

Solar activity reached moderate levels on 19 and 21 Jan with three M-class flares (R1-Minor) observed. Region 4345 (S17, L=39, class/area=Esi/160 on 24 Jan) produced an M1.1 flare at 19/1119 UTC and an M1.1/Sf flare at 21/0135 UTC. Region 4349 (S14, L=336, class/area=Dso/230 on 25 Jan) produced an M3.4/1b flare at 21/0712 UTC, the strongest flare of the week. No Earth-directed CMEs were observed in association with flare activity from 19-25 Jan.

The greater than 10 MeV proton flux reached S4 (Severe) storm levels on 19 Jan, decreased to S2 (Moderate) levels on 20 Jan, and remained at S1 (Minor) levels on 21-22 Jan following an X1.9/3b flare from Region 4341 that peaked at 18/1809 UTC. Proton fluxes gradually declined over 23-25 Jan.

The greater than 2 MeV electron flux at geosynchronous orbit reached high levels on 19 and 21-25 Jan, with normal to moderate levels observed on 20 Jan.

Geomagnetic field activity reached G4 (Severe) storm levels on 19-20 Jan and G3 (Strong) levels on 21 Jan following the arrival of a halo CME associated with the X1.9/3b flare at 18/1809 UTC from Region 4341. G1 (Minor) storming was observed on 22 Jan due to lingering CME effects and the onset of positive polarity CH HSS influences. Active conditions were observed on 23-24 Jan, with quiet to unsettled levels observed on 25 Jan, in response to continued positive polarity CH HSS influences.

Space Weather Outlook **26 January - 21 February 2026**

Solar activity is expected to be predominately low with a varying chance for M-class flares (R1-R2/Minor-Moderate) through 21 Feb.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 26, 28-31 Jan and 01-03, 06-12, 15-21 Feb. Normal to moderate flux levels are expected to persist through the remainder of the period.

Geomagnetic field activity is likely to reach G1 (Minor) storm levels on 28 Jan and 13 Feb, with active periods likely on 29 Jan and 04-05, 14-21 Feb, due to the influences of multiple, recurrent CH HSSs. Quiet and quiet-to-unsettled conditions are expected to prevail throughout the remainder of the outlook period.



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
19 January	173	162	740	C1.8	6	1	0	1	0	0	0	0
20 January	178	172	790	C1.2	8	0	0	4	0	0	0	0
21 January	188	166	845	C1.1	11	2	0	4	1	0	0	0
22 January	194	206	890	C1.4	9	0	0	0	0	0	0	0
23 January	180	195	900	C1.2	7	0	0	2	0	0	0	0
24 January	174	147	880	C1.3	5	0	0	0	0	0	0	0
25 January	165	131	790	C1.1	11	0	0	1	0	0	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	
19 January	2.8e+09	2.8e+08	1.9e+08	
20 January	1.8e+08	8.4e+06	1.2e+07	
21 January	4.7e+07	1.3e+06	7.0e+07	
22 January	1.7e+07	5.0e+05	2.2e+08	
23 January	1.2e+07	2.7e+05	1.2e+08	
24 January	5.9e+06	1.7e+05	2.0e+08	
25 January	4.7e+06	9.2e+04	2.8e+08	

Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
19 January	64	2-1-0-1-1-3-8-8	91	3-1-1-4-3-4-9-8	73	3-2-1-1-1-3-8-9
20 January	91	6-5-7-7-7-5-5-6	174	4-4-9-9-8-7-6-6	143	6-6-8-8-7-7-7-8
21 January	45	6-6-6-5-4-3-3-3	95	6-8-7-7-6-5-3-3	73	7-7-7-6-4-4-3-3
22 January	15	4-3-2-2-2-1-2-5	16	3-3-4-3-3-2-2-4	19	4-3-3-2-2-2-2-5
23 January	17	3-4-3-3-3-3-3-3	58	4-4-5-7-6-6-5-3	28	4-4-4-4-4-4-4-4
24 January	12	3-2-2-3-3-3-3-2	25	4-2-4-4-5-4-4-2	17	4-2-2-3-3-3-4-3
25 January	12	3-3-2-3-3-3-2-2	32	2-2-5-5-5-6-2-2	18	3-3-3-3-3-3-3-2



Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
19 Jan 0411	EXTENDED WARNING: Proton 10MeV Integral Flux > 10pfu	18/2130 - 19/2359
19 Jan 0447	ALERT: Proton Event 10MeV Integral Flux >= 100pfu	19/0440
19 Jan 0500	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	12/1040
19 Jan 1029	EXTENDED WARNING: Proton 10MeV Integral Flux > 10pfu	18/2130 - 20/2359
19 Jan 1029	ALERT: Proton Event 10MeV Integral Flux >= 1000pfu	19/1020
19 Jan 1203	WATCH: Geomagnetic Storm Category G4 or greater predicted	
19 Jan 1814	EXTENDED WARNING: Proton 10MeV Integral Flux > 10pfu	18/2130 - 20/2359
19 Jan 1819	ALERT: Proton Event 10MeV Integral Flux >= 10000pfu	19/1810
19 Jan 1906	WARNING: Geomagnetic K >= 7	19/1902 - 20/1500
19 Jan 1906	WARNING: Geomagnetic K = 5	19/1902 - 20/0900
19 Jan 1906	WARNING: Geomagnetic K = 6	19/1902 - 20/1800
19 Jan 1909	WARNING: Geomagnetic Sudden Impulse expected	19/1920 - 2000
19 Jan 1922	ALERT: Geomagnetic K = 5	
19 Jan 1924	ALERT: Geomagnetic K = 6	
19 Jan 1927	EXTENDED WARNING: Geomagnetic K = 5	19/1902 - 20/2359
19 Jan 1928	EXTENDED WARNING: Geomagnetic K = 4	16/0254 - 21/0300
19 Jan 1930	ALERT: Geomagnetic K = 7	
19 Jan 1936	SUMMARY: Geomagnetic Sudden Impulse	19/1920
19 Jan 1943	ALERT: Geomagnetic K = 8	
19 Jan 2109	ALERT: Geomagnetic K = 6	
19 Jan 2109	ALERT: Geomagnetic K = 5	
19 Jan 2114	ALERT: Geomagnetic K = 7	
19 Jan 2117	ALERT: Geomagnetic K = 8	
19 Jan 2156	SUMMARY: Geomagnetic Sudden Impulse	19/2134
19 Jan 2321	SUMMARY: Proton Event 10MeV Integral Flux >= 10000pfu	19/1810 - 2045
20 Jan 0012	ALERT: Geomagnetic K = 5	



Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
20 Jan 0014	ALERT: Geomagnetic K = 6	
20 Jan 0103	SUMMARY: Proton Event 10MeV Integral Flux $\geq$ 1000pfu 19/1020 - 2135	
20 Jan 0406	ALERT: Geomagnetic K = 5	
20 Jan 0409	ALERT: Geomagnetic K = 5	
20 Jan 0603	ALERT: Geomagnetic K = 6	
20 Jan 0705	ALERT: Geomagnetic K = 5	
20 Jan 0736	ALERT: Geomagnetic K = 6	
20 Jan 0800	ALERT: Geomagnetic K = 7	
20 Jan 0823	ALERT: Geomagnetic K = 8	
20 Jan 0917	ALERT: Geomagnetic K = 5	
20 Jan 0928	ALERT: Geomagnetic K = 6	
20 Jan 0943	ALERT: Geomagnetic K = 7	
20 Jan 1022	ALERT: Geomagnetic K = 8	
20 Jan 1211	ALERT: Geomagnetic K = 5	
20 Jan 1229	ALERT: Geomagnetic K = 6	
20 Jan 1248	ALERT: Geomagnetic K = 7	
20 Jan 1456	EXTENDED WARNING: Geomagnetic K = 6	19/1902 - 20/2359
20 Jan 1456	EXTENDED WARNING: Geomagnetic K $\geq$ 7	19/1902 - 20/2100
20 Jan 1519	ALERT: Geomagnetic K = 5	
20 Jan 1530	ALERT: Geomagnetic K = 6	
20 Jan 1727	ALERT: Geomagnetic K = 7	
20 Jan 1823	ALERT: Geomagnetic K = 5	
20 Jan 1856	ALERT: Geomagnetic K = 6	
20 Jan 1949	ALERT: Geomagnetic K = 7	
20 Jan 1953	EXTENDED WARNING: Geomagnetic K = 6	19/1902 - 21/0600
20 Jan 1953	EXTENDED WARNING: Geomagnetic K $\geq$ 7	19/1902 - 21/0300
20 Jan 1953	EXTENDED WARNING: Geomagnetic K = 4	16/0254 - 21/1500
20 Jan 1953	EXTENDED WARNING: Geomagnetic K = 5	19/1902 - 21/0900
20 Jan 2135	ALERT: Geomagnetic K = 5	



Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
20 Jan 2233	ALERT: Geomagnetic K = 6	
20 Jan 2242	ALERT: Geomagnetic K = 7	
20 Jan 2355	EXTENDED WARNING: Proton 10MeV Integral Flux > 10pfu	18/2130 - 21/2359
21 Jan 0008	ALERT: Geomagnetic K = 8	
21 Jan 0028	ALERT: Geomagnetic K = 5	
21 Jan 0035	ALERT: Geomagnetic K = 6	
21 Jan 0155	SUMMARY: Proton Event 10MeV Integral Flux >= 100pfu	19/0440 - 20/1335
21 Jan 0201	EXTENDED WARNING: Geomagnetic K = 4	16/0254 - 21/2100
21 Jan 0201	EXTENDED WARNING: Geomagnetic K = 5	19/1902 - 21/1800
21 Jan 0201	EXTENDED WARNING: Geomagnetic K >= 7	19/1902 - 21/1200
21 Jan 0201	EXTENDED WARNING: Geomagnetic K = 6	19/1902 - 21/1500
21 Jan 0220	ALERT: Geomagnetic K = 7	
21 Jan 0354	ALERT: Geomagnetic K = 5	
21 Jan 0447	ALERT: Geomagnetic K = 6	
21 Jan 0511	ALERT: Geomagnetic K = 7	
21 Jan 0710	ALERT: Geomagnetic K = 5	
21 Jan 0727	ALERT: Geomagnetic K = 6	
21 Jan 0731	WATCH: Geomagnetic Storm Category G1 predicted	
21 Jan 0853	ALERT: Geomagnetic K = 7	
21 Jan 0948	ALERT: Geomagnetic K = 5	
21 Jan 1006	ALERT: Electron 2MeV Integral Flux >= 1000pfu	21/0950
21 Jan 1037	ALERT: Geomagnetic K = 6	
21 Jan 1056	EXTENDED WARNING: Geomagnetic K = 4	16/0254 - 22/1800
21 Jan 1056	EXTENDED WARNING: Geomagnetic K = 6	19/1902 - 21/2359
21 Jan 1056	EXTENDED WARNING: Geomagnetic K = 5	19/1902 - 22/1500
21 Jan 1056	EXTENDED WARNING: Geomagnetic K >= 7	19/1902 - 21/1800
22 Jan 0124	WARNING: Proton 10MeV Integral Flux > 10pfu	22/0124 - 1200
22 Jan 0459	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	21/0950

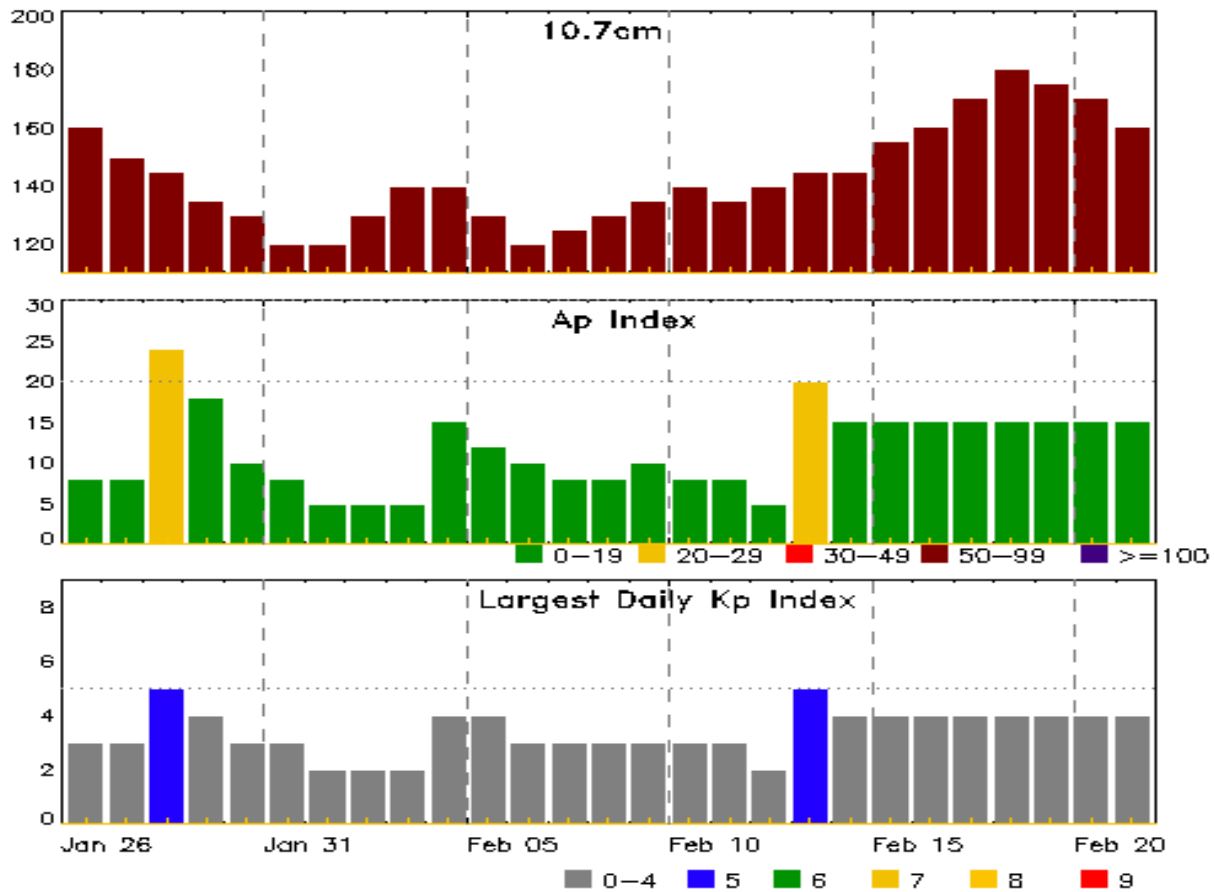


Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
22 Jan 0537	ALERT: Proton Event 10MeV Integral Flux $\geq$ 10pfu	22/0520
22 Jan 1103	EXTENDED WARNING: Proton 10MeV Integral Flux $>$ 10pfu	22/0124 - 1800
22 Jan 1754	SUMMARY: Proton Event 10MeV Integral Flux $\geq$ 10pfu	18/2255 - 22/0545
22 Jan 2224	WARNING: Geomagnetic K = 4	22/2224 - 23/0900
22 Jan 2300	ALERT: Geomagnetic K = 4	
22 Jan 2325	WARNING: Geomagnetic K = 5	22/2325 - 23/0900
22 Jan 2329	ALERT: Geomagnetic K = 5	
22 Jan 2339	WARNING: Geomagnetic K = 6	22/2339 - 23/0900
23 Jan 0000	EXTENDED WARNING: Geomagnetic K = 4	22/2224 - 23/1500
23 Jan 0459	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
23 Jan 0854	EXTENDED WARNING: Geomagnetic K = 5	22/2325 - 23/1500
23 Jan 0903	EXTENDED WARNING: Geomagnetic K = 4	22/2224 - 23/1800
23 Jan 1456	EXTENDED WARNING: Geomagnetic K = 5	22/2325 - 23/2100
23 Jan 1456	EXTENDED WARNING: Geomagnetic K = 4	22/2224 - 23/2359
23 Jan 2056	EXTENDED WARNING: Geomagnetic K = 4	22/2224 - 24/0300
23 Jan 2056	EXTENDED WARNING: Geomagnetic K = 5	22/2325 - 24/0300
24 Jan 0256	EXTENDED WARNING: Geomagnetic K = 4	22/2224 - 24/1800
24 Jan 0257	EXTENDED WARNING: Geomagnetic K = 5	22/2325 - 24/1500
24 Jan 0500	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
24 Jan 1752	EXTENDED WARNING: Geomagnetic K = 4	22/2224 - 24/2359
25 Jan 0248	WARNING: Geomagnetic K = 4	25/0245 - 1200
25 Jan 0500	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/0950
25 Jan 1150	EXTENDED WARNING: Geomagnetic K = 4	25/0245 - 1800
25 Jan 1754	EXTENDED WARNING: Geomagnetic K = 4	25/0245 - 26/0300



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
26 Jan	160	8	3	09 Feb	135	10	3
27	150	8	3	10	140	8	3
28	145	24	5	11	135	8	3
29	135	18	4	12	140	5	2
30	130	10	3	13	145	20	5
31	120	8	3	14	145	15	4
01 Feb	120	5	2	15	155	15	4
02	130	5	2	16	160	15	4
03	140	5	2	17	170	15	4
04	140	15	4	18	180	15	4
05	130	12	4	19	175	15	4
06	120	10	3	20	170	15	4
07	125	8	3	21	160	15	4
08	130	8	3				

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
19 Jan	1109	1119	1122	M1.1	0.004					4345		
21 Jan	0115	0135	0158	M1.1	0.022		SF	S16W05		4345		
21 Jan	0653	0712	0722	M3.4	0.028		1B	S18E62		4349		

Flare List

Date	Time			X-ray Class	Imp/ Brtns	Optical		Rgn #
	Begin	Max	End			Location Lat CMD		
19 Jan	1109	1119	1122	M1.1				4345
19 Jan	1223	1227	1230	C2.8				4345
19 Jan	1257	1307	1312	C3.4				4345
19 Jan	1357	1404	1407	C3.6				4345
19 Jan	1522	1531	1542	C3.6				4345
19 Jan	1744	1758	1819	C3.8	SF	S17E16		4345
19 Jan	1909	1921	1945	C8.0				4342
20 Jan	0431	0438	0446	C2.0				4349
20 Jan	0528	0532	0534	C2.1				4349
20 Jan	0607	0614	0618	C2.0				4345
20 Jan	0624	0631	0636	C2.7				4345
20 Jan	0725	0733	0737	C4.4	SF	S17E02		4345
20 Jan	0809	0816	0820	C4.0	SF	S17E02		4345
20 Jan	1249	1322	1346	C4.2				4345
20 Jan	1532	1606	1709	C2.4	SF	S14W03		4345
20 Jan	2145	2145	2201		SF	S15W02		4345
21 Jan	0005	0009	0012	C2.1				4342
21 Jan	0115	0135	0158	M1.1	SF	S16W05		4345
21 Jan	0443	0448	0450	C2.0				4345
21 Jan	0502	0513	0523	C5.1				
21 Jan	0653	0712	0722	M3.4	1B	S18E62		4349
21 Jan	1149	1157	1208	C2.2				4345
21 Jan	1209	1212	1220	C3.6				4345
21 Jan	1624	1633	1640	C2.3				4342
21 Jan	1820	1821	1855		SF	S14E55		4349
21 Jan	1826	1834	1839	C7.0				4349
21 Jan	1905	1910	1915	C3.2				4350
21 Jan	1929	1938	1945	C8.6				4341



Flare List

Date	Time			X-ray Class	Optical		
	Begin	Max	End		Imp/ Brtns	Location Lat CMD	Rgn #
21 Jan	1947	1955	2002	C7.6			4341
21 Jan	2021	2021	2022		SF	S13W20	4341
21 Jan	2047	2052	2058	C3.2	SF	S12W21	4341
22 Jan	1033	1049	1100	C8.3			4345
22 Jan	1218	1223	1230	C2.3			4342
22 Jan	1702	1707	1715	C4.3			4351
22 Jan	1733	1745	1750	C2.6			4353
22 Jan	1934	1941	1943	C1.9			4353
22 Jan	1943	1954	2000	C9.5			4353
22 Jan	2116	2122	2126	C2.3			4345
22 Jan	2229	2234	2239	C1.9			
22 Jan	2345	2352	2356	C2.6			4345
23 Jan	0016	0024	0030	C4.2			4345
23 Jan	0111	0119	0128	C3.2			4353
23 Jan	0129	0140	0151	C3.4			4353
23 Jan	0929	0936	0949	C1.8	SF	S14W39	4341
23 Jan	1005	1015	1022	C2.5	SF	S14W38	4341
23 Jan	1259	1314	1326	C3.3			
23 Jan	2218	2329	0053	C5.9			
24 Jan	0551	0603	0611	C3.7			4353
24 Jan	0820	0831	0838	C4.1			4351
24 Jan	1831	1838	1841	C2.7			4349
24 Jan	2005	2012	2021	C2.1			4341
24 Jan	2109	2119	2124	C2.5			4341
25 Jan	0335	0341	0348	C2.1			4351
25 Jan	0404	0413	0417	C2.5			4351
25 Jan	0754	0801	0809	C1.7			4342
25 Jan	1012	1030	1041	C6.3			4351
25 Jan	1536	1545	1552	C4.5			4349
25 Jan	1659	1708	1714	C2.3			4351
25 Jan	1714	1720	1723	C2.1			4351
25 Jan	1745	1750	1754	C2.2			4343
25 Jan	2059	2108	2116	C4.9			4349
25 Jan	2136	2143	2147	C7.9			4342
25 Jan	2205	2213	2219	C3.1			4349
25 Jan	2313	2319	2335		SF	S17W03	4349



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 4340																
11 Jan	N15E45	109	30	4	Cao	8	B									
12 Jan	N13E31	110	40	5	Dao	6	B									
13 Jan	N14E17	111	30	7	Cso	6	B									
14 Jan	N14E05	110	50	6	Cao	6	B	1				2				
15 Jan	N14W08	110	60	6	Cao	6	B	1				1				
16 Jan	N24W21	109	50	5	Cao	10	B									
17 Jan	N14W36	111	plage													
18 Jan	N14W50	112	plage													
19 Jan	N14W64	113	plage													
20 Jan	N14W78	114	plage													
									2	0	0	3	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 110

Region 4341

13 Jan	S09E81	47	plage					2							
14 Jan	S10E70	45	350	9	Dkc	12	BG	1	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								
								22	3	1	16	1	1	1	0

Still on Disk.

Absolute heliographic longitude: 46



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 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							
								18	0	0	3	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 40

Region 4343

15 Jan	S10E05	97	100	7	Dai	8	BG								
16 Jan	S11W09	97	310	9	Dki	18	BG	6			2				
17 Jan	S10W22	97	240	10	Dai	20	BD	4							
18 Jan	S11W35	97	180	10	Dao	18	B								
19 Jan	S10W49	98	110	10	Dai	13	B								
20 Jan	S09W58	94	20	2	Hrx	1	A								
21 Jan	S11W70	93	20	1	Cro	2	B								
22 Jan	S12W84	93	20	1	Hrx	1	A								
								10	0	0	2	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 97



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

Still on Disk.

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								
								19	2	0	8	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 38



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 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												
								0	0	0	0	0	0	0	0

Still 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								
								0	0	0	0	0	0	0	0

Still on Disk.

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 4348

18 Jan	S19W02	64	20	3	Cao	4	B								
19 Jan	S18W15	64	20	4	Cro	3	B								
20 Jan	S18W28	64	10	6	Bxo	4	B								
21 Jan	S18W47	70	plage												
22 Jan	S17W59	68	10	3	Cro	4	B								
23 Jan	S17W71	67	20	6	Hsx	4	A								
24 Jan	S17W85	68	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 64

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				
								7	1	0	2	1	0	0	0

Still on Disk.

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												
								1	0	0	0	0	0	0	0

Still on Disk.

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							
								7	0	0	0	0	0	0	0

Still on Disk.

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												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 14

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								
								6	0	0	0	0	0	0	0

Still on Disk.

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								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 356



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
		<i>Region 4355</i>													
24 Jan	S14E44	299	10	4	Cao	2	B								
25 Jan	S12E31	299	20	4	Cao	2	B								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 299



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