Space Weather Highlights **SWPC PRF 2618**
27 October - 02 November 2025 **03 November 2025**

Solar activity was at low levels on 27 Oct - 01 Nov. Solar activity reached moderate levels on 02 Nov due to a single M1.0 flare that occurred at 02/0026 UTC from a region beyond the East limb and became the largest flare of the week. All the active regions that crossed the visible solar disk this week presented a simple magnetic configuration (alpha or beta) and an unremarkable overall activity. Region 4267 (N04, L=60, class/area=Cso/120 on 28 Oct) was the most flaring region during the week, with three C-class flares: a C1.6 at 28/1626 UTC, a C4.7 at 01/1655 UTC and a C8.2 at 02/1246 UTC. Three Type-II radio bursts were observed on 29-31 Oct and were likely associated with far-sided activity: 29/0012 UTC (est. speed 1,357 km/s), 30/0424 UTC (est. 691 km/s) and 31/2013 UTC (est. 542 km/s).

Multiple CMEs were observed in coronagraph imagery during the week, but they were mostly far-sided. The CME that erupted around 30/0645 UTC from a region near N21E32 presented a potential Earth-directed component, and its modeled propagation suggested a partial impact on Earth's magnetosphere arriving on 02 Nov. However, no clear CME influences were observed on the solar wind data near-Earth during the period.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached the 1,000 pfu threashold around 31/1200 UTC and remained at high levels until the end of the period. The maximum > 2MeV electron flux of 1,260 pfu was observed on 02/1650 UTC by the GOES-19 satellite.

Geomagnetic field activity was quiet on 27 Oct and 01 Nov, and reached active levels on 28-31 Oct and 02 Nov. Five synoptic periods of minor storming (G1) levels were observed on 30-31 Oct due to the solar wind maximum disturbances caused by the high speed stream (HSS) associated to a positive coronal hole that dominated the geospace during the period.

Space Weather Outlook
03 November - 29 November 2025

Solar activity is expected to be at moderate levels on 03-17 Nov due to the delayed return of Regions 4246 and 4248, that seem to be rotating into the Earthside solar disk between 03-04 Nov. At least two other regions are expected to emerge from the East limb until 10 Nov, as observed at GONG farside images. Solar activity could remain at moderate levels through 29 Nov if these regions have significant magnetic complexity.

No proton events are expected at geosynchronous orbit. However, if the upcoming returning Regions 4246 and 4248 continue to be magnetically complex with enhanced activity, an isolated proton event is possible between 07-12 Nov.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to remain at high

levels until 13 Nov, due to the persistent perturbations at Earth's magnetosphere associated to the CH HSS. Moderate levels are expected on 14-26 Nov period, and high levels are expected to return on 27 Nov.

Geomagnetic field activity is expected to be mostly quiet to active during the 27-day period, with minor storming (G1) levels likely on 07-08, 15 and 26-27 Nov due to recurrence of CH HSS influences.

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
27 October	121	96	340	B4.3	2	0	0	0	0	0	0	0
28 October	122	91	340	B4.7	1	0	0	0	0	0	0	0
29 October	118	80	320	B3.8	0	0	0	0	0	0	0	0
30 October	120	68	200	B3.9	1	0	0	0	0	0	0	0
31 October	125	34	130	B8.5	5	0	0	1	0	0	0	0
01 November	115	24	150	B7.1	5	0	0	1	0	0	0	0
02 November	123	43	190	B9.0	4	1	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
27 October	3.9e+05	1.8e+04	2.2e+07
28 October	8.5e+05	1.7e+04	1.5e+07
29 October	1.4e+06	1.7e+04	1.2e+07
30 October	1.2e+06	1.6e+04	1.3e+07
31 October	1.3e+06	2.0e+04	1.4e+08
01 November	6.7e+05	2.4e+04	4.0e+08
02 November	8.2e+05	2.4e+04	4.5e+08

Daily Geomagnetic Data

Date	Middle Latitude Fredericksburg		High Latitude College		Estimated Planetary	
	A	K-indices	A	K-indices	A	K-indices
27 October	4	1-0-1-1-1-2-2-2	2	0-0-1-1-0-1-1-1	6	1-1-1-1-1-2-2-3
28 October	14	3-3-3-2-3-3-3-3	28	1-3-4-4-6-3-4-4	19	3-3-3-2-4-3-4-4
29 October	15	2-3-3-3-3-3-2-4	27	2-2-3-5-4-5-5-3	20	3-3-3-3-3-4-4-4
30 October	24	3-3-4-4-5-4-3-3	58	4-3-6-6-7-6-3-4	38	5-4-4-5-5-5-3-4
31 October	16	3-3-4-3-4-3-2-2	47	3-5-6-6-6-5-3-2	25	4-5-4-4-4-3-3-3
01 November	9	2-3-2-2-3-2-2-2	24	2-3-2-5-5-5-3-2	14	3-3-3-3-3-3-3-2
02 November	15	4-3-3-3-3-3-2-2	31	4-3-4-5-5-5-4-2	32	4-4-3-3-3-4-3-3

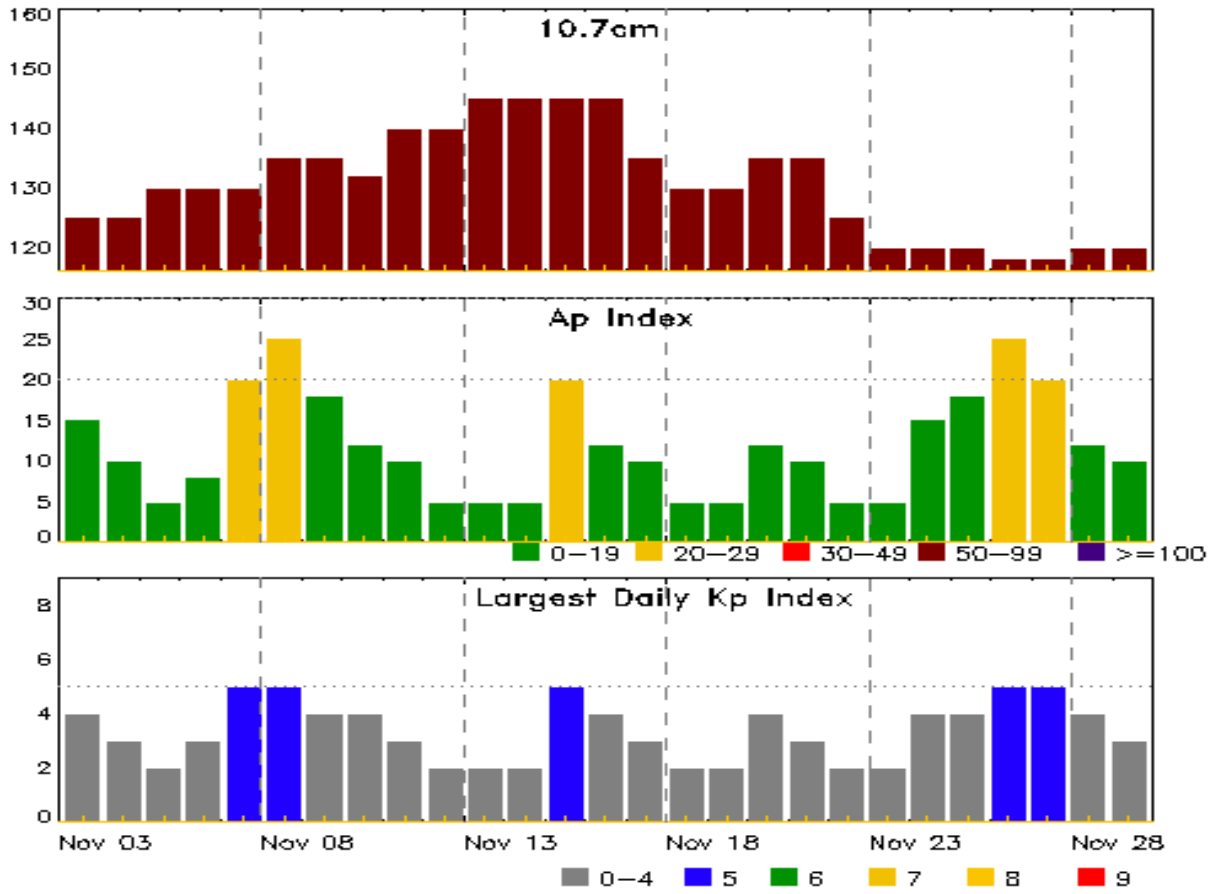
Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
27 Oct 2325	WARNING: Geomagnetic K = 4	27/2325 - 28/0300
28 Oct 0010	WATCH: Geomagnetic Storm Category G1 predicted	
28 Oct 0253	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 28/0900
28 Oct 0855	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 28/1800
28 Oct 1501	ALERT: Geomagnetic K = 4	
28 Oct 1842	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 29/1200
29 Oct 0040	ALERT: Type II Radio Emission	29/0010
29 Oct 1112	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 29/2100
29 Oct 1606	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 30/0600
29 Oct 2344	WARNING: Geomagnetic K = 5	29/2344 - 30/0600
30 Oct 0302	ALERT: Geomagnetic K = 5	
30 Oct 0506	ALERT: Type II Radio Emission	30/0428
30 Oct 0537	EXTENDED WARNING: Geomagnetic K = 5	29/2344 - 30/1500
30 Oct 0537	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 30/2100
30 Oct 1012	ALERT: Geomagnetic K = 5	
30 Oct 1013	WARNING: Geomagnetic K = 6	30/1012 - 1500
30 Oct 1254	ALERT: Geomagnetic K = 5	
30 Oct 1454	EXTENDED WARNING: Geomagnetic K = 5	29/2344 - 30/2359
30 Oct 1636	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 31/1200
30 Oct 1650	ALERT: Geomagnetic K = 5	
30 Oct 2352	EXTENDED WARNING: Geomagnetic K = 5	29/2344 - 31/0600
31 Oct 0549	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 31/2100
31 Oct 0549	EXTENDED WARNING: Geomagnetic K = 5	29/2344 - 31/1500
31 Oct 0602	ALERT: Geomagnetic K = 5	
31 Oct 1309	ALERT: Electron 2MeV Integral Flux >= 1000pfu	31/1250
31 Oct 1427	EXTENDED WARNING: Geomagnetic K = 5	29/2344 - 31/2100
31 Oct 1427	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 01/0600
31 Oct 2107	ALERT: Type II Radio Emission	31/2013
01 Nov 0500	CONTINUED ALERT:	31/1250

Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
-	Electron 2MeV Integral Flux >= 1000pfu	-
01 Nov 0556	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 01/2100
01 Nov 2056	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 02/0300
02 Nov 0236	EXTENDED WARNING: Geomagnetic K = 4	27/2325 - 02/1200
02 Nov 0459	CONTINUED ALERT: Electron 2MeV Integral Flux >= 1000pfu	31/1250
02 Nov 1712	WARNING: Geomagnetic K = 4	02/1711 - 03/0900
02 Nov 1755	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
03 Nov	125	15	4	17 Nov	135	10	3
04	125	10	3	18	130	5	2
05	130	5	2	19	130	5	2
06	130	8	3	20	135	12	4
07	130	20	5	21	135	10	3
08	135	25	5	22	125	5	2
09	135	18	4	23	120	5	2
10	132	12	4	24	120	15	4
11	140	10	3	25	120	18	4
12	140	5	2	26	118	25	5
13	145	5	2	27	118	20	5
14	145	5	2	28	120	12	4
15	145	20	5	29	120	10	3
16	145	12	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
02 Nov		0013	0026	0037		M1.0	0.010					

Flare List

	Time				Optical		
Date	Begin	Max	End	X-ray Class	Imp/ Brtns	Location Lat CMD	Rgn #
27 Oct	0130	0141	0151	C1.0			4262
27 Oct	0207	0212	0218	B9.2			4266
27 Oct	1003	1021	1035	C1.7			4262
27 Oct	1414	1421	1431	B6.8			4256
28 Oct	1617	1626	1630	C1.6			4267
29 Oct	0505	0518	0531	B9.1			4266
30 Oct	1205	1237	1329	C1.4			
31 Oct	0144	0201	0230	C1.8			
31 Oct	0825	0838	0856	C1.1			
31 Oct	1639	1653	1723	C3.7			
31 Oct	1937	2043	2140	C7.1			
31 Oct	2317	2326	2337	C2.3	SF	S10E47	4271
01 Nov	0816	0830	0841	C3.0			
01 Nov	1027	1034	1039	C1.2			
01 Nov	1155	1202	1206	B9.1			
01 Nov	1649	1655	1700	C4.7	SF	S00W50	4267
01 Nov	2311	2322	2335	C2.8			
01 Nov	2348	2358	0006	C1.8			
02 Nov	0013	0026	0037	M1.0			
02 Nov	1233	1246	1256	C8.2	SF	N00W61	4267
02 Nov	2108	2119	2126	C3.7	SF	N25E76	
02 Nov	2229	2235	2238	C2.8			
02 Nov	2353	0003	0007	C4.5			

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 4254													
14 Oct	N10E74	173	40	2	Hsx	1	A								
15 Oct	N10E60	174	40	2	Hsx	1	A								
16 Oct	N10E46	175	60	2	Hsx	1	A								
17 Oct	N11E33	175	60	1	Hsx	1	A								
18 Oct	N10E20	175	90	2	Hsx	1	A								
19 Oct	N10E06	175	90	2	Hsx	1	A								
20 Oct	N10W08	176	80	2	Hsx	1	A								
21 Oct	N10W21	176	60	2	Hsx	1	A								
22 Oct	N10W33	175	60	2	Hsx	1	A								
23 Oct	N10W47	174	50	1	Hsx	1	A								
24 Oct	N10W60	175	50	1	Hsx	1	A								
25 Oct	N10W73	175	40	1	Hsx	1	A								
26 Oct	N11W87	176	30	1	Hsx	1	A								
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 175

		Region 4256													
16 Oct	S16E66	155	40	7	Dao	5	B								
17 Oct	S15E52	156	60	6	Cso	6	B	1			3				
18 Oct	S15E40	155	140	6	Dao	6	B								
19 Oct	S15E26	155	100	6	Cao	4	B	1							
20 Oct	S15E12	156	30	2	Hrx	4	A								
21 Oct	S16W01	156	10	2	Axx	1	A								
22 Oct	S16W15	157	10	1	Axx	1	A								
23 Oct	S16W28	156	plage					1							
24 Oct	S16W42	157	plage					2			2				
25 Oct	S16W56	158	plage					1			2				
26 Oct	S16W70	159	plage					2							
27 Oct	S19W83	159	plage												
								8	0	0	7	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 156

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 4257													
17 Oct	S08E75	133	60	2	Hsx	1	A								
18 Oct	S10E60	135	150	5	Hsx	2	A								
19 Oct	S10E48	133	210	7	Cao	4	B								
20 Oct	S09E35	133	110	6	Dso	3	B	1							
21 Oct	S10E23	132	70	4	Cso	2	B								
22 Oct	S09E08	134	80	3	Hsx	1	A	1			1				
23 Oct	S09W06	133	60	2	Hsx	1	A								
24 Oct	S09W20	135	60	1	Hsx	2	A								
25 Oct	S09W33	135	60	1	Hsx	1	A								
26 Oct	S08W47	136	70	2	Hsx	1	A								
27 Oct	S09W60	136	60	1	Hsx	1	A								
28 Oct	S09W73	136	40	2	Hsx	1	A								
29 Oct	S09W88	137	30	2	Hsx	1	A								
								2	0	0	1	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 133

		Region 4259													
19 Oct	S20E49	132	10	3	Bxo	2	B								
20 Oct	S20E35	133	10	1	Axx	1	A								
21 Oct	S20E22	133	10	1	Axx	1	A								
22 Oct	S20E09	133	10	2	Axx	3	A	1							
23 Oct	S20W03	131	plage												
24 Oct	S20W17	132	plage												
25 Oct	S20W31	133	plage												
26 Oct	S20W45	134	plage												
27 Oct	S20W59	135	plage												
28 Oct	S20W73	136	plage												
29 Oct	S20W88	137	plage												
								1	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 131

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 4260												
19 Oct	S10E61	120	10	1	Hsx	1	A								
20 Oct	S09E47	121	10	1	Axx	1	A								
21 Oct	S10E33	122	plage												
22 Oct	S10E19	123	plage												
23 Oct	S10E05	124	plage												
24 Oct	S11W07	122	plage												
25 Oct	S11W21	123	plage												
26 Oct	S11W35	124	plage												
27 Oct	S11W49	125	plage												
28 Oct	S11W63	126	plage												
29 Oct	S11W78	127	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 124

			Region 4261												
20 Oct	S05E67	101	40	4	Dao	2	B								
21 Oct	S06E54	101	50	4	Cso	3	B								
22 Oct	S06E40	102	40	3	Cso	3	B								
23 Oct	S06E25	101	30	2	Hsx	1	A								
24 Oct	S07E13	102	40	2	Hsx	1	A	1							
25 Oct	S07W00	102	40	3	Hsx	2	A								
26 Oct	S06W14	103	60	2	Hsx	1	A								
27 Oct	S06W28	104	40	1	Hsx	1	A								
28 Oct	S05W41	104	30	2	Hsx	1	A								
29 Oct	S05W55	104	20	1	Hsx	1	A								
30 Oct	S05W68	104	20	1	Hsx	1	A								
31 Oct	S06W81	104	10	1	Axx	1	A								
								1	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 102

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 4262												
20 Oct	S12E35	133	150	3	Hsx	1	A								
21 Oct	S12E22	133	150	4	Hsx	2	A								
22 Oct	S12E10	132	150	6	Cai	3	B								
23 Oct	S12W07	134	150	5	Hsx	3	A								
24 Oct	S13W19	134	160	4	Dai	7	B								
25 Oct	S14W33	135	60	3	Cao	5	B								
26 Oct	S12W48	137	60	3	Cso	3	B								
27 Oct	S13W61	137	80	3	Cso	5	B	2							
28 Oct	S14W73	136	90	3	Cso	3	B								
29 Oct	S14W87	136	90	3	Cso	3	B								
								2	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 134

			Region 4263												
21 Oct	N05W12	167	10	4	Bxo	3	B								
22 Oct	N06W27	169	10	2	Axx	1	A								
23 Oct	N06W42	171	plage												
24 Oct	N06W57	172	plage												
25 Oct	N06W72	174	plage												
26 Oct	N06W87	176	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 167

			Region 4264												
21 Oct	N07E55	100	10	1	Axx	1	A								
22 Oct	N07E39	101	10	1	Axx	1	A								
23 Oct	N07E24	103	10	1	Axx	1	A								
24 Oct	N07E09	106	plage												
25 Oct	N07W06	108	plage												
26 Oct	N07W21	110	plage												
27 Oct	N07W36	112	plage												
28 Oct	N07W51	114	plage												
29 Oct	N07W66	115	plage												
30 Oct	N07W81	117	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 108

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 4265												
22 Oct	N12W08	150	10	3	Bxo	2	B								
23 Oct	N12W23	150	plage												
24 Oct	N12W37	152	plage												
25 Oct	N12W51	153	plage												
26 Oct	N12W65	154	plage												
27 Oct	N12W79	155	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 150

			Region 4266												
23 Oct	N15E43	84	10	1	Bxo	3	B								
24 Oct	N14E29	86	10	2	Cri	3	B				1				
25 Oct	N15E16	86	60	4	Dao	5	B								
26 Oct	N16E01	88	20	6	Dro	8	B								
27 Oct	N16W11	87	10	5	Bxo	7	B								
28 Oct	N16W25	88	30	7	Cro	5	B								
29 Oct	N17W39	88	40	6	Cao	6	B								
30 Oct	N17W51	87	40	7	Cao	8	B								
31 Oct	N17W65	88	plage												
01 Nov	N17W79	89	plage												
								0	0	0	1	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 88

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 4267												
23 Oct	N01E67	59	80	2	Hsx	1	A	4							
24 Oct	N02E56	59	90	1	Hsx	1	A	4							
25 Oct	N01E45	57	140	3	Hsx	1	A	2			2				
26 Oct	N02E31	58	140	2	Hsx	1	A								
27 Oct	N02E16	60	110	2	Hsx	1	A								
28 Oct	N04E03	60	120	3	Cso	5	B	1							
29 Oct	N03W12	61	120	4	Cso	7	B								
30 Oct	N03W25	61	110	7	Cso	6	B								
31 Oct	N02W39	62	110	3	Cso	2	B								
01 Nov	N02W52	62	100	2	Cso	3	B	1			1				
02 Nov	N02W65	62	90	3	Cso	2	B	1			1				
								13	0	0	4	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 60

			Region 4268												
24 Oct	S10E02	113	10	2	Bxo	3	B								
25 Oct	S10W12	114	plage												
26 Oct	S10W26	115	plage												
27 Oct	S10W40	116	plage												
28 Oct	S10W54	117	plage												
29 Oct	S10W69	118	plage												
30 Oct	S10W83	119	plage												
								0	0	0	0	0	0	0	0

Crossed West Limb.
Absolute heliographic longitude: 113

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 4269												
25 Oct	S11E41	59	20	2	Cro	4	B								
26 Oct	S12E27	62	30	6	Cro	7	B								
27 Oct	S11E14	62	30	4	Cro	6	B								
28 Oct	S11W00	63	20	4	Cao	3	B								
29 Oct	S11W15	64	20	2	Hrx	2	A								
30 Oct	S11W28	64	20	2	Hrx	2	A								
31 Oct	S13W41	64	10	1	Axx	1	A								
01 Nov	S12W55	65	plage												
02 Nov	S12W69	66	plage												
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 63

			Region 4270												
27 Oct	S07W02	77	10	4	Bxo	5	B								
28 Oct	S06W16	79	10	4	Bxo	3	B								
29 Oct	S06W31	80	plage												
30 Oct	S06W46	82	plage												
31 Oct	S06W61	84	plage												
01 Nov	S06W76	86	plage												
								0	0	0	0	0	0	0	0

Died on Disk.
Absolute heliographic longitude: 77

			Region 4271												
30 Oct	S09E54	342	10	1	Axx	1	A								
31 Oct	S09E40	343	plage					1			1				
01 Nov	S09E26	344	plage												
02 Nov	S09E12	345	plage												
								1	0	0	1	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 345

			Region 4272												
01 Nov	N22E76	293	50	3	Hax	1	A								
02 Nov	N22E63	294	70	3	Cso	2	B								
								0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 294

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 4273													
02 Nov	S12E27	330	30	4	Dri	9	B	0	0	0	0	0	0	0	0

Still on Disk.
Absolute heliographic longitude: 330

Preliminary Report and Forecast of Solar Geophysical Data (The Weekly)

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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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