

A L E R T P E R I O D S
The International Space Environment Service
JANUARY 2011

Julian Day	Date of Issue	Date of Obs	Wolf No.	10-cm Solar Flux	A- index	Rgn No.	Location		Flares			Date of Fcst	Region Fcst(1)	Geoadvice(1)
							Lat	Lon	Opt	M	X			
001	01	31	23	91	4	11138	N12	W70	0	0	0	01	Q	SOL: Quiet
						11140	N32	E67	0	0	0	01	Q	MAG: Quiet
									0	0	0	01		PRO: Quiet
002	02	01	65	91	4	11138	N17	W82	0	0	0	02	Q	SOL: Quiet
						11139	S30	E03	0	0	0	02	Q	MAG: Quiet
						11140	N32	E52	1	0	0	02	Q	PRO: Quiet
						11141	N35	W25	0	0	0	02	Q	
						11142	S14	E33	0	0	0	02	Q	
003	03	02	38	91	2	11140	N32	E40	0	0	0	03	Q	SOL: Quiet
						11141	N34	W39	0	0	0	03	Q	MAG: Quiet
						11142	S12	E21	0	0	0	03	Q	PRO: Quiet
004	04	03	51	92	3	11140	N32	E25	0	0	0	04	Q	SOL: Quiet
						11141	N35	W50	0	0	0	04	Q	MAG: Quiet
						11142	S13	E07	1	0	0	04	Q	PRO: Quiet
005	05	04	54	91	5	11140	N34	E14	0	0	0	05	Q	SOL: Quiet
						11141	N35	W64	0	0	0	05	Q	MAG: Quiet
						11142	S12	W05	0	0	0	05	Q	PRO: Quiet
006	06	05	50	88	2	11140	N34	E01	0	0	0	06	Q	SOL: Quiet
						11141	N34	W76	0	0	0	06	Q	MAG: Quiet
						11142	S13	W18	0	0	0	06	Q	PRO: Quiet
007	07	06	28	87	5	11140	N33	W11	0	0	0	07	Q	SOL: Quiet
						11142	S14	W32	0	0	0	07	Q	MAG: Active
									0	0	0	07		PRO: Quiet
008	08	07	52	86	11	11139	S27	W74	0	0	0	08	Q	SOL: Quiet
						11140	N33	W24	0	0	0	08	Q	MAG: Quiet
						11142	S14	W45	0	0	0	08	Q	PRO: Quiet
						11143	S22	E16	0	0	0	08	Q	
009	09	08	52	85	8	11139	S29	W87	0	0	0	09	Q	SOL: Quiet
						11140	N33	W36	0	0	0	09	Q	MAG: Quiet
						11142	S15	W56	0	0	0	09	Q	PRO: Quiet
						11143	S23	E02	0	0	0	09	Q	
010	10	09	50	83	5	11140	N32	W49	0	0	0	10	Q	SOL: Quiet
						11142	S17	W75	0	0	0	10	Q	MAG: Quiet
						11144	S16	W36	0	0	0	10	Q	PRO: Quiet
						11145	N15	E39	0	0	0	10	Q	
011	11	10	35	83	6	11140	N32	W61	0	0	0	11	Q	SOL: Quiet
						11145	N16	E27	0	0	0	11	Q	MAG: Quiet
						11146	N23	E46	0	0	0	11	Q	PRO: Quiet
012	12	11	26	83	6	11140	N33	W74	0	0	0	12	Q	SOL: Quiet
						11146	N23	E33	0	0	0	12	Q	MAG: Quiet
									0	0	0	12		PRO: Quiet
013	13	12	23	80	7	11140	N32	W87	0	0	0	13	Q	SOL: Quiet
						11146	N24	E19	0	0	0	13	Q	MAG: Quiet
									0	0	0	13		PRO: Quiet
014	14	13	14	80	4	11146	N23	E06	0	0	0	14	Q	SOL: Quiet
									0	0	0	14		MAG: Quiet
									0	0	0	14		PRO: Quiet
015	15	14	11	79	6	11145	N16	W25	0	0	0	15	Q	SOL: Quiet
									0	0	0	15		MAG: Quiet
									0	0	0	15		PRO: Quiet
016	16	15	11	80	6	11147	N24	E80	0	0	0	16	Q	SOL: Eruptive
									0	0	0	16		MAG: Quiet
									0	0	0	16		PRO: Quiet

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							Lat	Lon	Opt	M	X			
017	17	16	15	80	4	11147	N27	E65	0	0	0	17	Q	SOL: Quiet
									0	0	0	17		MAG: Quiet
									0	0	0	17		PRO: Quiet
018	18	17	36	82	5	11147	N25	E52	0	0	0	18	Q	SOL: Quiet
						11148	S28	W32	0	0	0	18	Q	MAG: Quiet
									0	0	0	18		PRO: Quiet
019	19	18	34	81	4	11147	N26	E37	0	0	0	19	Q	SOL: Quiet
						11148	S28	W46	0	0	0	19	Q	MAG: Quiet
									0	0	0	19		PRO: Quiet
020	20	19	28	81	7	11147	N25	E22	0	0	0	20	Q	SOL: Quiet
						11148	S28	W57	0	0	0	20	Q	MAG: Quiet
									0	0	0	20		PRO: Quiet
021	21	20	32	82	5	11147	N24	E09	0	0	0	21	Q	SOL: Quiet
						11148	S28	W72	0	0	0	21	Q	MAG: Quiet
									0	0	0	21		PRO: Quiet
022	22	21	42	88	2	11147	N24	W07	0	0	0	22	Q	SOL: Eruptive
						11149	N18	W05	3	0	0	22	Q	MAG: Quiet
									0	0	0	22		PRO: Quiet
023	23	22	36	88	4	11147	N24	W22	0	0	0	23	Q	SOL: Eruptive
						11149	N18	W19	0	0	0	23	E	MAG: Quiet
									0	0	0	23		PRO: Quiet
024	24	23	38	84	1	11147	N24	W36	0	0	0	24	Q	SOL: Eruptive
						11149	N18	W32	0	0	0	24	E	MAG: Quiet
									0	0	0	24		PRO: Quiet
025	25	24	28	83	3	11147	N24	W49	0	0	0	25	Q	SOL: Eruptive
						11149	N16	W45	0	0	0	25	E	MAG: Quiet
									0	0	0	25		PRO: Quiet
026	26	25	27	81	5	11147	N24	W65	0	0	0	26	Q	SOL: Quiet
						11149	N17	W62	0	0	0	26	Q	MAG: Quiet
									0	0	0	26		PRO: Quiet
027	27	26	25	80	3	11147	N24	W77	0	0	0	27	Q	SOL: Quiet
						11149	N17	W77	1	0	0	27	Q	MAG: Quiet
									0	0	0	27		PRO: Quiet
028	28	27	0	81	3				0	0	0	28		SOL: Quiet
									0	0	0	28		MAG: Quiet
									0	0	0	28		PRO: Quiet
029	29	28	27	81	5	11150	S22	E62	2	0	0	29	Q	SOL: Quiet
						11151	N09	W60	0	0	0	29	Q	MAG: Quiet
									0	0	0	29		PRO: Quiet
030	30	29	27	81	4	11150	S22	E50	1	0	0	30	Q	SOL: Quiet
						11151	N11	W71	0	0	0	30	Q	MAG: Quiet
									0	0	0	30		PRO: Quiet
031	31	30	22	83	2	11150	S21	E37	0	0	0	31	Q	SOL: Quiet
									0	0	0	31		MAG: Quiet
									0	0	0	31		PRO: Quiet

(1) Region Forecast and Flare (SOL) Advice

Q = Quiet (<50% probability of C-class flares)

E = Eruptive (C-class flares expected, probability >=50%)

A = Active (M-class flares expected, probability >=50%)

M = Major (X-class flares expected, probability >=50%)

P = Proton (Proton flares expected, probability >=50%)

W = Warning (activity levels are expected to increase, but no numerical forecast given)

/ = No forecast available

Magnetic (MAG) Geoadvice

'Quiet'

'Active' conditions expected (A>=20 or K=4)

'Minor'	storm expected	(A>=30 or K=5)
'Major'	storm expected	(A>=50 or K>=6)
'Severe'	storm expected	(A>=100 or K>=7)
'IP'	magstorm in progress	(A>=30 or K>=4)
'Warning'	(activity levels are expected to increase, but no numerical forecast given)	
'/'	no forecast available	

Proton (PRO) Geoadvice

'Quiet'		
'Proton'	event expected	(10pfu at >10MeV)
'Major'	proton event expected	(100pfu at >100 MeV)
'IP'	proton event in progress	(>10 MeV)
'Warning'	(activity levels are expected to increase, but no numerical forecast given)	
'/'	no forecast available	
