P R I N C I P A L M A G N E T I C S T O R M S

OCTOBER 2002

Sta	Geomag Lat	Commencement Day	Commencement Time (UT)	Type	SC Amplitudes D (Min)	SC Amplitudes H (Gamma)	SC Amplitudes Z (Gamma)	Maximum 3-Hour K Index Day(3-Hour Periods)	K	Ranges D (Min)	Ranges H (Gamma)	Ranges Z (Gamma)	End Day	End Hour (UT)
BJI	28.8N	01	0115	SC	1.1	6	0	01(4)	7	14	222	50	02	18
KRC	16.4N	01	1606	SC	- 11	124	54	01(4,6)	7	11	184	63	02	04
UJJ	13.6N	01	0600	..	..	..	..		-	2	247	38	02	15
NGP	11.3N	01	0600	..	..	..	..		-	6	310	30	02	15
ABG	09.4N	01	0600	..	..	..	..	01(4)	7	5	309	39	02	15
HYB	07.6N	01	0300	..	..	..	..	01(5)	8	5	324	39	05	23
PND	02.0N	01	0600	..	..	..	..		-	3	323	116	02	15
TIR	00.6S	01	0600	..	..	..	..		-	5	373	164	02	15
HER	33.6S	01	06--	..	..	..	..	02(6,8)	6	47	234	186	02	12
GNA	43.0S	01	0300	..	..	..	..	01(5,6)	6	40	193	286	02	21
CAN	43.6S	01	0600	..	..	..	..	01(5)	6	26	185	83	02	21
GNA	43.0S	02	2100	..	..	..	..	03(5,6,7,8) 04(3,4) 05(4,5)	5	21	115	173	05	21
CAN	43.6S	02	2100	..	..	..	..	04(3)	6	25	167	77	05	03
KRC	16.4N	03	1700	..	..	..	..	03(7)	6	6	115	49	04	03
UJJ	13.6N	03	0700	..	..	..	..		-	3	130	40	04	22
NGP	11.3N	03	0700	..	..	..	..		-	6	176	27	04	22
ABG	09.4N	03	0700	..	..	..	..	03(7)	6	5	171	51	04	22
PND	02.0N	03	0700	..	..	..	..		-	3	187	116	04	22
TIR	00.6S	03	0700	..	..	..	..		-	4	268	97	04	22
HER	33.6S	03	15--	..	..	..	..	03(7,8) 04(7,8)	5	25	113	118	05	06
UJJ	13.6N	06	2100	..	..	..	..		-	4	94	33	08	19
NGP	11.3N	06	2100	..	..	..	..		-	4	98	30	08	19
ABG	09.4N	06	2100	..	..	..	..	07(5,7)	-	4	105	46	08	19
HYB	07.6N	06	1600	..	..	..	..	07(5,6,7) 08(5)	5	4	148	31	09	23
PND	02.0N	06	2100	..	..	..	..		-	3	121	88	08	19
TIR	00.6S	06	2100	..	..	..	..		-	--	--	--	08	19
HER	33.6S	06	18--	..	..	..	..	07(8)	5	27	93	96	08	21
UJJ	13.6N	14	0630	..	..	..	..		-	4	149	33	14	21
NGP	11.3N	14	0630	..	..	..	..		-	3	192	23	14	21
ABG	09.4N	14	0630	..	..	..	..	14(4)	6	4	180	45	14	21
HYB	07.6N	14	0200	..	..	..	..	14(5)	6	6	197	39	17	09
PND	02.0N	14	0630	..	..	..	..		-	3	195	57	14	21
TIR	00.6S	14	0630	..	..	..	..		-	4	261	72	14	21
HER	33.6S	16	16--	..	..	..	..	16(7)	5	19	59	87	17	09
BJI	28.8N	23	15--	..	..	..	..	24(5)	6	12	139	34	25	19
UJJ	13.6N	23	2200	..	..	..	..		-	4	117	24	15	18
NGP	11.3N	23	2200	..	..	..	..		-	4	134	22	15	18
ABG	09.4N	23	2200	..	..	..	..	24(4)	7	4	140	28	15	18
HYB	07.6N	23	0500	..	..	..	..	24(5,6)	6	6	179	24	26	21
PND	02.0N	23	2200	..	..	..	..		-	3	152	61	15	18
TIR	00.6S	23	2200	..	..	..	..		-	4	200	91	15	18
HER	33.6S	23	10--	..	..	..	..	24(5,8) 25(1)	5	32	139	110	29	12
GNA	43.0S	23	1500	..	..	..	..	24(4,5,6)	5	22	136	171	25	21
KRC	16.4N	24	1100	..	..	..	..	24(4)	6	5	96	68	25	14
CAN	43.6S	24	0600	..	..	..	..	24(4,5,6) 25(5)	5	21	168	51	25	21
GNA	43.0S	26	0600	..	..	..	..	26(6,7)	5	15	85	84	27	03
HYB	07.6N	27	0500	..	..	..	..	27(5,6)	5	4	134	27	31	22

Stations:

ABG = ALIBAG
AMS = MARTIN DE VIVIES
ANN = ANNAMALAINAGAR
BJI = BEIJING
CAN = CANBERRA
CMO = COLLEGE
CZT = PORT ALFRED
DRV = DUMONT D'URVILLE
ETT = ETAIYAPURAM
GNA = GNANGARA
GUA = GUAM
HER = HERMANUS
HON = HONOLULU
HYB = HYDERABAD
JAI = JAIPUR
KRC = KARACHI
NGP = NAGPUR
PAF = PORT AUX FRANCAIS
PMG = PORT MORESBY
PND = PONDICHERRY
SHL = SHILLONG
SIT = SITKA
TIR = TIRUNELVELI
UJJ = UJJAIN