Space Weather Highlights
06 January - 12 January 2025

SWPC PRF 2576
13 January 2025

Solar activity ranged from low to moderate levels. Region 3947 (N12, L=340, class/area=Ekc/370 on 08 Jan) produced the strongest event of the period, an M4.8 flare (R1-Minor) at 06/1624 UTC. Associated with the flare were Type II and Type IV radio sweeps. The CME produced originated from the W limb and no Earth-directed component was suspected. The only other region to produce an R1 event was 3737 (S17, L=083, class/area=Cso/130 on 02 Jan) with an M1.1 flare at 07/2305 UTC. No Earth-directed CMEs were identified in available coronagraph imagery.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached high levels on 06-09 Jan following influence from a positive polarity CH HSS. The remainder of the summary period was at normal to moderate levels.

Geomagnetic field activity ranged from quiet to active levels. Active levels on 06 Jan and 08-10 Jan were associated with weak positive polarity CH HSS influence. The remainder of the summary period was at quiet to unsettled levels.

Space Weather Outlook
13 January - 08 February 2025

Solar activity is expected to be at low levels, with a chance for M-class (R1-R2/Minor-Moderate) and slight chance for X-class events (R3/Strong), throughout the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is likely to reached high levels on 02-05 Feb due to recurrent CH HSS influence. The remainder of the outlook period is expected to be at normal to moderate levels.

Geomagnetic field activity is expected to range from quiet to G1 (Minor) geomagnetic storm levels. G1 conditions are likely on 31 Jan - 02 Feb due to the anticipated influence of a positive polarity CH HSS. Active conditions are likely on 13 Jan and 03-05 Feb. The remainder of the outlook period is expected to range from quiet to unsettled levels.

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
06 January	172	154	720	C1.2	11	3	0	9	2	0	0	0
07 January	168	113	540	C1.0	5	1	0	2	0	0	0	0
08 January	160	113	540	B8.5	7	0	0	4	0	0	0	0
09 January	162	126	600	B9.5	6	1	0	0	0	0	0	0
10 January	157	105	650	B9.1	6	1	0	5	1	0	0	0
11 January	156	85	580	B8.6	4	0	0	0	0	0	0	0
12 January	158	99	765	B9.9	3	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
06 January	1.9e+06	9.6e+04	5.8e+07
07 January	7.1e+05	2.6e+04	8.9e+07
08 January	3.4e+05	1.7e+04	6.8e+07
09 January	1.5e+05	1.5e+04	4.1e+07
10 January	7.6e+04	1.5e+04	3.9e+06
11 January	4.2e+04	1.5e+04	4.6e+06
12 January	1.4e+05	1.5e+04	1.1e+07

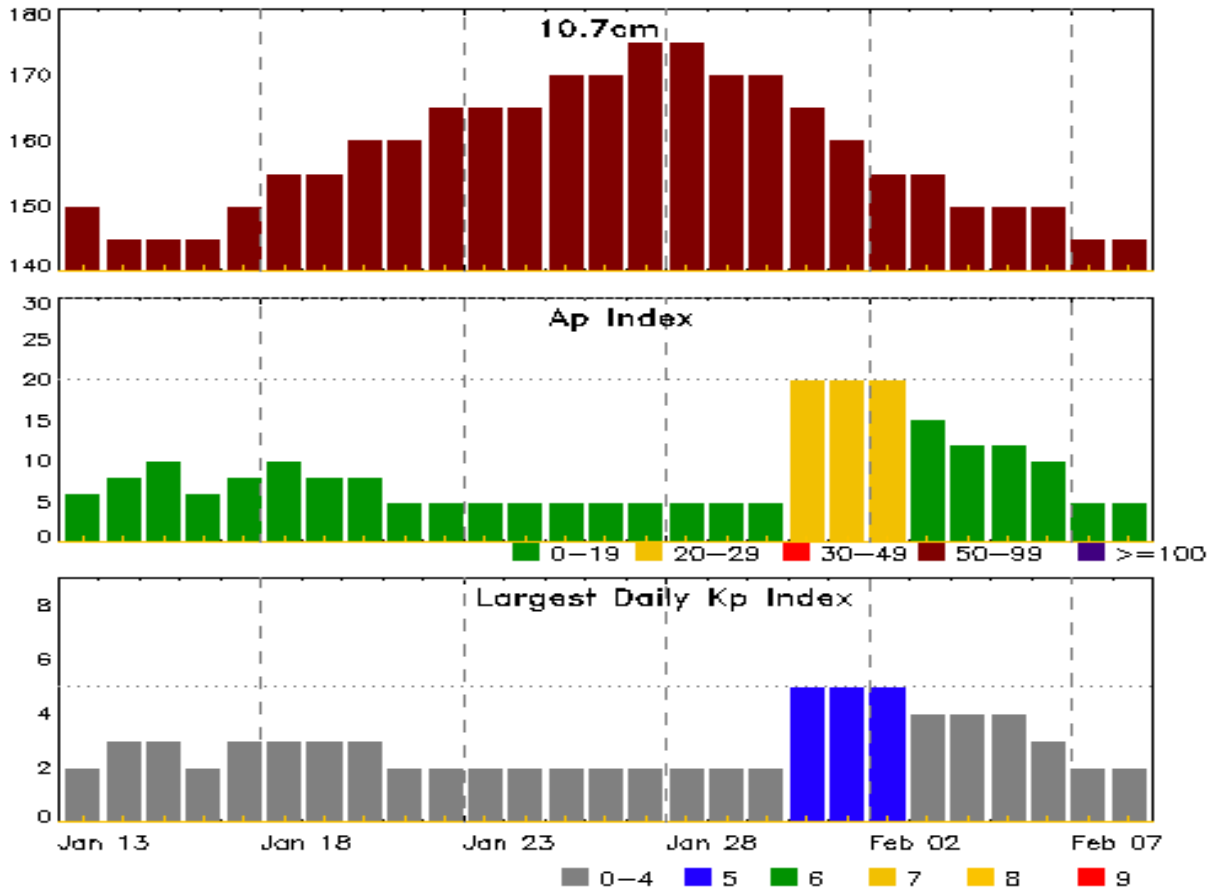
Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
06 January	13	3-4-3-2-3-2-2-2	20	2-2-3-5-5-4-2-1	15	3-4-3-3-3-3-2-2
07 January	8	1-2-2-2-2-3-2-2	24	1-2-6-5-3-4-2-2	12	2-3-3-3-2-3-3-2
08 January	6	3-2-1-1-1-2-2-1	6	2-1-1-0-4-2-1-0	8	4-2-2-1-2-2-1-1
09 January	9	1-0-2-3-4-2-2-2	18	0-0-2-5-5-4-2-1	10	2-1-2-3-4-3-2-2
10 January	11	2-3-1-3-3-2-2-3	18	0-3-2-5-5-3-2-2	12	1-3-2-3-3-2-3-4
11 January	5	2-0-0-1-2-3-2-1	7	2-0-0-3-3-3-2-0	7	3-1-1-2-2-3-2-1
12 January	6	1-2-2-1-2-2-1-2	7	0-1-2-4-3-1-1-0	5	1-2-2-2-2-1-2-2

Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
06 Jan 0503	WARNING: Geomagnetic K = 4	06/0503 - 1200
06 Jan 0559	ALERT: Geomagnetic K = 4	
06 Jan 1442	ALERT: Electron 2MeV Integral Flux >= 1000pfu	06/1430
06 Jan 1651	ALERT: Type II Radio Emission	06/1621
06 Jan 1705	ALERT: Type IV Radio Emission	06/1628
07 Jan 1152	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	06/1430
07 Jan 1640	WARNING: Geomagnetic K = 4	07/1639 - 2100
08 Jan 0221	WARNING: Geomagnetic K = 4	08/0220 - 0900
08 Jan 0237	ALERT: Geomagnetic K = 4	
08 Jan 1245	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	06/1430
09 Jan 1052	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	06/1430
09 Jan 1324	WARNING: Geomagnetic K = 4	09/1325 - 2100
09 Jan 1419	ALERT: Geomagnetic K = 4	
10 Jan 0408	WARNING: Geomagnetic K = 4	10/0408 - 1200
10 Jan 2246	WARNING: Geomagnetic K = 4	10/2245 - 2359
10 Jan 2248	ALERT: Geomagnetic K = 4	

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
13 Jan	150	6	2	27 Jan	175	5	2
14	145	8	3	28	175	5	2
15	145	10	3	29	170	5	2
16	145	6	2	30	170	5	2
17	150	8	3	31	165	20	5
18	155	10	3	01 Feb	160	20	5
19	155	8	3	02	155	20	5
20	160	8	3	03	155	15	4
21	160	5	2	04	150	12	4
22	165	5	2	05	150	12	4
23	165	5	2	06	150	10	3
24	165	5	2	07	145	5	2
25	170	5	2	08	145	5	2
26	170	5	2				

Energetic Events

	Time			X-ray		Optical Information			Peak Radio Flux		Sweep Freq Intensity	
Date	Begin	Max	Half Max	Class	Integ Flux	Imp/ Brtns	Location Lat CMD	Rgn #	245	2695	II	IV
06 Jan	0129	0152	0208	M3.1	0.027	1N	N11E30	3947				
06 Jan	0336	0350	0354	M1.4	0.007	1F	N11E31	3947				
06 Jan	1612	1624	1630	M4.8	0.003			3947	5300		2	1
07 Jan	2235	2305	2342	M1.1	0.032			3939				
09 Jan	0018	0026	0033	M1.1	0.005			3947				
10 Jan	2229	2246	2253	M0.9	0.006	SN	N12W32	3947				

Flare List

	Time			Optical			
Date	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
06 Jan	0100	0107	0115	C3.2	SF	N11E32	3947
06 Jan	0129	0152	0208	M3.1	1N	N11E30	3947
06 Jan	0232	0240	0246		SF	N11E28	3947
06 Jan	0252	0256	0308	C5.3	SF	N11E30	3947
06 Jan	0336	0350	0354	M1.4	1F	N11E31	3947
06 Jan	0608	0624	0654	C4.9	SF	N11E31	3947
06 Jan	0659	0702	0706	C5.3	SF	N11E28	3947
06 Jan	0742	0751	0757	C3.2	SF	S10E02	3945
06 Jan	0843	0851	0855	C2.1	SF	N11E28	3947
06 Jan	0936	0943	0947	C4.3	SF	N12E28	3947
06 Jan	0948	0958	1011	C6.6	SF	N12E28	3947
06 Jan	1324	1328	1338	C2.0			3947
06 Jan	1612	1624	1630	M4.8			3947
06 Jan	1658	1714	1731	C9.0			3947
06 Jan	2158	2210	2238	C2.7			3941
07 Jan	0038	0046	0103	C2.3			3947
07 Jan	0600	0609	0615	C2.8	SF	N10E20	3947
07 Jan	0919	0931	0955	C2.5	SF	S15W08	3951
07 Jan	1737	1742	1746	C1.4			3947
07 Jan	2117	2128	2136	C3.2			3945
07 Jan	2235	2305	2342	M1.1			3939
08 Jan	0353	0403	0409	C3.8	SF	S07W18	3945
08 Jan	0601	0604	0609	C1.9			3947
08 Jan	0629	0637	0641	C9.8			3950
08 Jan	0824	0829	0849		SF	N11E05	3947

Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
08 Jan	0853	0904	0927	C2.4	SF	S16W22	3951
08 Jan	0957	1005	1012	C2.3	SF	N12W03	3947
08 Jan	1505	1512	1519	C2.1			3950
08 Jan	2054	2059	2103	C1.8			3947
09 Jan	0018	0026	0033	M1.1			3947
09 Jan	0428	0438	0447	C1.6			3947
09 Jan	0505	0512	0913	C1.7			3947
09 Jan	0913	0920	0930	C1.2			
09 Jan	1018	1058	1113	C3.9			3947
09 Jan	1113	1119	1123	C4.1			3947
09 Jan	2132	2140	2147	C5.0			3947
10 Jan	0100	0111	0117	C4.8			3947
10 Jan	B0128	0128	0133		1N	N11W18	3947
10 Jan	0540	0549	0600	C1.7			3945
10 Jan	0655	0705	0713	C2.7			3947
10 Jan	0659	0700	0711		SF	N10W18	3947
10 Jan	0730	0737	0742	C3.6	SF	N12W21	3947
10 Jan	0924	0942	0950	C6.1	SF	S15W49	3951
10 Jan	1814	1824	1831	C2.7	SF	N11W30	3947
10 Jan	2229	2246	2253	M0.9	SN	N12W32	3947
11 Jan	0309	0313	0320	C1.3			
11 Jan	0320	0327	0334	C1.2			3956
11 Jan	0835	0844	0902	C2.8			3948
11 Jan	1427	1437	1449	C1.7			3947
12 Jan	1200	1205	1216	C1.9			3951
12 Jan	1730	1739	1752	C1.6			
12 Jan	2203	2208	2216	C4.3			

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 3939												
25 Dec	S17E74	82	30	3	Cso	2	B								
26 Dec	S17E60	83	40	4	Hsx	1	A								
27 Dec	S17E45	84	80	2	Hsx	2	A	1							
28 Dec	S17E34	82	110	5	Dso	6	B	1			1				
29 Dec	S17E20	83	120	7	Dso	14	B		4		5	1			
30 Dec	S17E06	84	110	7	Dac	12	B	1	2		4	2			
31 Dec	S17W07	84	130	7	Dac	14	BD				2				
01 Jan	S17W20	84	130	7	Cai	9	BG					1			
02 Jan	S17W33	83	130	5	Cso	10	B		1		2	1			
03 Jan	S17W47	84	120	5	Cso	8	B				1				
04 Jan	S17W61	85	90	2	Hsx		A	2							
05 Jan	S17W74	85	80	2	Hsx	2	A								
06 Jan	S17W92	90	60	2	Hsx	1	A								
								5	7	0	15	5	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 84

			Region 3940												
27 Dec	S05E38	91	5	1	Axx	1	A				1				
28 Dec	S06E38	78	10	1	Axx	1	A				1				
29 Dec	S06E24	80	plage						2		3				
30 Dec	S06E10	80	plage						1		2				
31 Dec	S06W04	81	plage												
01 Jan	S06W18	82	plage												
02 Jan	S06W33	83	plage												
03 Jan	S06W47	84	plage												
04 Jan	S06W62	86	plage												
05 Jan	S06W76	87	plage												
								0	3	0	7	0	0	0	0

Died on Disk.
Absolute heliographic longitude: 81

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 3941												
27 Dec	S05E50	79	20	2	Hax	2	A								
28 Dec	S06E37	79	20	5	Bxo	2	B								
29 Dec	S06E26	77	70	9	Dai	16	BG								
30 Dec	S06E14	76	70	11	Eac	13	BD				2				
31 Dec	S06W00	77	80	11	Cai	10	B								
01 Jan	S06W13	77	80	13	Cai	10	B								
02 Jan	S06W26	76	80	11	Cso	7	B								
03 Jan	S05W40	77	80	11	Cso	6	B								
04 Jan	S04W53	77	90	10	Dso	3	B	1							
05 Jan	S06W67	78	50	10	Dso	2	B	1							
06 Jan	S06W81	79	60	10	Dso	3	B	1							
								3	0	0	2	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 77

			Region 3942												
29 Dec	S13E54	49	10	1	Axx	1	A								
30 Dec	S13E40	50	10	1	Axx	1	A								
31 Dec	S13E26	51	plage												
01 Jan	S13E12	52	plage												
02 Jan	S13W02	52	plage												
03 Jan	S13W16	53	plage												
04 Jan	S13W30	54	plage												
05 Jan	S13W44	55	plage												
06 Jan	S13W58	56	plage												
07 Jan	S13W72	57	plage												
08 Jan	S13W86	57	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 52

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 3943												
30 Dec	S15E73	17	40	3	Hax	1	A								
31 Dec	S15E62	15	90	8	Dao	6	B								
01 Jan	S15E48	16	90	7	Cao	6	B	1			1				
02 Jan	S16E35	15	130	7	Dao	7	B								
03 Jan	S15E21	16	130	8	Dao	13	BG								
04 Jan	S17E08	16	80	11	Eso	14	BG	2			1				
05 Jan	S16W06	16	60	7	Hsx	5	A	1			1				
06 Jan	S16W21	19	50	4	Cso	4	B								
07 Jan	S17W33	18	40	1	Hsx	1	A								
08 Jan	S17W47	18	30	4	Cso	2	B								
09 Jan	S16W59	17	30	1	Hsx	2	A								
10 Jan	S16W73	18	plage												
11 Jan	S16W87	19	plage												
								4	0	0	3	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 16

			Region 3944												
31 Dec	S14E33	44	140	7	Dao	4	BG								
01 Jan	S14E19	45	170	8	Dai	9	B								
02 Jan	S14E06	44	220	8	Dai	12	B								
03 Jan	S13W08	45	200	8	Dao	14	B								
04 Jan	S13W22	46	140	7	Dao	13	B								
05 Jan	S14W35	46	100	7	Dao	12	B								
06 Jan	S14W48	46	70	7	Dao	8	B								
07 Jan	S15W61	46	20	6	Cro	2	B								
08 Jan	S13W73	44	10	4	Bxo	2	B								
09 Jan	S13W87	45	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 44

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 3945												
01 Jan	S10E60	4	170	11	Eai	6	B	1			2				
02 Jan	S09E46	4	310	12	Eki	12	BG				1				
03 Jan	S10E33	4	350	9	Dki	15	BG								
04 Jan	S10E19	5	160	9	Dai	16	BG								
05 Jan	S09E05	6	80	8	Cai	12	B								
06 Jan	S09W10	8	80	3	Cai	5	B	1			1				
07 Jan	S09W23	6	40	2	Cao	6	B	1							
08 Jan	S10W37	8	30	3	Cro	6	B	1			1				
09 Jan	S10W49	7	20	2	Cro	4	B								
10 Jan	S07W59	6	20	4	Bxo	2	B	1							
11 Jan	S07W73	352	plage												
12 Jan	S07W86	5	plage												
								6	0	0	5	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 6

			Region 3946												
01 Jan	S12W40	103	40	2	Dao	4	B								
02 Jan	S12W53	103	160	3	Dao	6	B								
03 Jan	S11W67	104	120	5	Dao	4	B								
04 Jan	S10W81	105	120	5	Dao	4	B								
05 Jan	S10W95	106	120	5	Dao	4	B								
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 103

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 3947												
02 Jan	N10E71	339	100	5	Dao	4	BG	3			1				
03 Jan	N11E57	340	240	5	Dac	8	BD	4	3	2	2	3			
04 Jan	N10E42	342	310	6	Dkc	10	BGD	4	3	1	6	2			
05 Jan	N11E29	342	230	11	Eac	12	BGD	2	4		8		2		
06 Jan	N11E17	341	290	12	Ehc	17	BGD	9	3		8	2			
07 Jan	N12E03	342	360	12	Eki	19	BGD	3			1				
08 Jan	N12W09	340	370	13	Ekc	12	BGD	3			2				
09 Jan	N12W22	340	320	13	Ekc	23	BG	5	1						
10 Jan	N13W37	342	250	10	Dko	15	BG	4	1		4	1			
11 Jan	N11W50	341	250	11	Dao	11	BG	1							
12 Jan	N11W63	342	240	9	Dao	7	BG								
								38	15	3	32	8	2	0	0

Still on Disk.
Absolute heliographic longitude: 342

			Region 3948												
02 Jan	N23E36	14	10	1	Axx	1	A								
03 Jan	N16E33	4	10	2	Bxo	2	B								
04 Jan	N16E19	5	5	1	Axx	1	A								
05 Jan	N16E05	6	10	2	Bxo	1	B								
06 Jan	N16W09	7	10	4	Bxo	2	B								
07 Jan	N16W23	8	10	4	Bxo	2	B								
08 Jan	N17W40	11	10	1	Axx	1	A								
09 Jan	N16W54	12	10	1	Axx	1	A								
10 Jan	N15W67	12	10	1	Hsx	1	A								
11 Jan	N14W80	12	10	1	Axx	1	A	1							
12 Jan	N14W94	13	plage												
								1	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 6

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 3949												
03 Jan	S09W23	60	10	3	Bxo	6	B								
04 Jan	S08W37	61	40	4	Cso	5	B								
05 Jan	S07W51	62	30	4	Cro	2	B	1							
06 Jan	S09W62	60	10	1	Axx	1	A								
07 Jan	S09W76	61	plage												
08 Jan	S09W90	61	plage												
								1	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 60

			Region 3950												
04 Jan	S18E64	320	100	2	Hsx	1	A								
05 Jan	S18E49	322	40	1	Hsx	1	A								
06 Jan	S18E36	322	60	1	Hsx	1	A								
07 Jan	S18E22	323	40	1	Hsx	1	A								
08 Jan	S18E09	322	70	3	Cso	3	B	2							
09 Jan	S18W05	323	60	3	Cso	3	B								
10 Jan	S15W18	323	40	3	Cso	3	B								
11 Jan	S15W32	324	20	1	Hax	1	A								
12 Jan	S18W45	324	10	1	Axx	2	A								
								2	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 323

			Region 3951												
04 Jan	S14E25	359	50	1	Hsx	1	A								
05 Jan	S13E11	360	20	1	Hrx	2	A								
06 Jan	S14W01	359	20	2	Hrx	1	A								
07 Jan	S13W15	359	20	1	Hsx	1	A	1			1				
08 Jan	S13W28	359	plage					1			1				
09 Jan	S15W41	359	40	4	Bxo	3	B								
10 Jan	S15W54	359	plage					1			1				
11 Jan	S15W68	360	plage												
12 Jan	S15W82	1	plage					1							
								4	0	0	3	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 359

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 3952												
04 Jan	N19W01	25	10	3	Bxo	2	B								
05 Jan	N18W15	26	10	4	Axx	3	A								
06 Jan	N19W26	24	10	1	Axx	1	A								
07 Jan	N19W41	26	10	1	Axx	1	A								
08 Jan	N19W57	28	10	1	Axx	1	A								
09 Jan	N19W70	28	plage												
10 Jan	N19W84	29	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 25

			Region 3953												
08 Jan	N20W18	348	10	5	Bxi	6	B								
09 Jan	N20W32	350	90	5	Cri	6	B								
10 Jan	N22W46	351	90	6	Dao	5	B								
11 Jan	N22W61	353	90	6	Dso	6	B								
12 Jan	N22W73	352	90	7	Dso	3	B								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 348

			Region 3954												
09 Jan	N24W58	16	30	6	Cso	4	B								
10 Jan	N25W69	14	plage												
11 Jan	N25W83	15	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 16

			Region 3955												
10 Jan	S29W52	357	20	3	Bxo	2	B								
11 Jan	S30W65	357	10	1	Axx	1	A								
12 Jan	S30W79	358	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 357

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 3956												
10 Jan	N10E25	280	220	6	Dao	7	B								
11 Jan	N10E11	281	200	6	Dao	5	B	1							
12 Jan	N06W02	281	250	8	Dao	12	B								
								1	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 281

			Region 3957												
12 Jan	N21W40	319	20	4	Bxo	3	B								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 319

			Region 3958												
12 Jan	S06E49	230	5	1	Axx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 230

			Region 3959												
12 Jan	N19E72	207	150	3	Hsx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 207

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Notice: The 27-day Outlook, Satellite Environment, X-ray and Proton plots have been redesigned. Comments and suggestions are welcome SWPC.Webmaster@noaa.gov

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