



50	06.11.2004	01:31	FH	646	9	-81.5	no	M9.3 M5.9	00:11 00:44	N09E05	10696	$\beta\gamma\delta$				22	07/11 18.27	07/11-22.00 09/11-10.00	761	09/11	10:00	638	17.2	-44.9	08/11	03:00	>>3h	3.4	78948	yes	SH+MC	-373	08/11	06:00	
51	06.11.2004	02:06	PH	1258	28	18.8	no	M3.6	01:40	N09E06	10696	$\beta\gamma\delta$				22	07/11 18.27	07/11-22.00 09/11-10.00	761	09/11	10:00	638	17.2	-44.9	08/11	03:00	>>3h	3.4	78948	yes	SH+MC	-373	08/11	06:00	
52	07.11.2004	16:54	FH	1696	22	-19.7	no	X2	15:42	N09W17	10696	$\beta\gamma\delta$				23	09/11 18.25(W)	09/11-20.00 11/11-23.00	809	09/11	23:00	645	14.3	-24.7	10/11	06:00	>3h	7.4	64779	yes	Complex	-289	10/11	09:00	
53	08.11.2004	03:54	FH	556	18	7.8	no	C7.9	03:35	N08W20	10696	$\beta\gamma\delta$				23	09/11 18.25(W)	09/11-20.00 11/11-23.00	809	09/11	23:00	645	14.3	-24.7	10/11	06:00	>3h	7.4	64779	yes	Complex	-289	10/11	09:00	
																	<b>2005</b>																		
54	11.05.2005	20:13	FH	495	20	-5.4	no	M1.1	19:22	S09W53	10758	$\beta\gamma$				24	15/05 02.38	15/05-06.00 19/05-00.00	959	15/05	09:00	608	14.2	-38	15/05	06:00	2h	1.5	57202	yes	SH+MC	-263	15/05	08:00	
55	13.05.2005	17:12	FH	1689!	9	no	no	M8.0	16:13	N12E05	10759	$\beta$				24	15/05 02.38	15/05-06.00 19/05-00.00	959	15/05	09:00	608	14.2	-38	15/05	06:00	2h	1.5	57202	yes	SH+MC	-263	15/05	08:00	
56	22.08.2005	01:31	FH	1086	24	-17.8	no	M2.6	00:44	S11W62	10798	$\beta\gamma$	DSD1	11:18	S12W60	25	23/08 20.00	24/08-00.00 24/08-11.00	623	24/08	10:00	507	21.0	-38.3	24/08	10:00	2h	14.7	161214	yes	SH+ICME	-216	24/08	11:00	
57	22.08.2005	17:30	FH	2612	21	108.0!	no	M5.6	16:46	S11W62	10798	$\beta\gamma$	DSD1	11:18	S12W60	25	23/08 20.00	24/08-00.00 24/08-11.00	623	24/08	10:00	507	21.0	-38.3	24/08	10:00	2h	14.7	161214	yes	SH+ICME	-216	24/08	11:00	

! Acceleration is uncertain due to either poor height measurement or a small number of height-time measurements (See Section 3.4 of Yashiro et al. 2004 for details).

DSD – dark surge on disk

DSF – disappearing filament

LPS – loops

EPL – eruptive prominence on limb

Green – filaments which are no associated with the AR but they are close to it

Red – insufficient or interpretable data

Yellow – events listed on the table of Zhang et al. 2007 as the most probable to produce the corresponding geomagnetic storm

Orange – different event in Zhang et al. 2007, for the same geomagnetic storm, not listed in our table

The name of IP structures is also taken from Zhang et al. 2007.