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

APRIL 2004

Julian Day	Date of Issue	Date of Obs	Wolf No.	10-cm Solar Flux	A-index	Rgn No.	Location Lat	Location Lon	Flares Opt	Flares M	Flares X	Date of Fcst	Region Fcst(1)	Geoadvice(1)
092	01	31	95	121	10	10581	S05	W15	0	0	0	01	Q	SOL: Eruptive
						10582	N14	W09	6	0	0	01	E	MAG: Quiet
						10585	S15	W01	0	0	0	01	Q	PRO: Quiet
						10587	S13	E37	0	0	0	01	Q	
093	02	01	100	113	6	10581	S05	W28	0	0	0	02	Q	SOL: Eruptive
						10582	N14	W22	0	0	0	02	E	MAG: Quiet
						10585	S15	W14	0	0	0	02	Q	PRO: Quiet
						10587	S13	E24	0	0	0	02	Q	
						10588	S12	E74	0	0	0	02	Q	
094	03	02	99	108	4	10581	S05	W41	0	0	0	03	Q	SOL: Eruptive
						10582	N14	W35	0	0	0	03	E	MAG: Quiet
						10585	S15	W27	0	0	0	03	Q	PRO: Quiet
						10587	S13	E11	0	0	0	03	E	
						10588	S12	E64	0	0	0	03	Q	
095	04	03	68	107	26	10581	S05	W55	0	0	0	04	Q	SOL: Eruptive
						10582	N14	W51	0	0	0	04	Q	MAG: Active
						10587	S13	W03	0	0	0	04	E	PRO: Quiet
						10588	S12	E51	0	0	0	04	Q	
096	05	04	69	109	19	10581	S04	W68	0	0	0	05	Q	SOL: Quiet
						10582	N14	W66	0	0	0	05	Q	MAG: Active
						10587	S14	W17	0	0	0	05	Q	PRO: Quiet
						10588	S16	E40	0	0	0	05	Q	
097	06	05	85	109	22	10581	S04	W83	0	0	0	06	Q	SOL: Eruptive
						10582	N14	W81	0	0	0	06	Q	MAG: Active
						10587	S14	W31	0	0	0	06	Q	PRO: Quiet
						10588	S15	E25	1	1	0	06	Q	
						10589	N10	E54	0	0	0	06	Q	
098	07	06	66	101	23	10582	N14	W96	0	0	0	07	Q	SOL: Eruptive
						10587	S13	W45	0	0	0	07	Q	MAG: Active
						10588	S15	E14	3	1	0	07	E	PRO: Quiet
						10589	N10	E43	0	0	0	07	Q	
099	08	07	57	98	13	10587	S13	W59	0	0	0	08	Q	SOL: Eruptive
						10588	S17	E01	0	0	0	08	Q	MAG: Active
						10589	N11	E29	0	0	0	08	Q	PRO: Quiet
						10590	S09	W71	0	0	0	08	Q	
100	09	08	33	94	18	10587	S13	W72	0	0	0	09	Q	SOL: Eruptive
						10588	S16	W13	1	0	0	09	Q	MAG: Minor
									0	0	0	09		PRO: Quiet
101	10	09	18	90	17	10588	S15	W26	1	0	0	10	Q	SOL: Eruptive
									0	0	0	10		MAG: Active
									0	0	0	10		PRO: Quiet
102	11	10	20	88	12	10588	S15	W38	0	0	0	11	Q	SOL: Eruptive
									0	0	0	11		MAG: Active
									0	0	0	11		PRO: Quiet
103	12	11	16	90	10	10588	S15	W55	1	0	0	12	P	SOL: Eruptive
									0	0	0	12		MAG: Active
									0	0	0	12		PRO: IP
104	13	12	37	91	13	10588	S15	W68	1	0	0	13	Q	SOL: Eruptive
						10591	S15	E01	0	0	0	13	Q	MAG: Active
									0	0	0	13		PRO: Quiet
105	14	13	41	93	7	10588	S13	W80	0	0	0	14	Q	SOL: Quiet
						10591	S16	W13	0	0	0	14	Q	MAG: Quiet
						10592	S12	E59	0	0	0	14	Q	PRO: Quiet

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106	15	14	69	95	5	10588	S13	W92	0	0	0	15	Q	SOL: Eruptive
						10591	S16	W25	1	0	0	15	E	MAG: Quiet
						10592	S12	E46	0	0	0	15	Q	PRO: Quiet
						10593	S20	E43	0	0	0	15	Q	
						10594	N15	E69	0	0	0	15	Q	
107	16	15	60	97	6	10591	S16	W38	1	1	0	16	E	SOL: Eruptive
						10592	S12	E33	0	0	0	16	Q	MAG: Quiet
						10593	S20	E30	0	0	0	16	Q	PRO: Quiet
						10594	N15	E56	0	0	0	16	Q	
108	17	16	53	97	15	10591	S16	W52	0	0	0	17	Q	SOL: Eruptive
						10592	S11	E19	0	0	0	17	Q	MAG: Quiet
						10594	N15	E40	0	0	0	17	Q	PRO: Quiet
						10595	S09	E68	0	0	0	17	Q	
109	18	17	55	98	9	10591	S16	W65	0	0	0	18	Q	SOL: Eruptive
						10592	S11	E06	0	0	0	18	Q	MAG: Quiet
						10594	N15	E27	0	0	0	18	Q	PRO: Quiet
						10595	S09	E55	0	0	0	18	Q	
110	19	18	92	109	12	10591	S17	W79	0	0	0	19	Q	SOL: Eruptive
						10592	S10	W08	0	0	0	19	Q	MAG: Quiet
						10593	S18	W11	0	0	0	19	Q	PRO: Quiet
						10594	N15	E14	0	0	0	19	Q	
						10595	S08	E40	0	0	0	19	Q	
						10596	S08	E60	0	0	0	19	Q	
111	20	19	108	113	7	10592	S10	W21	0	0	0	20	Q	SOL: Eruptive
						10593	S18	W24	0	0	0	20	Q	MAG: Quiet
						10594	N15	E00	0	0	0	20	Q	PRO: Quiet
						10595	S07	E27	0	0	0	20	Q	
						10596	S09	E44	2	0	0	20	E	
112	21	20	96	111	7	10593	S19	W37	0	0	0	21	Q	SOL: Eruptive
						10594	N15	W13	0	0	0	21	Q	MAG: Quiet
						10595	S07	E13	0	0	0	21	Q	PRO: Quiet
						10596	S09	E31	1	0	0	21	E	
						10597	S06	W60	0	0	0	21	Q	
113	22	21	98	113	9	10593	S18	W51	0	0	0	22	Q	SOL: Eruptive
						10595	S06	E00	0	0	0	22	Q	MAG: Quiet
						10596	S07	E19	5	0	0	22	E	PRO: Quiet
						10597	S06	W72	0	0	0	22	Q	
						10598	S05	W30	0	0	0	22	Q	
114	23	22	90	117	8	10593	S19	W64	0	0	0	23	Q	SOL: Eruptive
						10595	S07	W14	1	0	0	23	Q	MAG: Quiet
						10596	S08	E04	11	1	0	23	E	PRO: Quiet
						10597	S07	W84	6	0	0	23	Q	
						10598	S07	W45	0	0	0	23	Q	
115	24	23	63	115	17	10595	S07	W26	0	0	0	24	Q	SOL: Eruptive
						10596	S08	W09	0	0	0	24	E	MAG: Quiet
						10597	S08	W91	12	2	0	24	E	PRO: Quiet
116	25	24	64	112	11	10595	S08	W38	0	0	0	25	Q	SOL: Eruptive
						10596	S09	W21	0	0	0	25	Q	MAG: Quiet
						10599	N14	E51	2	0	0	25	E	PRO: Quiet
117	26	25	45	107	12	10596	S08	W36	0	0	0	26	Q	SOL: Eruptive
						10599	N16	E28	7	1	0	26	E	MAG: Quiet
									0	0	0	26		PRO: Quiet
118	27	26	47	100	6	10596	S08	W52	0	0	0	27	Q	SOL: Eruptive
						10599	N15	E14	2	0	0	27	E	MAG: Quiet
						10600	N18	W06	0	0	0	27	Q	PRO: Quiet

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119	28	27	28	95	5	10596	S08	W67	0	0	0	28	Q	SOL: Eruptive
						10599	N14	E02	0	0	0	28	Q	MAG: Quiet
									0	0	0	28		PRO: Quiet
120	29	28	32	90	10	10596	S08	W79	0	0	0	29	Q	SOL: Quiet
						10599	N15	W11	0	0	0	29	Q	MAG: Quiet
									0	0	0	29		PRO: Quiet
121	30	29	25	89	5	10596	S07	W92	0	0	0	30	Q	SOL: Eruptive
						10599	N16	W26	0	0	0	30	Q	MAG: Quiet
									0	0	0	30		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	

STRATWARM ALERTS - NONE