

Solar activity ranged from low to high levels. High levels were observed on 31 Dec following an M7.1/1N flare at 31/1351 UTC from Region 4324 (N25, L=288, class/area=Dao/230 on 29 Dec). Associated with the event was Type IV and Type II radio sweep, a Tenflare, and a CME signature to the NE in subsequent coronagraph imagery. Modeling of the CME event suggested passage by Earth late on 03 Jan. Moderate levels were observed on 01 Jan following an M1/Sf flare at 29/0651 from Region 4325 (S08, L=296, class/area=Eki/330 on 01 Jan). The other 21 numbered active regions across the visible disk this week were either quiet or only produced C-class activity. A Type II radio sweep was reported on 02 Jan but was associated with a CME that erupted from beyond the W limb.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached high levels over the past seven days.

Geomagnetic field activity was at mostly quiet to unsettled levels on everyday but 02 Jan. G1 (Minor) geomagnetic storm levels were observed on late on 02 Jan following the arrival of the last of a set of weak CMEs that left the Sun over 28-31 Dec. Total magnetic field strength reached a peak of 09 nT as the CME passed. Bz reached as far south as -8 nT. Solar wind speeds peaked between ~600-700 km/s. While influence from a negative polarity coronal hole was observed beginning on 31 Dec, no significant geomagnetic activity was observed from the feature over the following days.

Space Weather Outlook

05 January - 31 January 2026

Solar activity is likely to remain at low levels, with a chance for moderate (R1-Minor) conditions and a slight chance for high (R2/R3-Moderate-Strong) over the next solar rotation due to multiple regions on the visible disk as well as regions expected to return from the Sun's farside.

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 05 Jan and 15 Jan - 13 Jan due to the anticipated influence of multiple, recurrent coronal holes. The remainder of the outlook period is likely to at normal to moderate levels.

Geomagnetic field activity is likely to reach G1 (Minor) geomagnetic storm levels on 13-14 Jan, 17-20 Jan, and 29 Jan; active levels are likely on 05 Jan and 28 Jan; unsettled levels are likely on 09-10 Jan, 12 Jan, 21-22 Jan, 27 Jan, and 30-31 Jan. All enhancements in geomagnetic activity are due to the anticipated influence of multiple, recurrent, coronal holes. The remainder of the



outlook period is expected to be mostly quiet.



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
29 December	196	138	1020	C1.7	14	1	0	7	1	0	0	0
30 December	182	141	980	C1.6	9	0	0	4	0	0	0	0
31 December	171	127	700	C1.4	6	1	0	1	0	0	0	0
01 January	169	120	580	C1.0	12	0	0	3	0	0	0	0
02 January	166	124	650	C1.1	9	0	0	0	0	0	0	0
03 January	165	136	650	C1.1	9	0	0	5	0	0	0	0
04 January	157	97	810	B9.5	5	0	0	0	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	
29 December	1.4e+06	1.6e+04	1.9e+08	
30 December	1.9e+06	1.5e+04	1.6e+08	
31 December	3.0e+05	1.5e+04	4.1e+07	
01 January	1.1e+06	1.5e+04	4.9e+07	
02 January	2.3e+06	1.7e+04	8.2e+07	
03 January	4.7e+05	1.6e+04	6.9e+07	
04 January	1.1e+06	1.5e+04	7.2e+07	

Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
29 December	9	3-3-2-2-3-2-1-1	15	1-1-4-5-4-1-1-1	9	3-3-2-3-2-1-1-2
30 December	5	1-1-2-1-2-2-1-1	13	1-1-2-4-4-4-2-0	8	2-2-2-2-3-3-2-1
31 December	7	1-1-3-2-3-2-1-1	17	0-0-3-4-6-2-0-1	7	2-1-2-2-3-1-1-1
01 January	10	1-3-3-2-3-2-2-2	15	1-1-2-4-5-3-2-2	12	2-3-3-3-3-3-2-3
02 January	16	2-3-3-2-3-3-4-4	29	2-3-4-4-5-5-5-3	24	3-4-3-2-3-3-5-5
03 January	10	3-3-2-1-3-3-1-1	28	3-3-3-3-6-5-4-2	12	3-3-2-2-3-3-3-1
04 January	4	0-0-0-0-1-2-2-3	2	0-0-0-0-0-1-1-2	2	0-0-0-1-1-1-2-3



Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
29 Dec 0806	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/1425
29 Dec 1542	WATCH: Geomagnetic Storm Category G1 predicted	
30 Dec 0502	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/1425
31 Dec 1336	WARNING: Geomagnetic K = 4	31/1335 - 2100
31 Dec 1344	ALERT: X-ray Flux exceeded M5	31/1342
31 Dec 1400	ALERT: Type II Radio Emission	31/1333
31 Dec 1401	ALERT: Type IV Radio Emission	31/1342
31 Dec 1419	SUMMARY: 10cm Radio Burst	31/1331 - 1353
31 Dec 1425	SUMMARY: X-ray Event exceeded M5	31/1312 - 1411
31 Dec 1632	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/1425
31 Dec 2259	WATCH: Geomagnetic Storm Category G2 predicted	
01 Jan 0409	WARNING: Geomagnetic K = 4	01/0430 - 0900
01 Jan 0843	EXTENDED WARNING: Geomagnetic K = 4	01/0430 - 1200
01 Jan 1444	WARNING: Geomagnetic K = 4	01/1444 - 2359
02 Jan 0322	ALERT: Type II Radio Emission	01/0256
02 Jan 0508	WARNING: Geomagnetic K = 4	02/0508 - 1200
02 Jan 0523	ALERT: Geomagnetic K = 4	
02 Jan 1221	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/1425
02 Jan 1435	WARNING: Geomagnetic K = 4	02/1435 - 2359
02 Jan 1701	WATCH: Geomagnetic Storm Category G1 predicted	
02 Jan 1910	ALERT: Geomagnetic K = 4	
02 Jan 1920	EXTENDED WARNING: Geomagnetic K = 4	02/1435 - 03/0900
02 Jan 1921	WARNING: Geomagnetic K = 5	02/1920 - 03/0600
02 Jan 1930	ALERT: Geomagnetic K = 5	
02 Jan 1944	EXTENDED WARNING: Geomagnetic K = 4	02/1435 - 03/1500
02 Jan 2028	WARNING: Geomagnetic K = 6	02/2030 - 03/0600
03 Jan 0007	ALERT: Geomagnetic K = 5	

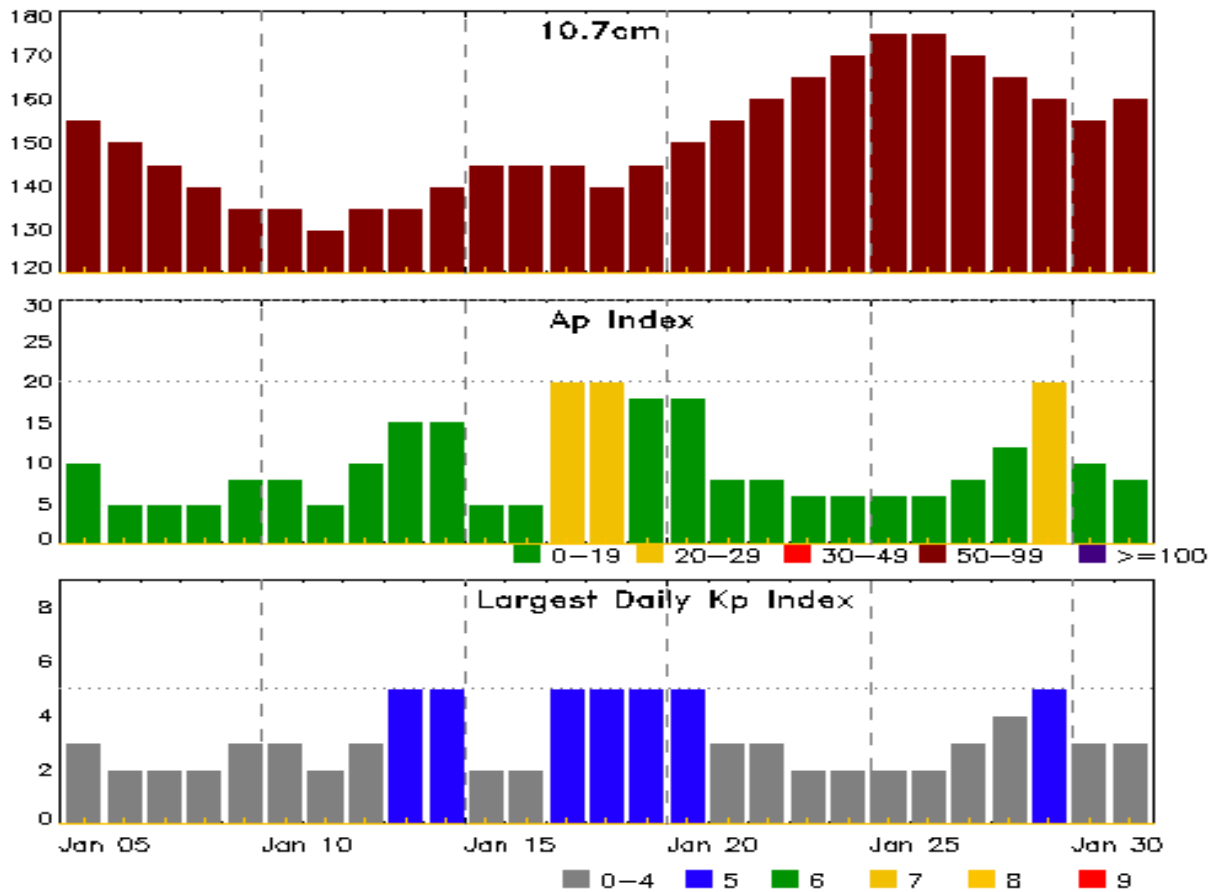


Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
03 Jan 1348	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/1425
04 Jan 1437	CONTINUED ALERT: Electron 2MeV Integral Flux $\geq$ 1000pfu	21/1425
04 Jan 2207	WARNING: Geomagnetic K = 4	04/2207 - 05/1200



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
05 Jan	155	10	3	19 Jan	145	18	5
06	150	5	2	20	150	18	5
07	145	5	2	21	155	8	3
08	140	5	2	22	160	8	3
09	135	8	3	23	165	6	2
10	135	8	3	24	170	6	2
11	130	5	2	25	175	6	2
12	135	10	3	26	175	6	2
13	135	15	5	27	170	8	3
14	140	15	5	28	165	12	4
15	145	5	2	29	160	20	5
16	145	5	2	30	155	10	3
17	145	20	5	31	160	8	3
18	140	20	5				

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
29 Dec	0634	0651	0656	M1.0	0.008	SF	S10E43	4325				
31 Dec	1312	1351	1411	M7.1	0.120			4324	2600	550	1	2

Flare List

Date	Time			X-ray Class	Imp/ Brtns	Optical		Rgn #
	Begin	Max	End			Location Lat CMD		
29 Dec	0000	0001	0019		1F	N22E53		4324
29 Dec	0055	0056	0057		SF	S10E47		4325
29 Dec	0119	0128	0132	C4.8				4325
29 Dec	0258	0305	0310	C8.9				4317
29 Dec	0302	0305	0315		SF	N23E51		4324
29 Dec	0308	0312	0321		SF	N08W31		4317
29 Dec	0634	0651	0656	M1.0	SF	S10E43		4325
29 Dec	0723	0731	0736	C2.6				4331
29 Dec	0757	0803	0807	C2.6	SF	S09E42		4325
29 Dec	0807	0817	0828	C4.3	SF	S09E42		4325
29 Dec	0943	0947	0952	C3.8				4325
29 Dec	1210	1219	1224	C2.7				4325
29 Dec	1310	1314	1318	C3.0				4324
29 Dec	1348	1352	1356		SF	N24E45		4324
29 Dec	1630	1635	1642	C3.3				4324
29 Dec	1803	1811	1816	C3.5				4324
29 Dec	1816	1827	1832	C3.3				4324
29 Dec	2036	2040	2043	C6.4				4317
29 Dec	2214	2222	2226	C3.3				4324
29 Dec	2226	2230	2237	C3.7				4321
30 Dec	0014	0027	0033	C4.9	SF	S09E38		4325
30 Dec	0058	0103	0105	C2.9	SF	S09E39		4325
30 Dec	0638	0645	0647	C5.0				4324
30 Dec	0645	0645	0646		SF	S09E39		4325
30 Dec	0836	0843	0849	C4.6				4321
30 Dec	1416	1423	1432	C2.2				4325
30 Dec	1551	1555	1600	C4.9				4325
30 Dec	1742	1803	1816	C4.1	SF	S18E46		4330
30 Dec	2243	2248	2253	C2.2				4325



Flare List

Date	Time			X-ray Class	Optical		
	Begin	Max	End		Imp/ Brtns	Location Lat CMD	Rgn #
30 Dec	2336	2340	2342	C2.8			4325
31 Dec	0023	0027	0030	C1.8			4325
31 Dec	0123	0132	0135	C5.9			4325
31 Dec	0626	0635	0648	C2.1			4324
31 Dec	0942	0952	1003	C3.6	SF	N26E21	4324
31 Dec	1003	1012	1016	C3.8			4324
31 Dec	1237	1244	1254	C1.9			4324
31 Dec	1312	1351	1411	M7.1			4324
01 Jan	0056	0103	0108	C1.7			4324
01 Jan	0119	0124	0128	C1.8			4317
01 Jan	0215	0225	0233	C9.6	SF	S09E06	4325
01 Jan	0534	0537	0542	C2.0			4325
01 Jan	0552	0604	0609	C2.4			4325
01 Jan	0609	0622	0629	C4.4	SF	S09E06	4325
01 Jan	0642	0648	0651	C5.3	SF	S09E03	4325
01 Jan	1504	1510	1515	C1.6			4325
01 Jan	1548	1555	1603	C2.1			4324
01 Jan	1727	1759	1830	C6.2			4324
01 Jan	1846	1855	1905	C3.9			4317
01 Jan	2143	2150	2155	C2.7			4317
02 Jan	0008	0017	0023	C6.5			4333
02 Jan	0057	0104	0108	C1.9			4325
02 Jan	0141	0147	0150	C1.9			4333
02 Jan	0245	0255	0259	C5.5			4317
02 Jan	0352	0357	0403	C5.7			4333
02 Jan	0907	0914	0916	C1.8			4333
02 Jan	0916	0925	0937	C2.2			4333
02 Jan	1238	1249	1255	C1.7			4325
02 Jan	2048	2054	2058	C2.1			4324
03 Jan	0127	0137	0152	C2.9	SF	N25W11	4324
03 Jan	0606	0619	0637	C2.3			4324
03 Jan	0637	0643	0647	C2.5			4325
03 Jan	0741	0749	0755	C2.0			4325
03 Jan	1451	1458	1507	C2.4			4325
03 Jan	1723	1729	1732	C8.3	SN	S07W41	4325
03 Jan	1856	1909	1919	C1.7	SF	N26W22	4324
03 Jan	2026	2038	2045	C3.5	SF	N28W22	4324
03 Jan	2153	2153	2154		SF	S13W29	4325



Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
03 Jan	2215	2219	2224	C1.7			4325
04 Jan	1047	1055	1105	C1.6			4325
04 Jan	1522	1525	1527	C1.7			4324
04 Jan	1740	1821	1844	C1.9			4325
04 Jan	1959	2007	2013	C1.7			4325
04 Jan	2051	2101	2109	C2.9			4336



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 4312																
18 Dec	N18E62	48	60	1	Hax	1	A	1								
19 Dec	N19E51	51	40	2	Hsx	1	A	1								
20 Dec	N19E32	52	40	2	Hsx	1	A									
21 Dec	N18E20	51	40	2	Hsx	1	A									
22 Dec	N18E05	53	40	2	Hsx	1	A									
23 Dec	N17W09	53	40	2	Hsx	4	A									
24 Dec	N19W21	52	30	2	Hsx	1	A									
25 Dec	N19W34	52	20	2	Hsx	1	A									
26 Dec	N19W48	53	30	2	Hsx	1	A									
27 Dec	N19W61	53	30	2	Hsx	1	A									
28 Dec	N19W74	53	20	2	Hsx	1	A									
29 Dec	N19W88	53	plage													
									2	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 53

Region 4314															
20 Dec	N24E31	53	10	5	Bxo	4	B	1			1				
21 Dec	N24E18	53	plage												
22 Dec	N24E04	54	plage												
23 Dec	N24W10	54	plage												
24 Dec	N24W24	55	plage												
25 Dec	N24W38	56	plage												
26 Dec	N24W52	57	plage												
27 Dec	N24W66	58	plage												
28 Dec	N24W80	59	plage												
								1	0	0	1	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 54



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 4315															
20 Dec	N20E49	35	10	5	Bxo	2	B	2	1						
21 Dec	N19E35	36	10	3	Bxo	2	B	1			1				
22 Dec	N19E21	37	plage												
23 Dec	N21E07	37	10	1	Axx	1	A								
24 Dec	N21W07	38	plage												
25 Dec	N21W21	39	plage												
26 Dec	N21W35	40	plage												
27 Dec	N21W49	41	plage												
28 Dec	N21W63	42	plage												
29 Dec	N21W77	43	plage												
								3	1	0	1	0	0	0	0

Died on Disk.

Absolute heliographic longitude: 37

Region 4316

20 Dec	S00E40	44	40	3	Dao	4	B								
21 Dec	S08E26	45	50	7	Dri	12	B	8	1		7				
22 Dec	S08E10	48	130	8	Dai	12	BG	1							
23 Dec	S08W03	47	80	8	Cso	8	B	1							
24 Dec	S08W17	48	30	5	Cso	3	B								
25 Dec	S07W30	48	20	1	Hax	1	A								
26 Dec	S08W45	50	10	1	Hax	1	A								
27 Dec	S07W59	51	10	1	Hrx	1	A								
28 Dec	S07W72	51	10	1	Axx	1	A								
29 Dec	S07W87	52	plage												
								10	1	0	7	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 47



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 4317															
20 Dec	N13E73	11	50	5	Dao	2	B	2							
21 Dec	N11E64	11	120	6	Cao	15	B	2							
22 Dec	N11E51	8	240	11	Eai	10	B	3				1			
23 Dec	N10E35	9	260	12	Eki	15	BG	4							
24 Dec	N11E22	9	220	12	Eai	12	BG	2							
25 Dec	N12E09	9	240	12	Eai	12	B								
26 Dec	N11W06	11	230	12	Eai	9	B	2			2				
27 Dec	N12W21	13	250	11	Ekc	7	B	2							
28 Dec	N12W34	13	110	9	Dao	6	B		1			1			
29 Dec	N12W50	15	200	5	Cso	5	B	2			1				
30 Dec	N11W63	15	200	5	Dso	7	BG								
31 Dec	N11W76	15	160	6	Cao	5	B								
01 Jan	N11W90	16	30	2	Hsx	1	A	3							
								22	1	0	3	2	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 11

Region 4318

22 Dec	N05E54	4	60	6	Dao	6	B								
23 Dec	N05E41	3	50	6	Dao	6	B								
24 Dec	N05E28	3	10	6	Bxo	2	B								
25 Dec	N05E15	3	10	1	Axx	1	A								
26 Dec	N05W00	5	plage												
27 Dec	N05W15	7	plage								1				
28 Dec	N05W30	9	plage					1					1		
29 Dec	N05W45	10	plage												
30 Dec	N05W59	11	plage												
31 Dec	N05W73	12	plage												
01 Jan	N05W87	13	plage												
								1	0	0	1	0	1	0	0

Crossed West Limb.

Absolute heliographic longitude: 5



Region Summary - continued

	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 4319															
22 Dec	S08E66	351	10	1	Axx	1	A								
23 Dec	S09E52	352	10	1	Axx	1	A								
24 Dec	S09E40	351	30	8	Cro	3	B								
25 Dec	S09E27	351	30	6	Dro	4	B	1			1				
26 Dec	S10E15	350	30	9	Dro	8	B								
27 Dec	S09E01	351	30	9	Dro	10	B								
28 Dec	S12W12	351	10	5	Bxo	2	B								
29 Dec	S12W26	352	plage												
30 Dec	S12W40	352	plage												
31 Dec	S12W54	353	plage												
01 Jan	S12W68	354	plage												
02 Jan	S12W82	355	plage												
								1	0	0	1	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 351

Region 4320															
23 Dec	N06E68	336	30	1	Hsx	1	A								
24 Dec	N06E55	336	10	1	Axx	1	A								
25 Dec	N05E41	337	10	1	Axx	1	A								
26 Dec	N05E27	338	10	1	Axx	1	A								
27 Dec	N06E13	339	plage												
28 Dec	N06W02	341	plage												
29 Dec	N06W17	343	plage												
30 Dec	N06W31	343	plage												
31 Dec	N06W45	344	plage												
01 Jan	N06W59	345	plage												
02 Jan	N06W74	347	plage												
								0	0	0	0	0	0	0	0

Died on Disk.

Absolute heliographic longitude: 341



Region Summary - continued

	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 4321															
24 Dec	S10W08	39	80	4	Dai	11	BGD								
25 Dec	S10W23	41	200	5	Dai	10	BD	1							
26 Dec	S10W36	41	290	5	Dki	13	BD								
27 Dec	S10W50	42	380	7	Dkc	17	BGD	1							
28 Dec	S11W64	43	510	8	Dkc	16	BD	1							
29 Dec	S09W77	42	320	7	Dkc	6	BD	1							
30 Dec	S10W90	42	240	6	Dac	8	BD	1							
								5	0	0	0	0	0	0	0

Crossed West Limb.

Absolute heliographic longitude: 39

Region 4323															
25 Dec	S12E75	304	plage					1							
26 Dec	S12E61	304	10	1	Axx	1	A	5							
27 Dec	S14E65	287	20	1	Hax	1	A								
28 Dec	S14E53	286	20	2	Hsx	1	A								
29 Dec	S15E37	288	10	8	Bxi	10	B								
30 Dec	S16E26	286	10	3	Bxi	5	B								
31 Dec	S17E14	285	10	6	Axx	8	A								
01 Jan	S17W00	286	10	3	Bxo	3	B								
02 Jan	S17W14	287	30	3	Cro	6	B								
03 Jan	S17W28	288	140	7	Dai	20	B								
04 Jan	S15W44	290	190	7	Dso	3	B								
								6	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 286



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 4324															
26 Dec	N28E75	290	120	4	Dso	5	B								
27 Dec	N24E64	288	130	6	Dac	5	B	6				1			
28 Dec	N25E51	288	230	6	Dao	8	BG	4	1						
29 Dec	N25E37	288	230	8	Dao	13	BG	5				2	1		
30 Dec	N24E25	287	200	8	Dao	10	BG	1							
31 Dec	N24E11	288	200	8	Dai	15	B	4	1			1			
01 Jan	N24W02	288	170	5	Dai	13	BG	3							
02 Jan	N24W15	288	170	4	Dai	13	BD	1							
03 Jan	N24W28	288	70	5	Dai	10	B	4				3			
04 Jan	N26W40	286	70	2	Cso	3	B	1							
								29	2	0	7	1	0	0	0

Still on Disk.

Absolute heliographic longitude: 288

Region 4325

27 Dec	S09E58	294	100	7	Dao	8	B	1	1						
28 Dec	S09E44	295	70	7	Dao	4	B	2	1		1				
29 Dec	S09E31	295	200	10	Dai	8	BG	5	1		4				
30 Dec	S08E17	295	260	11	Eki	11	BG	6			3				
31 Dec	S08E04	295	280	12	Eki	15	BD	2							
01 Jan	S08W10	296	330	12	Eki	26	BG	6			3				
02 Jan	S08W24	297	330	13	Eki	26	BG	2							
03 Jan	S08W38	298	300	15	Eko	22	BG	5			2				
04 Jan	S08W51	297	300	17	Fko	7	BG	3							
								32	3	0	13	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 295

Region 4326

28 Dec	S03W34	13	0	3	Bxo	2	B								
29 Dec	S03W49	15	plage												
30 Dec	S03W63	15	plage												
31 Dec	S03W77	16	plage												
								0	0	0	0	0	0	0	0

Died on Disk.

Absolute heliographic longitude: 13



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 4327

28 Dec	S20W21	360	10	2	Bxo	2	B								
29 Dec	S21W35	360	plage												
30 Dec	S21W49	1	plage												
31 Dec	S21W63	2	plage												
01 Jan	S21W77	3	plage												
								0	0	0	0	0	0	0	0

Died on Disk.

Absolute heliographic longitude: 360

Region 4328

29 Dec	S14E23	302	30	2	Hrx	3	A								
30 Dec	S14E08	304	30	3	Cro	4	B								
31 Dec	S13W07	306	20	5	Cro	10	B								
01 Jan	S13W21	307	20	5	Cso	5	B								
02 Jan	S13W34	307	10	1	Axx	1	A								
03 Jan	S13W48	308	10	1	Axx	1	A								
04 Jan	S13W62	308	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 306

Region 4329

29 Dec	S12E49	276	10	1	Axx	1	A								
30 Dec	S12E35	277	10	1	Bxo	2	B								
31 Dec	S12E22	277	plage												
01 Jan	S12E08	278	plage												
02 Jan	S12W06	279	plage												
03 Jan	S12W20	280	plage												
04 Jan	S12W34	280	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 279



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 4330

29 Dec	S16E54	271	10	1	Axx	1	A								
30 Dec	S16E41	271	10	1	Axx	3	A	1			1				
31 Dec	S16E28	272	plage												
01 Jan	S16E14	272	plage												
02 Jan	S16W00	273	plage												
03 Jan	S16W14	274	plage												
04 Jan	S16W28	274	plage												
								1	0	0	1	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 273

Region 4331

29 Dec	S25E64	261	10	1	Hsx	1	A	1							
30 Dec	S25E50	262	20	1	Hrx	1	A								
31 Dec	S25E37	262	20	1	Hrx	1	A								
01 Jan	S25E24	262	10	1	Axx	1	A								
02 Jan	S25E10	263	plage												
03 Jan	S25W04	264	plage												
04 Jan	S25W18	264	plage												
								1	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 264

Region 4332

31 Dec	N14E31	268	10	3	Bxo	3	B								
01 Jan	N14E17	269	10	1	Axx	1	A								
02 Jan	N14E03	270	10	2	Bxo	2	B								
03 Jan	N14W11	271	plage												
04 Jan	N14W25	271	plage												
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 270

Region 4333

02 Jan	S11E03	270	20	4	Cro	5	BG	5							
03 Jan	S11W11	271	20	7	Cao	10	B								
04 Jan	S10W26	272	60	7	Dai	10	B								
								5	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 270



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 4334

02 Jan	S15E73	200	80	2	Hsx	1	A								
03 Jan	S15E59	201	100	2	Hsx	1	A								
04 Jan	S17E48	198	120	3	Hsx	2	A								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 198

Region 4335

03 Jan	S22E02	258	10	2	Hsx	2	A								
04 Jan	S22W12	258	10	1	Axx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 258

Region 4336

04 Jan	S09E77	169	60	2	Hsx	1	A	1							
								1	0	0	0	0	0	0	0

Still on Disk.

Absolute heliographic longitude: 169



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