Solar activity ranged from low to moderate levels. Low levels were observed on 21-22 and 25-26 November. Moderate (R1-minor) levels were observed on 20 and 23-24 November. During the period, a total of 55 C-class and 4 M-class flares were observed from 13 different regions. Region 3492 (N19, L=345, class/area Ehi/380 on 24 Nov) was the most active region producing 23 C-class and 1 M-class flare.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at low to moderate levels during the period.

Geomagnetic field activity was at mostly quiet to unsettled levels on 20 and 23-24 November. Active, minor storm (G1-minor) and moderate (G2-moderate) levels were observed on 21-22 and 25-26 November. Quiet to minor storm levels were observed on 21-22 November due to positive polarity CH HSS influence. Minor to moderate storm levels were observed on 25 November due to CME and positive polarity CH HSS influence.

Space Weather Outlook 27 November - 23 December 2023

Solar activity is expected to be at very low to low levels on 02-12 December, with a chance for moderate (R1-minor) levels on 27-30 November, 01 December and 13-23 December.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach moderate to high levels on 30 November, 01-04 December and 07-09 December due to CH HSS influence.

Geomagnetic field activity is expected to be at unsettled to active levels on 27-28 November, 05-07 and 12-13 December. Unsettled to G1 (minor) levels are possible on 18-20 and 22-23 December. All activity is due to a variety of positive or negative polarity CH HSS influence.



Daily Solar Data

	Radio	Sun					F	Flares				
	Flux	spot				X-ray	<u>y</u>		Optical			
Date	10.7cm	No.	(10 ⁻⁶ hemi.)	Flux	C	M	X	S	1	2	3	4
20 November	157	127	770	C1.5	14	1 1	0	3	1	0	0	0
21 November	172	138	810	C1.7	12	2 0	0	7	0	0	0	0
22 November	190	174	880	C2.7	3	0	0	12	0	0	0	0
23 November	194	176	1560	C2.3	10) 2	0	3	0	0	0	0
24 November	178	184	1590	C1.2	7	1	0	9	2	0	0	0
25 November	176	179	1400	C1.1	3	0	0	3	0	0	0	0
26 November	180	169	1220	C1.0	5	0	0	4	0	0	0	0

Daily Particle Data

	Proton F (protons/cm		Electron Fluence (electrons/cm ² -day -sr)
Date	>1 MeV	>10 MeV	>2MeV
20 November	3.2e+05	1.8e+04	7.2e+06
21 November	5.7e+05	1.8e + 04	1.8e+06
22 November	1.7e + 05	1.8e + 04	3.4e+06
23 November	2.3e+04	1.9e+04	2.6e+07
24 November	1.5e + 05	1.9e+04	3.7e+07
25 November	9.6e+05	1.8e+04	1.9e+06
26 November	1.2e+05	1.8e+04	1.5e+06

Daily Geomagnetic Data

	Mi	ddle Latitude	H	igh Latitude		Estimated		
	Fr	edericksburg		College	Planetary			
Date	A	K-indices	A	K-indices	A	K-indices		
20 November	4	1-1-1-1-2-2-1	4	0-0-3-2-1-1-0-0	5	1-1-2-2-2-1-1-1		
21 November	15	1-2-4-3-4-3-2-3	31	0-1-5-3-6-6-2-3	18	1-2-4-3-4-4-3-4		
22 November	17	3-3-4-4-3-3-3-2	60	3-6-7-6-5-6-4-2	30	4-5-5-4-3-4-4-3		
23 November	4	2-2-2-1-1-1-0-1	8	1-1-4-3-3-1-0-0	7	3-2-3-1-2-1-1		
24 November	5	1-2-1-1-2-1-1-2	6	0-1-0-1-3-3-2-2	7	2-2-1-1-2-2-3		
25 November	18	_		2-2-7-6-6-6-6-3	38	3-3-5-5-5-6-4		
26 November	0	4-2-2-0-0-0-0-0	12	3-1-4-4-3-1-1-1	27	4-2-3-2-1-1-2		



Alerts and Warnings Issued

Date & Time of Issue UTC	Type of Alert or Warning	Date & Time of Event UTC
20 Nov 1711	CANCELLATION: Geomagnetic Storm Category G1 predicted	
21 Nov 0635	WARNING: Geomagnetic $K = 4$	21/0635 - 1200
21 Nov 0840	ALERT: Geomagnetic $K = 4$	
21 Nov 0852	WARNING: Geomagnetic $K = 5$	21/0851 - 1200
21 Nov 1154	EXTENDED WARNING: Geomagnetic K =	4 21/0635 - 1800
21 Nov 1658	EXTENDED WARNING: Geomagnetic K =	4 21/0635 - 22/0600
22 Nov 0153	EXTENDED WARNING: Geomagnetic K =	4 21/0635 - 22/1200
22 Nov 0449	WARNING: Geomagnetic $K = 5$	22/0448 - 1200
22 Nov 0601	ALERT: Geomagnetic $K = 5$	
22 Nov 0826	ALERT: Geomagnetic $K = 5$	
22 Nov 1147	EXTENDED WARNING: Geomagnetic K =	4 21/0635 - 22/2359
22 Nov 1148	EXTENDED WARNING: Geomagnetic K =	5 22/0448 - 1800
22 Nov 2356	EXTENDED WARNING: Geomagnetic K =	4 21/0635 - 23/0600
24 Nov 2056	WATCH: Geomagnetic Storm Category G1 predic	eted
25 Nov 0423	WARNING: Geomagnetic $K = 4$	25/0422 - 1800
25 Nov 0814	WARNING: Geomagnetic Sudden Impulse expec	ted 25/0824 - 0854
25 Nov 0818	WARNING: Geomagnetic $K = 5$	25/0824 - 1500
25 Nov 0843	ALERT: Geomagnetic $K = 4$	
25 Nov 0852	SUMMARY: Geomagnetic Sudden Impulse	25/0835
25 Nov 0901	ALERT: Geomagnetic $K = 5$	
25 Nov 1203	ALERT: Geomagnetic $K = 5$	
25 Nov 1327	ALERT: Geomagnetic $K = 5$	
25 Nov 1450	EXTENDED WARNING: Geomagnetic K =	4 25/0422 - 2359
25 Nov 1452	EXTENDED WARNING: Geomagnetic K =	5 25/0824 - 2100
25 Nov 1736	ALERT: Geomagnetic $K = 5$	
25 Nov 1928	ALERT: Geomagnetic $K = 5$	
25 Nov 2006	EXTENDED WARNING: Geomagnetic K =	4 25/0422 - 26/1200
25 Nov 2006	EXTENDED WARNING: Geomagnetic K =	5 25/0824 - 26/0600

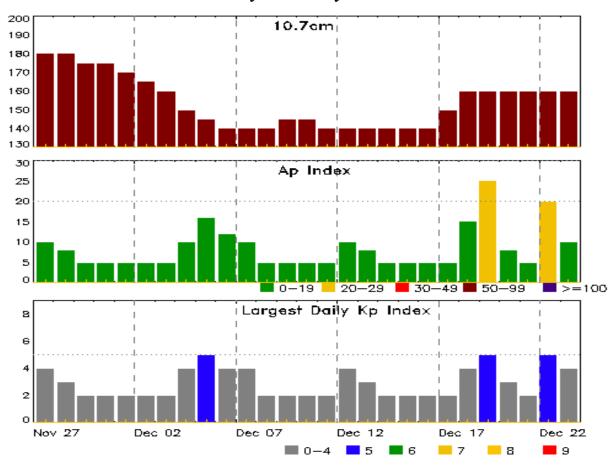


Alerts and Warnings Issued

Date & Time of Issue UTC		Date & Time of Event UTC
25 Nov 2006	ALERT: Geomagnetic K = 6	
25 Nov 2006	WARNING: Geomagnetic $K = 6$	25/2003 - 2359
26 Nov 0809	ALERT: Type II Radio Emission	26/0747
26 Nov 0826	ALERT: Type IV Radio Emission	26/0752
26 Nov 1155	EXTENDED WARNING: Geomagnetic K = 4	25/0422 - 26/1800



Twenty-seven Day Outlook



	Radio Flux	•	Largest		Radio Flux	•	•
Date	10.7cm	A Index	Kp Index	Date	10.7cm	A Index	Kp Index
27 Nov	180	10	4	11 D	ec 140	5	2
28	180	8	3	12	140	10	4
29	175	5	2	13	140	8	3
30	175	5	2	14	140	5	2
01 Dec	170	5	2	15	140	5	2
02	165	5	2	16	140	5	2
03	160	5	2	17	150	5	2
04	150	10	4	18	160	15	4
05	145	16	5	19	160	25	5
06	140	12	4	20	160	8	3
07	140	10	4	21	160	5	2
08	140	5	2	22	160	20	5
09	145	5	2	23	160	10	4
10	145	5	2				



Energetic Events

	T	Time			X-ray Optical Infor			P	eak	Sweep	Freq
		Half		Integ	g Imp/	Location Rgn		Radi	o Flux	Inter	nsity
Date	Begin M	Iax M	ax Cl	ass Flux	Brtns	Lat CN	/ID #	245	2695	II	IV
20 Nov	0854	0903	0912	M1.2	0.007			3492			
23 Nov	0259	0338	0405	M1.4	0.003				11	0	
23 Nov	1425	1437	1442	M1.0	0.006			3490	250	0	
24 Nov	0917	0933	0943	M1.1	0.011	1F	S16W02	3499			

Flare List

					(Optical	
		Time		X-ray	Imp/	Location	Rgn
Date	Begin	Max	End	Class	Brtns	Lat CMD	#
20 Nov	0308	0311	0318	C2.9			3491
20 Nov	0703	0706	0710	C3.8			3492
20 Nov	0720	0733	0736	C3.8			3492
20 Nov	0736	0742	0747	C3.3			3492
20 Nov	0830	0836	0842	C2.1			3492
20 Nov	0854	0903	0912	M1.2			3492
20 Nov	0918	0925	0930	C4.8			3492
20 Nov	1009	1014	1022	C5.0	SF	N27E68	3492
20 Nov	1223	1231	1239	C8.0			3492
20 Nov	1302	1312	1320	C2.7			3489
20 Nov	1358	1407	1413	C3.5			3492
20 Nov	1620	1623	1628	C2.1			3492
20 Nov	2008	2236	A2305		1F	N19E68	3492
20 Nov	2047	2057	2103	C2.8	SF	S13E34	3489
20 Nov	2103	2110	2114	C2.7			3492
20 Nov	2312	2313	2315		SF	N20E63	3492
20 Nov	2335	2342	2358	C3.1			3492
21 Nov	0107	0118	0126	C6.3			3493
21 Nov	0338	0345	0400	C6.6	SF	S16E32	3489
21 Nov	0529	0542	0553	C2.7			3492
21 Nov	0705	0713	0722	C3.7	SF	N16E63	3492
21 Nov	1106	1110	1114	C3.2			3492
21 Nov	1331	1336	1341	C3.5			3492
21 Nov	1348	1352	1358	C7.7			3492
21 Nov	1431	1436	1444	C3.9			3489
21 Nov	1614	1621	1630	C2.7	SF	N17E58	3492
21 Nov	1744	1854	2029		SF	N17E58	3492



Flare List

					Optical								
		Time		X-ray	Imp/	Location	Rgn						
Date	Begin	Max	End	Class	Brtns	Lat CMD	#						
21 Nov	2030	2043	2055		SF	N16E55	3492						
21 Nov	2126	2126	2130		SF	N24E48	3495						
21 Nov	2231	2240	2245	C2.6			3497						
21 Nov	2312	2319	2322	C2.8			3495						
21 Nov	2333	2340	2347	C4.4			3495						
21 Nov	2337	2338	2342		SF	N23E44	3495						
22 Nov	0104	0111	0116	C7.5	SF	N21E48	3495						
22 Nov	0151	0151	0158		SF	N15E53	3492						
22 Nov	B0446	0446	0448		SF	N21E46	3495						
22 Nov	0526	0528	0530		SF	N21E43	3495						
22 Nov	0617	0628	0637	C8.9	SF	N13E51	3492						
22 Nov	0918	0945	0950		SF	N13E49	3492						
22 Nov	1418	1421	1433		SF	N14E46	3492						
22 Nov	1442	1446	1517		SF	N14E46	3492						
22 Nov	1633	1635	1641		SF	S17E14	3489						
22 Nov	1636	1638	1701		SF	N13E45	3492						
22 Nov	1641	1642	1644		SF	N21E40	3495						
22 Nov	1753	1754	1757		SF	N22E41	3495						
22 Nov	2354	0003	0014	C6.3			3491						
23 Nov	0259	0338	0405	M1.4									
23 Nov	0538	0544	0548	C7.8	SF	N19E35	3492						
23 Nov	0706	0714	0732	C6.8	SF	N15E34	3492						
23 Nov	1235	1246	1258	C5.3			3490						
23 Nov	1258	1315	1327	C6.2									
23 Nov	1425	1437	1442	M1.0			3490						
23 Nov	1515	1521	1526	C3.8			3494						
23 Nov	1532	1538	1542	C5.9	SN	N21E17	3497						
23 Nov	1819	1828	1834	C2.6			3502						
23 Nov	1834	1841	1845	C3.3			3492						
23 Nov	2034	2039	2043	C9.1			3490						
23 Nov	2057	2105	2109	C4.0			3490						
24 Nov	0110	0116	0120	C2.0			3492						
24 Nov	0301	0303	0307	C2.2			3490						
24 Nov	0531	0541	0558	C3.3			3492						
24 Nov	0632	0702	0708	C3.3	SF	N25E13	3495						
24 Nov	B0850	U0853	0854		SF	N17E19	3492						
24 Nov	B0855	0855	0911		SF	N13E21	3502						
24 Nov	0917	0933	0943	M1.1	1F	S16W02	3499						



Flare List

					(Optical	
		Time		X-ray	Imp/	Location	Rgn
Date	Begin	Max	End	Class	Brtns	Lat CMD	#
24 Nov	B0949	U0951	1010		SF	N25E14	3495
24 Nov	B0950	U1017	A1032		SF	S14E35	3494
24 Nov	B0950	U0950	1011		SF	S12E27	3493
24 Nov	1011	1019	1025	C2.5			3494
24 Nov	1034	1042	1049	C7.5	1F	S15E34	3494
24 Nov	2202	2219	2248	C5.5			3490
24 Nov	2210	2213	2306		SF	N26E07	3495
24 Nov	2213	2213	2220		SF	N22E01	3490
24 Nov	2312	2318	2320		SF	N26E07	3495
25 Nov	0913	0918	0923	C2.1			3499
25 Nov	1356	1439	1451	C4.4			3503
25 Nov	1704	1711	1717	C1.5	SF	N21W12	3490
25 Nov	1802	1802	1803		SF	N21W10	3490
25 Nov	1826	1827	1833		SF	N20W10	3490
26 Nov	0319	0325	0332	C1.4			3490
26 Nov	0738	0743	0751	C3.6	SF	N19W17	3490
26 Nov	1252	1257	1305	C2.7			3500
26 Nov	1544	1551	1557	C1.3			3502
26 Nov	1600	1607	1619	C1.8	SF	S19E28	3500
26 Nov	1721	1721	1723		SF	S15W45	3489
26 Nov	2036	2038	2046		SF	N20W26	3490



Region Summary

	Location	on	Su	nspot C	haracte	ristics		Flares							
		Helio	Area	Extent	Spot	Spot	Mag	X	-ray			O	ptica	1	
Date	Lat CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4
		Rogia	on 3488												
1 4 37	NOOFE	_			**										
14 Nov	N29E76	51	30	1	Hrx	1	A								
15 Nov	N29E63	51	10	1	Axx	1	A								
16 Nov	N31E52	51	plage												
17 Nov	N31E38	49	plage												
18 Nov	N31E24	50	plage												
19 Nov	N31E10	51	plage												
20 Nov	N31W04	52	plage												
21 Nov	N31W18	53	plage												
22 Nov	N31W32	53	plage												
23 Nov	N31W46	54	plage												
24 Nov	N31W60	55	plage												
25 Nov	N31W74	56	plage												
26 Nov	N31W88	57	plage					0	0	0	0	0	0	0	0
Still on	Disk.							U	U	U	U	U	U	U	U
	e heliograp	hic lon	gitude: 5	2											
		n ·	2.400												
		Regu	on 3489												
17 Nov	S15E71	15	60	2	Cao	2	В	2							
18 Nov	S15E58	15	180	4	Dao	3	В	1							
19 Nov	S15E45	16	220	11	Eac	12	В	3			4				
20 Nov	S16E32	14	230	6	Dai	20	BD	2			1				
21 Nov	S16E18	16	220	7	Dac	14	В	2			1				
22 Nov	S16E04	17	220	7	Cai	14	В				1				
23 Nov	S14W09	16	120	5	Cai	7	В								
24 Nov	S15W23	18	60	4	Cai	6	В								
25 Nov	S15W36	18	30	3	Hrx	3	A								
26 Nov	S14W50	18	10	2	Axx	3	A		_	_	1	_	_	_	_
C4:11	D:-1-							10	0	0	8	0	0	0	0



	Location Sunspot Characteristics					Flares									
		Helio	Area	Extent	Spot	Spot	Mag	X	-ray			O	ptica	ıl	
Date	Lat CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4
		Regi	on 3490												
18 Nov	N18E69	344	80	5	Dao	5	В	3	3						
19 Nov	N23E65	355	150	13	Eac	8	В	6	3						
20 Nov	N17E47	240	40	1	Hax	1	A	Ü							
21 Nov	N20E36	358	120	6	Cao	4	В								
22 Nov	N20E22	359	150	6	Dac	9	BG								
23 Nov	N21E11	356	160	7	Dac	10	BGD	3	1						
24 Nov	N20W03	358	180	6	Dai	6	BD	2			1				
25 Nov	N21W16	358	110	4	Cao	6	В	1			3				
26 Nov	N22W27	356	90	3	Cai	6	В	2			2				
								17	4	0	6	0	0	0	0
Still on	Disk.														
	e heliograp	hic lor	ngitude: 3	58											
	<i>U</i> 1		C												
		Regi	on 3491												
19 Nov	N11E68	353	30	2	Hsx	1	Α	1			1				
20 Nov	N13E55	351	40	1	Hsx	1	A	1							
21 Nov	N13E41	353	40	1	Hsx	1	A								
22 Nov	N13E27	354	40	1	Hsx	1	A	1							
23 Nov	N11E18	351	60	1	Hsx	2	A								
24 Nov	N10E04	351	60	2	Hax	2	A								
25 Nov	N10W09	351	30	1	Hrx	2	A								
26 Nov	N11W23	352	plage												
								3	0	0	1	0	0	0	0
Still on															
Absolut	e heliograp	hic lor	ngitude: 3	51											
		Regi	on 3492												
20 Nov	N18E64	343	280	8	Dhi	7	BG	11	1		1	1			
20 Nov 21 Nov	N18E64 N18E50	345	280	8 10	Dni Dki	14	BG BG	6	1		4	1			
21 Nov 22 Nov	N18E30 N18E36	345	310	10	Ekc	33	BG	1			6				
22 Nov 23 Nov	N19E24	343	320	14	Ekc	26	BG	3			2				
23 Nov 24 Nov	N19E24 N19E11	345	380	13	Ehi	21	BG	2			1				
24 Nov 25 Nov	N19W03	345	240	11	Csi	11	В	<i>_</i>			1				
25 Nov 26 Nov	N19W03	343	210	7	Hax	9	A								
20 INOV	1117 11 10	J + I	210	,	пал	J	А	23	1	0	14	1	0	0	0
C4:11 on	Dial.							دے	1	U	14	1	J	U	J



-	Location	on	Su	nspot C	haracte	eristics			Flares									
		Helio	Area	Extent	Spot	Spot	Mag	X	K-ray			0	ptica	1				
Date	Lat CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4			
		Regio	on 3493															
20 Nov	S12E69	338	30	1	Hax	1	A											
21 Nov	S12E55	339	30	2	Hsx	1	A	1										
22 Nov	S12E43	338	40	5	Cso	3	В											
23 Nov	S12E32	335	70	3	Cso	2	В											
24 Nov	S13E17	338	80	4	Cso	2	В				1							
25 Nov	S13E05	337	90	3	Hsx	4	A											
26 Nov	S13W07	336	100	3	Cso	4	В											
								1	0	0	1	0	0	0	0			
Still on	Disk.																	
Absolut	e heliograp	hic lon	gitude: 3	37														
		Regio	on 3494															
20 Nov	S15E78	330	30	1	Hax	1	٨											
20 Nov 21 Nov	S15E78 S16E64	330	30	2	Hsx	1	A A											
21 Nov 22 Nov	S16E50	331	30	2	Hsx	12	A											
22 Nov	S10E30 S17E37	330	50	1	Hax	1	A	1										
24 Nov	S17E37 S18E23	332	60	2	Hsx	1	A	2			1	1						
25 Nov	S18E09	333	60	2	Hsx	2	A	2			1	1						
26 Nov	S17W03	332	70	2	Hsx	1	A											
201101	517 11 03	332	70	2	1157	1	71	3	0	0	1	1	0	0	0			
Still on																		
Absolut	e heliograp	hic lon	gitude: 3	32														
		Regio	on 3495															
20 Nov	N27E59	348	30	1	Hrx	2	A											
21 Nov	N27E45	349	30	1	Hrx	2	A	2			2							
22 Nov	N27E31	350	30	1	Hrx	2	A	1			5							
23 Nov	N25E18	349	10	2	Axx	1	A	-			٠							
24 Nov	N25E06	349	10	2	Axx	2	A	1			4							
25 Nov	N25W09	351	plage	_		_		-			•							
26 Nov	N25W23	352	plage															
•	· - · · - •		¥					4	0	0	11	0	0	0	0			
Ctill on	Diale																	



	Location	on	haracte	eristics		Flares											
		Helio	Area	Extent	Spot	Spot	Mag	X	-ray			O	ptica	ıl			
Date	Lat CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4		
		Regi	on 3496														
20 Nov	N09E36	12	10	4	Bxo	3	В										
21 Nov	N09E22	12	10	4	Bxo	3	В										
22 Nov	N09E08	13	10	4	Bxo	2	В										
23 Nov	N09W06	14	plage														
24 Nov	N09W20	15	plage														
25 Nov	N09W34	16	plage														
26 Nov	N09W48	17	plage														
								0	0	0	0	0	0	0	0		
Still on	Disk.																
Absolut	te heliograp	hic lon	igitude: 1	4													
		Regi	on 3497														
20 Nov	N16E50	357	80	1	Hsx	1	A										
21 Nov	N16E36	359	plage					1									
22 Nov	N16E22	359	plage														
23 Nov	N16E08	360	plage					1			1						
24 Nov	N17W06	360	plage														
25 Nov	N17W20	2	plage														
26 Nov	N17W34	3	plage														
								2	0	0	1	0	0	0	0		
Still on																	
Absolut	te heliograp	hic lon	igitude: 3	60													
21 Nov	S11W26	60	50	5	Cao	8	В										
22 Nov	S11W40	61	50	5	Dao	8	В										
23 Nov	S12W65	64	40	8	Cao	4	В										
24 Nov	S12W67	62	20	8	Hsx	1	A										
25 Nov	S11W87	69	30	1	Hrx	1	A										
								0	0	0	0	0	0	0	0		
Crossed	l West Lim	h															

Crossed West Limb. Absolute heliographic longitude: 60



	Locati	on	Su	Sunspot Characteristics							Flares								
		Helio	Area	Extent	Spot	Spot	Mag	X	K-ray			O	ptica	1					
Date	Lat CMD	Lon	10 ⁻⁶ hemi.	(helio)	Class	Count	Class	C	M	X	S	1	2	3	4				
		Regio	on 3499																
23 Nov	S18E04	3	90	6	Dsi	6	В												
24 Nov	S17W09	4	60	6	Dao	9	В		1			1							
25 Nov	S17W25	7	60	7	Cai	8	В	1											
26 Nov	S17W37	6	60	8	Cai	9	BG												
								1	1	0	0	1	0	0	0				
Still on																			
Absolut	e heliograp	ohic lon	gitude: 3																
		Regio	on 3500																
23 Nov	S18E65	302	520	7	Dko	6	BGD												
24 Nov	S19E50	305	530	9	Dkc	6	BGD												
25 Nov	S18E36	306	560	8	Dkc	13	BGD												
26 Nov	S19E23	306	470	6	Dkc	10	BGD	2			1								
								2 2	0	0	1	0	0	0	0				
Still on Absolut	Disk. e heliograp	hic lon	gitude: 3	06															
		n ·	2501																
		Regio	on 3501																
23 Nov	S10E73	295	120	2	Hsx	1	A												
24 Nov	S09E58	297	60	2	Hsx	1	Α												
25 Nov	S09E44	298	60	2	Hsx	1	A												
26 Nov	S09E32	297	60	2	Hsx	1	A	0	0	0	0	0	0	0	0				
Still on	Diale							0	0	0	0	0	0	0	0				
	e heliograp	hic lon	gitude: 2	97															
	0 1																		
		Regio	on 3502																
23 Nov	N14E27	342	plage					1											
24 Nov	N14E13	342	90	6	Dai	7	В				1								
25 Nov	N14W01	343	110	8	Cao	6	В												
26 Nov	N15W14	343	100	8	Cao	7	В	1											
								2	0	0	1	0	0	0	0				
Still on	Disk																		



	Location	on	Su	nspot C	haracte	ristics		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	
		Regi	on 3503													
25 Nov	N21E58	284	20	2	Cro	2	В	1								
26 Nov	N21E45	284	20	1	Cro	5	В									
								1	0	0	0	0	0	0	0	
Still on Absolut	Disk. e heliograp	hic lor	ngitude: 2	84												
		Regi	on 3504													
26 Nov	N14W65	33	30	1	Dro	4	В	0	0	0	0	0	0	0	0	
G . 111	D: 1								_	_		_	_			

Still on Disk.

Absolute heliographic longitude: 33



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

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U.S. Department of Commerce NOAA / National Weather Service Space Weather Prediction Center 325 Broadway, Boulder CO 80305

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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