No. crt.	Year	Month	Day	3-h	V0 (km/s)	V1 (km/s)	Δt1	Vmax (km/s)	Dur (days)	ΔV1 (km/s)	ΔVM (km/s)	I	Source	IMF	Dst_min (nT)	Dst_date (mm:dd:hh)	Bz_min (nT)	Bz_date (mm:dd:hh)	SSC_date (mm:dd:hh)	Energy estimate ΔWε (J)	Energy estimate ΔW (J)	SYM-H_min (nT)	SYM-H_date (mm:dd:hh:min)
1	2014	1	1	3	371.7	620	13	620	5.2	248.3	248.3	1291.16	CH598	+	-39	01:01:15	-8.3	01:01:13				-39	01:01:15:29
															-31	01:03:19	-3.3	02:01:16				-33	01:03:19:32
2	2014	1	11	6	371.3	673.3	10	877.3	5.6	302	506	2833.6	CH*	-									
3	2014	1	20	1	285	459	15	559.3	8.1	174	274.3	2221.83	CH600	+									
4	2014	1	28	2	312.7	483.7	11	483.7	3.8	171	171	649.8	CH601	+									
5	2014	2	9	4	382	542.3	12	542.3	3.7	160.3	160.3	593.11	CH602	-									
6	2014	2	27	4	335.7	471	3	471	4.6	135.3	135.3	622.38	CME, CH605	-	-97	02:27:23	-12	02:27:21	02:27:16	4.09E+15	1.35E+17	-101	02:27:23:24
															-52	03:01:08	-2.8	03:01:06		2.22E+15	3.55E+16	-51	03:01:08:10
7	2014	3	4	1	336	450	15	484.3	5.6	114	148.3	830.48	CH606	+									
8	2014	3	12	5	268.3	469	11	493	5.2	200.7	224.7	1168.44	CH607	+	-43	03:13:04	-8.3	03:13:00				-42	03:13:03:52
9	2014	3	21	1	317.7	497	14	498.3	4	179.3	180.6	722.4	CH608	+									
10	2014	4	7	2	339.3	442.7	7	467.7	5.4	103.4	128.4	693.36	CH*	+	-87	04:12:09	-8.9	04:12:06		1.79E+16	7.31E+17	-90	04:12:09:53
11	2014	5	22	3	307	503.7	11	503.7	4.9	196.7	196.7	963.83	CH*	-									
12	2014	6	10	2	410.3	596.7	10	596.7	2.6	186.4	186.4	484.64	CH622	+									
13	2014	6	17	3	344.7	449.7	13	457	6.4	105	112.3	718.72	CH*	-									
14	2014	7	14	3	329.7	475.7	12	475.7	3.9	146	146	569.4	CH*	-									
15	2014	8	10	3	312.3	452	13	494.7	5.9	139.7	182.4	1076.16	CH631	-									
16	2014	8	28	3	318.3	441.3	10	451.7	14.6	123	133.4	1947.64	CH*	+	-79	08:27:18	-13.1	08:27:14		5.60E+15	3.43E+17	-90	08:27:18:18
															-52	08:28:17	-8.8	08:28:15		6.77E+13	5.63E+15	-57	08:28:16:37
17	2014	9	18	8	354.3	487	7	558.3	11	132.7	204	2244	CH*	+									
18	2014	10	19	7	379	514.3	6	643.7	6	135.3	264.7	1588.2	CH639	+	-51	10:20:17	-5.9	10:20:16		2.84E+16	5.45E+17	-57	10:20:17:10
															-46	10:22:02	-1.8	10:22:02				-45	10:22:02:06
19	2014	10	30	5	333.7	443.3	10	514	4.6	109.6	180.3	829.38	CH641	-									
20	2014	11	4	2	410	539.3	13	539.3	7	129.3	129.3	905.1	CH*	-	-44	11:04:10	-8.5	11:04:09				-46	11:04:10:34
21	2014	11	11	2	451.3	598	10	598	2.9	146.7	146.7	425.43	CH*	-	-65	11:10:17	-5.4	11:10:16	11:10:02	3.65E+16	-	-63	11:10:17:07
22	2014	11	14	1	446.3	551.7	15	627.3	3.2	105.4	181	579.2	CH642	+	-59	11:16:07	-2.7	11:16:05		1.29E+16	2.25E+17	-51	11:16:07:24
23	2014	11	30	4	381.7	571	12	584.3	2.8	189.3	202.6	567.28	CH644	-									
24	2014	12	6	2	422	677.3	6	751.7	5.2	255.3	329.7	1714.44	CH*	-									
25	2014	12	11	7	392.7	584.3	9	604.3	5.8	191.6	211.6	1227.28	CH645	+	-53	12:12:16	-5.1	12:12:14		5.77E+16	4.77E+17	-34	12:12:15:24
26	2014	12	28	3	371	646.7	13	694	5.5	275.7	323	1776.5	CH*	-									