

Storm Team Mission Data										
X-ray	A	B	C	D	E	F	G	H	I	J
Table Headings	UTC	Protons	Category	Descriptor	Change	Rate	Time to Next Critical Level*	Projected X-Ray Flux in 1 Hour	Category	Descriptor
Units	HH:MM	X-Ray Flux	From R1 to R5	From Minor to Extreme	Amount of Protons	Protons/Min	Minutes	X-Ray Flux	From R1 to R5	From Minor to Extreme
Calculations	From Data	From Data	See Reference Guide	See Reference Guide	B-Previous B	B /15 min	$\frac{\text{Critical Value} - B}{F}$	(F x 60 min) + B	See Reference Guide	See Reference Guide
	15:00	90	R2	Moderate	n/a	6	1.67	450	R3	Strong
	15:15	880	R3	Strong	790	59	2.05	4400	R5	Extreme
rev.	15:30	1,920	R4	Severe	1,040	128	0.63	9600	R5	Extreme
12/5/02	15:45	1,210	R4	Severe	-710	81	9.79	6050	R5	Extreme
	16:00	119	R3	Strong	-1,091	8	111.05	595	R3	Strong
	16:15	65	R2	Moderate	-54	4	8.08	325	R3	Strong
	16:30	1,999	R4	Severe	1,934	133	0.01	9995	R5	Extreme
	16:45	1,704	R4	Severe	-295	114	2.61	8520	R5	Extreme
	17:00	454	R3	Strong	-1,250	30	18.04	2270	R5	Extreme
	17:15	236	R3	Strong	-218	16	48.56	1180	R4	Severe
	17:30	134	R3	Strong	-102	9	96.94	670	R3	Strong
	17:45	99	R2	Moderate	-35	7	0.15	495	R3	Strong
	18:00	221	R3	Strong	122	15	52.87	1105	R4	Severe
	18:15	395	R3	Strong	174	26	22.97	1975	R4	Severe
	18:30	89	R2	Moderate	-306	6	1.85	445	R3	Strong
	18:45	68	R2	Moderate	-21	5	7.06	340	R3	Strong