Space Weather Highlights
11 August - 17 August 2025

SWPC PRF 2607
18 August 2025

Solar activity reached moderate levels on 11-12 Aug due to M-class (R1-Minor) flare activity observed. Region 4173 (S18, L=110, class/area=Dro/20 on 10 Aug) produced an M1.3 flare at 11/0352 UTC, while Region 4168 (N05, L=103, class/area=Eki/350 on 08 Aug) produced M1 flares at 11/1435, 11/1536, 12/0059, and 12/0123 UTC. Low levels of solar activity were observed over 13-17 Aug. No Earth-directed CMEs resulted from the activity observed over the past week.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached high levels on 11-17 Aug.

Geomagnetic field activity reached active levels on 11-13 Aug, with quiet to unsettled levels observed on 14-15 Aug, due to positive polarity CH HSS influence. Quiet conditions prevailed over 16-17 Aug with the return of nominal solar wind conditions.

Space Weather Outlook
18 August - 13 September 2025

Solar activity is expected to be at low levels, with a varying chance for M-class flares (R1-R2/Minor-Moderate events), through 13 Sep.

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 21-22, 27-28 Aug, and 04-13 Sep.

Geomagnetic field activity is likely to reach G1 (Minor) storm levels on 19 Aug, and active levels on 20 Aug, due to negative polarity CH HSS influence. Active conditions are likely again on 28 Aug due to negative polarity CH HSS influence. Periods of G1-G2 (Minor-Moderate) storming are likely on 05 Sep, with active conditions likely on 04 and 06 Sep, due to positive polarity CH HSS influence. The remainder of the period is expected to be at quiet or 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
11 August	146	157	760	C2.8	14	3	0	6	0	0	0	0
12 August	152	152	680	C1.8	15	2	0	4	0	0	0	0
13 August	140	157	630	C1.0	12	0	0	8	0	0	0	0
14 August	130	170	480	B6.4	7	0	0	7	0	0	0	0
15 August	123	168	440	B5.9	12	0	0	4	0	0	0	0
16 August	122	123	390	B5.8	3	0	0	0	0	0	0	0
17 August	117	53	100	B6.7	9	0	0	2	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
11 August	5.0e+05	1.9e+04	2.1e+08
12 August	6.7e+04	1.8e+04	1.1e+08
13 August	1.4e+05	1.9e+04	2.4e+08
14 August	9.0e+04	1.7e+04	1.2e+08
15 August	5.0e+04	1.6e+04	1.5e+08
16 August	8.2e+04	1.6e+04	3.6e+08
17 August	3.6e+05	1.6e+04	2.7e+08

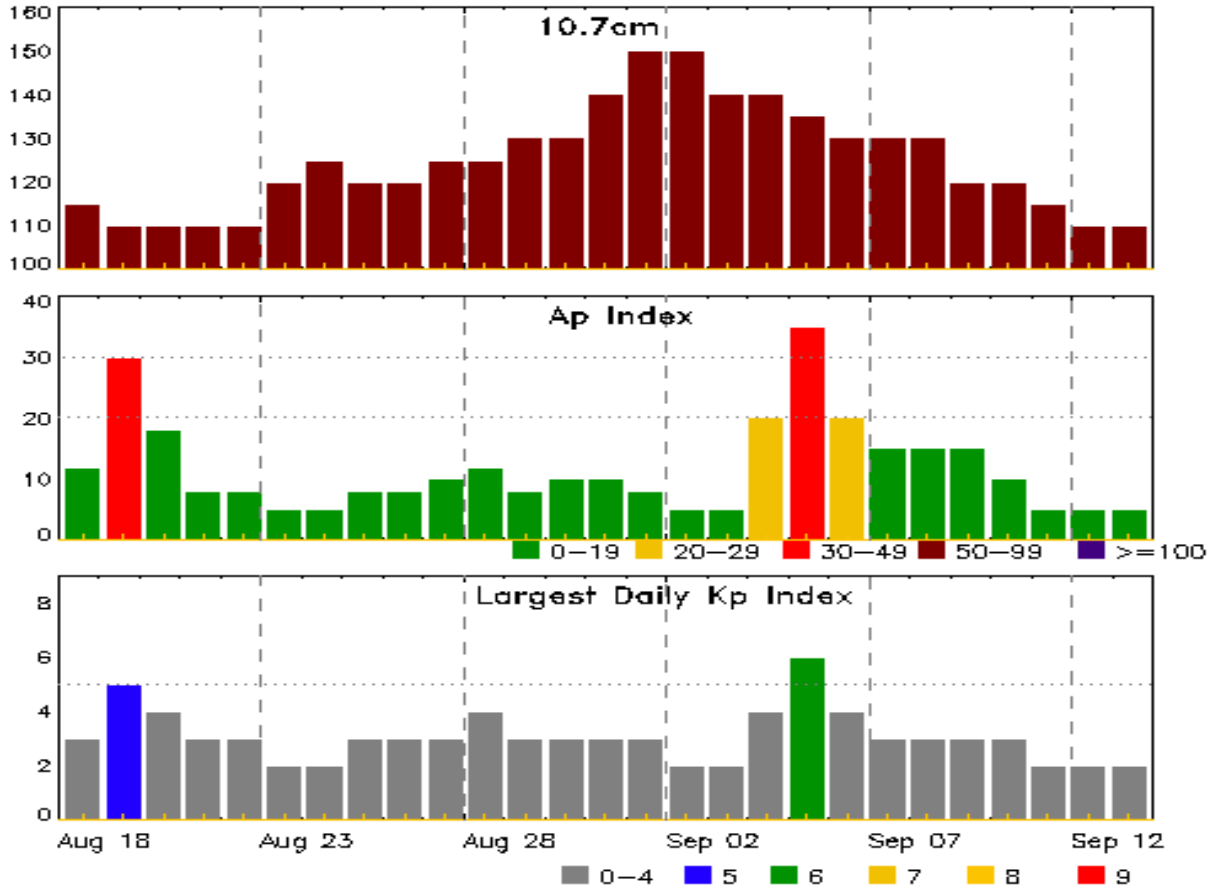
Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
11 August	17	4-3-2-3-4-4-2-2	44	4-3-6-6-6-5-3-2	17	4-2-3-3-3-4-3-3
12 August	12	3-3-2-3-3-2-2-3	23	4-4-3-5-3-4-2-3	14	4-3-2-3-3-2-3-3
13 August	17	3-3-3-4-4-2-3-3	37	3-3-5-6-6-4-3-3	15	3-3-3-3-3-3-3-4
14 August	13	3-2-3-4-3-2-2-2	41	3-4-7-6-5-2-2-2	11	3-2-3-3-2-2-2-2
15 August	10	3-3-3-3-2-1-2-1	13	3-3-4-4-1-2-1-1	7	3-2-2-2-1-1-2-1
16 August	6	1-2-1-3-2-2-1-1	5	1-1-1-3-0-2-1-1	6	1-2-1-2-1-2-1-2
17 August	7	0-2-3-3-3-1-1-0	6	1-2-2-2-4-0-0-0	5	1-1-2-2-2-1-0-0

Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
11 Aug 0539	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145
11 Aug 1111	EXTENDED WARNING: Geomagnetic K = 4	08/1415 - 12/0300
12 Aug 0144	EXTENDED WARNING: Geomagnetic K = 4	08/1415 - 12/1200
12 Aug 0803	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145
12 Aug 1113	EXTENDED WARNING: Geomagnetic K = 4	08/1415 - 12/1500
12 Aug 1406	EXTENDED WARNING: Geomagnetic K = 4	08/1415 - 13/0000
12 Aug 2354	EXTENDED WARNING: Geomagnetic K = 4	08/1415 - 13/0600
13 Aug 0517	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145
13 Aug 2149	WARNING: Geomagnetic K = 4	13/2149 - 14/0300
14 Aug 0231	EXTENDED WARNING: Geomagnetic K = 4	13/2149 - 14/1200
14 Aug 1151	EXTENDED WARNING: Geomagnetic K = 4	13/2149 - 14/1500
14 Aug 1211	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145
15 Aug 0857	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145
16 Aug 0833	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145
16 Aug 1206	ALERT: Type II Radio Emission	16/1048
16 Aug 1601	WATCH: Geomagnetic Storm Category G1 predicted	
17 Aug 0827	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	10/1145

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
18 Aug	115	12	3	01 Sep	150	8	3
19	110	30	5	02	150	5	2
20	110	18	4	03	140	5	2
21	110	8	3	04	140	20	4
22	110	8	3	05	135	35	6
23	120	5	2	06	130	20	4
24	125	5	2	07	130	15	3
25	120	8	3	08	130	15	3
26	120	8	3	09	120	15	3
27	125	10	3	10	120	10	3
28	125	12	4	11	115	5	2
29	130	8	3	12	110	5	2
30	130	10	3	13	110	5	2
31	140	10	3				

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
11 Aug	0342	0352	0359	M1.3	0.010				4173			
11 Aug	1420	1435	1457	M1.5	0.024	SF	N02W86		4168			
11 Aug	1518	1536	1551	M1.6	0.026				4168			
12 Aug	0042	0059	0118	M1.5	0.027							
12 Aug	0118	0123	0127	M1.8	0.010							

Flare List

	Time				Optical		
Date	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
11 Aug	0301	0305	0308	C9.9			4168
11 Aug	0342	0352	0359	M1.3			4173
11 Aug	0449	0449	0452		SF	S10E63	4179
11 Aug	0526	0535	0545	C7.3			4168
11 Aug	0601	0610	0615	C7.5			4173
11 Aug	0834	0843	0902	C8.9			4168
11 Aug	0839	0839	0840		SF	N03W84	4168
11 Aug	0902	0911	0914	C6.1			4173
11 Aug	1025	1037	1051	C6.1			4168
11 Aug	1051	1054	1056	C7.6			4168
11 Aug	1052	1053	1057		SF	N02W86	4168
11 Aug	1138	1145	1147	C7.9			4174
11 Aug	1224	1239	1257	C7.2			4168
11 Aug	1340	1346	1349	C3.2			4168
11 Aug	1349	1356	1400	C5.9			4168
11 Aug	1353	1356	1358		SF	N04W83	4168
11 Aug	1420	1435	1457	M1.5	SF	N02W86	4168
11 Aug	1518	1536	1551	M1.6			4168
11 Aug	1914	1917	1921		SF	N08W15	4172
11 Aug	2017	2026	2041	C5.5			
11 Aug	2128	2135	2143	C3.9			
11 Aug	2348	2356	0000	C4.5			
12 Aug	0000	0008	0011	C4.4			
12 Aug	0030	0034	0038	C4.1			
12 Aug	0042	0059	0118	M1.5			
12 Aug	0118	0123	0127	M1.8			

Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
12 Aug	0332	0338	0342	C7.7			
12 Aug	0358	0405	0413	C3.3			
12 Aug	0413	0420	0423	C5.1			
12 Aug	0423	0429	0433	C5.8			
12 Aug	0500	0511	0522	C3.7			
12 Aug	0620	0621	0623		SF	N08W19	4172
12 Aug	0632	0641	0654	C4.3			
12 Aug	1147	1153	1155	C7.7			
12 Aug	1203	1218	1239	C6.1			
12 Aug	1251	1255	1258	C5.0	SF	N07W29	4172
12 Aug	1613	1624	1637	C4.0	SF	N07W29	4172
12 Aug	1753	1753	1759		SF	N10W55	4178
12 Aug	1809	1843	1909	C8.3			4172
12 Aug	2132	2135	2137	C2.1			4178
12 Aug	2249	2253	2256	C2.4			
13 Aug	0129	0142	0144	C2.9	SF	N10W61	4178
13 Aug	0323	0330	0332	C2.3	SF	N10W61	4178
13 Aug	0345	0345	0347		SF	N10W62	4178
13 Aug	0426	0435	0439	C2.1	SF	N10W62	4178
13 Aug	1017	1021	1030	C1.7			4172
13 Aug	1030	1039	1043	C1.8			4180
13 Aug	1322	1324	1329		SF	N08W70	4178
13 Aug	1428	1435	1446	C1.8			
13 Aug	1440	1441	1443	C2.6	SF	N07W44	4172
13 Aug	1538	1542	1558	C1.7			
13 Aug	1558	1601	1604	C1.5			
13 Aug	1748	1751	1755	C1.8	SF	N09W41	4172
13 Aug	1811	1819	1825	C3.2	SF	N05W42	4172
13 Aug	1957	2003	2005	C4.1			4172
14 Aug	0137	0147	0153	C1.7			4172
14 Aug	0231	0243	0255	C2.9			4178
14 Aug	0513	0519	0524	C1.2			4178
14 Aug	0551	0604	0616	C2.9			4178
14 Aug	0903	0911	0917	C1.0			4178
14 Aug	1300	1303	1305	C1.0			4172
14 Aug	1433	1448	1506	C1.3	SF	N07W51	4172
14 Aug	1809	1813	1814		SF	N08W67	4172
14 Aug	1900	1909	1915		SF	N07W57	4172

Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
14 Aug	2046	2108	2157		SF	N08W58	4172
14 Aug	2205	2208	2211		SF	N08W58	4172
14 Aug	2213	2237	2247		SF	N08W58	4172
14 Aug	2350	2350	2352		SF	N09W61	4172
15 Aug	0256	0306	0324	C1.3			4180
15 Aug	0601	0606	0612	C1.3	SF	N09W65	4172
15 Aug	0612	0616	0618	C1.2			4172
15 Aug	0852	0901	0914	C1.6	SF	N09W64	4172
15 Aug	0931	0941	0947	C1.8			4172
15 Aug	1021	1037	1050	C6.8			4172
15 Aug	B1021	U1021	A1024		SF	N09W64	4172
15 Aug	1135	1145	1149	C2.2			4172
15 Aug	1237	1245	1248	C2.1			4172
15 Aug	1502	1510	1520	B8.6			
15 Aug	1639	1644	1649	B7.9			4172
15 Aug	1843	1857	1922	C1.6			4172
15 Aug	1950	1954	1956	C1.0			4179
15 Aug	2040	2046	2053	C1.1			4178
15 Aug	2111	2122	2126	C7.7	SF	N06W72	4172
16 Aug	0221	0231	0244	B9.9			4172
16 Aug	0244	0250	0252	B9.4			4172
16 Aug	0612	0623	0634	C1.2			4172
16 Aug	1815	1826	1843	C1.4			4180
16 Aug	2049	2100	2109	C3.2			4172
17 Aug	0111	0126	0144	C1.6			4172
17 Aug	0310	0315	0320	C2.0			4172
17 Aug	0401	0411	0416	C1.8	SF	S03E01	4180
17 Aug	0451	0459	0505	C3.6			4172
17 Aug	0555	0605	0611	C1.0			4172
17 Aug	0649	0705	0716	C1.7			4172
17 Aug	0736	0741	0744	C1.4			4172
17 Aug	0801	0806	0809	C1.0			4172
17 Aug	1948	1958	2002	C3.3	SF	S02W12	4180

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 4165												
30 Jul	N12E72	99	80	6	Cao	2	B	1							
31 Jul	N12E58	100	80	6	Cso	2	B								
01 Aug	N12E45	104	100	7	Cso	4	B								
02 Aug	N12E31	100	210	2	Hsx	4	A								
03 Aug	N12E16	102	170	2	Cso	4	B								
04 Aug	N12E04	100	110	3	Hax	2	A								
05 Aug	N12W09	101	220	4	Dso	8	B								
06 Aug	N12W23	101	230	3	Dao	6	B								
07 Aug	N12W37	102	100	4	Cao	8	B								
08 Aug	N11W51	103	150	3	Hsx	2	A								
09 Aug	N11W64	103	90	2	Hsx	3	A								
10 Aug	N12W76	102	120	2	Hsx	2	A								
11 Aug	N11W92	104	120	2	Hsx	1	A								
								1	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 100

			Region 4168												
02 Aug	N06E29	102	60	5	Cai	7	BG	1			2				
03 Aug	N05E15	103	60	7	Dai	15	BGD	7	1		2	1			
04 Aug	N05E03	100	90	11	Eac	13	BGD	4	2		6	1			
05 Aug	N06W09	101	170	9	Dac	21	BGD	6	2		6	3			
06 Aug	N05W23	101	250	11	Ekc	22	BGD	9	1		25	1			
07 Aug	N05W37	102	260	11	Eki	23	BGD	3	2		10	3			
08 Aug	N05W51	103	350	11	Eki	17	BGD	5	2		9	1			
09 Aug	N05W64	103	320	11	Eko	11	BG	9	2		8	1			
10 Aug	N05W78	104	220	11	Eao	5	BG	2	3		3				
11 Aug	N05W94	106	70	2	Dao	3	B	8	2		4				
								54	17	0	75	11	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 100

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 4169												
04 Aug	N22E66	37	80	6	Cao	4	B								
05 Aug	N23E55	37	70	3	Cao	4	B				1				
06 Aug	N23E46	32	80	2	Cao	3	B	1			2				
07 Aug	N22E32	33	70	3	Cao	4	B	1			2				
08 Aug	N23E18	34	110	3	Cso	7	B								
09 Aug	N12E04	35	80	2	Hsx	2	A								
10 Aug	N23W08	34	80	2	Hsx	2	A								
11 Aug	N21W21	33	60	2	Hax	2	A								
12 Aug	N21W35	34	40	2	Hax	3	A								
13 Aug	N23W48	34	50	2	Hsx	2	A								
14 Aug	N23W59	32	30	1	Hsx	1	A								
15 Aug	N22W72	31	40	1	Hsx	1	A								
16 Aug	N22W84	30	30	1	Hsx	1	A								
								2	0	0	5	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 35

			Region 4171												
06 Aug	N19E65	13	50	1	Hsx	1	A								
07 Aug	N19E51	14	40	2	Hsx	1	A								
08 Aug	N18E37	15	30	2	Hsx	1	A								
09 Aug	N19E26	13	20	1	Hsx	1	A								
10 Aug	N19E12	14	40	1	Hsx	1	A								
11 Aug	N19W01	13	40	1	Hsx	1	A								
12 Aug	N18W15	14	50	4	Cso	2	B								
13 Aug	N18W27	13	50	3	Cso	2	B								
14 Aug	N19W39	12	70	1	Hsx	1	A								
15 Aug	N19W52	11	30	1	Hsx	1	A								
16 Aug	N19W66	12	30	1	Hsx	1	A								
17 Aug	N19W78	10	10	1	Hrx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 13

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 4172												
06 Aug	N08E52	26	20	3	Cro	7	BG	3			14				
07 Aug	N09E38	27	130	9	Dai	12	BG	1			7				
08 Aug	N08E25	27	140	11	Eai	14	BG								
09 Aug	N09E10	29	80	12	Eai	10	B	1							
10 Aug	N09W04	30	80	14	Eai	14	BG	1			6				
11 Aug	N08W18	30	140	14	Eai	20	BG				1				
12 Aug	N08W32	31	170	15	Eac	27	BG	3			3				
13 Aug	N11W45	31	150	14	Eai	20	BG	5			3				
14 Aug	N09W59	32	110	8	Dai	10	BG	3			7				
15 Aug	N09W73	32	160	5	Dao	9	BG	9			4				
16 Aug	N08W86	32	180	3	Dai	3	B	2							
								28	0	0	45	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 30

			Region 4173												
06 Aug	S16W25	103	10	3	Bxo	2	B								
07 Aug	S18W42	107	10	3	Bxo	4	B								
08 Aug	S18W56	108	20	5	Dro	3	B				1				
09 Aug	S18W70	109	20	5	Dro	3	B				1				
10 Aug	S18W84	110	20	5	Dro	3	B								
								0	0	0	2	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 103

			Region 4174												
07 Aug	S07W17	82	10	2	Bxo	2	B								
08 Aug	S08W31	83	10	1	Hrx	1	A								
09 Aug	S08W45	84	plage												
10 Aug	S08W59	85	30	2	Cro	4	B								
11 Aug	S09W74	86	20	2	Cao	2	B	1							
12 Aug	S08W88	87	70	10	Dao	3	B								
								1	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 82

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 4175												
08 Aug	N12E59	353	20	1	Hrx	2	A								
09 Aug	N12E47	352	30	1	Hsx	1	A								
10 Aug	N12E35	351	30	1	Hsx	2	A								
11 Aug	N12E20	352	20	2	Hax	2	A								
12 Aug	N11E06	353	50	3	Cao	6	B								
13 Aug	N12W08	354	50	5	Cao	7	B								
14 Aug	N11W21	354	30	3	Cro	5	B								
15 Aug	N13W34	353	10	1	Hsx	1	A								
16 Aug	N12W48	354	10	1	Axx	1	A								
17 Aug	N12W62	355	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 353

			Region 4176												
08 Aug	N26E45	7	20	3	Dro	4	B								
09 Aug	N26E31	8	10	1	Axx	1	A								
10 Aug	N26E17	9	10	1	Axx	1	A								
11 Aug	N25E03	9	10	1	Axx	1	A								
12 Aug	N25W11	10	plage												
13 Aug	N25W25	11	plage												
14 Aug	N25W39	12	plage												
15 Aug	N25W53	12	plage												
16 Aug	N25W67	13	plage												
17 Aug	N25W81	14	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 9

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 4177												
08 Aug	N05E59	353	20	2	Hrx	1	A								
09 Aug	N06E48	351	20	1	Hsx	1	A								
10 Aug	N05E36	350	10	1	Hsx	2	A								
11 Aug	N04E21	351	20	1	Hsx	1	A								
12 Aug	N05E07	352	20	2	Hax	2	A								
13 Aug	N05W07	353	30	3	Cao	4	B								
14 Aug	N05W19	352	10	1	Hrx	1	A								
15 Aug	N05W33	352	20	1	Hsx	1	A								
16 Aug	N05W46	352	10	1	Axx	1	A								
17 Aug	N05W60	353	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 352

			Region 4178												
09 Aug	N09W18	57	10	3	Dro	4	B								
10 Aug	N09W33	59	20	6	Dai	9	B				3	1			
11 Aug	N09W49	61	210	7	Dai	12	B								
12 Aug	N09W63	62	200	9	Dai	9	BG	1			1				
13 Aug	N09W76	62	180	9	Dsi	10	BG	3			5				
14 Aug	N09W90	63	110	10	Dso	2	B	4							
								8	0	0	9	1	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 57

			Region 4179												
11 Aug	S11E52	320	50	1	Cso	2	B				1				
12 Aug	S11E38	321	30	1	Hax	2	A								
13 Aug	S10E24	322	30	2	Hax	1	A								
14 Aug	S10E12	321	10	1	Hrx	1	A								
15 Aug	S10E01	318	30	6	Cso	4	B	1							
16 Aug	S10W13	319	20	6	Cro	8	B								
17 Aug	S12W24	317	plage												
								1	0	0	1	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 318

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 4180												
12 Aug	S04E61	298	50	7	Dao	8	B								
13 Aug	S02E45	301	40	8	Dai	7	B	1							
14 Aug	S03E31	302	50	8	Dao	8	B								
15 Aug	S02E16	303	40	8	Dao	7	B	1							
16 Aug	S03E02	304	20	9	Cro	7	B	1							
17 Aug	S03W11	304	40	4	Cai	9	B	2			2				
								5	0	0	2	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 304

			Region 4181												
13 Aug	S12W24	10	20	5	Cro	3	B								
14 Aug	S13W41	14	10	1	Hrx	1	A								
15 Aug	S11W54	13	10	1	Axx	1	A								
16 Aug	S11W68	14	plage												
17 Aug	S11W82	15	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 10

			Region 4182												
13 Aug	N08E71	274	30	1	Hax	1	A								
14 Aug	N08E58	275	20	1	Hrx	1	A								
15 Aug	N09E42	277	20	1	Hsx	1	A								
16 Aug	N08E30	276	30	3	Dao	5	B								
17 Aug	N08E16	277	10	1	Hsx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 277

			Region 4183												
14 Aug	S02W59	32	10	4	Bxo	3	B								
15 Aug	S02W74	33	10	4	Bxo	3	B								
16 Aug	S02W89	35	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 32

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 4184												
14 Aug	S19W35	8	10	3	Bxo	2	B								
15 Aug	S19W50	9	20	4	Cso	2	B								
16 Aug	S19W64	10	plage												
17 Aug	S19W78	11	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 8

			Region 4185												
14 Aug	N17W35	8	10	3	Bxo	4	B								
15 Aug	N17W49	8	10	3	Bxo	4	B								
16 Aug	N17W63	9	plage												
17 Aug	N17W77	10	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 8

			Region 4186												
15 Aug	N07W47	6	40	3	Cso	3	B								
16 Aug	N08W62	8	60	4	Dso	6	B								
17 Aug	N07W77	10	40	4	Dso	2	B								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 6

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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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