

Table 3: Largest substorm events of SME > 3000 nT since 1986.

year	month	day	hour	min	SME (nT)	Notes (reference etc.)
1986		2	8	20	40	3384
1991		3	24	3	57	3377
2000		7	15	14	30	3204
2000		7	15	17	52	3245
2001		11	24	6	48	3846
2001		11	24	13	39	3635
2003		5	29	19	11	3306
2003		10	29	6	30	3244 Nakamura et al. (2015)
2003		10	29	19	45	3315
2003		10	30	19	47	3929
2004		7	27	12	37	3751
2005		1	21	17	24	3709 Hajra and Tsurutani (2
2005		5	15	8	26	3269
2017		9	8	0	4	3570

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