

Appendix A

Observed thermal Infrared Fluxes of near-Earth asteroids

Object	Date (UTC)	Time (UTC) At start	Wavelength (μm)	Flux (mJy)	Error (mJy)
25143(1998 SF ₃₆)	01-04-08	10:11:52	8.9	83	21
		09:36:22	10.4	144	18
		09:21:15	11.9	158	20
		10:28:41	11.9	143	18
		09:54:05	12.9	158	19
25143(1998 SF ₃₆)	01-04-09	09:38:08	9.8	105	16
		09:57:25	10.4	168	27
		10:12:32	11.9	233	29
		10:26:10	11.9	186	27
		09:21:16	12.9	240	30
5587 (1990 SB)	01-04-08	05:24:15	7.9	394	66
		04:53:34	8.9	843	29
		04:21:42	10.4	953	21
		04:32:55	11.9	907	19
		04:42:47	12.9	1273	31
5587 (1990 SB)	01-04-09	05:46:41	8.19	684	77
		05:46:41	8.42	855	49
		05:46:41	8.65	950	46
		05:46:41	8.87	863	41
		05:46:41	9.10	932	42
		05:46:41	9.33	984	47
		05:46:41	10.47	1211	46
		05:46:41	10.70	1294	48
		05:46:41	10.93	1376	56
		05:46:41	11.21	1361	40
5587 (1990 SB)	01-04-09	06:18:39	8.19	451	80
		06:18:39	8.42	642	53
		06:18:39	8.65	609	43
		06:18:39	8.87	698	41
		06:18:39	9.10	777	43
		06:18:39	9.33	797	51
		06:18:39	10.47	986	47
		06:18:39	10.70	1045	44
		06:18:39	10.93	926	54

		06:18:39	11.21	1132	46
19356(1997 GH ₃)	01-04-09	07:20:06	12.9	160	30
		08:17:37	11.9	256	51
		08:00:55	9.8	170	53
		08:37:00	10.4	258	26
5604 (1992FE)	01-04-08	02:01:56	11.9	90	30
37314 (2001QP)	01-12-04	08:31:07	8.9	279	31
		07:37:46	10.4	369	13
		07:22:25	11.9	354	19
33342 (98WT ₂₄)	01-12-02	09:10:01	8.9	144	31
		08:52:38	10.4	239	15
		08:50:30	11.9	262	37
35396 (97XF ₁₁)	02-11-28	02:53:00	11.9	103	15
		03:20:00	8.6	82	15
		03:58:00	12.9	105	20
2001 LF	03-06-02	07:29:00	11.9	614	20
		08:09:00	8.6	490	15
		08:21:00	12.9	824	29
		09:33:00	11.9	620	28
		09:44:00	8.6	322	22
2001 LF	03-06-03	06:49:00	11.9	774	45
		07:01:00	8.6	465	33
		07:13:00	12.9	780	56
		08:11:00	11.9	894	28
		08:23:00	12.9	759	40
		08:40:00	8.6	452	11
		09:53:00	17.8	515	130
5381 Sekhmet	03-06-02	02:14:00	11.9	284	28
		02:26:00	11.9	268	28
		02:40:00	8.6	140	26
		02:52:00	12.9	331	33
1999 KV4	03-06-02	04:16:00	11.9	302	22
		04:38:00	8.6	150	18
		05:01:00	12.9	230	80
2002 AV4	03-06-02	23:01:00	11.9	252	15
		23:24:00	8.6	128	6
		23:55:00	12.9	212	22
		00:21:00	11.9	223	18

		01:43:00	11.9	244	19
1627 Ivar	00-03-16	10:32:43	8	107	7
		10:39:38	8	150	8
		11:01:54	8.9	199	6
		10:47:17	8.9	172	6
		21:39:49	10.7	294	10
		09:44:50	10.7	287	9
		09:54:08	11.7	421	7
		10:01:23	12.5	380	7
		10:25:03	20	705	22
		1866 Sisyphus	00-03-17	15:51:30	8.9
16:05:35	10.7			27	3
16:12:39	11.7			36	4
15:25:32	11.7			46	4
15:33:30	12.5			26	4
15:41:41	20			77	24
2100 Ra-Shalom	00-08-21	10:27:44	4.8	66	6
		10:22:43	8.9	567	10
		10:17:05	11.7	1172	20
		10:36:13	20	1421	57
4034 1986 PA	01-05-11	08:13:15	10.7	23	3
		08:00:19	11.7	25	3
		08:25:42	12.5	22	3
4055 Magellan	00-03-16	14:50:21	10.7	15	4
		14:39:48	11.7	30	4
4660 Nereus	02-02-21	16:02:11	8	80	8
		15:27:49	8.9	65	4
		14:58:54	10.7	107	4
		14:25:52	11.7	80	4
		14:35:31	11.7	109	6
		15:11:20	11.7	98	5
		14:43:20	12.5	98	5
15:45:10	17.65	104	16		
5587 1990 SB	01-05-10	09:11:59	4.8	164	4
		09:48:49	4.8	175	5
		09:00:00	8	993	22
		08:53:40	8.9	1053	22
		08:48:54	10.7	1275	27
		09:43:01	11.7	2698	46
		08:41:32	11.7	1432	24
		09:05:50	12.5	2083	44

		10:02:17	17.9	2472	80
		09:28:38	17.9	2571	81
		09:35:53	20	2972	95
5604 1992 FE	01-05-11	07:02:48	8.9	8	1
		06:49:49	10.7	14	2
		06:24:34	11.7	22	3
		06:36:50	12.5	27	3
5751 Zao	01-05-12	06:28:49	10.70	18	1
		06:04:22	11.70	34	1
		06:16:39	12.50	23	2
14402 1991 DB	00-03-16	13:26:01	4.8	46	3
		13:17:43	8	368	16
		13:13:03	8.9	445	14
		13:08:33	10.7	622	11
		13:03:30	11.7	682	12
		13:21:45	12.5	640	12
		13:58:10	20	513	21
		13:49:07	20	507	24
16834 1997 WU ₂₂	00-08-21	07:12:10	8.0	133	11
		07:05:13	8.9	156	5
		07:58:41	10.7	252	9
		07:20:58	11.7	351	8
		06:42:47	11.7	264	8
		06:47:00	12.5	283	7
19356 1997 GH ₅	01-05-11	09:17:55	8.0	21	4
		09:05:36	8.9	41	4
		08:53:11	10.7	50	2
		09:57:02	11.7	59	2
		08:41:05	11.7	63	2
		09:30:59	12.5	63	2
		09:43:55	17.9	74	12
25330 1999 KV ₄	01-05-10	07:11:05	4.8	35	5
		07:04:25	8.0	250	12
		06:55:43	8.9	292	9
		06:51:05	10.7	394	12
		06:19:41	11.7	520	16
		06:43:14	11.7	506	15
		07:21:34	17.9	629	35
		07:35:43	20.0	643	33
		07:28:11	20.0	563	32
1994 QC	00-03-17	13:49:50	8.90	8	3

		12:16:45	11.70	19	3
		13:05:10	11.70	17	3
		13:35:28	11.70	16	3
		13:16:16	12.50	12	3
1999 FK ₂₁	02-02-21	11:14:08	8.9	115	5
		11:47:22	11.7	164	6
		10:50:23	11.7	167	7
		11:01:48	12.5	142	6
		11:26:59	17.65	198	13
1999 NC ₄₃	00-03-17	07:18:18	8.9	93	5
		07:29:37	10.7	113	3
		06:35:46	11.7	173	4
		07:37:02	11.7	154	4
		07:57:03	11.7	151	3
		06:40:35	12.5	171	4
		06:58:08	20	207	16
		06:48:27	20	256	19
2000 BG ₁₉	00-03-17	10:54:00	4.8	29	4
		11:07:05	8.9	214	7
		11:18:41	10.7	279	8
		11:26:22	11.7	340	10
		10:18:15	11.7	344	10
		10:26:34	12.5	303	9
		10:46:50	20	321	25
		10:35:13	20	304	28
2000 EV ₇₀	00-03-17	14:20:10	11.70	22	4
		14:32:54	12.50	28	6
2000 PG ₃	00-08-21	09:55:45	8	47	6
		09:41:40	8.9	55	2
		09:13:28	10.7	69	2
		09:04:42	11.7	120	3
		09:20:53	12.5	108	3
2001 FY	01-05-12	09:02:13	10.70	14	1
		08:34:36	11.70	21	2
		08:47:15	12.50	15	2
2001 HW ₁₅	01-05-12	10:00:17	10.70	15	8
		08:05:53	11.70	35	8
2002 BM ₂₆	02-02-21	08:41:25	8.00	260	12
		08:36:45	8.90	335	8
		09:02:08	11.70	708	15

		08:27:36	11.70	710	15
		08:05:46	11.70	680	14
		08:31:58	12.50	687	14
		08:51:43	17.65	894	21
2002 CT ₄₆	02-02-21	13:25:55	10.70	15	3
		14:12:53	11.70	43	3
		12:39:18	11.70	30	2
		13:13:17	11.75	27	2
33342 (1998WT ₂₄)	01-12-18	05:32:00	7.91	2859	246
		05:33:00	7.91	3109	265
		06:56:00	7.91	6689	281
		07:04:00	8.81	1753	101
		07:02:00	8.81	1676	67
		05:57:00	10.27	5017	189
		05:58:00	10.27	4226	161
		05:55:00	11.70	4880	91
		05:37:59	11.70	4592	121
		05:38:59	11.70	5177	92
		06:53:00	11.70	4109	78
		06:54:00	11.70	4354	83
		05:29:59	11.70	4887	83
		05:34:00	17.92	5849	1219
		05:45:00	17.92	7005	887
		06:00:59	17.92	5159	7389
33342 (1998WT ₂₄)	01-12-19	05:48:00	7.91	1758	62
		06:47:59	7.91	1467	52
		06:15:59	7.91	1416	54
		05:04:59	11.70	3196	52
		05:49:59	11.70	3220	48
		06:51:00	11.70	2638	40
		06:20:00	11.70	3295	51
		06:23:59	17.92	2927	198
		05:10:00	17.92	4020	161
		05:55:00	17.92	3497	194
		06:58:59	17.92	3576	209
		05:21:00	20.81	4959	736
33342 (1998WT ₂₄)	01-12-21	04:51:00	7.91	487	40
		05:48:00	7.91	552	33
		06:42:00	7.91	440	31
		05:00:00	10.27	900	25
		05:54:00	10.27	1093	26
		06:00:00	11.70	1366	28
		05:06:00	11.70	1154	27
		06:12:00	17.92	1895	105
		05:18:00	17.92	1915	104
1580 Betulia	02-06-02		7.91	1522	51

			7.91	1935	62
			7.91	1989	59
			10.27	2285	53
			10.27	3258	71
			10.27	3294	75
			11.70	4131	91
			11.70	3221	73
			11.70	2456	57
			17.92	3835	215
			17.92	4282	207
			17.92	4497	190
35356 (1997 XF ₁₁)	02-11-03	07:53:42	4.90	444	29
		08:03:23	4.90	4229	28
		06:39:02	4.90	484	40
		05:22:59	7.80	1158	79
		08:26:07	7.80	769	70
		05:37:44	9.80	1945	79
		08:46:46	9.80	1533	64
		06:46:05	11.70	1948	27
		07:44:41	11.70	2044	25
		05:51:12	11.70	2501	29
		06:16:09	11.70	1947	24
		05:29:49	11.70	2368	28
		08:09:48	11.70	1451	22
		05:07:12	11.70	1882	24
		08:33:42	11.70	2173	26
		09:10:16	11.70	2438	28
		09:03:30	18.40	3092	75
		06:02:28	18.40	3140	86
35356 (1997 XF ₁₁)	02-11-05	05:31:46	4.9	347	35
		06:04:55	4.9	399	36
		07:46:02	4.9	422	53
		07:55:55	4.9	443	44
		06:45:52	7.8	733	81
		08:18:24	7.8	1117	86
		07:05:10	9.8	1770	393
		08:36:01	9.8	1513	84
		05:27:09	11.7	1623	54
		05:53:47	11.7	1277	49
		06:29:49	11.7	2177	49
		06:52:38	11.7	2140	53
		07:13:21	11.7	1621	37
		07:36:10	11.7	1402	52
		08:02:21	11.7	1962	49
		08:36:01	11.7	2156	48
		08:41:52	11.7	1640	55
		09:04:47	11.7	1196	60

08:57:42	18.4	1658	111
07:29:10	18.4	1880	85