S26E31	207	plage												
								3	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 207

Region 4364

30 Jan	S17W33	297	plage												
31 Jan	S17W47	298	plage												
01 Feb	S17W61	299	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 297

Region 4365

30 Jan	N28W12	276	10	1	Axx	1	A	1							
31 Jan	N26W25	276	plage												
01 Feb	N26W39	277	plage												
								1	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 276

Region 4366

30 Jan	N16E65	199	60	5	Dai	4	B	1							
31 Jan	N13E51	200	60	6	Dai	7	BGD	15			1				
01 Feb	N14E35	202	550	12	Ekc	21	BGD	2	17	2			1		
								18	17	2	1	0	1	0	0

Still on Disk.

Absolute heliographic longitude: 202

Region 4367

31 Jan	N10E75	176	60	2	Hsx	1	A								
01 Feb	N07E62	176	30	3	Hsx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 176



Region Summary - continued

Location		Sunspot Characteristics					Flares								
Date	Lat	Helio	Area	Extent	Spot	Spot	Mag	X-ray			Optical				
	CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4

Region 4368

31 Jan	S08E76	175	120	2	Hsx	1	A								
01 Feb	S10E63	175	30	3	Hsx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 175

Region 4369

01 Feb	S01E71	167	120	4	Hsx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 167



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