Erratum: "Cassini Composite Infrared Spectrometer (CIRS) Observations of Titan 2004-2017" (2019, ApJS, 244, 14)

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Erratum: "*Cassini* Composite Infrared Spectrometer (CIRS) Observations of Titan 2004–2017" (2019, ApJS, 244, 14)

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1. Erratum Text

Following release of the published article, it was noticed that one figure, and a set of tables, contained erroneous information, which is now described and corrected.

First, in Figure 2 of the published article "Magnitude of inclination of *Cassini*'s orbit over time relative to the Saturn ring plane" the inclination values shown in the figure are in fact with respect to the ecliptic plane, not Saturn's ring plane. A corrected figure is given in Figure 2 below.

Second, a small but highly significant error occurred in the dates reported for the observations as listed in Tables 5–10 of Appendices C–H. Although the reported "day-of-year" (DOY) number is correct, the date (MM/DD/YY) was advanced by one day due to a conversion error. Hence, for example, the observation CIRS_200TI_FIRLMBAER002_PRIME of Table 5, flyby T97, is reported as DOY 001, but January 2. This applies uniformly to all dates reported in Tables 5–10, while the time of day remains correct. Since no Titan observations are reported on DOY 365 or 366, there is no case where the year is incorrect, although both the month as well as the day of the month may be wrong for dates at the end of months. Table 4 of the published article, giving the dates of flybys, has correct dates and is unaffected.

Replacement tables, with corrected dates are included in Tables 5–10, which replace Tables 5–10 of the published article.

[11] Contributions to the project during internship at NASA GSFC.

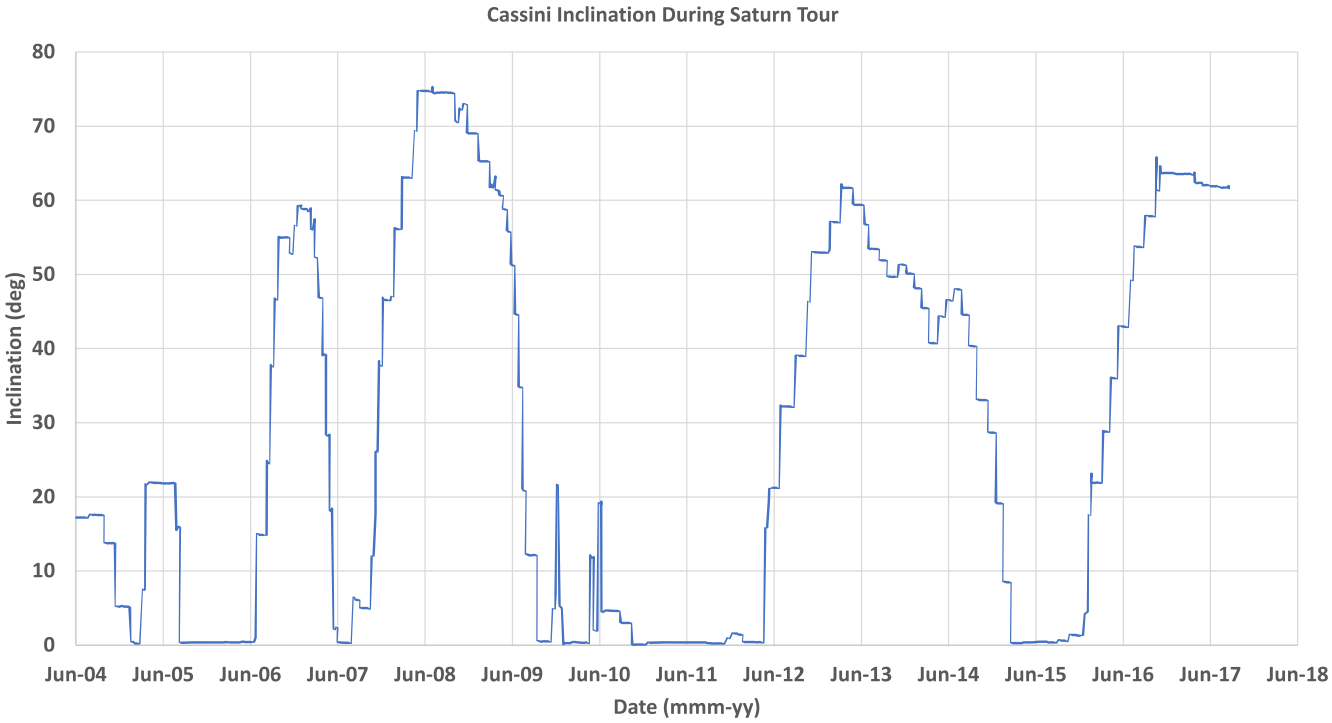

Figure 2. Magnitude of inclination of Cassini's orbit over time relative to the Saturn ring plane (corrected).

Table 5
CIRS Far-Infrared Limb Observations (Corrected)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Latitudes)
T4	CIRS_005TI_FIRLMBT002_PRIME	03/31/05	090	20:05:16	0:45	80N, 70N
T4	CIRS_005TI_FIRLMBAER002_PRIME	03/31/05	090	20:50:16	0:30	85N, 75N
T4	CIRS_005TI_FIRLMBINT002_PRIME	03/31/05	090	21:20:16	0:45	85N
T6	CIRS_013TI_FIRLMBINT002_PRIME	08/22/05	234	06:38:37	1:00	55S
T6	CIRS_013TI_FIRLMBAER002_PRIME	08/22/05	234	07:38:37	0:30	50S
T6	CIRS_013TI_FIRLMBT002_PRIME	08/22/05	234	08:08:37	0:35	50S, 55S
T6	CIRS_013TI_FIRLMBT003_PRIME	08/22/05	234	09:03:37	0:35	45S, 40S
T6	CIRS_013TI_FIRLMBAER003_PRIME	08/22/05	234	09:38:37	0:30	40S
T6	CIRS_013TI_FIRLMBINT003_PRIME	08/22/05	234	10:08:37	1:00	45S
T10	CIRS_020TI_FIRLMBINT003_PRIME	01/15/06	015	12:41:27	1:00	55N
T14	CIRS_024TI_FIRLMBINT002_PRIME	05/20/06	140	09:48:11	1:25	50N
T14	CIRS_024TI_FIRLMBINT003_PRIME	05/20/06	140	13:45:11	0:48	50N
T15	CIRS_025TI_FIRLMBAER003_PRIME	07/02/06	183	09:50:47	1:00	62N
T15	CIRS_025TI_FIRLMBINT003_PRIME	07/02/06	183	10:50:47	1:00	62N
T16	CIRS_026TI_FIRLMBINT003_PRIME	07/22/06	203	01:40:26	1:00	45N
T17	CIRS_028TI_FIRLMBINT002_PRIME	09/07/06	250	17:52:51	1:00	15S
T17	CIRS_028TI_FIRLMBAER002_PRIME	09/07/06	250	18:52:51	0:39	15S
T17	CIRS_028TI_FIRLMBT002_PRIME	09/07/06	250	19:31:51	0:30	15S, 25S
T18	CIRS_029TI_FIRLMBINT003_PRIME	09/23/06	266	16:58:49	1:15	30N
T24	CIRS_038TI_FIRLMBINT001_PRIME	01/29/07	029	05:15:55	0:45	28N
T24	CIRS_038TI_FIRLMBT001_PRIME	01/29/07	029	06:00:55	0:52	28N
T26	CIRS_040TI_FIRLMBINT001_PRIME	03/09/07	068	23:34:00	0:51	10N
T26	CIRS_040TI_FIRLMBT002_PRIME	03/10/07	069	02:12:00	0:30	3N, 17N
T26	CIRS_040TI_FIRLMBAER002_PRIME	03/10/07	069	02:42:00	0:30	15N
T26	CIRS_040TI_FIRLMBINT002_PRIME	03/10/07	069	03:35:00	0:37	15N
T27	CIRS_041TI_FIRLMBINT002_PRIME	03/26/07	085	01:56:27	0:42	44N
T32	CIRS_046TI_FIRLMBINT903_PRIME	06/13/07	164	18:32:11	0:16	45N
T35	CIRS_049TI_FIRLMBINT001_PRIME	08/31/07	243	04:32:34	1:00	70N
T37	CIRS_052TI_FIRLMBINT001_PRIME	11/18/07	322	22:47:25	0:21	80S
T37	CIRS_052TI_FIRLMBAER001_PRIME	11/18/07	322	23:08:25	0:54	80S, 70S

Table 5
(Continued)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Latitudes)
T37	CIRS_052TI_FIRLMBT001_PRIME	11/19/07	323	00:02:25	0:30	65S, 75S
T38	CIRS_053TI_FIRLMBINT001_PRIME	12/04/07	338	21:36:50	1:15	0N
T38	CIRS_053TI_FIRLMBAER001_PRIME	12/04/07	338	22:51:50	0:25	0N
T38	CIRS_053TI_FIRLMBT001_PRIME	12/04/07	338	23:16:50	0:35	5S, 5N
T40	CIRS_055TI_FIRLMBINT001_PRIME	01/05/08	005	19:30:20	0:55	30S
T42	CIRS_062TI_FIRLMBINT003_PRIME	03/25/08	085	12:28:48	0:44	55S
T42	CIRS_062TI_FIRLMBAER001_PRIME	03/25/08	085	13:12:48	0:25	55S
T42	CIRS_062TI_FIRLMBT001_PRIME	03/25/08	085	13:37:48	0:29	52S, 62S
T46	CIRS_091TI_FIRLMBINT001_PRIME	11/03/08	308	15:45:24	0:22	no data
T47	CIRS_093TI_FIRLMBINT002_PRIME	11/19/08	324	16:58:28	1:13	45S
T48	CIRS_095TI_FIRLMBINT001_PRIME	12/05/08	340	11:25:45	1:00	35S
T48	CIRS_095TI_FIRLMBINT002_PRIME	12/05/08	340	15:20:45	1:20	25S
T49	CIRS_097TI_FIRLMBINT001_PRIME	12/21/08	356	09:59:52	1:00	10N
T53	CIRS_109TI_FIRLMBAER001_PRIME	04/19/09	109	22:45:45	0:37	8N
T53	CIRS_109TI_FIRLMBT001_PRIME	04/19/09	109	23:22:55	0:48	12S
T53	CIRS_109TI_FIRLMBAER002_PRIME	04/20/09	110	00:46:45	0:49	38S
T54	CIRS_110TI_FIRLMBINT001_PRIME	05/05/09	125	20:39:16	1:00	20N
T54	CIRS_110TI_FIRLMBAER001_PRIME	05/05/09	125	21:39:16	0:30	30N
T54	CIRS_110TI_FIRLMBT001_PRIME	05/05/09	125	22:09:16	0:35	10N, 5N
T57	CIRS_113TI_FIRLMBINT001_PRIME	06/22/09	173	16:17:35	1:05	10S
T59	CIRS_115TI_FIRLMBT002_PRIME	07/24/09	205	15:49:04	0:35	50S, 55S
T59	CIRS_115TI_FIRLMBAER002_PRIME	07/24/09	205	16:24:04	0:30	60S
T59	CIRS_115TI_FIRLMBINT002_PRIME	07/24/09	205	16:54:04	0:55	60S
T62	CIRS_119TI_FIRLMBT001_PRIME	10/12/09	285	07:45:25	0:30	75S
T62	CIRS_119TI_FIRLMBAER002_PRIME	10/12/09	285	09:01:25	0:50	70S
T62	CIRS_119TI_FIRLMBINT002_PRIME	10/12/09	285	09:51:25	1:00	75S
T64	CIRS_123TI_FIRLMBINT001_PRIME	12/27/09	361	22:01:59	0:59	45N
T64	CIRS_123TI_FIRLMBAER001_PRIME	12/27/09	361	23:01:59	0:37	50N
T66	CIRS_125TI_FIRLMBINT001_PRIME	01/28/10	028	19:58:49	1:08	30N
T66	CIRS_125TI_FIRLMBAER001_PRIME	01/28/10	028	21:06:49	0:34	20N
T66	CIRS_125TI_FIRLMBT001_PRIME	01/28/10	028	21:40:19	0:34	23N, 28N
T67	CIRS_129TI_FIRLMBCON001_PRIME	04/05/10	095	13:35:39	1:00	70N
T67	CIRS_129TI_FIRLMBAER001_PRIME	04/05/10	095	14:35:39	0:30	70N
T67	CIRS_129TI_FIRLMBT001_PRIME	04/05/10	095	15:05:39	0:30	70N
T70	CIRS_133TI_FIRLMBINT001_PRIME	06/20/10	171	23:12:18	1:02	55N
T72	CIRS_138TI_FIRLMBINT001_PRIME	09/24/10	267	16:23:41	1:00	87S
T72	CIRS_138TI_FIRLMBAER001_PRIME	09/24/10	267	17:23:41	0:30	87S
T72	CIRS_138TI_FIRLMBT001_PRIME	09/24/10	267	17:53:41	0:30	82S, 87S
T73	CIRS_140TI_FIRLMBT002_PRIME	11/11/10	315	13:12:01	1:10	Safing event
T73	CIRS_140TI_FIRLMBAER002_PRIME	11/11/10	315	14:22:01	0:30	Safing event
T73	CIRS_140TI_FIRLMBINT002_PRIME	11/11/10	315	14:52:01	1:00	Safing event
T76	CIRS_148TI_FIRLMBINT001_PRIME	05/08/11	128	20:23:45	1:00	50N
T76	CIRS_148TI_FIRLMBAER001_PRIME	05/08/11	128	21:23:45	0:45	50N
T76	CIRS_148TI_FIRLMBT001_PRIME	05/08/11	128	22:08:45	0:35	55N, 60N
T78	CIRS_153TI_FIRLMBINT001_PRIME	09/12/11	255	00:35:06	1:00	73S
T78	CIRS_153TI_FIRLMBAER001_PRIME	09/12/11	255	01:35:06	0:32	73S
T79	CIRS_158TI_FIRLMBINT501_PRIME	12/13/11	347	17:56:24	1:00	57S
T79	CIRS_158TI_FIRLMBAER501_PRIME	12/13/11	347	18:56:24	0:30	57S
T79	CIRS_158TI_FIRLMBT501_PRIME	12/13/11	347	19:26:24	0:45	37S
T82	CIRS_161TI_FIRLMBINT001_PRIME	02/19/12	050	06:28:17	1:00	75N
T82	CIRS_161TI_FIRLMBAER001_PRIME	02/19/12	050	07:28:17	0:30	75N
T82	CIRS_161TI_FIRLMBT001_PRIME	02/19/12	050	07:58:17	0:45	56S
T82	CIRS_161TI_FIRLMBT002_PRIME	02/19/12	050	08:43:17	0:45	56S, 51S
T82	CIRS_161TI_FIRLMBAER002_PRIME	02/19/12	050	09:28:17	0:30	56S
T82	CIRS_161TI_FIRLMBINT002_PRIME	02/19/12	050	09:58:17	1:00	56S
T85	CIRS_169TI_FIRLMBINT001_PRIME	07/24/12	206	17:33:08	1:15	37N
T85	CIRS_169TI_FIRLMBAER001_PRIME	07/24/12	206	18:48:08	0:30	37N
T85	CIRS_169TI_FIRLMBT001_PRIME	07/24/12	206	19:19:08	0:34	37N, 32N
T86	CIRS_172TI_FIRLMBINT001_PRIME	09/26/12	270	12:20:39	1:00	50N
T86	CIRS_172TI_FIRLMBAER001_PRIME	09/26/12	270	13:20:39	0:25	50N

Table 5
(Continued)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Latitudes)
T86	CIRS_172TI_FIRLMBT001_PRIME	09/26/12	270	13:46:39	0:31	50N, 45N
T86	CIRS_172TI_FIRLMBAER002_PRIME	09/26/12	270	15:10:39	0:40	49N
T86	CIRS_172TI_FIRLMBINT002_PRIME	09/26/12	270	16:12:39	0:38	49N
T88	CIRS_175TI_FIRLMBINT001_PRIME	11/29/12	334	06:41:59	1:00	2S
T88	CIRS_175TI_FIRLMBAER001_PRIME	11/29/12	334	07:41:59	0:30	2S
T88	CIRS_175TI_FIRLMBT001_PRIME	11/29/12	334	08:12:59	0:29	2S
T90	CIRS_185TI_FIRLMBINT001_PRIME	04/05/13	095	19:28:31	1:00	14N
T90	CIRS_185TI_FIRLMBAER001_PRIME	04/05/13	095	20:28:31	0:30	14N
T90	CIRS_185TI_FIRLMBT001_PRIME	04/05/13	095	20:58:31	0:30	14N
T94	CIRS_197TI_FIRLMBAER002_PRIME	09/12/13	255	08:23:56	0:35	19N
T94	CIRS_197TI_FIRLMBINT002_PRIME	09/12/13	255	08:58:56	1:00	18N
T96	CIRS_199TI_FIRLMBAER002_PRIME	12/01/13	335	01:11:19	0:45	10S
T96	CIRS_199TI_FIRLMBINT002_PRIME	12/01/13	335	01:56:19	1:00	10S
T97	CIRS_200TI_FIRLMBAER002_PRIME	01/01/14	001	22:29:41	0:45	24S
T97	CIRS_200TI_FIRLMBINT002_PRIME	01/01/14	001	23:14:41	1:00	24S
T100	CIRS_203TI_FIRLMBWTR001_PRIME	04/07/14	097	11:26:14	0:53	22S
T100	CIRS_203TI_FIRLMBAER002_PRIME	04/07/14	097	13:50:14	1:06	40S
T100	CIRS_203TI_FIRLMBINT002_PRIME	04/07/14	097	15:18:14	0:38	40S
T103	CIRS_206TI_FIRLMBINT005_PRIME	07/20/14	201	08:25:58	1:00	3S
T103	CIRS_206TI_FIRLMBAER001_PRIME	07/20/14	201	09:25:58	0:30	3S
T104	CIRS_208TI_FIRLMBAER001_PRIME	09/22/14	265	05:53:19	0:45	28N
T104	CIRS_208TI_FIRLMBINT002_PRIME	09/22/14	265	06:38:19	1:00	28N
T109	CIRS_212TI_FIRLMBAER001_PRIME	02/12/15	043	17:38:04	0:45	47N
T109	CIRS_212TI_FIRLMBINT002_PRIME	02/12/15	043	18:45:04	0:38	47N
T110	CIRS_213TI_FIRLMBAER002_PRIME	03/16/15	075	14:59:49	0:45	49N
T110	CIRS_213TI_FIRLMBINT002_PRIME	03/16/15	075	15:44:49	1:00	49N
T111	CIRS_215TI_FIRLMBT002_PRIME	05/07/15	127	23:00:24	0:35	60S, 55S
T111	CIRS_215TI_FIRLMBAER003_PRIME	05/07/15	127	23:35:24	0:30	60S
T111	CIRS_215TI_FIRLMBINT002_PRIME	05/08/15	128	00:05:24	1:00	60S
T112	CIRS_218TI_FIRLMBINT001_PRIME	07/07/15	188	05:54:51	1:00	80S
T112	CIRS_218TI_FIRLMBAER001_PRIME	07/07/15	188	06:54:51	0:30	80N
T112	CIRS_218TI_FIRLMBT001_PRIME	07/07/15	188	07:24:51	0:45	80N, 70N
T112	CIRS_218TI_FIRLMBT002_PRIME	07/07/15	188	08:09:51	0:45	65S, 75S
T112	CIRS_218TI_FIRLMBAER002_PRIME	07/07/15	188	08:54:51	0:30	79S
T112	CIRS_218TI_FIRLMBINT002_PRIME	07/07/15	188	09:24:51	1:00	79S
T113	CIRS_222TI_FIRLMBINT002_PRIME	09/28/15	271	23:14:12	0:53	36S
T114	CIRS_225TI_FIRLMBAER002_PRIME	11/13/15	317	06:01:31	1:10	80S, 85S
T114	CIRS_225TI_FIRLMBINT002_PRIME	11/13/15	317	07:11:31	0:50	85S
T115	CIRS_230TI_FIRLMBINT001_PRIME	01/16/16	016	00:05:24	1:00	65S
T115	CIRS_230TI_FIRLMBAER004_PRIME	01/16/16	016	01:05:24	0:30	65S
T115	CIRS_230TI_FIRLMBT001_PRIME	01/16/16	016	01:35:24	0:45	60S, 70S
T115	CIRS_230TI_FIRLMBT002_PRIME	01/16/16	016	02:20:24	0:45	70S, 75S
T115	CIRS_230TI_FIRLMBAER005_PRIME	01/16/16	016	03:05:24	0:30	75S
T115	CIRS_230TI_FIRLMBINT002_PRIME	01/16/16	016	03:35:24	1:00	75S
T116	CIRS_231TI_FIRLMBINT001_PRIME	01/31/16	031	22:30:05	1:18	57S
T118	CIRS_234TI_FIRLMBCON002_PRIME	04/04/16	095	20:47:42	1:10	66S
T119	CIRS_235TI_FIRLMBINT001_PRIME	05/06/16	127	14:37:37	1:02	54S
T119	CIRS_235TI_FIRLMBAER001_PRIME	05/06/16	127	15:39:37	0:30	54S
T119	CIRS_235TI_FIRLMBT001_PRIME	05/06/16	127	16:09:37	0:30	54S x2
T120	CIRS_236TI_FIRLMBINT001_PRIME	06/07/16	159	11:36:17	1:15	51S
T120	CIRS_236TI_FIRLMBAER002_PRIME	06/07/16	159	12:52:17	0:44	51S
T123	CIRS_243TI_FIRLMBT002_PRIME	09/27/16	271	04:31:59	0:30	40N, 50N
T123	CIRS_243TI_FIRLMBAER002_PRIME	09/27/16	271	05:01:59	0:30	50N
T123	CIRS_243TI_FIRLMBWTR001_PRIME	09/27/16	271	05:31:59	1:00	50N
T125	CIRS_250TI_FIRLMBT002_PRIME	11/29/16	334	22:29:32	0:30	10S
T125	CIRS_250TI_FIRLMBAER002_PRIME	11/29/16	334	22:59:32	0:30	10S
T125	CIRS_250TI_FIRLMBWTR001_PRIME	11/29/16	334	23:29:32	1:00	10S

Table 6
CIRS Mid-infrared Limb Observations (Corrected)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Latitudes)
TB	CIRS_00BTI_MIRLMBINT002_PRIME	12/13/04	348	16:38:13	2:00	10S
T3	CIRS_003TI_MIRLMBINT002_PRIME	02/14/05	045	19:57:53	4:00	80N
T4	CIRS_005TI_MIRLMBMAP002_PRIME	04/01/05	091	00:35:16	3:30	85N—0N
T6	CIRS_013TI_MIRLMBMAP002_PRIME	08/22/05	234	01:23:37	2:30	25N—35S
T6	CIRS_013TI_MIRLMBMAP003_PRIME	08/22/05	234	13:53:37	2:30	40S—80S
T8	CIRS_017TI_MIRLMBMAP003_PRIME	10/28/05	301	09:55:25	3:20	85S—10N
T10	CIRS_020TI_MIRLMBINT002_PRIME	01/15/06	015	02:41:27	4:00	55N
T13	CIRS_023TI_MIRLMBMAP004_PRIME	04/30/06	120	11:58:14	2:00	0N—40S
T13	CIRS_023TI_MIRLMBMAP006_PRIME	04/30/06	120	14:58:14	2:00	0N—40N
T14	CIRS_024TI_MIRLMBINT002_PRIME	05/20/06	140	03:18:11	1:30	32S
T14	CIRS_024TI_MIRLMBINT003_PRIME	05/20/06	140	17:18:11	5:00	50N
T15	CIRS_025TI_MIRLMBINT002_PRIME	07/02/06	183	01:20:47	2:40	55S
T16	CIRS_026TI_MIRLMBINT002_PRIME	07/21/06	202	15:25:26	2:00	45N
T16	CIRS_026TI_MIRLMBMAP003_PRIME	07/22/06	203	05:25:26	2:15	30N—75N
T19	CIRS_030TI_MIRLMBINT002_PRIME	10/09/06	282	08:30:07	3:40	60N
T19	CIRS_030TI_MIRLMBINT003_PRIME	10/09/06	282	22:50:07	2:40	30N
T20	CIRS_031TI_MIRLMBMAP004_PRIME	10/25/06	298	20:28:07	3:00	15S—50N
T21	CIRS_035TI_MIRLMBINT004_PRIME	12/12/06	346	02:41:31	1:30	15N
T21	CIRS_035TI_MIRLMBINT003_PRIME	12/12/06	346	18:41:31	2:00	15N
T23	CIRS_037TI_MIRLMBINT001_PRIME	01/12/07	012	23:38:31	4:00	5N
T24	CIRS_038TI_MIRLMBINT002_PRIME	01/29/07	029	12:15:55	4:00	30N
T25	CIRS_039TI_MIRLMBMAP001_PRIME	02/21/07	052	18:12:24	3:50	25N—30S
T26	CIRS_040TI_MIRLMBMAP001_PRIME	03/09/07	068	16:49:00	4:00	30N—30S
T27	CIRS_041TI_MIRLMBINT001_PRIME	03/25/07	084	15:23:27	4:00	20S
T28	CIRS_042TI_MIRLMBINT002_PRIME	04/11/07	101	02:58:00	1:00	30S
T32	CIRS_046TI_MIRLMBMAP001_PRIME	06/13/07	164	08:46:11	4:00	15N—80S
T35	CIRS_049TI_MIRLMBINT001_PRIME	08/30/07	242	21:32:34	4:00	70N
T37	CIRS_052TI_MIRLMBMAP001_PRIME	11/18/07	322	15:47:25	4:00	60S(R)–20S(L)
T39	CIRS_054TI_MIRLMBMAP001_PRIME	12/20/07	354	13:57:55	3:54	25S–75N
T39	CIRS_054TI_MIRLMBINT002_PRIME	12/21/07	355	04:02:55	3:55	45S
T42	CIRS_062TI_MIRLMBINT001_PRIME	03/25/08	085	05:27:48	4:00	55S
T42	CIRS_062TI_MIRLMBMAP002_PRIME	03/25/08	085	19:27:48	4:00	15S–55S
T43	CIRS_067TI_MIRLMBINT002_PRIME	05/12/08	133	15:01:58	4:00	40N
T45	CIRS_078TI_MIRLMBMAP002_PRIME	07/31/08	213	06:58:11	3:30	0N—45N
T47	CIRS_093TI_MIRLMBMAP002_PRIME	11/20/08	325	20:56:28	4:00	19S
T49	CIRS_098TI_MIRLMBINT001_PRIME	12/21/08	356	18:29:52	3:30	15N
T50	CIRS_102TI_MIRLMBINT001_PRIME	02/06/09	037	23:20:51	4:00	BIU anomaly
T51	CIRS_107TI_MIRLMBINT002_PRIME	03/27/09	086	09:43:36	4:00	30S
T54	CIRS_110TI_MIRLMBMAP001_PRIME	05/05/09	125	13:54:16	3:50	30N—20S
T55	CIRS_111TI_MIRLMPAIR002_PRIME	05/22/09	142	02:26:41	4:00	25S
T59	CIRS_115TI_MIRLMBMAP001_PRIME	07/24/09	205	06:34:04	4:00	0N—60N
T59	CIRS_115TI_MIRLMBINT002_PRIME	07/24/09	205	20:34:04	2:00	65N
T61	CIRS_117TI_MIRLMBINT001_PRIME	08/25/09	237	03:51:38	3:50	60S
T63	CIRS_122TI_MIRLMBMAP001_PRIME	12/11/09	345	16:03:14	4:00	85N—0N
T64	CIRS_123TI_MIRLMPAIR001_PRIME	12/27/09	361	15:16:59	4:00	75N
T64	CIRS_123TI_MIRLMBINT002_PRIME	12/28/09	362	05:16:59	4:00	75N
T65	CIRS_124TI_MIRLMBINT001_PRIME	01/12/10	012	14:10:36	4:00	75S
T65	CIRS_124TI_MIRLMBMAP002_PRIME	01/13/10	013	04:10:36	4:00	85S—0N
T67	CIRS_129TI_MIRLMBINT001_PRIME	04/05/10	095	06:50:39	4:00	88N
T69	CIRS_132TI_MIRLMBMAP001_PRIME	06/04/10	155	17:08:27	4:18	85S—0N
T70	CIRS_133TI_MIRLMBMAP001_PRIME	06/20/10	171	16:27:43	4:00	5N—85N
T71	CIRS_134TI_MIRLMBINT001_PRIME	07/06/10	187	15:22:45	3:00	80S
T72	CIRS_138TI_MIRLMPAIR001_PRIME	09/24/10	267	09:38:41	4:00	76N
T73	CIRS_140TI_MIRMBMAP001_PRIME	11/11/10	315	04:37:01	4:00	Safing event
T76	CIRS_148TI_MIRLMBMAP001_PRIME	05/08/11	128	13:53:45	4:00	0N—85N
T77	CIRS_149TI_MIRLMBMAP002_PRIME	06/20/11	171	23:32:01	4:00	0N—85S
T78	CIRS_153TI_MIRLMBINT001_PRIME	09/11/11	254	17:50:06	4:00	85S
T79	CIRS_158TI_MIRLMBINT501_PRIME	12/13/11	347	11:11:24	4:00	80N
T80	CIRS_159TI_MIRLMBMAP001_PRIME	01/02/12	002	06:13:37	4:00	75N—10S
T82	CIRS_161TI_MIRLMBINT001_PRIME	02/18/12	049	23:43:17	4:00	45S

Table 6
(Continued)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Latitudes)
T82	CIRS_161TI_MIRLMBMAP002_PRIME	02/19/12	050	13:43:17	4:00	0N—80S
T83	CIRS_166TI_MIRLMBINT001_PRIME	05/21/12	142	16:10:11	4:00	0N
T84	CIRS_167TI_MIRLMBINT001_PRIME	06/06/12	158	15:07:21	4:00	45N
T85	CIRS_169TI_MIRLMBMAP002_PRIME	07/25/12	207	01:03:07	4:00	15S—65N
T88	CIRS_175TI_MIRLMBMAP001_PRIME	11/28/12	333	23:56:59	4:00	50S—30N
T90	CIRS_185TI_MIRLMBINT001_PRIME	04/05/13	095	12:43:31	4:00	25N
T91	CIRS_190TI_MIRLMBMAP001_PRIME	05/23/13	143	08:32:55	3:00	35N—15S
T92	CIRS_194TI_MIRLMBINT001_PRIME	07/10/13	191	04:21:47	3:00	20S
T93	CIRS_195TI_MIRLMBMAP002_PRIME	07/26/13	207	15:56:22	5:00	15N—15S
T95	CIRS_198TI_MIRLMPAIR001_PRIME	10/13/13	286	19:56:27	3:00	16N
T95	CIRS_198TI_MIRLMBINT001_PRIME	10/14/13	287	10:56:27	3:00	2S
T96	CIRS_199TI_MIRLMBINT002_PRIME	12/01/13	335	05:41:19	4:00	12N
T98	CIRS_201TI_MIRLMBMAP002_PRIME	02/03/14	034	01:12:38	3:00	20N—25N
T101	CIRS_204TI_MIRLMBINT002_PRIME	05/17/14	137	21:12:15	4:00	35S
T102	CIRS_205TI_MIRLMBINT001_PRIME	06/18/14	169	04:28:25	4:44	10N
T102	CIRS_205TI_MIRLMBMAP002_PRIME	06/18/14	169	18:28:25	4:00	40N—13S
T103	CIRS_206TI_MIRLMBINT002_PRIME	07/20/14	201	15:40:58	4:00	30N
T105	CIRS_208TI_MIRLMBINT001_PRIME	09/21/14	264	20:23:19	3:45	See MIDIRTMAP
T105	CIRS_208TI_MIRLMBMAP002_PRIME	09/22/14	265	12:38:19	2:00	40N—15N
T106	CIRS_209TI_MIRLMBINT001_PRIME	10/23/14	296	17:40:30	4:00	45S
T108	CIRS_211TI_MIRLMBMAP001_PRIME	01/11/15	011	10:48:35	4:00	30S (R)—55S (L)
T108	CIRS_211TI_MIRLMBINT002_PRIME	01/12/15	012	00:48:35	3:00	70N
T110	CIRS_213TI_MIRLMBMAP001_PRIME	03/16/15	075	05:29:49	4:00	80S (L)—85S –30S (R)
T110	CIRS_213TI_MIRLMBINT002_PRIME	03/16/15	075	19:29:49	4:00	80S
T111	CIRS_215TI_MIRLMBMAP002_PRIME	05/08/15	128	03:50:24	4:00	80N (L)—35N (L)
T113	CIRS_222TI_MIRLMBMAP001_PRIME	09/28/15	271	12:37:12	4:00	20S—85S
T113	CIRS_222TI_MIRLMBINT002_PRIME	09/29/15	272	02:37:12	4:00	85S
T114	CIRS_225TI_MIRLMBMAP001_PRIME	11/12/15	316	20:46:31	4:00	75N—5N
T115	CIRS_230TI_MIRLMBMAP002_PRIME	01/16/16	016	07:20:24	4:00	85S—25S
T116	CIRS_231TI_MIRLMBINT001_PRIME	01/31/16	031	16:00:05	4:00	85S
T116	CIRS_231TI_MIRLMBMAP002_PRIME	02/01/16	032	06:00:05	4:00	80N—20N
T117	CIRS_232TI_MIRLMBINT001_PRIME	02/16/16	047	14:49:41	4:00	80S
T117	CIRS_232TI_MIRLMBMAP002_PRIME	02/17/16	048	04:49:41	4:00	75N—10N
T119	CIRS_235TI_MIRLMBMAP001_PRIME	05/06/16	127	07:54:37	4:00	50S—15N
T120	CIRS_236TI_MIRLMBINT001_PRIME	06/07/16	159	05:06:17	4:00	50S
T120	CIRS_236TI_MIRLMBMAP002_PRIME	06/07/16	159	19:06:17	4:00	50N—15S
T121	CIRS_238TI_MIRLMBINT002_PRIME	07/25/16	207	00:15:43	4:43	0N
T124	CIRS_248TI_MIRLMBMAP002_PRIME	11/14/16	319	04:55:56	4:00	10S—50N
T125	CIRS_250TI_MIRLMBINT002_PRIME	11/30/16	335	03:14:32	4:00	50N
N/A	CIRS_259TI_MIRLMBMAP002_PRIME	02/01/17	032	20:21:00	5:15	60S—15N
N/A	CIRS_261TI_MIRLMBMAP001_PRIME	02/17/17	048	08:41:00	4:00	15N—35S
N/A	CIRS_261TI_MIRLMBINT001_PRIME	02/17/17	048	13:41:00	3:00	10S
N/A	CIRS_275TI_MIRLMBINT001_PRIME	05/23/17	143	16:44:00	6:34	50S
N/A	CIRS_275TI_MIRLMBMAP002_PRIME	05/24/17	144	06:33:00	4:00	80S—20S

Table 7
CIRS Far-infrared Nadir Maps and UVIS EUVFUV (Corrected)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Center Lat., Lon.)
TB	CIRS_00BTI_FIRNADMAP001_UVIS	12/13/04	348	03:38:13	4:00	6S 159W
TB	CIRS_00BTI_FIRNADMAP002_UVIS	12/13/04	348	14:08:13	2:30	10N 347W
T3	CIRS_003TI_FIRNADMAP003_UVIS	02/15/05	046	08:30:53	3:27	2N 340W
T5	CIRS_006TI_FIRNADMAP003_UVIS	04/16/05	106	11:11:46	5:00	8N 27W
T6	CIRS_013TI_FIRNADMAP002_PRIME	08/22/05	234	03:53:37	2:45	3N 32W
T6	CIRS_013TI_FIRNADMAP003_PRIME	08/22/05	234	11:08:37	2:45	15S 208W
T9	CIRS_019TI_FIRNADMAP005_UVIS	12/26/05	360	21:29:30	6:24	0N 28W
T11	CIRS_021TI_FIRNADMAP003_UVIS	02/27/06	058	13:25:19	3:30	0N 344W
T13	CIRS_023TI_FIRNADMAP003_UVIS	05/01/06	121	02:18:14	5:10	0N 10W
T14	CIRS_024TI_FIRNADMAP002_UVIS	05/20/06	140	04:48:11	5:00	0N 158W
T14	CIRS_024TI_FIRNADMAP003_PRIME	05/20/06	140	14:33:11	2:45	0N 155W
T15	CIRS_025TI_FIRNADMAP003_UVIS	07/02/06	183	11:50:47	5:30	0N 200W
T16	CIRS_026TI_FIRNADMAP003_PRIME	07/22/06	203	02:40:26	2:45	6S 339W
T17	CIRS_028TI_FIRNADMAP002_UVIS	09/07/06	250	12:46:51	4:45	10N 149W
T18	CIRS_029TI_FIRNADMAP002_UVIS	09/23/06	266	11:28:49	4:30	14N 141W
T21	CIRS_035TI_EUVFUV001_UVIS	12/12/06	346	04:11:31	5:00	32N 129W
T22	CIRS_036TI_FIRNADMAP002_PRIME	12/28/06	362	04:35:22	3:00	41N 133W
T22	CIRS_036TI_FIRNADMAP003_PRIME	12/28/06	362	13:35:22	2:00	42S 319W
T24	CIRS_038TI_EUVFUV001_UVIS	01/28/07	028	22:15:55	6:00	59N 116W
T24	CIRS_038TI_FIRNADMAP002_PRIME	01/29/07	029	11:15:55	1:00	53S 307W
T26	CIRS_040TI_FIRNADMAP001_PRIME	03/09/07	068	20:49:00	2:45	47S 43W
T26	CIRS_040TI_FIRNADMAP002_PRIME	03/10/07	069	06:04:00	0:45	46N 228W
T26	CIRS_040TI_EUVFUV002_UVIS	03/10/07	069	06:49:00	3:00	…
T27	CIRS_041TI_EUVFUV001_UVIS	03/25/07	084	20:49:27	2:23	36S 35W
T27	CIRS_041TI_FIRNADMAP002_PRIME	03/26/07	085	02:38:27	0:45	32N 218W
T27	CIRS_041TI_EUVFUV002_UVIS	03/26/07	085	03:23:27	5:00	39N 223W
T29	CIRS_043TI_FIRNADMAP001_PRIME	04/26/07	116	16:32:58	2:50	27S 28W
T30	CIRS_044TI_EUVFUV001_UVIS	05/12/07	132	11:09:58	3:50	…
T31	CIRS_045TI_EUVFUV001_UVIS	05/28/07	148	09:51:55	6:00	11S 24W
T31	CIRS_045TI_FIRNADMAP004_PRIME	05/28/07	148	22:51:55	1:00	13N 212W
T32	CIRS_046TI_FIRNADMAP002_UVIS	06/13/07	164	12:46:11	2:00	7S 24W
T32	CIRS_046TI_FIRNADMAP901_UVIS	06/13/07	164	16:12:11	0:51	…
T32	CIRS_046TI_FIRNADMAP902_PRIME	06/13/07	164	20:04:11	2:42	4N 212W
T33	CIRS_047TI_EUVFUV001_UVIS	06/29/07	180	11:59:46	3:00	…
T33	CIRS_047TI_FIRNADMAP002_PRIME	06/29/07	180	20:59:46	1:15	0N 209W
T34	CIRS_048TI_EUVFUV001_UVIS	07/18/07	199	16:11:20	6:00	…
T34	CIRS_048TI_FIRNADMAP002_PRIME	07/19/07	200	05:11:20	1:00	0N 339W
T35	CIRS_049TI_FIRNADMAP001_PRIME	08/31/07	243	01:32:34	3:00	6S 159W
T35	CIRS_049TI_FIRNADMAP004_PRIME	08/31/07	243	10:32:34	1:00	10N 347W
T36	CIRS_050TI_EUVFUV001_UVIS	10/01/07	274	19:42:43	3:49	…
T37	CIRS_052TI_FIRNADMAP001_PRIME	11/18/07	322	19:47:25	3:00	4S 22W
T37	CIRS_052TI_FIRNADMAP002_PRIME	11/19/07	323	04:47:25	1:00	1N 205W
T38	CIRS_053TI_FIRNADMAP001_PRIME	12/04/07	338	18:36:50	3:00	8N 27W
T38	CIRS_053TI_FIRNADMAP002_PRIME	12/05/07	339	04:06:50	1:00	10N 215W
T40	CIRS_055TI_EUVFUV001_UVIS	01/05/08	005	12:30:20	4:00	21S 32W
T40	CIRS_055TI_EUVFUV501_UVIS	01/05/08	005	16:30:20	2:00	…
T40	CIRS_055TI_FIRNADMAP002_PRIME	01/06/08	006	01:30:20	1:00	5S 211W
T41	CIRS_059TI_EUVFUV002_UVIS	02/22/08	053	20:02:07	2:30	25N 227W
T42	CIRS_062TI_FIRNADMAP001_PRIME	03/25/08	085	09:27:48	3:00	0N 28W
T42	CIRS_062TI_FIRNADMAP002_PRIME	03/25/08	085	18:27:48	1:00	0N 189W
T43	CIRS_067TI_FIRNADMAP002_PRIME	05/12/08	133	12:11:58	2:50	0N 344W
T44	CIRS_069TI_EUVFUV001_UVIS	05/27/08	148	23:24:32	6:00	BIU anomaly
T46	CIRS_091TI_FIRNADMAP001_PRIME	11/03/08	308	14:06:23	2:01	BIU anomaly
T46	CIRS_091TI_EUVFUV002_UVIS	11/03/08	308	19:27:23	7:08	
T47	CIRS_093TI_FIRNADMAP002_PRIME	11/19/08	324	18:11:28	2:45	34N 253W
T48	CIRS_095TI_EUVFUV001_UVIS	12/05/08	340	16:40:45	6:45	…
T50	CIRS_102TI_EUVFUV001_UVIS	02/07/09	038	14:50:51	3:00	BIU anomaly
T51	CIRS_107TI_FIRNADMAP002_PRIME	03/27/09	086	06:32:45	3:11	54N 266W
T52	CIRS_108TI_FIRNADMAP002_PRIME	04/04/09	094	03:37:47	1:40	58S 257W
T54	CIRS_110TI_FIRNADMAP001_PRIME	05/05/09	125	18:04:16	2:35	55N 82W*

Table 7
(Continued)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Center Lat., Lon.)
T54	CIRS_110TI_EUVFUV001_UVIS	05/06/09	126	00:54:16	7:00	…
T55	CIRS_111TI_EUVFUV001_UVIS	05/21/09	141	12:26:41	6:30	…
T55	CIRS_111TI_FIRNADMAP002_PRIME	05/21/09	141	23:56:41	2:30	55S 270W*
T56	CIRS_112TI_EUVFUV001_UVIS	06/06/09	157	21:41:01	7:19	…
T57	CIRS_113TI_EUVFUV001_UVIS	06/22/09	173	09:32:35	6:45	…
T57	CIRS_113TI_EUVFUV002_UVIS	06/23/09	174	00:02:35	3:00	…
T58	CIRS_114TI_EUVFUV001_UVIS	07/08/09	189	08:04:03	6:40	…
T58	CIRS_114TI_FIRNADMAP002_PRIME	07/08/09	189	19:04:03	1:30	24S 294W*
T59	CIRS_115TI_FIRNADMAP002_PRIME	07/24/09	205	18:10:09	2:23	23S 326W
T60	CIRS_116TI_EUVFUV001_UVIS	08/09/09	221	05:03:53	3:50	Downlink
T62	CIRS_119TI_EUVFUV001_UVIS	10/11/09	284	23:36:25	6:51	…
T62	CIRS_119TI_EUVFUV002_UVIS	10/12/09	285	11:12:30	6:24	…
T63	CIRS_122TI_FIRNADMAP002_PRIME	12/12/09	346	03:48:14	1:00	0N 200W
T64	CIRS_123TI_FIRNADMAP001_PRIME	12/27/09	361	19:16:59	2:45	4N 121W
T65	CIRS_124TI_FIRNADMAP001_PRIME	01/12/10	012	18:10:37	2:45	Angled track
T65	CIRS_124TI_FIRNADMAP002_PRIME	01/13/10	013	01:10:37	3:00	Angled track
T66	CIRS_125TI_EUVFUV001_UVIS	01/28/10	028	13:28:49	6:30	…
T66	CIRS_125TI_EUVFUV002_UVIS	01/29/10	029	00:28:49	7:00	…
T67	CIRS_129TI_FIRNADMAP001_PRIME	04/05/10	095	10:50:39	2:45	25S 130W*
T67	CIRS_129TI_FIRNADMAP002_PRIME	04/05/10	095	19:50:39	1:00	10N 310W*
T69	CIRS_132TI_EUVFUV001_UVIS	06/05/10	156	04:26:27	7:00	…
T70	CIRS_133TI_FIRNADMAP001_PRIME	06/20/10	171	20:27:43	2:45	0N 9W
T72	CIRS_138TI_FIRNADMAP001_PRIME	09/24/10	267	13:38:41	2:45	5S 50W*
T72	CIRS_138TI_EUVFUV002_UVIS	09/24/10	267	20:53:41	6:45	…
T73	CIRS_140TI_FIRNADMAP001_PRIME	11/11/10	315	08:37:01	2:45	Safing event
T75	CIRS_147TI_EUVFUV001_UVIS	04/19/11	109	07:30:39	6:30	…
T76	CIRS_148TI_FIRNADMAP001_PRIME	05/08/11	128	17:53:45	2:45	0N 20W*
T76	CIRS_148TI_EUVFUV001_UVIS	05/09/11	129	01:53:45	6:00	…
T77	CIRS_149TI_EUVFUV001_UVIS	06/20/11	171	06:37:00	9:25	…
T77	CIRS_149TI_FIRNADMAP002_PRIME	06/20/11	171	21:02:01	2:30	0N 217W
T78	CIRS_153TI_FIRNADMAP001_PRIME	09/11/11	254	21:50:06	2:45	0N 118W*
T79	CIRS_158TI_FIRNADMAP501_PRIME	12/13/11	347	15:11:24	2:45	0N 15W
T80	CIRS_159TI_FIRNADMAP001_PRIME	01/02/12	002	10:13:38	2:45	25S 138W
T81	CIRS_160TI_EUVFUV001_UVIS	01/30/12	030	04:39:47	6:45	…
T81	CIRS_160TI_EUVFUV002_UVIS	01/30/12	030	16:39:47	6:00	…
T82	CIRS_161TI_FIRNADMAP001_PRIME	02/19/12	050	03:43:17	2:45	0N 148W
T82	CIRS_161TI_FIRNADMAP002_PRIME	02/19/12	050	10:58:17	2:45	0N 330W*
T83	CIRS_166TI_FIRNADMAP001_PRIME	05/21/12	142	20:10:11	2:33	0N 20W
T84	CIRS_167TI_FIRNADMAP001_PRIME	06/06/12	158	19:07:21	2:45	22N 18W
T84	CIRS_167TI_EUVFUV002_UVIS	06/07/12	159	02:22:21	6:45	…
T85	CIRS_169TI_FIRNADMAP002_PRIME	07/24/12	206	22:18:08	2:45	18S 202W
T86	CIRS_172TI_EUVFUV001_UVIS	09/26/12	270	05:35:38	6:45	…
T86	CIRS_172TI_EUVFUV002_UVIS	09/26/12	270	16:50:38	6:45	…
T88	CIRS_175TI_FIRNADMAP001_PRIME	11/29/12	334	03:56:59	2:45	35N 30W
T90	CIRS_185TI_FIRNADMAP001_PRIME	04/05/13	095	16:43:31	2:45	42N 48W
T93	CIRS_195TI_EUVFUV001_UVIS	07/26/13	207	02:56:19	6:45	…
T94	CIRS_197TI_EUVFUV001_UVIS	09/12/13	255	09:58:56	6:45	…
T96	CIRS_199TI_FIRNADMAP002_PRIME	12/01/13	335	02:56:19	2:45	90S 0W*
T97	CIRS_200TI_EUVFUV001_UVIS	01/01/14	001	12:59:41	6:45	…
T97	CIRS_200TI_EUVFUV002_UVIS	01/02/14	002	00:14:41	6:45	…
T100	CIRS_203TI_EUVFUV001_UVIS	04/07/14	097	15:56:14	6:45	…
T101	CIRS_204TI_EUVFUV001_UVIS	05/17/14	137	02:12:15	5:15	…
T101	CIRS_204TI_FIRNADMAP002_PRIME	05/17/14	137	18:57:15	2:15	78N 240W, 72N 313W
T102	CIRS_205TI_FIRNADMAP002_PRIME	06/18/14	169	16:31:25	1:57	65N 195W*
T103	CIRS_206TI_FIRNADMAP002_PRIME	07/20/14	201	13:40:58	2:00	78N 240W
T105	CIRS_208TI_EUVFUV001_UVIS	09/22/14	265	02:23:19	0:45	…
T105	CIRS_208TI_EUVFUV002_UVIS	09/22/14	265	11:08:19	1:30	…
T105	CIRS_208TI_FIRNADMAP002_PRIME	09/22/14	265	07:38:19	3:30	57N 200W*
T109	CIRS_212TI_EUVFUV001_UVIS	02/12/15	043	08:08:04	6:45	…
T109	CIRS_212TI_EUVFUV002_UVIS	02/12/15	043	19:23:04	6:45	…

Table 7
(Continued)

Flyby No.	Observation Name	Date	Year Day	Start Time	Duration (HR:MN)	Pointing (Center Lat., Lon.)
T110	CIRS_213TI_FIRNADMAP002_PRIME	03/16/15	075	16:44:49	2:45	6S 200W
T111	CIRS_215TI_FIRNADMAP002_PRIME	05/08/15	128	01:05:24	2:45	10S 340W
T112	CIRS_218TI_FIRNADMAP002_PRIME	07/07/15	188	10:24:51	2:45	6N 220W
T113	CIRS_222TI_FIRNADMAP001_PRIME	09/28/15	271	16:37:12	3:00	0N 150W
T113	CIRS_222TI_FIRNADMAP002_PRIME	09/29/15	272	00:07:12	2:30	0N 335W
T114	CIRS_225TI_EUVFUV002_UVIS	11/13/15	317	08:01:31	6:45	…
T115	CIRS_230TI_EUVFUV001_UVIS	01/15/16	015	17:20:24	6:45	…
T115	CIRS_230TI_FIRNADMAP002_PRIME	01/16/16	016	04:35:24	2:45	0N 218W
T116	CIRS_231TI_FIRNADMAP001_PRIME	01/31/16	031	20:00:05	2:30	5S 24W
T116	CIRS_231TI_EUVFUV001_UVIS	02/01/16	032	04:20:05	1:40	…
T117	CIRS_232TI_FIRNADMAP002_PRIME	02/17/16	048	02:28:41	2:21	13N 207W
T118	CIRS_234TI_EUVFUV001_UVIS	04/04/16	095	10:42:42	6:45	…
T118	CIRS_234TI_EUVFUV002_UVIS	04/04/16	095	21:57:42	6:45	…
T119	CIRS_235TI_FIRNADMAP001_PRIME	05/06/16	127	11:54:37	2:42	25S 30W*
T120	CIRS_236TI_FIRNADMAP001_PRIME	06/07/16	159	09:06:17	2:30	36S 20W
T120	CIRS_236TI_FIRNADMAP002_PRIME	06/07/16	159	16:21:17	2:45	38N 207W
T121	CIRS_238TI_FIRNADMAP001_PRIME	07/25/16	207	04:58:23	2:45	41S 26W
T123	CIRS_243TI_EUVFUV001_UVIS	09/26/16	270	19:16:59	6:45	…
T123	CIRS_243TI_EUVFUV002_UVIS	09/27/16	271	06:31:59	6:45	…
T124	CIRS_248TI_FIRNADMAP002_PRIME	11/14/16	319	02:27:56	2:28	33N 244W
T125	CIRS_250TI_FIRNADMAP002_PRIME	11/30/16	335	00:29:32	2:45	31N 246W
N/A	CIRS_275TI_FIRNADMAP002_PRIME	05/24/17	144	01:18:00	4:15	20S 305W*
N/A	CIRS_292TI_FIRNADMAP001_PRIME	09/11/17	254	23:46:00	3:00	N Pole mosaic

Note. Where the observation track is offset from the subspacecraft point, the midpoint of the scan is given; these entries are marked with an asterisk.

Table 8
CIRS Far-infrared Nadir Integrations (Corrected)

Flyby No.	Observation Name	Date	DOY	Start Time	Duration (HR:MN)	Pointing (Center Lat., Lon.)
T0	CIRS_000TI_FIRNADCMP017_PRIME	07/03/04	185	01:00:00	2:15	visible center
T0	CIRS_000TI_FIRNADCMP001_PRIME	07/03/04	185	04:00:00	6:00	visible center
TA	CIRS_00ATI_FIRNADCMP001_PRIME	10/26/04	300	00:00:09	4:00	30S 200W
TB	CIRS_00BTI_FIRNADCMP001_PRIME	12/12/04	347	23:38:13	4:00	10N 120W
T3	CIRS_003TI_FIRNADCMP002_PRIME	02/15/05	046	14:57:53	4:00	18S 35W
T4	CIRS_005TI_FIRNADCMP002_PRIME	03/31/05	090	07:35:16	4:00	40S 15W
T4	CIRS_005TI_FIRNADCMP003_PRIME	04/01/05	091	04:05:16	4:00	47N 210W
T5	CIRS_006TI_FIRNADCMP002_PRIME	04/16/05	106	07:16:46	3:25	55N 15W
T6	CIRS_013TI_FIRNADCMP003_PRIME	08/21/05	233	22:05:37	3:18	30N 330W
T6	CIRS_013TI_FIRNADCMP004_PRIME	08/22/05	234	16:23:37	4:30	60S 220W
T8	CIRS_017TI_FIRNADCMP003_PRIME	10/28/05	301	13:15:25	3:00	20N 35W
T9	CIRS_019TI_FIRNADCMP002_PRIME	12/26/05	360	07:49:30	2:10	0N 62W
T10	CIRS_020TI_FIRNADCMP002_PRIME	01/14/06	014	23:41:27	2:00	20N 190W
T11	CIRS_021TI_FIRNADCMP002_PRIME	02/27/06	058	16:55:19	4:40	30S 170W
T12	CIRS_022TI_FIRNADCMP003_PRIME	03/18/06	077	10:05:57	7:00	0N 190W
T12	CIRS_022TI_FIRNADCMP008_PRIME	03/19/06	078	12:25:57	1:41	25N 315W
T13	CIRS_023TI_FIRNADCMP003_PRIME	04/30/06	120	05:34:14	6:24	25S 320W
T13	CIRS_023TI_FIRNADCMP002_PRIME	05/01/06	121	07:28:14	4:07	35S 210W
T14	CIRS_024TI_FIRNADCMP003_PRIME	05/19/06	139	20:48:11	6:30	15S 125W
T15	CIRS_025TI_FIRNADCMP003_PRIME	07/01/06	182	19:50:47	3:30	15N 230W
T15	CIRS_025TI_FIRNADCMP002_PRIME	07/02/06	183	18:20:47	5:30	40N 20W
T17	CIRS_028TI_FIRNADCMP003_PRIME	09/07/06	250	06:16:51	6:00	30N 145W
T18	CIRS_029TI_FIRNADCMP003_PRIME	09/23/06	266	04:58:49	5:30	10N 95W
T19	CIRS_030TI_FIRNADCMP003_PRIME	10/09/06	282	03:30:07	5:00	60S 300W
T19	CIRS_030TI_FIRNADCMP002_PRIME	10/10/06	283	03:30:07	5:51	35N 115W
T21	CIRS_035TI_FIRNADCMP003_PRIME	12/11/06	345	21:11:31	5:30	65N 130W
T21	CIRS_035TI_FIRNADCMP023_PRIME	12/12/06	346	22:09:31	3:00	80S 300W
T22	CIRS_036TI_FIRNADCMP003_PRIME	12/27/06	361	20:05:22	5:30	80N 160W
T22	CIRS_036TI_FIRNADCMP002_PRIME	12/28/06	362	18:35:22	2:30	90S 320W
T23	CIRS_037TI_FIRNADCMP001_PRIME	01/12/07	012	19:38:31	3:00	75N 210W
T23	CIRS_037TI_FIRNADCMP002_PRIME	01/13/07	013	17:38:31	2:00	70S 210W
T24	CIRS_038TI_FIRNADCMP001_PRIME	01/28/07	028	16:15:55	5:00	85N 290W
T24	CIRS_038TI_FIRNADCMP002_PRIME	01/29/07	029	16:15:55	5:00	40S 280W
T25	CIRS_039TI_FIRNADCMP001_PRIME	02/21/07	052	14:12:24	3:00	30S 90W
T25	CIRS_039TI_FIRNADCMP002_PRIME	02/22/07	053	12:12:24	2:00	70N 350W
T26	CIRS_040TI_FIRNADCMP001_PRIME	03/09/07	068	12:49:00	3:00	50S 80W
T26	CIRS_040TI_FIRNADCMP002_PRIME	03/10/07	069	10:49:00	2:00	90N 60W
T27	CIRS_041TI_FIRNADCMP001_PRIME	03/25/07	084	11:23:27	3:00	70S 20W
T27	CIRS_041TI_FIRNADCMP002_PRIME	03/26/07	085	09:23:27	2:00	60N 150W
T28	CIRS_042TI_FIRNADCMP001_PRIME	04/10/07	100	07:58:00	2:00	60S 30W
T28	CIRS_042TI_FIRNADCMP002_PRIME	04/11/07	101	07:58:00	5:00	70N 180W
T29	CIRS_043TI_FIRNADCMP001_PRIME	04/26/07	116	06:46:58	4:46	50S 30W
T29	CIRS_043TI_FIRNADCMP002_PRIME	04/27/07	117	06:32:58	2:00	75N 220W
T30	CIRS_044TI_FIRNADCMP002_PRIME	05/13/07	133	05:09:58	2:00	0N 260W
T31	CIRS_045TI_FIRNADCMP001_PRIME	05/28/07	148	04:42:55	4:09	20S 330W
T31	CIRS_045TI_FIRNADCMP002_PRIME	05/29/07	149	03:51:55	6:14	50N 230W
T32	CIRS_046TI_FIRNADCMP001_PRIME	06/13/07	164	03:39:11	1:07	20N 50W
T32	CIRS_046TI_FIRNADCMP002_PRIME	06/14/07	165	02:46:11	2:00	20S 257W
T33	CIRS_047TI_FIRNADCMP001_PRIME	06/29/07	180	02:44:46	4:15	10N 330W
T33	CIRS_047TI_FIRNADCMP002_PRIME	06/30/07	181	02:14:46	4:45	20N 170W
T34	CIRS_048TI_FIRNADCMP001_PRIME	07/18/07	199	10:11:20	2:00	35S 125W
T34	CIRS_048TI_FIRNADCMP002_PRIME	07/19/07	200	10:11:20	4:49	50N 345W
T35	CIRS_049TI_FIRNADCMP001_PRIME	08/30/07	242	18:17:34	2:15	10S 40W
T35	CIRS_049TI_FIRNADCMP002_PRIME	08/31/07	243	15:32:34	6:00	37S 240W
T36	CIRS_050TI_FIRNADCMP001_PRIME	10/01/07	274	13:30:43	5:12	10S 320W
T36	CIRS_050TI_FIRNADCMP002_PRIME	10/02/07	275	13:42:43	2:00	30N 255W
T37	CIRS_052TI_FIRNADCMP002_PRIME	11/19/07	323	09:47:25	5:00	40N 185W
T38	CIRS_053TI_FIRNADCMP001_PRIME	12/04/07	338	09:59:50	4:07	40S 340W
T38	CIRS_053TI_FIRNADCMP002_PRIME	12/05/07	339	09:06:50	2:00	60N 215W
T39	CIRS_054TI_FIRNADCMP002_PRIME	12/21/07	355	07:57:55	2:00	60N 270W

Table 8
(Continued)

Flyby No.	Observation Name	Date	DOY	Start Time	Duration (HR:MN)	Pointing (Center Lat., Lon.)
T40	CIRS_055TI_FIRNADCMP001_PRIME	01/05/08	005	08:07:20	3:23	20N 355W
T40	CIRS_055TI_FIRNADCMP002_PRIME	01/06/08	006	06:30:20	5:00	45N 280W
T41	CIRS_059TI_FIRNADCMP001_PRIME	02/22/08	053	04:29:07	3:03	25S 65W
T41	CIRS_059TI_FIRNADCMP002_PRIME	02/23/08	054	02:32:07	2:00	15N 285W
T42	CIRS_062TI_FIRNADCMP002_PRIME	03/25/08	085	23:27:48	2:00	60N 310W
T43	CIRS_067TI_FIRNADCMP001_PRIME	05/11/08	132	23:07:58	0:54	60S 60W
T43	CIRS_067TI_FIRNADCMP002_PRIME	05/12/08	133	19:01:58	5:00	30N 300W
T44	CIRS_069TI_FIRNADCMP001_PRIME	05/27/08	148	17:24:32	2:00	45S 50W
T44	CIRS_069TI_FIRNADCMP002_PRIME	05/28/08	149	17:24:32	2:00	10N 300W
T46	CIRS_091TI_FIRNADCMP001_PRIME	11/03/08	308	02:35:24	6:00	BIU anomaly
T46	CIRS_091TI_FIRNADCMP002_PRIME	11/04/08	309	03:35:24	4:38	
T47	CIRS_093TI_FIRNADCMP002_PRIME	11/20/08	325	01:56:28	3:00	45N 255W
T48	CIRS_095TI_FIRNADCMP001_PRIME	12/05/08	340	01:25:45	4:00	15S 70W
T49	CIRS_097TI_FIRNADCMP001_PRIME	12/20/08	355	23:59:52	4:00	10S 110W
T50	CIRS_102TI_FIRNADCMP001_PRIME	02/06/09	037	19:50:51	3:30	BIU anomaly
T51	CIRS_106TI_FIRNADCMP001_PRIME	03/26/09	085	16:43:36	3:00	60S 150W
T51	CIRS_107TI_FIRNADCMP002_PRIME	03/27/09	086	14:43:36	3:00	35N 215W
T52	CIRS_108TI_FIRNADCMP002_PRIME	04/04/09	094	10:47:47	3:00	70S 75W
T53	CIRS_109TI_FIRNADCMP001_PRIME	04/19/09	109	09:13:42	5:07	Downlink
T54	CIRS_110I_FIRNADCMP001_PRIME	05/06/09	126	07:54:16	5:00	70S 190W
T55	CIRS_111TI_FIRNADCMP002_PRIME	05/22/09	142	06:26:41	3:00	25S 5W
T56	CIRS_112TI_FIRNADCMP001_PRIME	06/06/09	157	06:07:49	3:52	50N 60W
T56	CIRS_112TI_FIRNADCMP002_PRIME	06/07/09	158	05:00:01	5:00	60S 255W
T57	CIRS_113TI_FIRNADCMP001_PRIME	06/22/09	173	05:05:48	3:27	15N 75W
T58	CIRS_114TI_FIRNADCMP001_PRIME	07/09/09	190	02:04:03	3:00	70S 340W
T59	CIRS_115TI_FIRNADCMP001_PRIME	07/24/09	205	02:34:04	3:00	50N 100W
T60	CIRS_116TI_FIRNADCMP001_PRIME	08/09/09	221	02:01:49	2:02	Downlink
T62	CIRS_119TI_FIRNADCMP001_PRIME	10/11/09	284	19:36:25	3:00	25S 105W
T62	CIRS_119TI_FIRNADCMP002_PRIME	10/12/09	285	17:36:25	3:00	0N 20W
T63	CIRS_122TI_FIRNADCMP001_PRIME	12/11/09	345	11:05:56	3:57	40N 0W
T64	CIRS_123TI_FIRNADCMP002_PRIME	12/28/09	362	09:16:59	3:00	45S 190W
T65	CIRS_124TI_FIRNADCMP002_PRIME	01/13/10	013	08:10:37	5:00	0N 170W
T66	CIRS_125TI_FIRNADCMP001_PRIME	01/28/10	028	08:07:18	4:22	40N 40W
T66	CIRS_125TI_FIRNADCMP002_PRIME	01/29/10	029	07:28:49	5:00	45S 225W
T67	CIRS_129TI_FIRNADCMP001_PRIME	04/05/10	095	03:44:18	2:06	45S 110W
T68	CIRS_131TI_FIRNADCMP001_PRIME	05/19/10	139	14:24:20	3:00	30S 30W
T68	CIRS_131TI_FIRNADCMP002_PRIME	05/20/10	140	12:24:20	4:00	20S 230W
T69	CIRS_132TI_FIRNADCMP002_PRIME	06/05/10	156	11:26:27	3:00	50N 195W
T70	CIRS_133TI_FIRNADCMP001_PRIME	06/20/10	171	12:06:01	3:21	50S 0W
T71	CIRS_134TI_FIRNADCMP001_PRIME	07/06/10	187	11:07:45	4:15	10S 60W
T72	CIRS_138TI_FIRNADCMP001_PRIME	09/24/10	267	06:12:41	3:26	30S 40W
T73	CIRS_140TI_FIRNADCMP001_PRIME	11/11/10	315	00:37:01	4:00	Safing event
T76	CIRS_148TI_FIRNADCMP001_PRIME	05/08/11	128	09:42:00	4:12	10S 115W
T78	CIRS_153TI_FIRNADCMP001_PRIME	09/11/11	254	13:50:06	4:00	10N 110W
T79	CIRS_158TI_FIRNADCMP501_PRIME	12/13/11	347	04:20:00	6:52	30S 330W
T80	CIRS_159TI_FIRNADCMP001_PRIME	01/02/12	002	01:16:59	4:57	40S 150W
T81	CIRS_160TI_FIRNADCMP001_PRIME	01/29/12	029	23:36:01	5:04	40S 330W
T81	CIRS_160TI_FIRNADCMP002_PRIME	01/30/12	030	22:39:48	5:36	0N 240W
T82	CIRS_161TI_FIRNADCMP001_PRIME	02/18/12	049	20:43:17	2:00	10N 150W
T82	CIRS_161TI_FIRNADCMP002_PRIME	02/19/12	050	17:43:17	2:06	15S 290W
T83	CIRS_166TI_FIRNADCMP001_PRIME	05/22/12	143	10:10:11	5:36	15S 170W
T84	CIRS_167TI_FIRNADCMP002_PRIME	06/07/12	159	09:07:21	5:00	45S 255W
T85	CIRS_169TI_FIRNADCMP001_PRIME	07/24/12	206	07:03:07	4:00	10S 345W
T86	CIRS_172TI_FIRNADCMP001_PRIME	09/26/12	270	01:10:59	4:25	45N 315W
T86	CIRS_172TI_FIRNADCMP002_PRIME	09/26/12	270	23:35:38	5:00	70S 240W
T87	CIRS_174TI_FIRNADCMP002_PRIME	11/13/12	318	19:22:08	5:00	72S 185W
T88	CIRS_175TI_FIRNADCMP001_PRIME	11/28/12	333	21:26:59	2:30	15N 60W
T88	CIRS_175TI_FIRNADCMP002_PRIME	11/29/12	334	17:56:59	5:00	60S 165W
T90	CIRS_185TI_FIRNADCMP001_PRIME	04/05/13	095	08:43:31	4:00	15N 70W
T90	CIRS_185TI_FIRNADCMP002_PRIME	04/06/13	096	06:43:31	5:00	89S 245W

Table 8
(Continued)

Flyby No.	Observation Name	Date	DOY	Start Time	Duration (HR:MN)	Pointing (Center Lat., Lon.)
T91	CIRS_190TI_FIRNADCMP001_PRIME	05/23/13	143	04:32:55	4:00	0N 50W
T91	CIRS_190TI_FIRNADCMP002_PRIME	05/24/13	144	02:32:55	5:00	45S 300W
T92	CIRS_194TI_FIRNADCMP001_PRIME	07/10/13	191	01:21:47	3:00	30N 90W
T93	CIRS_195TI_FIRNADCMP001_PRIME	07/25/13	206	23:56:22	3:00	20N 15W
T94	CIRS_197TI_FIRNADCMP001_PRIME	09/11/13	254	17:43:56	5:00	60N 110W
T95	CIRS_198TI_FIRNADCMP001_PRIME	10/13/13	286	16:56:27	3:00	89N 30W
T95	CIRS_198TI_FIRNADCMP002_PRIME	10/14/13	287	13:56:27	4:53	70S 100W
T96	CIRS_199TI_FIRNADCMP001_PRIME	11/30/13	334	10:41:19	5:00	90N (FPB)
T97	CIRS_200TI_FIRNADCMP001_PRIME	01/01/14	001	09:59:41	3:00	50N 165W
T97	CIRS_200TI_FIRNADCMP002_PRIME	01/02/14	002	07:21:41	4:00	60S 45W
T98	CIRS_201TI_FIRNADCMP001_PRIME	02/02/14	033	05:12:39	5:00	20N 135W
T98	CIRS_201TI_FIRNADCMP002_PRIME	02/03/14	034	04:12:39	4:00	40S 20W
T100	CIRS_203TI_FIRNADCMP001_PRIME	04/07/14	097	01:41:14	3:00	75N 90W
T100	CIRS_203TI_FIRNADCMP002_PRIME	04/07/14	097	22:41:14	4:00	0N 0W
T101	CIRS_204TI_FIRNADCMP002_PRIME	05/18/14	138	01:12:15	4:00	0N 210W
T102	CIRS_205TI_FIRNADCMP001_PRIME	06/18/14	169	01:28:25	3:00	45S 300W
T102	CIRS_205TI_FIRNADCMP002_PRIME	06/18/14	169	22:28:25	3:00	30N 180W
T103	CIRS_206TI_FIRNADCMP001_PRIME	07/19/14	200	22:40:58	3:00	50S 320W
T103	CIRS_206TI_FIRNADCMP002_PRIME	07/20/14	201	19:40:58	3:00	30N 240W
T104	CIRS_207TI_FIRNADCMP001_PRIME	08/20/14	232	20:09:09	3:00	70S 110W
T104	CIRS_207TI_FIRNADCMP002_PRIME	08/21/14	233	17:09:09	3:00	80N 150W
T105	CIRS_208TI_FIRNADCMP001_PRIME	09/21/14	264	15:23:19	5:00	80S 300W
T105	CIRS_208TI_FIRNADCMP002_PRIME	09/22/14	265	14:38:19	2:45	60N 270W
T106	CIRS_209TI_FIRNADCMP001_PRIME	10/23/14	296	14:40:30	3:00	35S 320W
T106	CIRS_209TI_FIRNADCMP002_PRIME	10/24/14	297	11:40:30	4:00	50N 255W
T107	CIRS_210TI_FIRNADCMP001_PRIME	12/10/14	344	08:26:35	5:00	70S 0W
T107	CIRS_210TI_FIRNADCMP002_PRIME	12/11/14	345	07:26:35	4:00	20S 195W
T108	CIRS_211TI_FIRNADCMP001_PRIME	01/11/15	011	07:15:35	3:33	20N 20W
T108	CIRS_211TI_FIRNADCMP002_PRIME	01/12/15	012	04:48:35	4:00	40N 160W
T109	CIRS_212TI_FIRNADCMP002_PRIME	02/13/15	044	02:08:04	4:00	40S 200W
T110	CIRS_213TI_FIRNADCMP001_PRIME	03/16/15	075	02:29:49	3:00	30S 345W
T110	CIRS_213TI_FIRNADCMP002_PRIME	03/16/15	075	23:29:49	4:00	25N 205W
T111	CIRS_215TI_FIRNADCMP001_PRIME	05/07/15	127	09:50:24	4:00	50S 140W
T111	CIRS_215TI_FIRNADCMP002_PRIME	05/08/15	128	07:50:24	4:00	30S 310W
T112	CIRS_218TI_FIRNADCMP001_PRIME	07/06/15	187	19:09:51	4:00	20S 40W
T112	CIRS_218TI_FIRNADCMP002_PRIME	07/07/15	188	17:09:51	4:00	40S 250W
T113	CIRS_222TI_FIRNADCMP001_PRIME	09/28/15	271	09:27:12	2:10	30N 110W
T113	CIRS_222TI_FIRNADCMP002_PRIME	09/29/15	272	06:37:12	4:00	0N 310W
T115	CIRS_230TI_FIRNADCMP001_PRIME	01/15/16	015	12:55:31	4:24	15S 345W
T116	CIRS_231TI_FIRNADCMP001_PRIME	01/31/16	031	11:56:59	4:03	15N 345W
T116	CIRS_231TI_FIRNADCMP002_PRIME	02/01/16	032	10:00:05	4:05	0N 260W
T117	CIRS_232TI_FIRNADCMP001_PRIME	02/16/16	047	10:56:37	3:53	50S 20W
T117	CIRS_232TI_FIRNADCMP002_PRIME	02/17/16	048	08:49:41	2:00	20S 240W
T118	CIRS_234TI_FIRNADCMP001_PRIME	04/04/16	095	05:42:42	5:00	20N 0W
T119	CIRS_235TI_FIRNADCMP001_PRIME	05/06/16	127	04:54:37	3:00	60S 320W
T119	CIRS_235TI_FIRNADCMP002_PRIME	05/07/16	128	01:54:37	4:00	15N 255W
T120	CIRS_236TI_FIRNADCMP001_PRIME	06/07/16	159	03:33:39	1:33	70S 10W
T120	CIRS_236TI_FIRNADCMP002_PRIME	06/07/16	159	23:06:17	4:00	60N 220W
T121	CIRS_238TI_FIRNADCMP002_PRIME	07/25/16	207	18:58:23	3:30	15N 260W
T124	CIRS_248TI_FIRNADCMP001_PRIME	11/13/16	318	11:55:56	3:00	89S 50W
T124	CIRS_248TI_FIRNADCMP002_PRIME	11/14/16	319	08:55:56	3:00	30N 280W
T125	CIRS_250TI_FIRNADCMP002_PRIME	11/30/16	335	07:14:32	4:00	20S 260W
T126	CIRS_270TI_FIRNADCMP001_PRIME	04/21/17	111	18:08:07	3:00	75S 55W

Table 9
CIRS Mid-infrared Nadir Maps (Corrected)

Flyby #	Observation Name	Date	DOY	Start Time	Duration (HR:MN)
T0	CIRS_000TI_TEMPMAP101_PRIME	07/02/04	184	03:30:21	1:22
T0	CIRS_000TI_TEMPMAP102_PRIME	07/02/04	184	05:16:21	1:24
T0	CIRS_000TI_TEMPMAP103_PRIME	07/02/04	184	07:04:21	1:26
T0	CIRS_000TI_TEMPMAP104_PRIME	07/02/04	184	10:30:21	4:00
T0	CIRS_000TI_TEMPMAP105_PRIME	07/02/04	184	15:15:21	1:45
TA	CIRS_00ATI_MIDIRTMAP001_PRIME	10/25/04	299	17:30:09	5:15
TB	CIRS_00BTI_MIDIRTMAP001_PRIME	12/12/04	347	15:13:13	8:25
T3	CIRS_003TI_MIDIRTMAP002_PRIME	02/14/05	045	09:57:53	9:00
T3	CIRS_003TI_MIDIRTMAP003_PRIME	02/15/05	046	18:57:53	4:20
T4	CIRS_005TI_MIDIRTMAP003_PRIME	04/01/05	091	08:05:16	6:30
T6	CIRS_013TI_MIDIRTMAP007_PRIME	08/22/05	234	20:53:37	7:03
T7	CIRS_014TI_MIDIRTMAP006_PRIME	09/06/05	249	06:00:00	5:00
T7	CIRS_014TI_MIDIRTMAP005_PRIME	09/07/05	250	20:11:57	6:11
T8	CIRS_017TI_MIDIRTMAP008_PRIME	10/27/05	300	01:24:00	7:00
T8	CIRS_017TI_MIDIRTMAP005_PRIME	10/28/05	301	16:15:25	7:48
T9	CIRS_019TI_MIDIRTMAP009_PRIME	12/27/05	361	14:04:00	13:33
T10	CIRS_020TI_MIDIRTMAP010_PRIME	01/14/06	014	14:23:27	9:18
T14	CIRS_024TI_MIDIRTMAP001_PRIME	05/21/06	141	01:18:11	2:00
T14	CIRS_024TI_MIDIRTMAP002_PRIME	05/21/06	141	06:18:11	2:58
T15	CIRS_025TI_MIDIRTMAP002_PRIME	07/02/06	183	23:50:47	7:54
T17	CIRS_028TI_MIDIRTMAP006_PRIME	09/06/06	249	21:56:51	7:20
T18	CIRS_029TI_TEMPMAP009_PRIME	09/22/06	265	03:30:00	7:00
T18	CIRS_029TI_MIDIRTMAP004_PRIME	09/22/06	265	20:58:49	7:00
T19	CIRS_030TI_MIDIRTMAP006_PRIME	10/08/06	281	20:16:07	6:14
T20	CIRS_031TI_TEMPMAP022_PRIME	10/24/06	297	01:26:00	7:30
T21	CIRS_035TI_MIDIRTMAP006_PRIME	12/11/06	345	16:08:31	4:03
T22	CIRS_036TI_MIDIRTMAP006_PRIME	12/27/06	361	15:04:22	5:01
T23	CIRS_037TI_MIDIRTMAP001_PRIME	01/12/07	012	14:23:31	2:15
T23	CIRS_037TI_MIDIRTMAP002_PRIME	01/12/07	012	17:38:31	2:00
T23	CIRS_037TI_MIDIRTMAP003_PRIME	01/13/07	013	22:38:31	3:25
T24	CIRS_038TI_MIDIRTMAP001_PRIME	01/28/07	028	13:00:55	2:15
T24	CIRS_038TI_MIDIRTMAP002_PRIME	01/29/07	029	21:15:55	5:14
T24	CIRS_038TI_TEMPMAP011_PRIME	01/30/07	030	16:37:00	6:00
T25	CIRS_039TI_MIDIRTMAP001_PRIME	02/21/07	052	12:12:24	2:00
T25	CIRS_039TI_MIDIRTMAP002_PRIME	02/22/07	053	17:12:24	7:15
T26	CIRS_040TI_MIDIRTMAP001_PRIME	03/09/07	068	11:08:00	1:41
T27	CIRS_041TI_MIDIRTMAP001_PRIME	03/25/07	084	09:07:27	2:16
T28	CIRS_042TI_MIDIRTMAP002_PRIME	04/11/07	101	12:58:00	7:14
T29	CIRS_043TI_TEMPMAP029_PRIME	04/28/07	118	00:15:00	3:00
T30	CIRS_044TI_MIDIRTMAP001_PRIME	05/12/07	132	05:45:58	1:24
T30	CIRS_044TI_MIDIRTMAP002_PRIME	05/13/07	133	10:09:58	1:19
T30	CIRS_044TI_TEMPMAP030_PRIME	05/13/07	133	21:43:00	3:30
T32	CIRS_046TI_MIDIRTMAP002_PRIME	06/14/07	165	07:46:11	2:15
T34	CIRS_048TI_TEMPMAP013_PRIME	07/17/07	198	07:40:00	3:00
T34	CIRS_048TI_MIDIRTMAP001_PRIME	07/18/07	199	01:48:20	7:23
T35	CIRS_049TI_MIDIRTMAP002_PRIME	08/31/07	243	21:32:34	6:00
T36	CIRS_050TI_MIDIRTMAP002_PRIME	10/02/07	275	18:42:43	8:46
T36	CIRS_050TI_TEMPMAP031_PRIME	10/03/07	276	17:30:00	6:22
N/A	CIRS_051TI_TEMPMAP014_PRIME	10/21/07	294	20:53:00	6:10
T37	CIRS_052TI_TEMPMAP016_PRIME	11/17/07	321	20:40:00	4:00
T37	CIRS_052TI_MIDIRTMAP002_PRIME	11/19/07	323	14:47:25	7:00
T38	CIRS_053TI_MIDIRTMAP002_PRIME	12/05/07	339	14:06:50	9:37
T40	CIRS_055TI_TEMPMAP034_PRIME	01/04/08	004	16:48:00	6:23
T40	CIRS_055TI_MIDIRTMAP002_PRIME	01/06/08	006	11:30:20	7:00
T41	CIRS_059TI_MIDIRTMAP002_PRIME	02/23/08	054	12:32:07	2:53
T41	CIRS_059TI_TEMPMAP037_PRIME	02/23/08	054	17:55:07	3:25
T41	CIRS_059TI_TEMPMAP038_PRIME	02/23/08	054	23:35:07	1:52
T43	CIRS_067TI_MIDIRTMAP002_PRIME	05/13/08	134	02:46:58	6:30
T44	CIRS_069TI_MIDIRTMAP001_PRIME	05/27/08	148	10:24:32	6:00
N/A	CIRS_072TI_TEMPMAP018_PRIME	06/13/08	165	05:40:00	4:00

Table 9
(Continued)

Flyby #	Observation Name	Date	DOY	Start Time	Duration (HR:MN)
T45	CIRS_078TI_MIDIRTMAP001_PRIME	07/30/08	212	08:05:21	4:07
T46	CIRS_091TI_MIDIRTMAP001_PRIME	11/02/08	307	20:17:34	BIU anomaly
T46	CIRS_091TI_MIDIRTMAP002_PRIME	11/04/08	309	07:35:24	omitted
T47	CIRS_093TI_MIDIRTMAP002_PRIME	11/20/08	325	05:56:28	2:00
T48	CIRS_096TI_MIDIRTMAP001_PRIME	12/06/08	341	04:25:45	3:06
T49	CIRS_097TI_MIDIRTMAP001_PRIME	12/20/08	355	17:24:32	6:35
T49	CIRS_098TI_MIDIRTMAP002_PRIME	12/22/08	357	02:29:52	3:30
T50	CIRS_102TI_MIDIRTMAP002_PRIME	02/07/09	038	18:50:51	BIU anomaly
T50	CIRS_102TI_MIDIRTMAP003_PRIME	02/07/09	038	22:20:51	
T51	CIRS_106TI_MIDIRTMAP001_PRIME	03/26/09	085	11:00:31	3:43
T51	CIRS_107TI_MIDIRTMAP002_PRIME	03/27/09	086	18:13:36	5:12
T52	CIRS_107TI_MIDIRTMAP001_PRIME	04/03/09	093	10:29:34	1:48
T52	CIRS_108TI_MIDIRTMAP002_PRIME	04/04/09	094	15:47:47	7:37
T53	CIRS_109TI_MIDIRTMAP002_PRIME	04/20/09	110	14:20:45	Downlink
T54	CIRS_110TI_MIDIRTMAP001_PRIME	05/05/09	125	08:11:47	4:42
T55	CIRS_111TI_MIDIRTMAP001_PRIME	05/21/09	141	07:09:49	1:17
T55	CIRS_111TI_MIDIRTMAP002_PRIME	05/22/09	142	11:26:41	8:00
T57	CIRS_113TI_MIDIRTMAP002_PRIME	06/23/09	174	08:32:35	8:00
T59	CIRS_115TI_MIDIRTMAP001_PRIME	07/23/09	204	23:34:04	3:00
T62	CIRS_119TI_MIDIRTMAP001_PRIME	10/11/09	284	14:45:21	4:21
T63	CIRS_122TI_MIDIRTMAP002_PRIME	12/12/09	346	15:03:14	5:00
T64	CIRS_123TI_MIDIRTMAP001_PRIME	12/27/09	361	10:07:24	4:10
T65	CIRS_124TI_MIDIRTMAP002_PRIME	01/13/10	013	13:10:37	5:21
T68	CIRS_131TI_MIDIRTMAP001_PRIME	05/19/10	139	08:10:04	5:44
T68	CIRS_131TI_MIDIRTMAP002_PRIME	05/20/10	140	16:24:20	4:40
T73	CIRS_140TI_MIDIRTMAP001_PRIME	11/10/10	314	21:14:00	Safing event
T74	CIRS_145TI_MIDIRTMAP001_PRIME	02/17/11	048	21:26:11	6:38
T74	CIRS_145TI_MIDIRTMAP002_PRIME	02/19/11	050	04:04:11	6:31
T76	CIRS_148TI_MIDIRTMAP002_PRIME	05/09/11	129	12:53:45	8:13
T77	CIRS_149TI_MIDIRTMAP002_PRIME	06/21/11	172	08:32:01	9:45
T78	CIRS_153TI_MIDIRTMAP001_PRIME	09/11/11	254	07:42:00	6:08
T79	CIRS_158TI_MIDIRTMAP002_PRIME	12/14/11	348	10:11:24	2:29
T82	CIRS_161TI_MIDIRTMAP001_PRIME	02/18/12	049	15:54:00	4:49
T84	CIRS_167TI_MIDIRTMAP001_PRIME	06/06/12	158	08:24:00	2:43
T84	CIRS_167TI_MIDIRTMAP002_PRIME	06/07/12	159	14:07:21	7:12
T85	CIRS_169TI_MIDIRTMAP001_PRIME	07/23/12	205	21:32:59	9:30
T86	CIRS_172TI_MIDIRTMAP002_PRIME	09/27/12	271	04:35:39	14:45
T87	CIRS_174TI_MIDIRTMAP001_PRIME	11/12/12	317	14:55:59	6:26
T87	CIRS_174TI_MIDIRTMAP002_PRIME	11/14/12	319	00:22:08	5:14
T88	CIRS_175TI_MIDIRTMAP002_PRIME	11/29/12	334	22:56:59	11:43
T89	CIRS_181TI_MIDIRTMAP001_PRIME	02/16/13	047	09:20:59	2:30
T89	CIRS_181TI_MIDIRTMAP002_PRIME	02/17/13	048	13:56:36	8:19
T90	CIRS_185TI_MIDIRTMAP001_PRIME	04/05/13	095	05:56:00	2:48
T90	CIRS_185TI_MIDIRTMAP002_PRIME	04/06/13	096	11:43:31	5:52
T91	CIRS_190TI_MIDIRTMAP001_PRIME	05/23/13	143	02:41:00	1:52
T91	CIRS_190TI_MIDIRTMAP002_PRIME	05/24/13	144	07:32:55	8:03
T93	CIRS_195TI_MIDIRTMAP001_PRIME	07/25/13	206	13:33:59	8:22
T94	CIRS_197TI_MIDIRTMAP001_PRIME	09/11/13	254	08:57:59	8:46
T95	CIRS_198TI_MIDIRTMAP001_PRIME	10/13/13	286	07:09:59	7:46
T96	CIRS_199TI_MIDIRTMAP001_PRIME	11/30/13	334	04:40:00	6:01
T97	CIRS_200TI_MIDIRTMAP001_PRIME	01/01/14	001	02:42:59	5:17
T97	CIRS_200TI_MIDIRTMAP002_PRIME	01/02/14	002	10:59:41	3:23
T98	CIRS_201TI_MIDIRTMAP001_PRIME	02/02/14	033	00:46:59	4:26
T98	CIRS_201TI_MIDIRTMAP002_PRIME	02/03/14	034	08:12:39	5:59
T99	CIRS_202TI_MIDIRTMAP002_PRIME	03/07/14	066	04:26:47	7:19
T100	CIRS_203TI_MIDIRTMAP001_PRIME	04/06/14	096	20:39:59	3:01
T100	CIRS_203TI_MIDIRTMAP002_PRIME	04/08/14	098	02:41:14	8:24
T101	CIRS_204TI_MIDIRTMAP001_PRIME	05/16/14	136	17:55:59	3:46
T101	CIRS_204TI_MIDIRTMAP002_PRIME	05/18/14	138	05:12:15	2:54
T102	CIRS_205TI_MIDIRTMAP001_PRIME	06/17/14	168	15:39:00	7:49

Table 9
(Continued)

Flyby #	Observation Name	Date	DOY	Start Time	Duration (HR:MN)
T102	CIRS_205TI_MIDIRTMAP002_PRIME	06/19/14	170	01:28:25	3:06
T103	CIRS_206TI_MIDIRTMAP001_PRIME	07/19/14	200	13:20:59	7:20
T104	CIRS_207TI_MIDIRTMAP001_PRIME	08/20/14	232	11:15:59	6:53
T104	CIRS_207TI_MIDIRTMAP002_PRIME	08/21/14	233	22:09:09	2:17
T105	CIRS_208TI_MIDIRTMAP001_PRIME	09/21/14	264	09:11:59	6:11
T105	CIRS_208TI_MIDIRTMAP002_PRIME	09/22/14	265	17:23:19	2:44
T106	CIRS_209TI_MIDIRTMAP001_PRIME	10/23/14	296	07:10:00	5:31
T106	CIRS_209TI_MIDIRTMAP002_PRIME	10/24/14	297	15:40:30	3:10
T107	CIRS_210TI_MIDIRTMAP001_PRIME	12/10/14	344	04:25:00	4:02
T107	CIRS_210TI_MIDIRTMAP002_PRIME	12/11/14	345	11:26:35	4:38
T108	CIRS_211TI_MIDIRTMAP001_PRIME	01/12/15	012	08:48:35	6:03
T109	CIRS_212TI_MIDIRTMAP002_PRIME	02/13/15	044	06:08:04	8:17
T110	CIRS_213TI_MIDIRTMAP001_PRIME	03/15/15	074	22:50:00	3:39
T110	CIRS_213TI_MIDIRTMAP002_PRIME	03/17/15	076	03:29:49	8:31
T111	CIRS_215TI_MIDIRTMAP001_PRIME	05/07/15	127	05:09:59	4:41
T111	CIRS_215TI_MIDIRTMAP002_PRIME	05/08/15	128	11:50:24	5:29
T112	CIRS_218TI_MIDIRTMAP001_PRIME	07/06/15	187	12:27:00	6:42
T112	CIRS_218TI_MIDIRTMAP002_PRIME	07/07/15	188	21:09:51	3:54
T113	CIRS_222TI_MIDIRTMAP002_PRIME	09/29/15	272	10:37:12	5:45
T114	CIRS_225TI_MIDIRTMAP001_PRIME	11/12/15	316	06:53:59	8:53
T117	CIRS_232TI_MIDIRTMAP002_PRIME	02/17/16	048	10:49:41	4:00
T118	CIRS_234TI_MIDIRTMAP001_PRIME	04/03/16	094	19:59:00	9:44
T119	CIRS_235TI_MIDIRTMAP001_PRIME	05/05/16	126	20:09:00	6:46
T119	CIRS_235TI_MIDIRTMAP002_PRIME	05/07/16	128	05:54:37	3:24
T120	CIRS_236TI_MIDIRTMAP002_PRIME	06/08/16	160	03:06:17	3:52
T121	CIRS_238TI_MIDIRTMAP002_PRIME	07/25/16	207	22:28:23	5:04
T123	CIRS_243TI_MIDIRTMAP001_PRIME	09/26/16	270	10:07:58	4:09
T124	CIRS_248TI_MIDIRTMAP001_PRIME	11/13/16	318	07:24:00	2:32
T124	CIRS_248TI_MIDIRTMAP002_PRIME	11/14/16	319	13:55:56	4:53
T125	CIRS_250TI_MIDIRTMAP002_PRIME	11/30/16	335	11:14:32	6:33
N/A	CIRS_253TI_MIDIRTMAP001_PRIME	12/15/16	350	10:16:00	6:05
N/A	CIRS_253TI_MIDIRTMAP002_PRIME	12/15/16	350	22:21:00	4:00
N/A	CIRS_253TI_MIDIRTMAP003_PRIME	12/16/16	351	05:51:00	1:30
N/A	CIRS_253TI_MIDIRTMAP004_PRIME	12/16/16	351	08:21:00	2:12
N/A	CIRS_259TI_MIDIRTMAP001_PRIME	02/01/17	032	09:19:00	3:47
N/A	CIRS_259TI_MIDIRTMAP002_PRIME	02/02/17	033	02:36:00	7:00
N/A	CIRS_261TI_MIDIRTMAP001_PRIME	02/17/17	048	02:31:00	5:10
N/A	CIRS_270TI_MIDIRTMAP001_PRIME	04/21/17	111	13:24:58	2:43
N/A	CIRS_270TI_MIDIRTMAP002_PRIME	04/22/17	112	19:08:07	9:53
N/A	CIRS_273TI_MIDIRTMAP001_PRIME	05/07/17	127	19:02:00	3:00
N/A	CIRS_275TI_MIDIRTMAP002_PRIME	05/24/17	144	11:33:00	4:00
N/A	CIRS_278TI_MIDIRTMAP001_PRIME	06/08/17	159	12:26:00	3:00
N/A	CIRS_278TI_MIDIRTMAP002_PRIME	06/08/17	159	16:26:00	3:00
N/A	CIRS_278TI_MIDIRTMAP003_PRIME	06/08/17	159	20:26:00	2:00
N/A	CIRS_278TI_MIDIRTMAP004_PRIME	06/08/17	159	23:26:00	3:00
N/A	CIRS_278TI_MIDIRTMAP005_PRIME	06/09/17	160	03:26:00	3:00
N/A	CIRS_278TI_MIDIRTMAP006_PRIME	06/09/17	160	07:26:00	2:54
N/A	CIRS_283TI_MIDIRTMAP001_PRIME	07/10/17	191	09:06:00	4:15
N/A	CIRS_283TI_MIDIRTMAP002_PRIME	07/10/17	191	14:21:00	4:45
N/A	CIRS_283TI_MIDIRTMAP003_PRIME	07/10/17	191	20:36:00	3:00
N/A	CIRS_287TI_MIDIRTMAP001_PRIME	08/10/17	222	16:51:00	6:40
N/A	CIRS_292TI_MIDIRTMAP001_PRIME	09/11/17	254	06:22:00	2:54
N/A	CIRS_292TI_MIDIRTMAP002_PRIME	09/12/17	255	07:46:00	5:00
N/A	CIRS_293TI_MIDIRTMAP003_PRIME	09/12/17	255	13:46:00	4:30

Table 10
CIRS Distant Titan Observations (Corrected)

Observation Name	Date	DOY	Time	Duration (HR:MN)
CIRS_009TI_COMPMAP002_PRIME	06/06/05	157	09:30:00	06:30:00
CIRS_010TI_COMPMAP003_PRIME	06/22/05	173	03:00:00	11:00:00
CIRS_015TI_COMPMAP005_PRIME	09/24/05	267	19:50:00	08:15:00
CIRS_016TI_COMPMAP006_PRIME	10/09/05	282	20:27:00	11:00:00
CIRS_022TI_COMPMAP002_PRIME	03/17/06	076	08:20:00	13:59:00
CIRS_030TI_COMPMAP007_PRIME	10/10/06	283	19:30:00	03:50:00
CIRS_031TI_COMPMAP008_PRIME	10/23/06	296	11:26:00	14:00:00
CIRS_033TI_COMPMAP009_PRIME	11/24/06	328	18:15:00	10:45:00
CIRS_035TI_COMPMAP010_PRIME	12/10/06	344	19:17:00	10:30:00
CIRS_036TI_COMPMAP024_PRIME	12/26/06	360	19:49:00	09:00:00
CIRS_037TI_COMPMAP026_PRIME	01/11/07	011	16:13:00	09:51:00
CIRS_037TI_COMPMAP012_PRIME	01/14/07	014	14:04:00	02:00:00
CIRS_038TI_COMPMAP013_PRIME	01/26/07	026	17:51:00	09:00:00
CIRS_040TI_COMPMAP026_PRIME	03/08/07	067	19:51:00	04:00:00
CIRS_041TI_COMPMAP028_PRIME	03/24/07	083	16:50:00	04:00:00
CIRS_041TI_COMPMAP029_PRIME	03/27/07	086	07:42:00	15:22:00
CIRS_041TI_COMPMAP030_PRIME	03/28/07	087	08:45:00	05:30:00
CIRS_043TI_COMPMAP002_PRIME	04/27/07	117	11:32:58	00:42:00
CIRS_044TI_COMPMAP015_PRIME	05/14/07	134	02:43:00	08:00:00
CIRS_048TI_COMPMAP013_PRIME	07/17/07	198	10:40:00	04:00:00
CIRS_051TI_COMPMAP016_PRIME	10/19/07	292	20:53:00	11:00:00
CIRS_051TI_COMPMAP017_PRIME	10/20/07	293	20:23:00	03:07:00
CIRS_051TI_COMPMAP018_PRIME	10/21/07	294	02:00:00	06:23:00
CIRS_052TI_COMPMAP016_PRIME	11/19/07	323	21:47:25	02:19:09
CIRS_052TI_COMPMAP015_PRIME	11/20/07	324	10:27:00	07:00:00
CIRS_055TI_COMPMAP001_PRIME	01/06/08	006	18:30:20	03:14:00
CIRS_057TI_COMPMAP018_PRIME	01/22/08	022	14:11:00	07:54:00
CIRS_059TI_COMPMAP001_PRIME	02/21/08	052	12:06:00	06:15:00
CIRS_062TI_COMPMAP019_PRIME	03/27/08	087	01:50:00	21:30:00
CIRS_066TI_COMPMAP021_PRIME	04/27/08	118	07:17:00	07:00:00
CIRS_067TI_COMPMAP001_PRIME	05/13/08	134	09:16:58	03:04:00
CIRS_069TI_COMPMAP001_PRIME	05/27/08	148	08:19:32	02:05:00
CIRS_072TI_COMPMAP021_PRIME	06/13/08	165	09:40:00	08:00:00
CIRS_083TI_COMPMAP001_PRIME	08/31/08	244	17:04:00	07:46:00
CIRS_103TI_COMPMAP001_PRIME	02/13/09	044	13:13:00	08:17:00
CIRS_122TI_COMPMAP002_PRIME	12/12/09	346	20:03:14	04:00:00
CIRS_123TI_COMPMAP001_PRIME	12/29/09	363	15:32:00	08:00:00
CIRS_124TI_COMPMAP002_PRIME	01/13/10	013	18:31:36	03:39:00
CIRS_128TI_COMPMAP001_PRIME	03/19/10	078	03:49:00	07:15:00
CIRS_131TI_COMPMAP001_PRIME	05/21/10	141	09:40:00	08:00:00
CIRS_134TI_COMPMAP001_PRIME	07/08/10	189	12:49:00	10:10:00
CIRS_139TI_COMPMAP001_PRIME	10/14/10	287	04:52:00	13:30:00
CIRS_140TI_COMPMAP001_PRIME	11/12/10	316	22:00:00	08:00:00
CIRS_140TI_COMPMAP002_PRIME	11/15/10	319	09:19:00	08:00:00
CIRS_143TI_COMPMAP001_PRIME	01/14/11	014	17:05:00	10:10:00
CIRS_149TI_TEA001_PRIME	06/22/11	173	09:00:00	07:30:00
CIRS_149TI_TEA002_PRIME	06/23/11	174	05:42:00	21:00:00
CIRS_149TI_TEA003_PRIME	06/24/11	175	11:42:00	15:00:00
CIRS_149TI_TEA004_PRIME	06/25/11	176	11:42:00	37:29:00
CIRS_154TI_COMPMAP001_PRIME	09/26/11	269	22:50:00	06:00:00
CIRS_155TI_TEA003_PRIME	10/24/11	297	05:00:00	19:00:00
CIRS_155TI_TEA004_PRIME	10/25/11	298	14:32:00	13:15:00
CIRS_155TI_TEA005_PRIME	10/26/11	299	14:17:00	13:30:00
CIRS_156TI_TEA003_PRIME	10/30/11	303	14:02:00	13:30:00
CIRS_156TI_TEA004_PRIME	10/31/11	304	14:02:00	13:30:00
CIRS_156TI_TEA005_PRIME	11/01/11	305	14:02:00	28:45:00
CIRS_156TI_TEA006_PRIME	11/03/11	307	03:47:00	15:00:00
CIRS_157TI_COMPMAP001_PRIME	11/27/11	331	18:00:00	15:34:00
CIRS_158TI_TEA001_PRIME	12/16/11	350	11:20:00	15:00:00
CIRS_160TI_TEA002_PRIME	02/01/12	032	15:57:00	31:30:00
CIRS_160TI_TEA003_PRIME	02/03/12	034	08:27:00	15:00:00

Table 10
(Continued)

Observation Name	Date	DOY	Time	Duration (HR:MN)
CIRS_160TI_TEA004_PRIME	02/04/12	035	08:27:00	20:45:00
CIRS_160TI_TEA005_PRIME	02/07/12	038	17:22:00	11:10:00
CIRS_161TI_TEA001_PRIME	02/11/12	042	17:08:00	11:10:00
CIRS_181TI_TEA001_PRIME	02/18/13	049	09:46:00	25:41:00
CIRS_181TI_TEA002_PRIME	02/19/13	050	21:57:00	23:30:00
CIRS_182TI_TEA001_PRIME	02/21/13	052	07:57:00	21:00:00
CIRS_182TI_TEA002_PRIME	02/22/13	053	15:52:00	11:10:00
CIRS_185TI_TEA001_PRIME	04/07/13	097	07:36:00	10:55:00
CIRS_186TI_TEA001_PRIME	04/08/13	098	05:01:00	14:45:00
CIRS_186TI_TEA002_PRIME	04/09/13	099	04:46:00	15:00:00
CIRS_202TI_TEA001_PRIME	03/02/14	061	21:56:00	15:00:00
CIRS_202TI_TEA002_PRIME	03/03/14	062	21:56:00	15:00:00
CIRS_202TI_TEA003_PRIME	03/04/14	063	21:56:00	13:30:00
CIRS_206TI_TEAFP1001_PRIME	07/10/14	191	00:00:00	13:00:00
CIRS_206TI_TEA002_PRIME	07/10/14	191	13:00:00	13:27:00
CIRS_206TI_TEA003_PRIME	07/11/14	192	12:57:00	37:15:00
CIRS_219TI_TEA001_PRIME	07/23/15	204	13:06:00	13:20:00
CIRS_219TI_TEA002_PRIME	07/24/15	205	12:56:00	13:30:00
CIRS_233TI_TEA001_PRIME	03/06/16	066	16:00:00	08:00:00
CIRS_241TI_TEA002_PRIME	08/27/16	240	11:23:00	35:20:00
CIRS_252TI_COMPMAP001_PRIME	12/15/16	350	06:16:00	04:00:00
CIRS_253TI_COMPMAP001_PRIME	12/15/16	350	17:21:00	04:00:00
CIRS_253TI_COMPMAP002_PRIME	12/16/16	351	03:21:00	01:30:00
CIRS_259TI_COMPMAP001_PIE	02/01/17	032	14:06:00	05:15:00
CIRS_259TI_COMPMAP002_PRIME	02/02/17	033	09:36:00	05:45:00
CIRS_268TI_COMPMAP001_PIE	04/07/17	097	02:36:00	05:47:00
CIRS_268TI_COMPMAP002_PIE	04/07/17	097	09:23:00	05:16:00
CIRS_271TI_COMPMAP001_PRIME	04/23/17	113	23:36:00	11:36:00
CIRS_278TI_COMPMAP001_PRIME	06/08/17	159	08:26:00	03:00:00
CIRS_280TI_COMPMAP001_PIE	06/25/17	176	00:28:00	04:24:00
CIRS_283TI_COMPMAP001_PRIME	07/10/17	191	04:20:00	03:46:00
CIRS_283TI_COMPMAP002_PRIME	07/11/17	192	00:36:00	03:42:00
CIRS_283TI_COMPMAP003_PRIME	07/11/17	192	08:04:00	01:51:00
CIRS_285TI_COMPMAP001_PRIME	07/26/17	207	21:51:00	01:30:00
CIRS_287TI_COMPMAP001_PIE	08/11/17	223	00:31:00	05:00:00
CIRS_288TI_COMPMAP001_PIE	08/11/17	223	06:31:00	05:00:00
CIRS_288TI_COMPMAP002_PIE	08/11/17	223	12:31:00	04:30:00
CIRS_288TI_COMPMAP003_PIE	08/11/17	223	18:01:00	06:15:00
CIRS_290TI_COMPMAP001_PIE	08/28/17	240	00:19:00	04:16:00
CIRS_292TI_COMPMAP001_PRIME	09/12/17	255	03:46:00	03:00:00
CIRS_293TI_COMPMAP002_PRIME	09/12/17	255	18:46:00	02:20:00

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