

Date	DOY	Day #	Time (Start)	Time (End)	Spacecraft	Event	Comments
26/10/2006	299	1	0:52		A/B	Launch	25/10/2006 8:52pm EDT
27/10/2006	300	2	13:34		A/B	Decontamination Htrs On	
28/11/2006	331	33	15:00		A/B	Decontamination Htrs Off	
04/12/2006	338	40			A	SCIP-A first light	
06/12/2006	340	42			A	SCIP GT calibration	
08/12/2006	342	44			A/B	HGA calibration roll	No HI images
08/12/2006	342	44			A/B	New CEB readout tables uplinked	CCD readout no longer skips 1st two lines
13/12/2006	347	49	13:06		A	HI-A first light	
13/12/2006	347	49	12:30	12:35	A	Momentum dump (#1)	No HI images at time of dump
13/12/2006	347	49			B	SCIP-B first light	
15/12/2006	349	51	21:27		A	Stereo-A Lunar Swingby	Moon in HI-2A FOV 21:50 to 23:00
16/12/2006	350	52			B	SCIP GT calibration	
18/12/2006	352	54	12:00		A	SEB software uplink	Corrected integer overflow in summed images
18/12/2006	352	54	6:50	16:50	A	SWAVES roll (#1)	10 rolls at 6 deg/min; HI images for 2 rolls
19/12/2006	353	55			B	SWAVES roll (#1)	10 rolls at 6 deg/min; No HI images
20/12/2006	354	56	21:00		A	HGA calibration roll (#1)	Some HI images affected - see bad files lists
20/12/2006	354	56	7:20	17:20	A	SWAVES roll (#2)	10 rolls at 6 deg/min; HI images for 2 rolls
20/12/2006	354	56	20:00		B	SCIP GT calibration	
21/12/2006	355	57			A	HGA calibration roll (#1A)	No apparent effect on HI images ?
21/12/2006	355	57	12:00		A	SCIP GT calibration	
21/12/2006	355	57	11:05		B	SCIP GT calibration	
23/12/2006	357	59	4:30	14:30	A	SWAVES roll (#3)	10 rolls at 6 deg/min; HI images for 2 rolls
26/12/2006	360	62			A	SCIP GT calibration	
26/12/2006	360	62	18:00		B	SEB software uplink	Corrected integer overflow in summed images
04/01/2007	4	71			A	HGA calibration roll (#2)	No apparent effect on HI images
05/01/2007	5	72			A	Spacecraft-driven EUVI flat-field offpoint	Spacecraft off-pointed by more than 5 deg due to script error
10/01/2007	10	77	22:00	23:25	A	HI straylight off-point (#1)	Off-points of -0.25, -0.5, -0.75, -1.0, -1.5, +0.5 and +1.0 deg
11/01/2007	11	78	17:57		B	HI-B first light	
12/01/2007	12	79	18:00		A	SECCHI-driven GT calibration offpoint	Maximum off-point ~ 1 arcmin
12/01/2007	12	79	18:00		B	HGA calibration roll (#1)	Some HI images affected - see bad files lists
13/01/2007	13	80	8:10	9:35	B	HI straylight off-point (#1)	HI-1 compromised by McNaught
18/01/2007	18	85	19:20		A	Momentum dump (#2)	No HI images at time of dump
18/01/2007	18	85			B	HGA calibration roll (#2)	Cancelled
21/01/2007	21	88	9:03		B	Stereo-B Lunar Swingby	Moon not seen in HI
24/01/2007	25	92			B	Bright Earth	Earth entering HI-2B FOV
25/01/2007	25	92	4:37	19:30	A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #1; observations resumed at 00:00 Jan 26
25/01/2007	25	92	21:15	22:40	B	HI straylight off-point (#2)	HI-2 compromised by bright Earth
26/01/2007	26	93	0:00		A	Observation schedule resumed	
29/01/2007	29	96	5:10	15:10	B	SWAVES roll (#2)	10 rolls at 6 deg/min; HI images for 2 rolls
30/01/2007	30	97	16:00	17:25	A	HI straylight off-point (#2)	
31/01/2007	31	98	4:50	14:50	B	SWAVES roll (#3)	10 rolls at 6 deg/min; HI images for 2 rolls
03/02/2007	34	101	13:00		A	SECCHI-driven GT calibration offpoint	Maximum off-point ~ 1 arcmin
03/02/2007	34	101	18:15		B	SECCHI-driven GT calibration offpoint	Maximum off-point ~ 1 arcmin
04/02/2007	35	102			B	Bright Earth	Earth entering HI-1B FOV
04/02/2007	35	102	10:40		B	SECCHI-driven EUVI calibration offpoint	
05/02/2007	36	103	6:00		B	Spacecraft-driven EUVI flat-field offpoint	

06/02/2007	37	104	7:00	9:00	B	SECCHI stepped calibration roll (#1)	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
08/02/2007	39	106			B	Bright Earth	Earth leaving HI-2B FOV
13/02/2007	44	111			A	SECCHI-driven EUVI flat-field offpoint	
14/02/2007	45	112	0:01	0:47	A	HI LED calibrations	LED + sky and sky only images
14/02/2007	45	112	15:25	19:25	B	SECCHI test of lunar transit observations	Off-point from nominal by ~ 3 arcmin
15/02/2007	46	113			A	Spacecraft-driven EUVI flat-field offpoint	
20/02/2007	51	118	14:30	17:10	A	SECCHI stepped calibration roll	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
21/02/2007	52	119			A	SECCHI-driven EUVI flat-field offpoint	
21/02/2007	52	119	15:30	19:30	B	SECCHI test of lunar transit observations	Off-point from nominal by ~ 3 arcmin
22/02/2007	53	120			A	SEB software uplink (#1)	Rev 5.01.05
22/02/2007	53	120	14:00	14:05	B	Momentum dump (#1)	Some HI images affected - see bad files lists
25/02/2007	56	123	6:56	18:57	B	Lunar transit	
28/02/2007	59	126			B	SEB software uplink	Rev 5.01.05
01/03/2007	60	127	19:30	19:31	A	Momentum dump (#3)	No HI images at time of dump
01/03/2007	60	127	0:00		B	New synoptic; High/low word compression	All images corrupted; high/low-word parts sometimes missing; n4 images usually corrupted
02/03/2007	61	128	0:00		A	New synoptic; High/low word compression	HI-1 s4 images have few pixels of value 0; HI-2 s4 images corrupted; high/low-word parts sometimes missing; n4 images OK
08/03/2007	67	134	0:00		A/B	Previous synoptic and compression scheme restored	HI-1 25 x 24 sec, 2 hr cadence; HI-2 50 x 50 sec, 2 hr cadence
12/03/2007	71	138	20:00		B	HGA calibration roll (#3)	Some HI images affected - see bad files lists
13/03/2007	72	139	10:00	13:01	A/B	90/270 deg HI calibration rolls	
13/03/2007	72	139			B	Bright Earth	Earth re-entering HI-2B FOV
14/03/2007	73	140	16:00		A	HGA calibration roll (#3)	Some HI images affected - see bad files lists
15/03/2007	74	141	10:25	17:10	A/B	180 deg HI calibration rolls	
16/03/2007	73	140	0:00		A/B	New synoptic (NRL); High/low word compression	HI-1 50 x 24 sec, 40 min cadence; HI-2 99 x 50 sec, 2 hr cadence
18/03/2007	77	144	17:58	19:30	A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #2; observations resumed at 00:00 Mar 19
19/03/2007	78	145	0:00		A	Observation schedule resumed	
24/03/2007	82	149			B	Bright Earth	Earth leaving HI-1B FOV
28/03/2007	87	154	0:00		A/B	New synoptic (Lockheed)	HI-1 30 x 40 sec, 40 min cadence; HI-2 99 x 50 sec, 2 hr cadence
28/03/2007	87	154	0:10		B	Anomalous summed image	20070328_001000_s4h1B has star images split into 3 parts
29/03/2007	88	155	0:10		B	Anomalous summed image	20070329_001000_s4h1B has star images split into 2 parts (or more?)
03/04/2007	93	160	19:00	20:30	A	HGA calibration roll (#4)	Some HI images affected - see bad files lists
03/04/2007	93	160	13:00	14:30	B	HGA calibration roll (#4)	Some HI images affected - see bad files lists
05/04/2007	95	162	11:00	13:41	B	HI LED calibrations / HI exposure linearity sequences	LED + sky and sky only images; images with different exposure times
05/04/2007	95	162	14:00		B	Momentum dump (#2)	LED and exposure linearity calibrations
12/04/2007	102	169	16:30	18:41	A	HI LED calibrations / HI exposure linearity sequences	LED + sky and sky only images; images with different exposure times
12/04/2007	102	169	19:00		A	Momentum dump (#4)	LED and exposure linearity calibrations
14/04/2007	104	171	0:50		A/B	Contaminated HI images	Some HI images contaminated with other instruments; situation persists until day 150 depending on schedule being run; check bad files lists
14/04/2007	104	171			B	Bright Earth	Earth background no longer in HI-1B (approx date)
17/04/2007	107	174	8:40	11:20	B	SECCHI stepped calibration roll (#2)	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
19/04/2007	109	176	15:20 ?		A	SECCHI GT offpoints	Time ambiguous in ops meeting minutes; 14:20 or 15:20 ?
19/04/2007	109	176	4:00	5:00	B	HI LED calibrations / HI exposure linearity sequences	LED + sky and sky only images; images with different exposure times
19/04/2007	109	176	10:05		B	SECCHI GT offpoints	
25/04/2007	115	182	22:41	23:59	?	Data gap	Not in data loss log
26/04/2007	116	183	0:00	1:56	?	Data gap	Not in data loss log
23/05/2007	143	210	12:00	14:11	A	HI LED calibrations / HI exposure linearity sequences	LED + sky and sky only images; images with different exposure times

23/05/2007	143	210	14:00		A	Momentum dump (#5)	LED and exposure linearity calibrations
23/05/2007	143	210	14:58	22:46	A/B ?	Data gaps	GS problems
23/05/2007	143	210	17:30	19:41	B	HI LED calibrations / HI exposure linearity sequences	LED + sky and sky only images; images with different exposure times
23/05/2007	143	210	20:00		B	Momentum dump (#3)	LED and exposure linearity calibrations
24/05/2007	144	211	14:09	17:03	A	Data gap	SECCHI partition 19 full
24/05/2007	144	211	0:00	23:59	B	Invalid SECCHI-B data	Bad tables uplinked
30/05/2007	150	217			A/B	SEB software uplink	Fix for contaminated images
31/05/2007	151	218			A	Data gap	Synoptic buffer full
06/06/2007	157	224	18:57	19:30	B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #1; observations resumed at 00:00 Jun 7
07/06/2007	158	225	0:00		B	Observation schedule resumed	
07/06/2007	158	225			?	Data gap	Synoptic buffer full; 55 min data lost
16/06/2007	167	234	15:58	23:59	A	Data missing from AH files	
16/06/2007	167	234	10:07	14:00	A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #3; observations resumed at 16:00
16/06/2007	167	234	16:00		A	Observation schedule resumed	
17/06/2007	168	235	0:00	10:25	A	Data missing from AH files	
27/06/2007	178	245			A	IMU disabled; pointing loop closed round ST and GT	
01/07/2007	182	249	9:59	23:59	B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #2; observations resumed at 00:00 Jul 3
02/07/2007	183	250	0:00	21:35	B	Maintenance mode	
03/07/2007	184	251	1:00		B	Observation schedule resumed	
05/07/2007	186	253	10:30	12:41	A	HI LED calibrations / HI exposure linearity sequences	LED + sky and sky only images; images with different exposure times
05/07/2007	186	253	13:00		A	Momentum dump (#6)	
11/07/2007	192	259	11:30	13:00	A	HGA calibration roll (#5)	
11/07/2007	192	259	15:30	15:00	B	HGA calibration roll (#5)	
18/07/2007	199	266	12:11	12:21	A	SECCHI GT disable test	
18/07/2007	199	266	17:27	17:37	B	SECCHI GT disable test	
25/07/2007	206	273	18:03	18:43	B	HI LED calibrations	LED + sky and sky only images
25/07/2007	206	273	19:00	19:04	B	Momentum dump (#4)	
14/08/2007	226	293	14:50	16:02	B	COR-2 off-point calibration	GT disabled and off-points to 5' in 30" steps, 5 min dwells
16/08/2007	228	295	21:38	22:21	A	HI LED calibrations	LED + sky and sky only images
16/08/2007	228	295	22:45		A	Momentum dump (#7)	
17/08/2007	229	296			A	SEB software uplink	
01/09/2007	244	311	5:49	20:08	B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #3; observations resumed at 20:00 Sept 1
01/09/2007	244	311	20:08		B	Observation schedule resumed	
25/09/2007	268	335	12:02	12:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
25/09/2007	268	335	13:00		A	Momentum dump (#8)	
25/09/2007	268	335	17:02	17:40	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
25/09/2007	268	335	18:00		B	Momentum dump (#5)	
30/09/2007	273	340	12:12		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #4; observations resumed at 20:00 Oct 1
01/10/2007	274	341	20:00		B	Observation schedule resumed	
01/10/2007	274	341			A	SEB software uplink	Rev 5.05
02/10/2007	275	342	22:54		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #4; observations resumed at 14:00 Oct 3
03/10/2007	275	342	14:00		A	Observation schedule resumed	
03/10/2007	276	343	14:00	15:30	A	HGA calibration roll (#6)	
03/10/2007	276	343	16:00	17:30	B	HGA calibration roll (#6)	
04/10/2007	277	344			B	SEB software uplink	Rev 5.05
05/10/2007	278	345			A	SEB software uplink restored	Rev 5.05
22/10/2007	295	362	7:00		A	SWAVES 90/270 deg roll	04:00 UT ?

22/10/2007	295	362	10:00		B	SWAVES 90/270 deg roll	07:00 UT ?
23/10/2007	296	363	15:30		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #5; observations resumed at 12:00 Oct 25
25/10/2007	298	365	12:00		A	Observation schedule resumed	
01/11/2007	305	372			A/B	SEB software uplink	Rev 5.06
08/11/2007	312	379	16:10	16:53	A	HI LED calibrations	LED + sky and sky only images
08/11/2007	312	379	17:30		A	Momentum dump (#9)	
26/11/2007	330	397			A/B	SEB software uplink	Rev 5.07
28/11/2007	332	399	14:40	15:23	B	HI LED calibrations	LED + sky and sky only images
28/11/2007	332	399	16:00		B	Momentum dump (#6)	
20/12/2007	354	421	13:02	13:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
20/12/2007	354	421	14:00		A	Momentum dump (#10)	
21/12/2007	355	422	10:10		B	Star Tracker anomaly onset	Some HI data missing 21-29 Dec inclusive
23/12/2007	357	424			B	Recovery of Star Tracker	
27/12/2007	361	428			B	Normal operations resumed	Some HI data still missing 28, 29 Dec due to SSR1 not being emptied
03/01/2008	3	435	7:37	10:17	A	SECCHI stepped calibration roll	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
07/01/2008	7	439	0:00		A/B	Start of SECCHI Campaign	High cadence EUVI 171 and 304 images
14/01/2008	14	446			A/B	MESSENGER Mercury fly-by	
14/01/2008	14	446			B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #5; observations resumed at 16:00
14/01/2008	14	446	16:00		B	Observation schedule resumed	
20/01/2008	20	452		23:59	A/B	End of SECCHI Campaign	
23/01/2008	23	455	14:32	15:10	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
23/01/2008	23	455	15:30		B	Momentum dump (#7)	
24/01/2008	24	456	1:07		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #6; observations resumed at 00:00 Jan 15
25/01/2008	25	457	0:00		A	Observation schedule resumed	
06/02/2008	37	469	12:25	13:08	A	HI LED calibrations	LED + sky and sky only images
06/02/2008	37	469	13:45		A	Momentum dump (#11)	
08/02/2008	39	471	21:07	23:59	B	SECCHI data gap	Ground station problem
09/02/2008	40	472	0:00	8:06	B	SECCHI data gap	Ground station problem
11/02/2008	42	474			B	ST not used between tracks	Potentially degraded roll information
12/02/2008	43	475			B	ST not used between tracks	Potentially degraded roll information
13/02/2008	44	476			A	ST not used between tracks	Potentially degraded roll information
13/02/2008	44	476			B	ST not used between tracks	Potentially degraded roll information
14/02/2008	45	477			A	ST not used between tracks	Potentially degraded roll information
15/02/2008	46	478			A	ST not used between tracks	Potentially degraded roll information
19/02/2008	50	482	9:52	12:32	B	SECCHI stepped calibration roll (#3)	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
29/02/2008	60	492	4:07		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #6; observations resumed at 22:00
29/02/2008	60	492	22:00		B	Observation schedule resumed	
18/03/2008	60	492	0:00		B	Erroneous schedule uploaded	Missing and contaminated images until Mar 27
18/03/2008	79	511	20:05	20:48	B	HI LED calibrations	LED + sky and sky only images
18/03/2008	79	511	21:25		B	Momentum dump (#8)	
25/03/2008	85	517	15:32	16:10	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
25/03/2008	85	517	16:30		A	Momentum dump (#12)	
27/03/2008	86	518	0:00		B	IS and IP resets	Resolved missing and contaminated image problem
01/04/2008	92	524	10:42	13:22	A	SECCHI stepped calibration roll	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg; small pointing offset reported at 12:22 by COR-1, ~ 45-60 arcsec in SC Y-direction
02/04/2008	93	525	15:00	16:30	A	HGA calibration roll (#7)	
02/04/2008	93	525	20:00	21:30	B	HGA calibration roll (#7)	

09/04/2008	100	532			A/B	SEB software uplink	Rev 5.08
07/05/2008	128	560	11:25	12:08	A	HI LED calibrations	LED + sky and sky only images
07/05/2008	128	560	12:45		A	Momentum dump (#13)	
15/05/2008	136	568	21:42	22:20	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
15/05/2008	136	568	22:40		B	Momentum dump (#9)	
20/05/2008	141	573	11:37	14:17	B	SECCHI stepped calibration roll (#4)	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg; Repeat of roll #4 3 roll positions were off-pointed; may be repeated
18/06/2008	170	602	13:32	14:10	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
18/06/2008	170	602	14:30		A	Momentum dump (#14)	
25/06/2008	177	609	14:27	17:07	B	SECCHI stepped calibration roll (#5)	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg; small pointing offset reported at 12:22 by COR-1, ~ 45-60 arcsec in SC Y-direction
26/06/2008	178	610	9:02	11:42	A	SECCHI stepped calibration roll	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg (perihelion roll)
30/06/2008	182	614	16:15		A	SECCHI GT offpoints	Off-points not exceeding 2 arcmin
30/06/2008	182	614	12:15		B	SECCHI GT offpoints	Off-points not exceeding 2 arcmin
07/07/2008	189	621	16:15		A	SECCHI GT offpoints	Off-points not exceeding 2 arcmin (other 2 wavelengths)
07/07/2008	189	621	16:15		B	SECCHI GT offpoints	Off-points not exceeding 2 arcmin (other 2 wavelengths)
09/07/2008	191	623	14:00	15:30	A	HGA calibration roll (#8)	Spacecraft rolled by +/- 0.5 deg
09/07/2008	191	623	17:00	18:30	B	HGA calibration roll (#8)	Spacecraft rolled by +/- 1.0 deg
17/07/2008	199	631	18:25	19:08	B	HI LED calibrations	LED + sky and sky only images
17/07/2008	199	631	19:45		B	Momentum dump (#10)	
31/07/2008	213	645	19:00	19:43	A	HI LED calibrations	LED + sky and sky only images
31/07/2008	213	645	20:20		A	Momentum dump (#15)	
04/08/2008	217	649			A/B	Track durations increase from 4 to 5 hours	
26/08/2008	239	671	20:22	23:02	B	SECCHI stepped calibration roll (#6)	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
28/08/2008	241	673	12:00		A	SEB software patch	Rev 5.09
08/09/2008	252	684	0:00	2:00	B	Corrupted HI images	Bad schedule uploaded
11/09/2008	255	687	20:56		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #7; observations resumed at 14:00 Sept 12
12/09/2008	256	688	14:00		A	Observation schedule resumed	
15/09/2008	259	691			B	SEB software patch	Rev 5.09
15/09/2008	259	691			B	TM rate drops to 480 kbps	
16/09/2008	260	692	12:02	12:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
16/09/2008	260	692	13:00		A	Momentum dump (#16)	
23/09/2008	267	699	16:02	16:40	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
23/09/2008	267	699	17:00		B	Momentum dump (#11)	
30/09/2008	274	706	7:02	9:42	A	SECCHI stepped calibration roll	Roll offsets of 60, 90, 120, 180, 240, 270, 300 deg
13/10/2008	287	719			A	TM rate drops to 480 kbps	
30/10/2008	304	736	11:10	11:53	A	HI LED calibrations	LED + sky and sky only images
30/10/2008	304	736	12:30		A	Momentum dump (#17)	
13/11/2008	318	750	0:00	2:00	A	HI-1 High Cadence Campaign Test	28 masked images at 4 min cadence, 4 x 40 sec exposures summed.
24/11/2008	329	761	17:10	17:53	B	HI LED calibrations	LED + sky and sky only images
24/11/2008	329	761	18:30		B	Momentum dump (#12)	
02/12/2008	337	769	14:50		A	SECCHI stepped calibration roll	Aphelion
16/12/2008	351	783	3:50		B	SECCHI stepped calibration roll (#7)	Mid-point
17/12/2008	352	784	12:02	12:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
17/12/2008	352	784	13:00		A	Momentum dump (#18)	
07/01/2009	7	805	15:30	17:00	A	HGA calibration roll (#9)	Roll of +/- 1 deg in 0.5 deg steps

07/01/2009	7	805	18:00	19:30	B	HGA calibration roll (#9)	Roll of +/- 1 deg in 0.5 deg steps
21/01/2009	21	819	18:02	18:40	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
21/01/2009	21	819	19:00		B	Momentum dump (#13)	
22/01/2009	22	820			A/B	Start of extended mission	
23/01/2009	23	821	13:28		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #8; observations resumed at 08:00 Jan 24
24/01/2009	24	822	8:00		A	Observation schedule resumed	
24/01/2009	24	822			A/B	Spacecraft separation 90 degrees	
04/02/2009	35	833	12:40	13:23	A	HI LED calibrations	LED + sky and sky only images
04/02/2009	35	833	14:00		A	Momentum dump (#19)	
17/02/2009	48	846	13:00		B	SECCHI stepped calibration roll (#8)	Additional calibration roll due to stray light increase
06/03/2009	65	863	2:27		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #7; observations resumed at 20:00
06/03/2009	65	863	20:00		B	Observation schedule resumed	
09/03/2009	68	866	18:40	19:23	B	HI LED calibrations	LED + sky and sky only images
09/03/2009	68	866	20:00		B	Momentum dump (#14)	Frequency of momentum dumps on B increased
10/03/2009	69	867	1:20		A	SECCHI stepped calibration roll	Mid-point
10/03/2009	69	867	8:36		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #9; observations resumed at 14:00 Mar 11
11/03/2009	70	868	14:00		A	Observation schedule resumed	
12/03/2009	71	869	5:30		A	HI-A L4 roll (#1)	
18/03/2009	77	875	15:50		B	HI-B L5 roll (#1)	
25/03/2009	84	882	13:32	14:10	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
25/03/2009	84	882	14:30		A	Momentum dump (#20)	
07/04/2009	97	895	1:40		B	SECCHI stepped calibration roll (#9)	Perihelion calibration roll - delayed due to extra roll on 17 Feb
08/04/2009	98	896	3:50		A	HI-A L4 roll (#2)	
08/04/2009	98	896	7:50		B	HI-B L5 roll (#2)	
17/04/2009	107	905			A	SCIP CEB anomaly	No COR-2A images
19/04/2009	109	907			A	SCIP CEB reset	COR-2A images restored
22/04/2009	112	910	2:02	2:40	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
22/04/2009	112	910	3:00		B	Momentum dump (#15)	
28/04/2009	118	916	19:50		A	HI-A L4 roll (#3)	
05/05/2009	125	923	5:35		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #10; observations resumed at 08:00 May 6
06/05/2009	126	924	8:00		A	Observation schedule resumed	
06/05/2009	126	924	17:50		B	HI-B L5 roll (#3)	
12/05/2009	132	930	12:10	12:53	A	HI LED calibrations	LED + sky and sky only images
12/05/2009	132	930	13:30		A	Momentum dump (#21)	
12/05/2009	132	930	23:05		B	SECCHI powered off	G&C update
13/05/2009	133	931	6:00		B	SECCHI observation schedule resumed	G&C update
20/05/2009	140	938	7:35		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #11; observations resumed at 22:00
20/05/2009	140	938	22:00		A	Observation schedule resumed	
27/05/2009	147	945	13:50		A	HI-A L4 roll (#4)	
27/05/2009	147	945	17:50		B	HI-B L5 roll (#4)	
04/06/2009	155	953	14:02	14:39	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures (incorrect cal type)
04/06/2009	155	953	15:00		B	Momentum dump (#16)	
09/06/2009	160	958	9:50		A	SECCHI stepped calibration roll (#9)	Aphelion calibration roll
16/06/2009	167	965	11:30		B	SECCHI stepped calibration roll (#10)	Mid-point calibration roll
17/06/2009	168	966	1:50		A	HI-A L4 roll (#5)	
17/06/2009	168	966	15:50		B	HI-B L5 roll (#5)	
25/06/2009	176	974	19:02	19:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures

25/06/2009	176	974	20:00		A	Momentum dump (#22)	
01/07/2009	182	980	17:00	18:30	B	HGA calibration roll (#10)	
02/07/2009	183	981	14:00	15:30	A	HGA calibration roll (#10)	
08/07/2009	189	987	1:50		A	HI-A L4 roll (#6)	
08/07/2009	189	987	15:50		B	HI-B L5 roll (#6)	
23/07/2009	204	1002	22:25	23:08	B	HI LED calibrations	LED + sky and sky only images
23/07/2009	204	1002	23:45		B	Momentum dump (#17)	
28/07/2009	209	1007	11:10	11:53	A	HI LED calibrations	LED + sky and sky only images
28/07/2009	209	1007	12:36		A	Momentum dump (#23)	
29/07/2009	210	1008	21:50		A	HI-A L4 roll (#7)	
04/08/2009	216	1014	9:45		A	SECCHI powered off	G&C update
04/08/2009	216	1014	18:00		A	SECCHI observation schedule resumed	G&C update
05/08/2009	217	1015	15:50		B	HI-B L5 roll (#7)	
06/08/2009	218	1016	21:33		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #8; observations resumed at 04:00 Aug 7
07/08/2009	219	1017	4:00		B	Observation schedule resumed	
10/08/2009	222	1020			A/B	Track durations increase from 5 to 6 hours	
12/08/2009	224	1022	6:01		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #9; observations resumed at 02:00 Aug 13
13/08/2009	225	1023	1:50		A	HI-A L4 roll (#8)	
13/08/2009	225	1023	2:00		B	Observation schedule resumed	
17/08/2009	229	1027			A	TM rate drops to 360 kbps	
20/08/2009	232	1030	17:50		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #12; observations resumed at 14:00 Aug 21
21/08/2009	233	1031	14:00		A	Observation schedule resumed	
21/08/2009	233	1031	15:47		A	New HI-2 beacon mode images	
25/08/2009	237	1035	21:47		B	New HI-2 beacon mode images	
26/08/2009	238	1036	13:02	13:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
26/08/2009	238	1036	14:00		A	Momentum dump (#24)	
08/09/2009	251	1049	14:05		B	TM rate drops to 360 kbps	
10/09/2009	253	1051	12:45		A	SECCHI stepped calibration roll (#10)	Mid-point calibration roll
12/09/2009	255	1053			A	Ahead at L4 Lagrange point	
16/09/2009	259	1057	16:02	16:40	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
16/09/2009	259	1057	17:00		B	Momentum dump (#18)	
28/09/2009	271	1069	17:28		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #13; observations resumed at 14:00 Sept 29
30/09/2009	273	1071	18:10		B	SECCHI stepped calibration roll (#11)	
15/10/2009	288	1086	15:40	16:23	A	HI LED calibrations	LED + sky and sky only images
15/10/2009	288	1086	17:00		A	Momentum dump (#25)	
19/10/2009	292	1090	5:43		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #10; observations resumed at 16:00
23/10/2009	296	1094	20:17		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #14; observations resumed at 12:00 Oct 24
24/10/2009	297	1095	3:31		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #11; observations resumed at 00:00
26/10/2009	299	1097			B	Behind at L5 Lagrangian point	
03/11/2009	307	1105	14:40	15:23	B	HI LED calibrations	LED + sky and sky only images
03/11/2009	307	1105	16:00		B	Momentum dump (#19)	
15/11/2009	319	1117	16:07		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #15; observations resumed at 06:00 Nov 16
24/11/2009	328	1126	14:15		A	SECCHI stepped calibration roll (#11)	Aphelion roll
30/11/2009	334	1132			B	Track durations increase from 6 to 7 hours	
02/12/2009	336	1134	14:02	14:40	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
02/12/2009	336	1134	15:00		A	Momentum dump (#26)	
08/12/2009	342	1140			B	TM rate drops to 240 kbps	

22/12/2009	356	1154	16:00		B	Momentum dump (#20)	No HI calibration performed
05/01/2010	5	1168	12:15		B	SECCHI stepped calibration roll (#12)	Mid-point roll - unsuccessful due to scheduling problem
05/01/2010	5	1168	21:25		B	SECCHI warm re-boot	SECCHI-B reboot #12; caused corrupted images; recovery at 04:00 Jan 6
06/01/2010	6	1169	14:00	15:30	A	HGA calibration roll (#11)	
06/01/2010	6	1169	16:00	17:30	B	HGA calibration roll (#11)	
19/01/2010	19	1182	8:40		B	SECCHI stepped calibration roll (#12 repeated)	Mid-point roll repeated
19/01/2010	19	1182	14:40	15:23	A	HI LED calibrations	LED + sky and sky only images
19/01/2010	19	1182	16:00		A	Momentum dump (#27)	
26/01/2010	26	1189	13:00		B	SEB software uplink	Rev 5.15 - to fix problem of corrupted images caused by warm re-boot
27/01/2010	27	1190	7:56	20:12	A	Star Tracker reset	Similar to B ST problem in Dec 07, recovered autonomously at 20:12, SC remained in fine-pointing mode
02/02/2010	33	1196	17:00		A	SEB software uplink	Rev 5.15 - to fix problem of corrupted images caused by warm re-boot
03/02/2010	34	1197	17:02	17:40	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
03/02/2010	34	1197	18:00		B	Momentum dump (#21)	
11/02/2010	42	1205	8:39		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #13; observations resumed at 14:00
20/02/2010	51	1214	0:37		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #14; observations resumed at 04:00
23/02/2010	54	1217	2:10		A	SECCHI stepped calibration roll (#12)	Mid-point roll
08/03/2010	67	1230	14:32	15:10	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures
08/03/2010	67	1230	15:30		A	Momentum dump (#28)	
18/03/2010	77	1240	20:10	20:53	B	HI LED calibrations	LED + sky and sky only images
18/03/2010	77	1240	21:30		B	Momentum dump (#22)	
06/04/2010	96	1259	17:05		B	SECCHI stepped calibration roll (#13)	
19/04/2010	109	1272			A	Track durations increase from 6 to 7 hours	
21/04/2010	111	1274	14:40	15:23	A	HI LED calibrations	LED + sky and sky only images
21/04/2010	111	1274	16:00		A	Momentum dump (#29)	
26/04/2010	116	1279			A	TM rate drops to 240 kbps	
27/04/2010	117	1280	18:48		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #16; observations resumed at 14:00 Apr 28
27/04/2010	117	1280	20:30		B	Momentum dump (#23)	No HI calibration performed
28/04/2010	118	1281	7:30	9:00	B	SECCHI-driven GT calibration offpoint	Maximum off-point ~ 1 arcmin
06/05/2010	126	1289	9:35	11:05	A	HI straylight off-point (#3)	Off-points of -0.25, -0.5, -0.75, -1.0, -1.25, +0.5 and +1.0 deg
06/05/2010	126	1289	17:50	19:20	B	HI straylight off-point (#3)	Off-points of -0.25, -0.5, -0.75, -1.0, -1.25, +0.5 and +1.0 deg
10/05/2010	130	1293	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
18/05/2010	138	1301	0:25		A	SECCHI stepped calibration roll (#13)	Perihelion roll
22/05/2010	142	1305	10:31		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #17; observations resumed at 22:00
26/05/2010	146	1309	9:25	10:55	A	SECCHI-driven GT calibration offpoint	Maximum off-point ~ 1 arcmin
04/06/2010	155	1318	14:00		A	Momentum dump (#30)	No HI calibration performed
09/06/2010	160	1323	21:30		B	Momentum dump (#24)	No HI calibration performed
01/07/2010	182	1345	12:01	12:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
01/07/2010	182	1345	21:00	22:30	B	HGA calibration roll (#12)	Roll by +/- 0.5 deg
15/07/2011	196	1359	15:00	16:30	A	HGA calibration roll (#12)	Roll by +/- 0.5 deg
16/07/2010	197	1360	10:01	10:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
16/07/2010	197	1360	14:00		A	Momentum dump (#31)	
21/07/2010	202	1365	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
22/07/2010	203	1366	17:00		B	Momentum dump (#25)	No HI calibration performed
29/07/2010	210	1373	13:57		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #15; observations resumed at 00:00
03/08/2010	215	1378	14:00		B	SECCHI stepped calibration roll (#14)	Mid-point roll

10/08/2010	222	1385	8:10		A	SECCHI stepped calibration roll (#14)	Mid-point roll
31/08/2010	243	1406	10:04	10:23	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
31/08/2010	243	1406	13:30		A	Momentum dump (#32)	
07/09/2010	250	1413	22:30		B	Momentum dump (#26)	No HI calibration performed
08/10/2010	281	1444	11:15		B	SECCHI stepped calibration roll (#15)	Aphelion roll
15/10/2010	288	1451	9:46	9:53	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
15/10/2010	288	1451	14:00		A	Momentum dump (#33)	
28/10/2010	301	1464	12:01	12:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
28/10/2010	301	1464	17:30		B	Momentum dump (#27)	
09/11/2010	313	1476	8:30		A	SECCHI stepped calibration roll (#15)	Aphelion roll
20/11/2010	324	1487	6:31		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #18; observations resumed at 16:00
02/12/2010	336	1499	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
02/12/2010	336	1499	15:00		A	Momentum dump (#34)	
03/12/2010	337	1500	17:31		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #19; observations resumed at 14:00 Dec 4
15/12/2010	349	1512	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
15/12/2010	349	1512	17:30		B	Momentum dump (#28)	
16/12/2010	350	1513	13:20		A	SECCHI stepped calibration roll	Additional calibration roll to assist with COR-1A background changes
02/01/2011	2	1530	5:54		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #20; observations resumed at 14:00
11/01/2011	11	1539	0:15		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #21; observations resumed at 16:00
12/01/2011	12	1540	16:00	17:30	B	HGA calibration roll (#13)	Roll by +/- 0.5 deg
13/01/2011	13	1541	16:00	17:30	A	HGA calibration roll (#13)	Roll by +/- 0.5 deg
19/01/2011	19	1547	16:01	16:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
19/01/2011	19	1547	20:00		A	Momentum dump (#35)	
27/01/2011	27	1555	14:01	14:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
27/01/2011	27	1555	19:00		B	Momentum dump (#29)	
01/02/2011	32	1560	13:15		A	SECCHI stepped calibration roll (#16)	Mid-point roll
06/02/2011	37	1565			A/B	A & B 180 deg apart	
08/02/2011	39	1567	9:45		B	SECCHI stepped calibration roll (#16)	Mid-point roll
11/02/2011	42	1570			A	COR-1 background increase	Coincided with dust storm
01/03/2011	60	1588	20:20	20:21	A	Star Tracker reset	Star Tracker A reset #2; recovered in a few seconds
08/03/2011	67	1595	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
08/03/2011	67	1595	16:00		A	Momentum dump (#36)	
10/03/2011	69	1597	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
10/03/2011	69	1597	19:45		B	Momentum dump (#30)	
22/03/2011	81	1609	9:15		A	SECCHI stepped calibration roll	Additional calibration roll to assist with COR-1A background changes - some data lost so will be repeated
05/04/2011	95	1623	9:00		A	SECCHI stepped calibration roll	Repeat of additional calibration roll
05/04/2011	95	1623	20:00	0:00	A	Cosmic-ray scrubbing disabled on HI-1	
10/04/2011	100	1628	0:20	16:28	A	Star Tracker reset	Star Tracker A reset #3
20/04/2011	110	1638	14:01	14:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
20/04/2011	110	1638	18:00		B	Momentum dump (#31)	
20/04/2011	110	1638	16:01	16:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
20/04/2011	110	1638	21:00		A	Momentum dump (#37)	
03/05/2011	123	1651	8:20		A	SECCHI stepped calibration roll (#17)	Perihelion roll
03/05/2011	123	1651	14:15		B	SECCHI stepped calibration roll (#17)	Perihelion roll
04/05/2011	124	1652	16:14		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #16; observations resumed at 20:00

09/05/2011	129	1657	17:20		B	SCIP CEB anomaly	"Interference" patterns in SCIP images - occurred at around time IMPACT/PLASTIC & SWAVES saw a 1553 bus error
12/05/2011	132	1660			B	SCIP CEB power-cycle	Corrected CEB anomaly although not recognised at time due to corrupted backgrounds
16/05/2011	136	1664	17:12		B	Warm re-boot of SEB following SCIP images anomaly	CEB anomaly already corrected by CEB power-cycle on day 132
30/05/2011	150	1678			A/B	Track durations increase from 7 to 8 hours	
30/05/2011	150	1678	3:41		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #22; observations resumed at 16:00
31/05/2011	151	1679	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
31/05/2011	151	1679	16:00		B	Momentum dump (#32)	
01/06/2011	152	1680	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
01/06/2011	152	1680	14:30		A	Momentum dump (#38)	
27/06/2011	178	1706			A	TM rate drops to 160 kbps for 34m stations	480 kbps for 70m stations
12/07/2011	193	1721	14:01	14:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
12/07/2011	193	1721	19:30		B	Momentum dump (#33)	
13/07/2011	193	1721			B	TM rate drops to 160 kbps for 34m stations	480 kbps for 70m stations
13/07/2011	194	1722	15:00	16:30	A	HGA calibration roll (#14)	Roll by +/- 0.5 deg
13/07/2011	194	1722	16:00	17:30	B	HGA calibration roll (#14)	Roll by +/- 0.5 deg
14/07/2011	195	1723	15:00		A	Momentum dump (#39)	No HI calibration performed
22/07/2011	203	1731	12:00	14:00	B	Test of 135 deg roll to observe Comet Elenin	
26/07/2011	207	1735	7:15		A	SECCHI stepped calibration roll (#18)	Mid-point roll
26/07/2011	207	1735	9:00		B	SECCHI stepped calibration roll (#18)	Mid-point roll
01/08/2011	213	1741	12:01	12:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
01/08/2011	213	1741	8:00	10:00	B	135 deg roll to observe Comet Elenin	
02/08/2011	214	1742	8:00	10:00	B	135 deg roll to observe Comet Elenin	
03/08/2011	215	1743	8:00	10:00	B	135 deg roll to observe Comet Elenin	
04/08/2011	216	1744	8:00	10:00	B	135 deg roll to observe Comet Elenin	
05/08/2011	217	1745	10:00	12:00	B	135 deg roll to observe Comet Elenin	
06/08/2011	218	1746	8:00	10:00	B	135 deg roll to observe Comet Elenin	
07/08/2011	219	1747	8:00	10:00	B	135 deg roll to observe Comet Elenin	
08/08/2011	220	1748	8:00	10:00	B	135 deg roll to observe Comet Elenin	
09/08/2011	221	1749	8:00	10:00	B	135 deg roll to observe Comet Elenin	
10/08/2011	222	1750	8:00	10:00	B	135 deg roll to observe Comet Elenin	
11/08/2011	223	1751	8:00	10:00	B	135 deg roll to observe Comet Elenin	
12/08/2011	224	1752	10:00	12:00	B	135 deg roll to observe Comet Elenin	
21/08/2011	233	1761	23:47		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #23; observations resumed at 14:00 Aug 22
22/08/2011	233	1761	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
24/08/2011	236	1399	18:00		B	Momentum dump (#34)	No HI calibration performed
25/08/2011	237	1400	12:30		A	Momentum dump (#40)	No HI calibration performed
04/10/2011	277	1440	8:01	8:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
04/10/2011	277	1440	13:30		A	Momentum dump (#41)	
03/10/2011	276	1439	10:01	10:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
04/10/2011	277	1440	15:00		B	Momentum dump (#35)	
26/10/2011	299	1462			A/B	STEREO launch fifth anniversary	
26/10/2011	299	1462	8:25		A	SECCHI stepped calibration roll (#19)	Aphelion roll - no COR1 data
08/11/2012	312	1475	9:25		B	SECCHI stepped calibration roll (#19)	Aphelion roll
15/11/2011	319	1482	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
15/11/2011	319	1482	16:30		A	Momentum dump (#42)	

16/11/2011	320	1483	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
16/11/2011	320	1483	22:00		B	Momentum dump (#36)	
17/11/2011	321	1484	19:02		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #24; observations resumed at 12:00 Nov 18
23/11/2011	327	1490	5:27		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #25; observations resumed at 15:00 Nov 23
29/11/2011	333	1496	9:00		A	SECCHI stepped calibration roll (#19)	Aphelion roll repeated
16/12/2011	350	1513	0:00		A/B	Comet Lovejoy perihelion	
19/12/2011	353	1516	12:01	12:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
19/12/2011	353	1516	16:00		B	Momentum dump (#37)	
20/12/2011	354	1517	12:01	12:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
20/12/2011	354	1517	17:00		A	Momentum dump (#43)	
02/01/2012	2	1530	22:15		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #26; observations resumed at 16:15 Jan 3
10/01/2012	10	1538	2:40		A	SECCHI stepped calibration roll (#20)	Mid-point roll
10/01/2012	10	1538	17:00		A	HGA calibration roll (#15)	Roll by +/- 0.5 deg
12/01/2012	12	1540	19:00		B	HGA calibration roll (#15)	Roll by +/- 0.5 deg
01/02/2012	32	1560	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
01/02/2012	32	1560	17:00		A	Momentum dump (#44)	
01/02/2012	32	1560	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
01/02/2012	32	1560	23:00		B	Momentum dump (#38)	
14/02/2012	45	1573	7:05		B	SECCHI stepped calibration roll (#20)	Mid-point roll
05/03/2012	65	1593	14:01	14:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
05/03/2012	65	1593	18:00		A	Momentum dump (#45)	
08/03/2012	68	1596	12:01	12:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
08/03/2012	68	1596	16:00		B	Momentum dump (#39)	
09/03/2012	69	1597	4:12		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #27; observations resumed at 18:00
03/04/2012	94	1622	14:45		A	SECCHI stepped calibration roll (#21)	Perihelion roll
11/04/2012	102	1630	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
11/04/2012	102	1630	15:00		B	Momentum dump (#40)	
17/04/2012	108	1636	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
18/04/2012	109	1637	16:00		A	Momentum dump (#46)	
15/05/2012	136	1664	17:00		B	Momentum dump (#41)	No HI calibration performed
29/05/2012	150	1678	6:05		B	SECCHI stepped calibration roll (#21)	Perihelion roll
31/05/2012	152	1680	12:01	12:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
31/05/2012	152	1680	16:00		A	Momentum dump (#47)	
08/06/2012	160	1688	10:23		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #28; observations resumed at 16:55
12/06/2012	164	1692	15:00		B	Momentum dump (#42)	
13/06/2012	165	1693	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
26/06/2012	178	1706	2:20		A	SECCHI stepped calibration roll (#22)	Mid-point roll
30/06/2012	182	1710	23:59		A/B	Leap second correction	
11/07/2012	193	1721	15:00		B	HGA calibration roll (#16)	Roll by +/- 0.5 deg
12/07/2012	194	1722	12:56		A	HGA calibration roll (#16)	Roll by +/- 0.5 deg
13/07/2012	195	1723	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
13/07/2012	195	1723	16:30		A	Momentum dump (#48)	
17/07/2012	199	1727	19:30		B	Momentum dump (#43)	
18/07/2012	200	1728	22:01	22:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
21/08/2012	234	1762	10:01	10:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
21/08/2012	234	1762	15:30		A	Momentum dump (#49)	
22/08/2012	235	1763	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images

22/08/2012	235	1763	18:00		B	Momentum dump (#44)	
03/09/2012	247	1775	13:00		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #17; observations resumed at 15:16
04/09/2012	248	1776	11:15		B	SECCHI stepped calibration roll (#22)	Mid-point roll
18/09/2012	262	1790	8:40		A	SECCHI stepped calibration roll (#23)	Aphelion roll
24/09/2012	268	1796	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
24/09/2012	268	1796	16:00		A	Momentum dump (#50)	
25/09/2012	269	1797	10:01	10:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
25/09/2012	269	1797	15:00		B	Momentum dump (#45)	
29/10/2012	273	1801			B	Switch to IMU-2 ?	
02/11/2012	307	1835	12:01	12:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
02/11/2012	307	1835	16:30		A	Momentum dump (#51)	
03/11/2012	308	1836	14:36		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #18; observations resumed at 18:20
05/11/2012	310	1838			B	TM rate drops to 120 kbps	
06/11/2012	311	1839	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
06/11/2012	311	1839	21:00		B	Momentum dump (#46)	
04/12/2012	339	1867	8:15		B	SECCHI stepped calibration roll (#23)	Aphelion roll
06/12/2012	341	1869	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
06/12/2012	341	1869	16:45		A	Momentum dump (#52)	
10/12/2012	345	1873	10:38		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #19; observations resumed at 18:00
18/12/2012	353	1881	10:15		A	SECCHI stepped calibration roll (#24)	Mid-point roll
20/12/2012	353	1881	16:01	16:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
20/12/2012	353	1881	21:00		B	Momentum dump (#47)	
09/01/2013	9	1902	18:00		A	HGA calibration roll (#17)	Roll by +/- 0.5 deg
10/01/2013	10	1903	21:00		B	HGA calibration roll (#17)	Roll by +/- 0.5 deg
11/01/2013	11	1904	14:01	14:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
11/01/2013	11	1904	18:00		A	Momentum dump (#53)	
28/01/2013	28	1921	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
28/01/2013	28	1921	17:15		B	Momentum dump (#48)	
18/02/2013	49	1942	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
18/02/2013	49	1942	19:00		A	Momentum dump (#54)	
19/02/2013	50	1943	12:01	12:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
19/02/2013	50	1943	17:00		B	Momentum dump (#49)	
08/03/2013	67	1960			B	Start of passage of comet PanSTARRS in HI-1B	
12/03/2013	71	1964	8:35		B	SECCHI stepped calibration roll (#24)	Mid-point roll
17/03/2013	76	1969			B	End of passage of comet PanSTARRS in HI-1B	
19/03/2013	78	1971	10:10		A	SECCHI stepped calibration roll (#25)	Perihelion roll
21/03/2013	80	1973	14:01	14:08	A	HI LED calibrations	LED + sky and sky only images, reduced number of images
21/03/2013	80	1973	18:00		A	Momentum dump (#55)	
28/03/2013	87	1980	0:09	0:28	B	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
28/03/2013	87	1980	16:30		B	Momentum dump (#50)	
15/04/2013	105	1998	4:45		A	Watchdog timer reset (maintenance mode)	SECCHI-A reboot #29; observations resumed at 17:25
25/04/2013	115	2008	0:09	0:28	A	HI exposure linearity sequences	0, 1, 5, 10, 15, 24, 40, 50, 110 sec exposures; binned images
25/04/2013	115	2008	19:30		A	Momentum dump (#56)	
29/04/2013	119	2012	22:24		B	Watchdog timer reset (maintenance mode)	SECCHI-B reboot #20; observations resumed at 01:56 Apr 30
01/05/2013	121	2014	12:01	12:08	B	HI LED calibrations	LED + sky and sky only images, reduced number of images
01/05/2013	121	2014	17:00		B	Momentum dump (#51)	
05/05/2013	125	2018			A	TM rate drops to 120 kbps	

30/05/2013	150		16:30	A	Momentum dump (#57)	Planned
05/06/2013	156		18:30	B	Momentum dump (#52)	Planned
11/06/2013	162		8:35	A	SECCHI stepped calibration roll (#26)	Planned
18/06/2013	169		17:00	B	SECCHI stepped calibration roll (#25)	Planned
09/07/2013	190		17:00	A	HGA calibration roll (#18)	Planned: Roll by +/- 0.5 deg
10/07/2013	191		16:00	B	HGA calibration roll (#18)	Planned: Roll by +/- 0.5 deg
28/11/2013				A/B	Perihelion passage of Comet ISON	
20/01/2015				B	Spacecraft goes behind Sun	Predicted TM LOS
17/03/2015				A	Spacecraft goes behind Sun	Predicted TM LOS
28/03/2015				B	Spacecraft emerges from behind Sun	Predicted TM AOS
25/08/2015				B	Spacecraft goes behind Sun	Predicted TM LOS
14/07/2015				A	Spacecraft emerges from behind Sun	Predicted TM AOS
19/10/2015				B	Spacecraft emerges from behind Sun	Predicted TM AOS
11/07/2017				A	TM rate increases to 160 kbps	Planned
22/07/2017				B	TM rate increases to 160 kbps	Planned