

PRINCIPAL MAGNETIC STORMS
MAY 2002

Sta	Geomag Lat	Commencement Time (UT)		Type	SC Amplitudes			Maximum 3-Hour K Index Day(3-Hour Periods)	Ranges			End Hour Day (UT)	
		Day	Time		D (Min)	H (Gamma)	Z (Gamma)		K (Min)	H (Gamma)	Z (Gamma)		
HYB	07.6N	06	0500	..	..	..	..	06(4,5,6) 07(1,6)	3	7	127	21	09 21
ETT	00.7S	06	0500	..	..	..	..		-	5	200	42	09 18
HYB	07.6N	10	1125	SC	- 0.3	22	- 2	10(4,8)	4	5	48	11	11 01
ETT	00.7S	10	1124	SC	- 0.4	27	21		-	2	50	16	10 24
BJI	28.8N	11	1014	SC	1.3	16	3	11(4)	6	11	140	22	12 06
KRC	16.4N	11	1002	SC	- 3	39	21	11(4,5)	6	10	130	66	12 10
UJJ	13.6N	11	1013	SC	- 0.6	22	- 7		-	6	143	19	12 03
NGP	11.3N	11	1013	SC	- 0.3	23	- 4		-	6	163	15	12 03
ABG	09.4N	11	1013	SC	- 0.6	21	- 11	11(4)	6	7	157	25	12 03
HYB	07.6N	11	1015	SC	- 0.4	23	- 1	11(5,6)	6	8	158	38	12 24
PND	02.0N	11	1013	SC	- 0.3	23	21		-	5	165	74	12 03
TIR	00.6S	11	1013	SC	- 0.7	31	34		-	2	178	67	12 03
ETT	00.7S	11	1015	SC	- 0.4	30	25		-	7	209	85	12 17
HER	33.6S	11	1016	SC	..	28	38	11(5,6,7) 12(1)	5	32	176	146	12 04
HYB	07.6N	13	1200	..	..	..	..	14(4,7)	4	7	155	37	15 21
UJJ	13.6N	14	0030	..	..	..	..		-	6	87	25	15 03
NGP	11.3N	14	0030	..	..	..	..		-	7	108	20	15 03
ABG	09.4N	14	0030	..	..	..	..	14(1,4)	5	6	98	33	15 03
PND	02.0N	14	0030	..	..	..	..		-	5	115	57	15 03
TIR	00.6S	14	0030	..	..	..	..		-	6	179	62	15 03
ETT	00.7S	14	0000	..	..	..	..		-	5	177	62	15 21
HER	33.6S	14	00--	..	..	..	..	14(7)	5	27	90	77	15 03
BJI	28.8N	18	2018	SC	1.3	59	3	18(7)	7	14	120	36	19 09
KRC	16.4N	18	2010	SC	- 3	75	39	18(7)	6	9	99	54	19 18
UJJ	13.6N	18	2007	SC*	--	49	- 10		-	4	81	27	19 14
NGP	11.3N	18	2007	SC*	- 0.4	49	- 5		-	5	76	21	19 14
ABG	09.4N	18	2007	SC*	- 0.4	46	- 6	18(7,8) 19(2)	5	4	86	37	19 14
HYB	07.6N	18	2010	SC	0	45	- 1	18(7,8)	5	4	86	20	19 14
PND	02.0N	18	2007	SC*	- 0.1	38	30		-	3	96	75	19 14
TIR	00.6S	18	2007	SC*	- 0.2	25	22		-	3	116	91	19 14
ETT	00.7S	18	2009	SC	0	30	38		-	2	108	80	19 14
HER	33.6S	18	2011	SC	2	30	26	18(7,8)	5	13	63	72	19 08
HYB	07.6N	20	0341	SC	- 0.3	18	- 1	20(2,4,7)	3	4	165	15	20 19
ETT	00.7S	20	0341	SC	- 0.4	40	21		-	2	137	76	20 19
HER	33.6S	20	0343	SC	2	7	6	20(3,4,7)	3	18	63	37	20 19
HYB	07.6N	21	2204	SC	- 0.4	20	- 1	23(5,6)	7	7	220	37	23 23
ETT	00.7S	21	2203	SC	- 0.3	15	16		-	6	300	157	23 23
BJI	28.8N	23	1050	SC	3.8	63	5	23(5)	8	11	24	22	23 22
KRC	16.4N	23	1050	SC	- 4	104	56	23(5)	8	14	274	126	24 08
UJJ	13.6N	23	1049	SC	- 1.2	48	- 10		-	7	226	35	23 24
NGP	11.3N	23	1049	SC	- 0.6	--	- 8		-	6	--	35	23 24
ABG	09.4N	23	1049	SC	- 1.4	46	- 15	23(5)	7	8	255	44	23 24
HYB	07.6N	23	1050	SC	- 1.1	50	- 4		-	--	--	--	--
PND	02.0N	23	1049	SC	- 0.7	40	49		-	5	244	149	23 24
TIR	00.6S	23	1049	SC	- 1.5	56	69		-	6	239	168	23 24
ETT	00.7S	23	1049	SC	- 0.9	65	54		-	--	--	--	--
HER	33.6S	23	1052	SC	3	21	19	23(5,6)	7	33	235	249	23 24
HYB	07.6N	26	1500	..	..	..	..	27(3)	5	7	116	45	29 03
ETT	00.7S	26	1500	..	..	..	..		-	4	197	97	28 23
HYB	07.6N	30	0203	SC	- 0.3	13	- 1		-	--	--	--	--
ETT	00.7S	30	0204	SC	- 0.1	18	11		-	--	--	--	--

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