

COR1 Preliminary CME List

STEREO SECCHI COR1-B					STEREO SECCHI COR1-A					
Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A)/ Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/01	286	00:05:00- 23:55:18			(-117.5, 109.2)	2012/03/01	286	00:05:00- 23:55:18		
2012/03/01	CME	02:45	NE, medium eruption		—	2012/03/01	CME	03:05	NW, faint eruption	
2012/03/02	286	00:05:00- 23:55:18			(-117.5, 109.2)	2012/03/02	286	00:05:00- 23:55:18		
2012/03/02	CME	17:05	NE, faint eruption		—	2012/03/02	CME	17:05	NW, faint eruption	
2012/03/02	CME	18:05	NW, faint halo eruption	(Flare and wave/ NW31)[N18E87 17:29/GOES]	N18E87(1429)/M3.3	2012/03/02	CME	18:05	NW, faint halo eruption	(Wave/ NW164)
2012/03/03	283	00:05:00- 23:55:18			(-117.6, 109.3)	2012/03/03	283	00:05:00- 23:55:18		
2012/03/03	CME	18:35	NW, halo eruption	(Flare/ NW48)[N18E70 18:13/GOES]	N18E70(1429)/C1.9	2012/03/03	CME	18:55	NE, halo eruption	(NE179)
2012/03/04	286	00:05:00- 23:55:18			(-117.7, 109.3)	2012/03/04	286	00:05:00- 23:55:18		
2012/03/04	CME	04:25	NW, FR-like eruption	304 PEP	—	2012/03/04	CME	05:25	NNW, wider eruption	
2012/03/04	CME	06:25	NE, FR-like eruption	(Flare, wave and EP/NElimb)	—	2012/03/04	CME	06:25	NW, FR-like eruption	(Flare, wave and EP/NWlimb)
2012/03/04	CME	10:45	NW, bright and fast eruption	(Flare and wave/ NW53)[N16E65 10:29/GOES]	N16E65(1429)/M2.0	2012/03/04	CME	11:05	NE, bright and fast eruption	(wave/ NE174)
2012/03/04	CME	13:05	NW, narrow FR-like eruption	304 PEP	—	2012/03/04	CME	13:05	Hardly seen in A	
2012/03/04	CME	14:45	E, medium eruption	(Flare, wave and EP/Elimb)	—	2012/03/04	CME	14:25	W, medium eruption	(Flare, wave and EP/Wlimb)
2012/03/04	CME	23:05	NW, faint FR-like eruption		—	2012/03/04	CME	23:05	NE, faint FR-like eruption	
2012/03/05	262	00:05:00- 23:55:18			(-117.7, 109.4)	2012/03/05	262	00:05:00- 23:55:18		
2012/03/05	CME	02:45	NW, FR-like eruption		—	2012/03/05	CME	03:05	NNE, FR-like eruption	

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Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/05	CME	03:46	NW, bright and fast eruption	(Flare and wave/ NW60)[N19E58(1429)/X1.1 02:30/GOES]	N19E58(1429)/X1.1	2012/03/05	CME	03:55	NE, bright and fast eruption	(Wave/ NE167)
2012/03/05	CME	10:45	E, bright eruption	(Flare and wave/ NE30)	---	2012/03/05	CME	10:25	W, bright eruption	(Wave and EP/Wlimb)
2012/03/05	CME	12:05	NW, narrow eruption		---	2012/03/05	CME	13:05	NE, narrow eruption	
2012/03/05	CME	15:45	W, medium eruption		---	2012/03/05	CME	16:05	E, medium eruption	
2012/03/06	286	00:05:00-23:55:18			(-117.8, 109.4)	2012/03/06	286	00:05:00-23:55:18		
2012/03/06	CME	00:25	NW, FR-like eruption		---	2012/03/06	CME	00:25	NE, faint eruption	
2012/03/06	CME	08:05	NW, narrow eruption		---	2012/03/06	CME	08:05	NE, faint eruption	
2012/03/07	286	00:05:00-23:55:18			(-117.8, 109.5)	2012/03/07	286	00:05:00-23:55:18		
2012/03/07	CME	00:15	NW, bright and fast (halo) eruption	(Flare and wave/ NWlimb)[N18E31(1429)/X5.4 00:02/GOES]	N18E31(1429)/X5.4	2012/03/07	CME	00:15	NE, bright and fast (halo) eruption	(wave/ NE140)
2012/03/07	CME	01:15	W, medium eruption	(Flare 2nd peak)	---	2012/03/07	CME	01:15	E, medium eruption	(Flare 2nd peak)
2012/03/07	CME	07:25	NW, faint eruption		---	2012/03/07	CME	07:25	NE, faint eruption	
2012/03/07	CME	10:25	Not seen in B		---	2012/03/07	CME	10:25	SW, very faint eruption	
2012/03/07	CME	15:25	Not seen in B		---	2012/03/07	CME	15:25	SW, very faint eruption	
2012/03/07	CME	17:45	NE, only see swept front at 03/08.		---	2012/03/07	CME	17:45	NW, very faint and slow FR-like eruption	
2012/03/08	286	00:05:00-23:55:18			(-117.9, 109.6)	2012/03/08	286	00:05:00-23:55:18		
2012/03/08	CME	11:30	Hardly seen in B		---	2012/03/08	CME	11:30	NE, narrow eruption	
2012/03/08	CME	17:10	NE, faint eruption		---	2012/03/08	CME	17:10	NW, wide FR-like eruption	

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STEREO SECCHI COR1-B						STEREO SECCHI COR1-A				
Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/08	CME	20:40	NE, faint eruption	(304 EP/Disk)	—	2012/03/08	CME	20:00	NW, FR-like eruption	(304 EP/Wlimb)
2012/03/09	121	00:05:00-23:55:18			(-117.9, 109.6)	2012/03/09	121	00:05:00-23:55:18		
2012/03/09	CME	03:50	NW, bright and fast (halo) eruption	(Wave/ NW121)[N15W03(1423)/M6303:22/GOES]	—	2012/03/09	CME	03:50	NE, bright and fast (halo) eruption	(Wave/ NE107)
2012/03/09	CME	05:45	SE, bright FR-like (w/twisted core) eruption	(Large twisted EP)	—	2012/03/09	CME	05:45	DG	
2012/03/09	CME	20:25	NW, faint and wide eruption	(Flare and wave/ NW39)[N17E79(1432)/C9.7 19:59/GOES]	N17E79 (1432)/C9.7	2012/03/09	CME	21:05	NW, fainter and wider eruption	(Wave/ NW171)
2012/03/10	286	00:05:00-23:55:18			(-118.0, 109.7)	2012/03/10	286	00:05:00-23:55:18		
2012/03/10	CME	08:45	Not seen in B		—	2012/03/10	CME	08:45	NE, faint eruption	(Flare and wave/ N20E70)
2012/03/10	CME	16:25	NW, faint halo eruption	(Wave/ NW154) [N18W36(1430)/C8.0 14:43/GOES]	N18W36	2012/03/10	CME	15:55	NE, faint halo eruption	(Flare and wave/ NE74)
2012/03/10	CME	17:40	NW, bright and fast halo eruption	(Wave/ NW142)[N17W21(1424)/M84 17:15/GOES]	N17W21 (1424)/M84	2012/03/10	CME	17:40	NE, bright and fast halo eruption	(Flare and wave/ NE86)
2012/03/11	286	00:05:00-23:55:18	Small activity in N		(-118.0, 109.7)	2012/03/11	286	00:05:00-23:55:18	Quiet day	
2012/03/12	286	00:05:00-23:55:18			(-118.1, 109.8)	2012/03/12	286	00:05:00-23:55:18		
2012/03/12	CME	00:25	SW, FR-like w/c eruption	(Large twisted EP)	—	2012/03/12	CME	00:25	S, FR-like w/c eruption	(Large twisted EP)
2012/03/12	CME	12:25	W, faint eruption	(Flare and wave/ NW82) [N12E36(1432)/C1.6 11:57/GOES]	N12E36	2012/03/12	CME	12:25	Not seen in A	
2012/03/13	286	00:05:00-23:55:18			(-118.1, 109.8)	2012/03/13	286	00:05:00-23:55:18		

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Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/13	CME	17:30	NW, bright and fast halo eruption	(Wave/ NW184)[N17W06(1426)/M7.9 17:12/GOES]	(-118.1, 109.9)	2012/03/13	CME	17:25	NE, bright and fast halo eruption	(Flare and wave/ NE44)
2012/03/14	286	00:05:00-23:55:18			(-118.1, 109.9)	2012/03/14	286	00:05:00-23:55:18		
2012/03/14	CME	00:25	NNE, FR-like narrow eruption	(Twisted EP/Disk NNE)	---	2012/03/14	CME	00:25	NNW, FR-like narrow eruption	(Twisted EP/NNW)
2012/03/14	CME	05:05	NNW, faint eruption	(Twisted EP/NNW)	---	2012/03/14	CME	06:05	NNE, faint eruption	(Twisted EP/Disk NNE)
2012/03/14	CME	15:25	W, bright FR-like w/c eruption	(Wave/ NW113) [N13E05(1432)/M2.8 15:08/GOES]	N13E05	2012/03/14	CME	15:25	E, bright FR-like w/c eruption	(Wave/ NE115)
2012/03/15	286	00:05:00-23:55:18			(-118.2, 110.0)	2012/03/15	286	00:05:00-23:55:18		
2012/03/15	CME	01:45	NE, medium eruption	(Wave/ NE156) [N21W86(1429)/C1.1 01:27/GOES]	N21W86	2012/03/15	CME	02:05	N, medium eruption	(Flare, EP, and wave/ NE24)
2012/03/15	CME	08:05	W, FR-like eruption	(Wave/ W121) [N14W03(1432)/M1.8 07:23/GOES]	N14W03	2012/03/15	CME	08:05	E, FR-like eruption	(Wave/ E107)
2012/03/15	CME	10:05	NE, faint eruption		---	2012/03/15	CME	10:25	N, faint eruption	(EP/Disk NE)
2012/03/15	CME	22:45	NE, bright FR-like eruption		---	2012/03/15	CME	00:45	N, faint and wider eruption	
2012/03/16	286	00:05:00-23:55:18			(-118.2, 110.0)	2012/03/16	286	00:05:00-23:55:18		
2012/03/16	CME	03:25	NE, narrow eruption		---	2012/03/16	CME	04:05	NW, hardly seen in A	
2012/03/16	CME	20:05	NW, wide FR-like eruption	(Small EP/Nlimb)	---	2012/03/16	CME	19:45	NE, FR-like eruption	(Large EP/NE disk)
2012/03/17	286	00:05:00-23:55:18			(-118.3, 110.1)	2012/03/17	286	00:05:00-23:55:18		
2012/03/17	CME	00:25	N, narrow spray-like eruption	(Small EP/Nlimb)	---	2012/03/17	CME	00:25	NE, narrow spray-like eruption	(Large EP/NE disk)
2012/03/17	CME	04:45	NE, medium eruption	(Flare and wave/NE disk)	---	2012/03/17	CME	04:05	NW, medium eruption	(EP and wave/NWlimb)

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Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/17	CME	13:45	NNW, faint FR-like eruption		---	2012/03/17	CME	19:45	NNE, faint FR-like eruption	
2012/03/17	CME	16:25	SW, narrow eruption		---	2012/03/17	CME	16:25	SE, narrow eruption	
2012/03/17	CME	21:05	W, faint and slow FR eruption	(W123) [S20W25(1434)/M1.3 20:32/GOES]	---	2012/03/17	CME	21:05	E, faint and slow FR eruption	(Wave/ E85)
2012/03/17	CME	23:45	NE, bright and fast halo eruption	(Wave/ E155) [N19W87(1430)/B8.1 23:20/GOES]	N19W87	2012/03/17	CME	00:15	NW, bright and fast halo eruption	(Flare and wave/ NW03)
2012/03/18	286	00:05:00-23:55:18	NW,NE, events continuous from 03/17		(-118.3, 110.1)	2012/03/18	286	00:05:00-23:55:18	NE,NW, events continuous from 03/17	
2012/03/18	CME	14:45	Not seen in B		---	2012/03/18	CME	14:45	NE, very faint FR-like eruption	
2012/03/18	CME	19:45	NE, narrow spray-like eruption		---	2012/03/18	CME	19:45	Not seen in A	
2012/03/19	286	00:05:00-23:55:18			(-118.3, 110.2)	2012/03/19	286	00:05:00-23:55:18		
2012/03/19	CME	00:25	NE, narrow FR-like eruption		---	2012/03/19	CME	00:25	NW, faint eruption	
2012/03/19	CME	09:25	N, narrow FR-like eruption		---	2012/03/19	CME	09:25	Hardly seen in A	
2012/03/19	CME	22:25	Not seen in B		---	2012/03/19	CME	22:25	SE, spray-like eruption	(Flare and wave/SE disk)
2012/03/20	286	00:05:00-23:55:18			(-118.4, 110.3)	2012/03/20	286	00:05:00-23:55:18		
2012/03/20	CME	17:45	Not seen in B		---	2012/03/20	CME	17:45	NW, faint eruption	
2012/03/20	CME	20:45	Not seen in B		---	2012/03/20	CME	20:45	ESE, narrow spray-like eruption	
2012/03/20	CME	20:45	N, faint FR-like eruption		---	2012/03/20	CME	21:25	NW, faint FR-like eruption	
2012/03/20	CME	21:25	NE, faint eruption	(EP and wave/NElimb)	---	2012/03/20	CME	22:05	NW, faint eruption	(Flare and wave/NW disk)

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STEREO SECCHI COR1-B					STEREO SECCHI COR1-A					
Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/21	285	00:05:00- 23:55:24			(-118.4, 110.3)	2012/03/21	285	00:05:00- 23:55:24		
2012/03/21	CME	07:05	NE, bright and fast halo eruption	(Wave/NElimb)	—	2012/03/21	CME	07:25	NW, bright and fast halo eruption	(Flare and wave/NW disk)
2012/03/21	CME	08:25	SW, narrow erup- tion		—	2012/03/21	CME	08:25	SE, narrow erup- tion	
2012/03/21	CME	10:25	SW, faint eruption	(W136) [S26W18(1440)/B9.4 09:55/GOES]	S26W18	2012/03/21	CME	10:25	SE, faint eruption	(Wave/ SW92)
2012/03/21	CME	13:05	SW, narrow erup- tion	(W138) [S26W20(1440)/C2.9 12:38/GOES]	S26W20	2012/03/21	CME	13:05	SE, narrow erup- tion	(Wave/ SW90)
2012/03/21	CME	16:05	SW, narrow erup- tion	(W140) [S26W22(1440)/C1.1 15:42/GOES]	S26W22	2012/03/21	CME	16:05	SE, narrow erup- tion	(Wave/ SW88)
2012/03/21	CME	18:25	SW, medium FR- like eruption		—	2012/03/21	CME	19:25	SE, medium FR- like eruption	
2012/03/22	286	00:05:00- 23:55:24			(-118.4, 110.4)	2012/03/22	286	00:05:00- 23:55:24		
2012/03/22	CME	06:05	SE, faint eruption		—	2012/03/22	CME	06:05	SW, faint eruption	(EP/SWlimb)
2012/03/23	286	00:05:00- 23:55:18			(-118.4, 110.5)	2012/03/23	286	00:05:00- 23:55:18		
2012/03/23	CME	19:05	N, medium erup- tion	(EP/Nlimb)	—	2012/03/23	CME	19:05	NNE, medium eruption	(EP/NE disk)
2012/03/24	286	00:05:00- 23:55:18			(-118.5, 110.5)	2012/03/24	286	00:05:00- 23:55:18		
2012/03/24	CME	00:10	NE, bright and fast halo eruption	(Flare and wave/ N15E40)	—	2012/03/24	CME	00:10	NW, bright and fast halo eruption	(Wave/NWlimb)
2012/03/24	CME	09:05	SW, bright FR-like eruption	(Flare and wave/ SW32) [S24E87(1445)/C7.2 08:39/GOES]	S24E87	2012/03/24	CME	09:05	SSW, bright FR- like eruption	(W162)
2012/03/24	CME	11:05	NE, narrow erup- tion	(Flare, EP and wave/ NE10)	—	2012/03/24	CME	10:45	NW, narrow erup- tion	(EP and wave/NWlimb)
2012/03/24	CME	19:45	N, narrow eruption		—	2012/03/24	CME	19:45	NW, narrow erup- tion	

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STEREO SECCHI COR1-B					STEREO SECCHI COR1-A					
Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/25	286	00:05:00- 23:55:18				2012/03/25	286	00:05:00- 23:55:18		
2012/03/25	CME	00:40	NW, medium eruption	(Flare/ NW94) [N20E25(1444)/C3.0 00:15/GOES]	N20E25	2012/03/25	CME	00:40	NE, medium eruption	(E136)
2012/03/25	CME	02:05	SW, medium eruption	(Flare and wave/ SW41) [S24E78(1445)/C2.5 01:38/GOES]	S24E78	2012/03/25	CME	01:25	SW, faint eruption	(W171)
2012/03/25	CME	03:25	SE, bright FR-like eruption		---	2012/03/25	CME	03:25	SW, bright FR-like eruption	
2012/03/25	CME	04:45	NE, medium eruption	(Flare, EP and wave/ N20E20)	---	2012/03/25	CME	04:45	NW, medium eruption	(EP and wave/ W150)
2012/03/25	CME	08:45	NW, narrow eruption	(Flare/ W100) [N19E19(1444)/C1.2 08:32/GOES]	N19E19	2012/03/25	CME	08:45	NE, narrow eruption	(E130)
2012/03/25	CME	11:45	NW, narrow eruption	(Flare/ W105) [N20E14(1444)/B9.0 11:19/GOES]	N20E14	2012/03/25	CME	12:05	NE, narrow eruption	(E125)
2012/03/25	CME	13:05	Not seen in B	(Flare/ N20E20)	---	2012/03/25	CME	13:05	NW, medium eruption	(Wave/ NW150)
2012/03/25	CME	13:05	SW, faint FR-like eruption		---	2012/03/25	CME	13:05	SE, hardly seen in A	
2012/03/26	286	00:05:00- 23:55:24				2012/03/26	286	00:05:00- 23:55:24		
2012/03/26	CME	06:25	NW, narrow eruption		---	2012/03/26	CME	06:25	NW, narrow eruption	(EP/NWlimb)
2012/03/26	CME	08:45	N, narrow eruption	(EP/NE disk)	---	2012/03/26	CME	08:45	NE, narrow eruption	
2012/03/26	CME	13:05	N, faint eruption	(Flare and wave/ N15W00)	---	2012/03/26	CME	13:05	NW, faint eruption	(Wave/ W130)
2012/03/26	CME	15:05	E, narrow eruption		---	2012/03/26	CME	15:05	W, narrow eruption	(Small wave/Wlimb)
2012/03/26	CME	18:45	N, narrow blob-like eruption		---	2012/03/26	CME	18:45	NNW, narrow blob-like eruption	
2012/03/26	CME	22:50	NE, bright and fast halo eruption	(Flare and wave/ N15E10)	---	2012/03/26	CME	22:50	NW, bright and fast halo eruption	(Wave/ W120)

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STEREO SECCHI COR1-B					STEREO SECCHI COR1-A					
Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/27	286	00:05:00- 23:55:18				2012/03/27	286	00:05:00- 23:55:18		
2012/03/27	CME	03:05	NW, medium eruption	(EP and dimming/ W120) [N20W02(1444)/C5.3 02:50/GOES]	N20W02	2012/03/27	CME	03:05	NE, medium eruption	(EP and dimming/ E109)
2012/03/27	CME	06:50	N, narrow FR-like eruption	(EP and flare/ N15W00)	---	2012/03/27	CME	06:50	NW, narrow FR-like eruption	(EP and wave/ W130)
2012/03/27	CME	22:05	SE, wide FR-like eruption		---	2012/03/27	CME	22:05	SSE, wide FR-like eruption	(Flare and wave/ S25E05)
2012/03/28	286	00:05:00- 23:55:24				2012/03/28	286	00:05:00- 23:55:24		
2012/03/28	CME	00:31	N, narrow FR-like eruption	(Flare / NE00)	---	2012/03/28	CME	00:35	NW, narrow twisted FR-like eruption	(W130)
2012/03/28	CME	01:41	N, bright FR-like eruption	(Flare and wave/ N18E00)	---	2012/03/28	CME	01:30	NW, bright FR-like eruption	(Wave/ W130)
2012/03/28	CME	06:26	NW, narrow eruption		---	2012/03/28	CME	06:25	NE, narrow eruption	(Small flare/NE disk)
2012/03/28	CME	17:21	SW, medium FR-like eruption	(Wave/SWlimb)	---	2012/03/28	CME	17:35	SE, medium FR-like eruption	(Wave/ E140)
2012/03/28	CME	19:56	ENE, FR-like eruption	(Small EP and wave/ Elim-f)	---	2012/03/28	CME	20:25	WNW, bright FR-like (w/c) eruption	(Small EP and wave/ Wlim-f)
2012/03/28	CME	21:56	NW, medium eruption	(W145)[N20W26(1444)/C5.3 21:42/GOES]	N20W26	2012/03/28	CME	21:55	NE, medium eruption	(Flare/NElimb)
2012/03/29	286	00:05:00- 23:55:24				2012/03/29	286	00:05:00- 23:55:24		
2012/03/29	CME	04:00	ESE, narrow FR-like eruption	(Flare and wave/ Elimb-f)	---	2012/03/29	CME	04:00	WSW, narrow FR-like eruption	(Flare and wave/ Wlimb-f)
2012/03/29	CME	10:46	NW, narrow eruption		---	2012/03/29	CME	10:45	NE, narrow eruption	
2012/03/29	CME	16:36	NW, FR-like (w/c) eruption	(Large EP/NWlimb)	---	2012/03/29	CME	16:25	NE, FR-like (w/c) eruption	(Large EP/NWlimb)
2012/03/30	281	00:05:00- 23:55:18				2012/03/30	281	00:05:00- 23:55:18		

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COR1 Preliminary CME List – continued from previous page

STEREO SECCHI COR1-B					STEREO SECCHI COR1-A					
Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming	SEP Ang(B-A) Loc(w/Ear)	Date	Images/ Event	UT	Comments	Flares/waves EP,Dimming
2012/03/30	CME	14:26	NW, bright FR-like eruption	(Flare and wave/ W49)[N23E70/B6.4 14:17/GOES]	N23E70	2012/03/30	CME	14:25	N, FR-like eruption	(Wave/ W180)
2012/03/31	286	00:05:00- 23:55:18			(-118.6, 111.0)	2012/03/31	286	00:05:00- 23:55:18		
2012/03/31	CME	02:00	NW, faint CME w/bright twisted core	(EP/NWlimb)	---	2012/03/31	CME	02:00	NE, hardly seen in A	(EP/NE-b)
2012/03/31	CME	04:45	W, very slow and faint FR-like erup- tion		---	2012/03/31	CME	06:45	E, very slow and faint FR-like erup- tion	
2012/03/31	CME	21:25	N, faint eruption	(EP/ W184)[N22W65 21:01/GOES]	(N22W65.9)	2012/03/31	CME	21:25	NE, faint eruption	(Flareand EP/ E46)