



HELcats

UGOE contribution to WP 4 – The Low Coronal Event Catalogue (Lowcat)

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Development of Low coronal event catalogue

- List of STEREO/SECCHI HI-COR2 shock-driving CMEs with SR characteristics sent to TCD and WP3 members
- Used for inverse modelling of STEREO/HI CMEs (UGOE, TCD)
- Placed online by TCD @ <http://grian.phy.tcd.ie/helcats/> as low coronal event catalogue





Lowcat is available online at: <http://grian.phy.tcd.ie/helcats/>



Low Coronal Event Catalogue

Some introduction about this table and its contents.

<1> No.	<2> Event Date	<3> NOAA Region (location)	<4> GOES Class	<5> Flare Time (Start, Peak, End) UT	<6> Hale Class	<7> EUV Wave (EUV Filter Å)	<8> CME (Time, speed, movies)	<9> Radio (NRH, DAM, Callisto)	<10> X-ray (RHESSI, FERMI)	<11> Maps (Desnity, PFSS, Alfven speed)
1	2010-Apr-03	11059 (S25W03)	B7.4	(09:04, HH:MM HH:MM)	β	None	10:33 UT 668 km/s CME Catalogue	Type II(?) Type III NRH 150 MHz	FERMI	Soon
2	2011-Jun-07	11226 (S22W66)	M2.5	(06:16, 06:30, 06:41)	β	HEK AIA 171, 193, 211	06:49 UT 1255 km/s CDAW Cactus	Complex	RHESSI FERMI	Soon
3	2011-Aug-03	11261 (N16W28)	M6.0	(13:17, 13:48, 14:10)	$\beta\gamma\delta$	HEK AIA 211	14:00 UT 610 km/s CDAW Cactus	Type II, III, IV NRH 150 MHz NRH 445 MHz	RHESSI	Soon
4	2012-Jan-19	11402 (N32E27)	M2.6	(13:43, 15:30, 16:30)	$\beta\gamma$	None	14:36 UT 1120 km/s CDAW Cactus CORIMP	Type II, III NRH 150 MHz NRH 432 MHz	N/A	Soon

