Space Weather Highlights
21 July - 27 July 2025

SWPC PRF 2604
28 July 2025

Solar activity was at low levels. The largest flare was a C8.1/Sf at 24/0545 UTC from an unnumbered region located behind the west limb. Region 4149 (N17, L=247, class/area Eko/280 on 25 Jul) produced a C7.4/Sf at 25/0101 UTC. Several C-class flares were also observed from several other regions during the highlight period. No Earth-directed CME activity was observed.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at high levels on 21-22 July and 24-27 July with a normal to moderate period on 23 July. The maximum flux was 13,000 pfu observed at 21/1700 UTC.

Geomagnetic field activity reached G1 (Minor) storm levels on 22 and 23 July due to negative polarity CH HSS influence. Solar wind speeds were elevated to as high as 737 km/s late on 23 July. The remaining days were quiet to active levels due to weak negative polarity CH HSS influence.

Space Weather Outlook
28 July - 23 August 2025

Solar activity is expected to be at mostly low levels with a chance for M-class (R1-R2, Minor to Moderate) flares for the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels on 28 July, 05-06 August and 10-23 August all due to recurrent CH HSS influences. Low to moderate levels are expected on the remaining days.

Geomagnetic field activity is expected to be at active to G1 (Minor) storm levels on 04 August, 07-14 August and 18-22 August due to recurrent CH HSS effects. Quiet to unsettled levels are expected on the remaining days 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
21 July	143	130	870	C1.3	1	0	0	2	0	0	0	0
22 July	145	101	640	C1.0	7	0	0	4	0	0	0	0
23 July	150	85	550	B9.8	3	0	0	3	0	0	0	0
24 July	156	137	740	C1.0	5	0	0	1	0	0	0	0
25 July	148	133	680	B8.3	5	0	0	2	0	0	0	0
26 July	143	136	690	B7.1	3	0	0	2	0	0	0	0
27 July	145	126	660	B8.7	6	0	0	4	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
21 July	3.6e+06	1.9e+04	6.7e+08
22 July	5.9e+06	1.7e+04	2.5e+08
23 July	4.2e+05	1.6e+04	2.1e+07
24 July	5.3e+05	1.8e+04	8.3e+07
25 July	7.6e+05	1.7e+04	1.4e+08
26 July	5.4e+05	1.6e+04	1.2e+08
27 July	2.1e+06	1.6e+04	7.7e+07

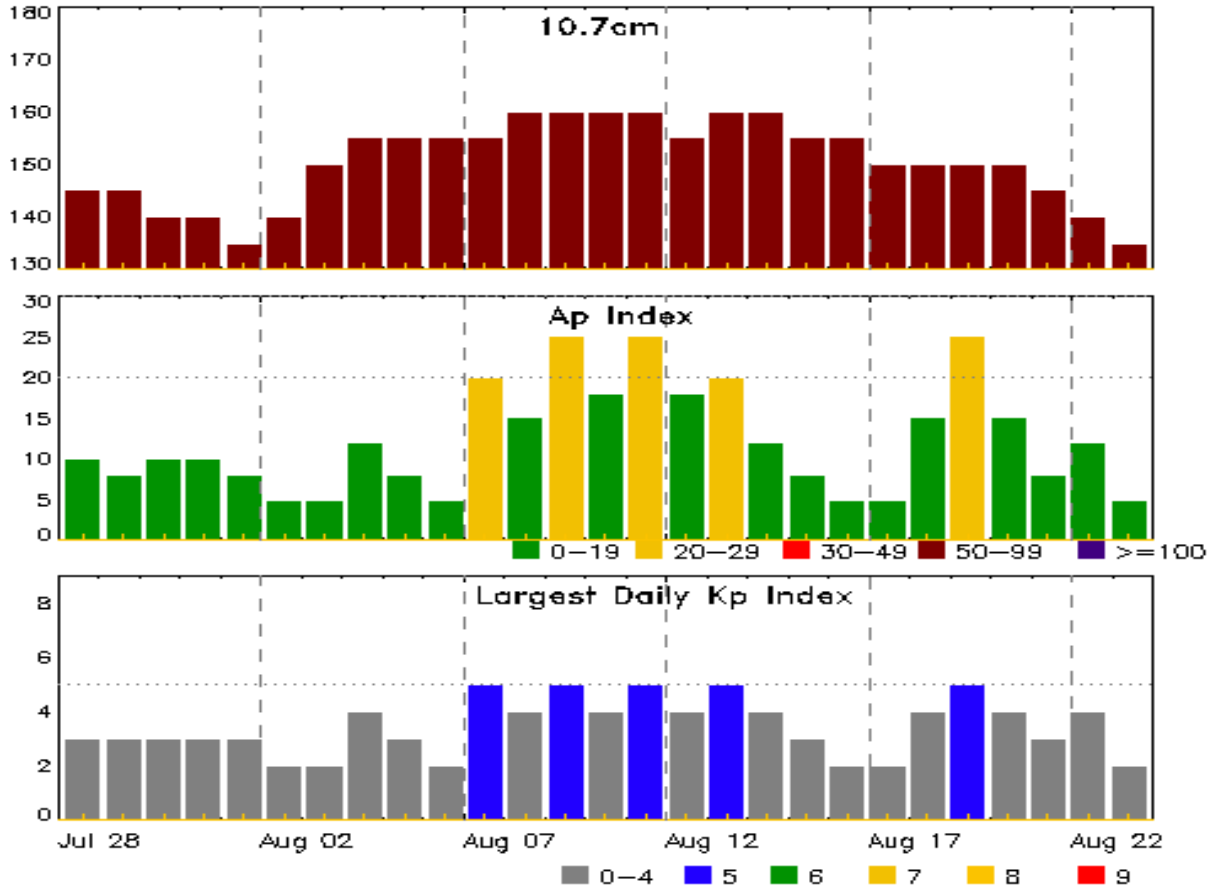
Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
21 July	4	1-1-1-1-2-1-1-2	2	2-1-0-0-0-0-0-1	4	2-1-1-1-1-0-0-1
22 July	17	1-3-2-3-3-2-4-5	9	1-2-1-1-2-2-3-4	17	1-2-1-2-2-3-5-5
23 July	20	3-4-3-4-4-3-3-3	32	4-5-4-5-5-4-3-3	27	4-4-4-4-5-3-4-4
24 July	16	3-3-3-4-3-3-2-3	29	4-4-5-5-5-3-3-2	15	4-3-3-4-3-3-2-2
25 July	10	2-2-2-3-3-2-2-3	10	2-3-2-3-3-2-2-2	8	2-2-2-2-2-2-2-3
26 July	11	2-1-2-3-3-3-3-2	19	3-2-1-3-6-4-1-1	12	2-2-2-3-3-4-3-2
27 July	7	1-1-2-2-3-2-2-1	3	1-1-1-1-1-1-1-0	4	1-1-2-1-1-1-1-1

Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
21 Jul 0500	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	14/1550
21 Jul 1944	WATCH: Geomagnetic Storm Category G1 predicted	
22 Jul 0507	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	14/1550
22 Jul 1924	WARNING: Geomagnetic K = 4	22/1922 - 23/1200
22 Jul 2050	ALERT: Geomagnetic K = 4	
22 Jul 2051	WARNING: Geomagnetic K = 5	22/2051 - 23/0600
22 Jul 2105	ALERT: Geomagnetic K = 5	
22 Jul 2249	ALERT: Geomagnetic K = 5	
22 Jul 2252	WARNING: Geomagnetic K = 6	22/2252 - 23/0600
23 Jul 0541	EXTENDED WARNING: Geomagnetic K = 5	22/2051 - 23/1200
23 Jul 1136	EXTENDED WARNING: Geomagnetic K = 5	22/2051 - 23/1800
23 Jul 1138	WARNING: Geomagnetic K = 4	23/1137 - 2100
23 Jul 1504	ALERT: Geomagnetic K = 5	
23 Jul 1805	EXTENDED WARNING: Geomagnetic K = 4	23/1137 - 24/0900
23 Jul 1905	WATCH: Geomagnetic Storm Category G1 predicted	
24 Jul 1038	WARNING: Geomagnetic K = 4	24/1038 - 1800
24 Jul 1151	ALERT: Geomagnetic K = 4	
24 Jul 1334	ALERT: Electron 2MeV Integral Flux >= 1000pfu	24/1320
24 Jul 1747	EXTENDED WARNING: Geomagnetic K = 4	24/1038 - 25/0300
24 Jul 1947	WATCH: Geomagnetic Storm Category G1 predicted	
25 Jul 1005	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	24/1320
26 Jul 0601	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	24/1320
26 Jul 1730	WARNING: Geomagnetic K = 4	26/1730 - 27/0300
26 Jul 1753	ALERT: Geomagnetic K = 4	
27 Jul 1252	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	24/1320

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
28 Jul	145	10	3	11 Aug	160	25	5
29	145	8	3	12	155	18	4
30	140	10	3	13	160	20	5
31	140	10	3	14	160	12	4
01 Aug	135	8	3	15	155	8	3
02	140	5	2	16	155	5	2
03	150	5	2	17	150	5	2
04	155	12	4	18	150	15	4
05	155	8	3	19	150	25	5
06	155	5	2	20	150	15	4
07	155	20	5	21	145	8	3
08	160	15	4	22	140	12	4
09	160	25	5	23	135	5	2
10	160	18	4				

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

No Events Observed

Flare List

	Time				Optical		
Date	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
21 Jul	0002	0009	0011	C5.1	SF	N27W61	4143
21 Jul	0922	0924	0925		SF	N20W80	4136
22 Jul	0759	0808	0815	C2.8			
22 Jul	0935	1008	1026	C2.6	SF	S29E66	4143
22 Jul	1045	1050	1053		SF	S29E66	
22 Jul	1228	1232	1238		SF	S13E35	4150
22 Jul	B1500	1513	1528		SF	S25E60	
22 Jul	1622	1627	1634	C2.4			4143
22 Jul	1718	1726	1728	C3.4			4153
22 Jul	2005	2012	2018	C6.4			4150
22 Jul	2059	2105	2113	C1.7			4153
22 Jul	2157	2202	2204	C1.4			4153
23 Jul	0232	0241	0247	C2.0			4143
23 Jul	0525	0538	0540		SF	S13E27	4150
23 Jul	0554	0604	0610	C1.7			4143
23 Jul	B1312	1317	1318		SF	S28E50	4153
23 Jul	1331	1337	1342	C2.5			4150
23 Jul	1643	1644	1645		SF	S13E21	4150
24 Jul	0116	0125	0132	C1.6			
24 Jul	0524	0545	0555	C8.1	SF	S05E70	
24 Jul	1009	1053	1110	C3.5			4155
24 Jul	1631	1639	1642	C2.3			4149
24 Jul	1834	1839	1842	C5.7			4149
25 Jul	0055	0101	0103	C7.4	SF	N15E08	4149
25 Jul	0249	0257	0308	C1.4			4153
25 Jul	0545	0556	0609	C1.7			4155
25 Jul	0756	0805	0810	C2.2	SF	S08E58	4155
25 Jul	1747	1754	1759	C1.0			4154
26 Jul	1330	1334	1337	C1.7			4149
26 Jul	1404	1425	1439	C3.3	SF	S08E54	4160
26 Jul	1510	1517	1520	C1.4	SF	N17W18	4149

Flare List

Date	Time			Optical			
	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
27 Jul	0751	0758	0806	C1.4			4160
27 Jul	0858	0913	0926	C3.4			
27 Jul	0932	0933	0942		SF	S04E05	
27 Jul	0945	0946	0947		SF	S04E05	
27 Jul	1108	1108	1111		SF	N15E08	
27 Jul	1302	1313	1318	C2.0	SF	S09E28	4155
27 Jul	1355	1400	1403	C1.3			
27 Jul	1418	1426	1435	C2.0			4161
27 Jul	1832	1844	1852	C3.1			4161

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 4136												
09 Jul	N19E64	25	150	7	Dai	7	BG	1	1						
10 Jul	N19E53	23	180	10	Dai	9	BG	1			4				
11 Jul	N19E40	22	220	9	Dai	12	BGD				1				
12 Jul	N19E27	22	200	9	Dao	8	BD	1				1			
13 Jul	N19E13	23	190	9	Dao	4	B								
14 Jul	N19W00	23	150	12	Eao	7	BG								
15 Jul	N19W15	24	190	12	Eao	8	BG								
16 Jul	N19W28	24	250	12	Cko	7	BG								
17 Jul	N21W37	20	280	5	Dkc	10	BD	2			6				
18 Jul	N21W50	20	280	6	Dkc	10	BG	7			6				
19 Jul	N21W62	18	260	6	Dkc	5	BG				1				
20 Jul	N20W74	17	210	4	Cao	3	B	7			3	1			
21 Jul	N19W88	18	210	4	Cao	3	B				1				
								26	2	0	22	2	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 23

			Region 4139												
11 Jul	N22E22	40	20	4	Cro	3	B	2			1				
12 Jul	N22E10	39	60	6	Dai	5	B	1			1				
13 Jul	N22W04	40	100	7	Dai	6	B								
14 Jul	N21W15	38	70	8	Dao	13	BG				1				
15 Jul	N22W30	39	100	8	Dai	13	BD								
16 Jul	N22W42	38	250	9	Dko	11	BG				1				
17 Jul	N22W55	38	260	8	Dko	12	BG								
18 Jul	N22W68	38	250	10	Dko	5	BG								
19 Jul	N22W80	36	220	9	Dso	4	B								
20 Jul	N21W93	36	100	5	Dso	2	B								
								3	0	0	4	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 40

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 4140													
10 Jul	S15E87	349	plage					5							
11 Jul	S15E73	349	30	4	Cao	3	B	5			3				
12 Jul	S15E61	348	130	10	Dao	6	B	9	3		6	2			
13 Jul	S15E46	350	90	8	Cao	6	B	12			2				
14 Jul	S15E32	350	90	9	Dai	8	B				1				
15 Jul	S15E18	351	70	8	Cao	8	B								
16 Jul	S15E04	352	30	5	Cao	5	B								
17 Jul	S17W06	349	20	2	Bxi	4	B								
18 Jul	S16W19	349	10	1	Axx	1	A								
19 Jul	S14W36	352	plage												
20 Jul	S12W48	351	10	1	Axx	1	A								
21 Jul	S12W62	352	10	1	Axx	1	A								
22 Jul	S12W75	352	plage												
23 Jul	S12W89	353	plage												
								31	3	0	12	2	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 352

		Region 4142													
13 Jul	N02E65	333	plage					1							
14 Jul	N02E50	333	40	5	Cso	4	B	3			3				
15 Jul	N01E35	334	40	7	Dao	10	BG	2			7				
16 Jul	N01E21	335	100	9	Dai	18	BG	3			7	1			
17 Jul	N01E08	335	180	10	Dai	15	BG	1			5				
18 Jul	N01W05	335	200	10	Dai	13	B								
19 Jul	N03W20	336	180	10	Dai	18	B								
20 Jul	N03W33	336	80	10	Dao	8	B								
21 Jul	N03W52	342	60	4	Cao	5	B								
22 Jul	N02W66	343	40	2	Hax	1	A								
23 Jul	N03W80	344	40	2	Hax	1	A								
24 Jul	N04W95	345	60	2	Hax	1	A								
								10	0	0	22	1	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 335

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 4143												
14 Jul	N09E11	11	10	2	Bxo	3	B								
15 Jul	N23E01	8	30	5	Cro	6	B								
16 Jul	N23W12	8	90	7	Dai	15	BG	3			5				
17 Jul	N25W25	8	260	9	Dai	13	BG				3				
18 Jul	N25W38	8	260	10	Dki	12	B								
19 Jul	N25W51	7	270	10	Dki	10	BG	2			5				
20 Jul	N25W64	7	280	10	Dki	12	BG								
21 Jul	N26W78	8	220	10	Dao	9	B	1			1				
22 Jul	N24W92	9	220	10	Dao	9	B	2							
								8	0	0	14	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 8

			Region 4144												
15 Jul	S15E62	307	30	1	Hsx	1	A								
16 Jul	S15E48	308	30	1	Hsx	1	A								
17 Jul	S15E35	308	40	1	Hsx	1	A								
18 Jul	S15E22	308	30	1	Hsx	1	A								
19 Jul	S15E08	308	20	1	Hrx	1	A								
20 Jul	S15W05	308	10	1	Axx	1	A								
21 Jul	S14W19	309	plage												
22 Jul	S15W33	310	plage												
23 Jul	S15W47	311	plage												
24 Jul	S15W62	312	plage												
25 Jul	S15W76	313	plage												
26 Jul	S15W90	314	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 308

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 4145												
15 Jul	S24E19	350	10	2	Bxo	3	B								
16 Jul	S26E07	349	30	4	Cro	5	B	1							
17 Jul	S23W06	349	30	5	Cro	6	B								
18 Jul	S24W19	349	10	4	Bxo	5	B								
19 Jul	S24W33	349	10	5	Bxo	5	B								
20 Jul	S24W47	350	plage												
21 Jul	S24W61	351	plage												
22 Jul	S24W75	352	plage												
23 Jul	S24W89	353	plage												
								1	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 349

			Region 4146												
16 Jul	N18W34	29	10	1	Hrx	1	A								
17 Jul	N19W46	29	20	1	Hsx	1	A								
18 Jul	N20W58	28	10	1	Axx	2	A								
19 Jul	N20W72	28	plage												
20 Jul	N20W86	29	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 29

			Region 4147												
16 Jul	N06E52	303	20	1	Cao	2	B								
17 Jul	N06E41	302	10	1	Axx	1	A								
18 Jul	N06E28	302	10	1	Axx	1	A								
19 Jul	N06E13	303	plage												
20 Jul	N06W02	305	plage												
21 Jul	N06W16	306	plage												
22 Jul	N06W30	307	plage												
23 Jul	N06W44	308	plage												
24 Jul	N06W59	309	plage												
25 Jul	N06W74	311	plage												
26 Jul	N06W89	313	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 305

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 4148												
17 Jul	S07W16	359	40	5	Cao	4	B								
18 Jul	S08W28	358	30	5	Cao	5	B								
19 Jul	S08W45	1	20	1	Hrx	1	A								
20 Jul	S07W58	1	10	1	Axx	1	A								
21 Jul	S07W72	2	10	1	Axx	1	A								
22 Jul	S07W86	3	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 359

			Region 4149												
19 Jul	N17E70	246	150	9	Dso	3	B								
20 Jul	N17E57	246	220	8	Dao	4	B	2			4				
21 Jul	N17E44	246	230	11	Esi	8	BG								
22 Jul	N17E30	247	250	11	Ehi	10	BG								
23 Jul	N18E17	247	260	13	Ehi	8	B								
24 Jul	N17E02	248	260	13	Ehi	12	BG	2							
25 Jul	N17W10	247	280	12	Eko	20	BG	1			1				
26 Jul	N17W20	244	280	12	Eko	4	B	2			1				
27 Jul	N15W37	248	150	10	Dso	5	B								
								7	0	0	6	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 248

			Region 4150												
19 Jul	S15E65	251	80	6	Cao	2	B								
20 Jul	S15E56	247	130	7	Cao	4	B								
21 Jul	S14E43	247	110	8	Dso	10	B								
22 Jul	S14E29	248	70	7	Dso	6	B	1			1				
23 Jul	S13E15	249	70	8	Cao	5	B	1			2				
24 Jul	S13W00	250	50	5	Hsx	2	A								
25 Jul	S13W13	250	60	1	Cso	1	B								
26 Jul	S15W25	249	50	7	Cso	2	B								
27 Jul	S17W42	253	50	1	Hsx	1	A								
								2	0	0	3	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 250

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 4151												
20 Jul	N10W21	324	20	3	Cro	3	B								
21 Jul	N11W35	325	10	3	Bxo	2	B								
22 Jul	N11W49	326	10	1	Axx	1	A								
23 Jul	N11W63	327	plage												
24 Jul	N11W78	328	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 324

			Region 4152												
21 Jul	N09E63	227	10	1	Axx	1	A								
22 Jul	N09E48	229	20	1	Hrx	1	A								
23 Jul	N09E34	230	10	1	Axx	1	A								
24 Jul	N09E19	231	10	1	Axx	1	A								
25 Jul	N09E05	232	plage												
26 Jul	N09W09	233	plage												
27 Jul	N09W23	234	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 232

			Region 4153												
22 Jul	S29E56	221	30	4	Dao	3	B	3							
23 Jul	S29E43	221	80	6	Dai	7	B				1				
24 Jul	S28E32	218	180	11	Eai	8	BG								
25 Jul	S30E20	217	210	8	Dai	15	BG	1							
26 Jul	S30E07	216	140	8	Dao	9	BG								
27 Jul	S28W07	217	160	10	Dao	8	B								
								4	0	0	1	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 216

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 4154												
23 Jul	S15E62	202	90	11	Eao	3	B								
24 Jul	S13E45	205	40	2	Hsx	2	A								
25 Jul	S14E32	205	60	2	Hax	4	A	1							
26 Jul	S19E18	206	50	2	Hax	3	A								
27 Jul	S12E05	207	30	3	Cao	3	B								
								1	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 207

			Region 4155												
24 Jul	S09E62	188	50	6	Cai	5	B	1							
25 Jul	S10E46	191	10	3	Cai	7	B	2			1				
26 Jul	S10E32	192	70	5	Dai	10	B								
27 Jul	S08E19	192	60	11	Eai	15	B	1			1				
								4	0	0	2	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 192

			Region 4156												
24 Jul	N11E61	189	20	2	Hrx	1	A								
25 Jul	N09E51	186	0		Hrx	1	A								
26 Jul	N09E36	188	10	1	Hax	1	A								
27 Jul	N08E19	192	10	1	Axx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 192

			Region 4157												
24 Jul	S19E55	195	50	2	Hsx	1	A								
25 Jul	S19E40	197	50	1	Hsx	2	A								
26 Jul	S19E26	198	30	1	Hsx	1	A								
27 Jul	S19E15	196	50	1	Hsx	1	A								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 196

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 4158												
24 Jul	S17W46	296	20	2	Cro	4	B								
25 Jul	S15W61	298	10	2	Cao	3	B								
26 Jul	S15W75	299	20	3	Cao	2	B								
27 Jul	S15W89	300	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 296

			Region 4159												
26 Jul	S08W10	234	20	3	Cso	3	B								
27 Jul	S08W24	235	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 234

			Region 4160												
26 Jul	S08E47	175	20	1	Hrx	1	A	1			1				
27 Jul	S08E34	177	30	1	Hsx	1	A	1							
								2	0	0	1	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 177

			Region 4161												
27 Jul	S13E75	136	120	3	Hsx	1	A	2							
								2	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 136

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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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