

aor_id	targetname	targetra (hrs)	targetdec (deg)	instcfg	spectral	t_exp (secs)
81_0007_1	Gulf of Mexico / Target A	0	0	IMG_DUAL2	24.2 microns	2705
81_0007_1	Gulf of Mexico / Target A	0	0	IMG_DUAL2	34.8 microns	2705
81_0072_5	IRAS 00259+5625	0.479111	56.701939	IMG_DUAL2	24.2 microns	269
81_0072_5	IRAS 00259+5625	0.479111	56.701939	IMG_DUAL2	34.8 microns	269
81_0059_1	NGC 2146	6.310528	78.3563	IMG_DUAL2	11.3 microns	3322
81_0059_1	NGC 2146	6.310528	78.3563	IMG_DUAL2	37.1 microns	3322
81_0059_2	NGC 2146	6.310528	78.3563	IMG_DUAL2	37.1 microns	1917
81_0059_2	NGC 2146	6.310528	78.3563	IMG_DUAL2	19.7 microns	1917
81_0015_13	FROSTY	9.665	11.981389	IMG_SWC	24.2 microns	21
81_0015_13	FROSTY	9.665	11.981389	IMG_DUAL2	24.2 microns	4922
81_0015_13	FROSTY	9.665	11.981389	IMG_DUAL2	37.1 microns	4922
81_0069_2	NGC 3227	10.391833	19.865	IMG_DUAL2	11.1 microns	1506
81_0069_2	NGC 3227	10.391833	19.865	IMG_DUAL2	31.4 microns	1506
81_0069_3	NGC 3227	10.391833	19.865	IMG_DUAL2	34.8 microns	1450
81_0069_3	NGC 3227	10.391833	19.865	IMG_DUAL2	19.7 microns	1450
81_0069_4	NGC 3227	10.391833	19.865	IMG_DUAL2	37.1 microns	1332
81_0069_4	NGC 3227	10.391833	19.865	IMG_DUAL2	24.2 microns	1332
81_0048_15	Haro 3	10.756222	55.960278	IMG_SWC	19.7 microns	305
81_0048_15	Haro 3	10.756222	55.960278	IMG_SWC	37.1 microns	305
81_0048_16	Haro 3	10.756222	55.960278	IMG_SWC	24.2 microns	238
81_0048_16	Haro 3	10.756222	55.960278	IMG_SWC	37.1 microns	238
81_0048_17	Haro 3	10.756222	55.960278	IMG_DUAL2	31.4 microns	65
81_0048_17	Haro 3	10.756222	55.960278	IMG_DUAL2	11.3 microns	65
81_0048_17	Haro 3	10.756222	55.960278	IMG_LWC	11.3 microns	31
81_0048_17	Haro 3	10.756222	55.960278	IMG_LWC	31.4 microns	31
81_0048_18	Haro 3	10.756222	55.960278	IMG_DUAL2	11.1 microns	792
81_0048_18	Haro 3	10.756222	55.960278	IMG_DUAL2	34.8 microns	792
81_0024_10	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	61
81_0024_10	T CrB	15.991711	25.920167	IMG_SWC	5.4 microns	61
81_0024_11	T CrB	15.991711	25.920167	IMG_SWC	6.3 microns	120
81_0024_11	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	120
81_0024_12	T CrB	15.991711	25.920167	IMG_SWC	6.6 microns	122
81_0024_12	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	122
81_0024_13	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	147
81_0024_13	T CrB	15.991711	25.920167	IMG_SWC	7.7 microns	147

81_0024_14	T CrB	15.991711	25.920167	IMG_SWC	8.6 microns	212
81_0024_14	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	212
81_0024_15	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	60
81_0024_15	T CrB	15.991711	25.920167	IMG_SWC	11.1 microns	60
81_0024_18	T CrB	15.991711	25.920167	IMG_SWC	34.8 microns	182
81_0024_18	T CrB	15.991711	25.920167	IMG_SWC	24.2 microns	182
81_0015_10	M2-9	17.093861	-10.143056	IMG_DUAL2	19.7 microns	893
81_0015_10	M2-9	17.093861	-10.143056	IMG_DUAL2	33.5 microns	893
81_0015_11	M2-9	17.093861	-10.143056	IMG_DUAL2	37.1 microns	533
81_0015_11	M2-9	17.093861	-10.143056	IMG_DUAL2	24.2 microns	533
81_0015_12	M2-9	17.093861	-10.143056	IMG_SWC	37.1 microns	545
81_0015_12	M2-9	17.093861	-10.143056	IMG_SWC	11.1 microns	545
81_0015_9	M2-9	17.093861	-10.143056	IMG_SWC	37.1 microns	556
81_0015_9	M2-9	17.093861	-10.143056	IMG_SWC	6.6 microns	556
81_0025_2	gamma Oph	17.798211	2.707278	IMG_DUAL2	24.2 microns	7791
81_0025_2	gamma Oph	17.798211	2.707278	IMG_DUAL2	34.8 microns	7791
81_0015_6	NGC6543	17.975944	66.633194	IMG_DUAL2	31.4 microns	704
81_0015_6	NGC6544	17.975944	66.633194	IMG_DUAL2	11.3 microns	704
81_0015_7	NGC6545	17.975944	66.633194	IMG_DUAL2	33.5 microns	754
81_0015_7	NGC6546	17.975944	66.633194	IMG_DUAL2	11.3 microns	754
81_0015_8	NGC6547	17.975944	66.633194	IMG_DUAL2	33.5 microns	270
81_0015_8	NGC6548	17.975944	66.633194	IMG_DUAL2	24.2 microns	270
81_0051_5	Serpens MMS3	18.48586	0.5247222	IMG_DUAL2	19.7 microns	1661
81_0051_5	Serpens MMS3	18.48586	0.5247222	IMG_DUAL2	31.4 microns	1661
81_0051_6	Serpens MMS3	18.48586	0.5247222	IMG_DUAL2	37.1 microns	583
81_0051_6	Serpens MMS3	18.48586	0.5247222	IMG_DUAL2	24.2 microns	583
81_0067_6	W40 CO Peak	18.521667	-2.108333	IMG_DUAL2	34.8 microns	1174
81_0067_6	W40 CO Peak	18.521667	-2.108333	IMG_DUAL2	11.3 microns	1174
81_0067_1	W40 IR Cluster	18.524721	-2.09	IMG_SWC	34.8 microns	248
81_0067_1	W40 IR Cluster	18.524721	-2.09	IMG_SWC	5.4 microns	248
81_0067_2	W40 IR Cluster	18.524721	-2.09	IMG_SWC	34.8 microns	242
81_0067_2	W40 IR Cluster	18.524721	-2.09	IMG_SWC	8.6 microns	242
81_0067_3	W40 IR Cluster	18.524721	-2.09	IMG_SWC	11.3 microns	239
81_0067_3	W40 IR Cluster	18.524721	-2.09	IMG_SWC	34.8 microns	239
81_0067_4	W40 IR Cluster	18.524721	-2.09	IMG_SWC	34.8 microns	478
81_0067_4	W40 IR Cluster	18.524721	-2.09	IMG_SWC	24.2 microns	478

81_0067_5	W40 IR Cluster	18.524721	-2.09	IMG_DUAL2	11.3 microns	1526
81_0067_5	W40 IR Cluster	18.524721	-2.09	IMG_DUAL2	34.8 microns	1526
81_0041_2	W43	18.797783	-1.906611	IMG_DUAL2	37.1 microns	360
81_0041_2	W43	18.797783	-1.906611	IMG_DUAL2	19.7 microns	360
81_0013_1	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	19.7 microns	593
81_0013_1	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	37.1 microns	593
81_0013_2	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	11.3 microns	718
81_0013_2	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	31.4 microns	718
81_0013_25	G35.20-0.74	18.97025	1.675917	IMG_LWC	37.1 microns	1813
81_0013_25	G35.20-0.74	18.97025	1.675917	IMG_LWC	19.7 microns	1813
81_0013_26	G35.20-0.74	18.97025	1.675917	IMG_LWC	19.7 microns	878
81_0013_26	G35.20-0.74	18.97025	1.675917	IMG_LWC	31.4 microns	878
81_0013_4	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	24.2 microns	898
81_0013_4	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	31.4 microns	898
81_0013_5	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	37.1 microns	1318
81_0013_5	G35.20-0.74	18.97025	1.675917	IMG_DUAL2	24.2 microns	1318
81_0051_10	L673-SMM1	19.340305	11.371944	IMG_DUAL2	24.2 microns	570
81_0051_10	L673-SMM1	19.340305	11.371944	IMG_DUAL2	37.1 microns	570
81_0051_9	L673-SMM1	19.340306	11.371944	IMG_DUAL2	31.4 microns	501
81_0051_9	L673-SMM1	19.340306	11.371944	IMG_DUAL2	19.7 microns	501
81_0051_11	L673-SMM2	19.340639	11.334444	IMG_DUAL2	19.7 microns	846
81_0051_11	L673-SMM2	19.340639	11.334444	IMG_DUAL2	31.4 microns	846
81_0051_12	L673-SMM2	19.340639	11.334444	IMG_DUAL2	24.2 microns	583
81_0051_12	L673-SMM2	19.340639	11.334444	IMG_DUAL2	37.1 microns	583
81_0047_17	IRAS 20000+3239	20.033194	32.792473	IMG_SWC	37.1 microns	30
81_0047_17	IRAS 20000+3239	20.033194	32.792473	IMG_SWC	7.7 microns	30
81_0047_18	IRAS 20000+3239	20.033194	32.792473	IMG_SWC	8.6 microns	30
81_0047_18	IRAS 20000+3239	20.033194	32.792473	IMG_SWC	37.1 microns	30
81_0047_19	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	33.5 microns	31
81_0047_19	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	11.3 microns	31
81_0047_20	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	19.7 microns	31
81_0047_20	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	34.8 microns	31
81_0047_21	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	24.2 microns	30
81_0047_21	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	37.1 microns	30
81_0047_22	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	11.1 microns	20
81_0047_22	IRAS 20000+3239	20.033194	32.792473	IMG_DUAL2	31.4 microns	20

81_0007_2	Gulf of Mexico / Target B+C	20.971528	43.890389	IMG_DUAL2	24.2 microns	1974
81_0007_2	Gulf of Mexico / Target B+C	20.971528	43.890389	IMG_DUAL2	34.8 microns	1974
81_0024_19	V407 Cyg	21.036058	45.775833	IMG_SWC	5.4 microns	30
81_0024_20	V407 Cyg	21.036058	45.775833	IMG_SWC	6.3 microns	60
81_0024_21	V407 Cyg	21.036058	45.775833	IMG_SWC	6.6 microns	60
81_0024_22	V407 Cyg	21.036058	45.775833	IMG_SWC	7.7 microns	30
81_0024_23	V407 Cyg	21.036058	45.775833	IMG_SWC	8.6 microns	30
81_0024_24	V407 Cyg	21.036058	45.775833	IMG_SWC	11.1 microns	30
81_0024_26	V407 Cyg	21.036058	45.775833	IMG_SWC	19.7 microns	60
81_0024_27	V407 Cyg	21.036058	45.775833	IMG_SWC	24.2 microns	241
81_0047_1	AFGL 2688	21.038408	36.693611	IMG_SWC	7.7 microns	90
81_0047_1	AFGL 2688	21.038408	36.693611	IMG_SWC	37.1 microns	90
81_0047_2	AFGL 2688	21.038408	36.693611	IMG_SWC	8.6 microns	45
81_0047_2	AFGL 2688	21.038408	36.693611	IMG_SWC	37.1 microns	45
81_0047_3	AFGL 2688	21.038408	36.693611	IMG_DUAL2	11.3 microns	45
81_0047_3	AFGL 2688	21.038408	36.693611	IMG_DUAL2	33.5 microns	45
81_0047_4	AFGL 2688	21.038408	36.693611	IMG_DUAL2	34.8 microns	79
81_0047_4	AFGL 2688	21.038408	36.693611	IMG_DUAL2	19.7 microns	79
81_0047_5	AFGL 2688	21.038408	36.693611	IMG_DUAL2	24.2 microns	45
81_0047_5	AFGL 2688	21.038408	36.693611	IMG_DUAL2	37.1 microns	45
81_0047_6	AFGL 2688	21.038408	36.693611	IMG_DUAL2	11.1 microns	45
81_0047_6	AFGL 2688	21.038408	36.693611	IMG_DUAL2	31.4 microns	45
81_0029_1	NGC 7009	21.069664	-11.36325	IMG_LWC	24.2 microns	167
81_0029_1	NGC 7009	21.069664	-11.36325	IMG_LWC	31.4 microns	167
81_0029_1	NGC 7009	21.069664	-11.36325	IMG_DUAL2	19.7 microns	627
81_0029_1	NGC 7009	21.069664	-11.36325	IMG_DUAL2	31.4 microns	811
81_0029_1	NGC 7009	21.069664	-11.36325	IMG_DUAL2	24.2 microns	183
81_0029_2	NGC 7009	21.069664	-11.36325	IMG_DUAL2	33.5 microns	504
81_0029_2	NGC 7009	21.069664	-11.36325	IMG_LWC	33.5 microns	359
81_0029_2	NGC 7009	21.069664	-11.36325	IMG_LWC	24.2 microns	359
81_0029_2	NGC 7009	21.069664	-11.36325	IMG_DUAL2	24.2 microns	148
81_0029_2	NGC 7009	21.069664	-11.36325	IMG_DUAL2	19.7 microns	356
81_0029_3	NGC 7009	21.069664	-11.36325	IMG_DUAL2	34.8 microns	217
81_0029_3	NGC 7009	21.069664	-11.36325	IMG_LWC	34.8 microns	356
81_0029_3	NGC 7009	21.069664	-11.36325	IMG_DUAL2	24.2 microns	217
81_0029_3	NGC 7009	21.069664	-11.36325	IMG_LWC	24.2 microns	356

81_0029_4	NGC 7009	21.069664	-11.36325	IMG_LWC	24.2 microns	371
81_0029_4	NGC 7009	21.069664	-11.36325	IMG_LWC	37.1 microns	371
81_0029_4	NGC 7009	21.069664	-11.36325	IMG_DUAL2	37.1 microns	187
81_0029_4	NGC 7009	21.069664	-11.36325	IMG_DUAL2	24.2 microns	187
81_0015_1	NGC7027	21.117108	42.236167	IMG_SWC	6.3 microns	239
81_0015_1	NGC7027	21.117108	42.236167	IMG_SWC	33.5 microns	239
81_0015_2	NGC7027	21.11711	42.236168	IMG_SWC	33.5 microns	243
81_0015_2	NGC7027	21.11711	42.236168	IMG_SWC	6.6 microns	243
81_0015_3	NGC7027	21.11711	42.236168	IMG_SWC	33.5 microns	180
81_0015_3	NGC7027	21.11711	42.236168	IMG_SWC	11.1 microns	180
81_0015_4	NGC7027	21.11711	42.236168	IMG_DUAL2	19.7 microns	210
81_0015_4	NGC7027	21.11711	42.236168	IMG_DUAL2	33.5 microns	210
81_0015_5	NGC7027	21.11711	42.236168	IMG_DUAL2	24.2 microns	175
81_0015_5	NGC7027	21.11711	42.236168	IMG_DUAL2	37.1 microns	175
81_0051_14	CB230	21.294027	68.292496	IMG_DUAL2	24.2/31.4 um	409
81_0051_13	CB230	21.294028	68.292497	IMG_DUAL2	19.7/31.4 um	1078
81_0039_11	mu Cep	21.725128	58.78005	IMG_SWC	5.4 microns	30
81_0039_12	mu Cep	21.725128	58.78005	IMG_SWC	8.6 microns	30
81_0039_13	mu Cep	21.725128	58.78005	IMG_DUAL2	11.1/37.1 um	118
81_0039_14	mu Cep	21.725128	58.78005	IMG_DUAL2	19.7/34.8 um	178
81_0039_15	mu Cep	21.725128	58.78005	IMG_DUAL2	24.2/37.1 um	1047
82_0002_1	Cas A IR Echo 1	23.369722	59.5575	IMG_DUAL2	19.7 microns	602
82_0002_1	Cas A IR Echo 1	23.369722	59.5575	IMG_DUAL2	31.4 microns	602
81_0072_2	IRAS 23504+6802	23.881194	68.323264	IMG_DUAL2	24.2 microns	455
81_0072_2	IRAS 23504+6802	23.881194	68.323264	IMG_DUAL2	34.8 microns	455
81_0072_3	IRAS 23508+6807	23.889333	68.410831	IMG_DUAL2	34.8 microns	327
81_0072_3	IRAS 23508+6807	23.889333	68.410831	IMG_DUAL2	24.2 microns	327
81_0072_4	IRAS 23528+6814	23.921722	68.52	IMG_DUAL2	34.8 microns	476
81_0072_4	IRAS 23528+6814	23.921722	68.52	IMG_DUAL2	24.2 microns	476
81_0072_1	IRAS 23568+6706	23.9905	67.394169	IMG_DUAL2	24.2 microns	363
81_0072_1	IRAS 23568+6706	23.9905	67.394169	IMG_DUAL2	34.8 microns	363

Solar System Targets

<u>aor_id</u>	<u>targetname</u>	<u>targetra</u>	<u>targetdec</u>	<u>instcfg</u>	<u>spectral</u>	<u>t_exp (sec)</u>
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81_0016_10	Neptune	N/A	N/A	IMG_DUAL2	33.5 microns	31
81_0016_10	Neptune	N/A	N/A	IMG_DUAL2	11.1 microns	31
81_0016_11	Neptune	N/A	N/A	IMG_DUAL2	34.8 microns	15
81_0016_11	Neptune	N/A	N/A	IMG_DUAL2	11.1 microns	15
81_0016_12	Neptune	N/A	N/A	IMG_DUAL2	37.1 microns	15
81_0016_12	Neptune	N/A	N/A	IMG_DUAL2	11.1 microns	15
81_0016_7	Neptune	N/A	N/A	IMG_SWC	19.7 microns	61
81_0016_7	Neptune	N/A	N/A	IMG_SWC	19.7 microns	275
81_0016_7	Neptune	N/A	N/A	IMG_SWC	19.7 microns	336
81_0016_8	Neptune	N/A	N/A	IMG_SWC	24.2 microns	45
81_0016_8	Neptune	N/A	N/A	IMG_SWC	24.2 microns	45
81_0016_9	Neptune	N/A	N/A	IMG_DUAL2	11.1 microns	15
81_0016_9	Neptune	N/A	N/A	IMG_DUAL2	31.4 microns	15
82_0004_1	1162 Larissa	N/A	N/A	IMG_DUAL2	31.4 microns	599
82_0004_1	1162 Larissa	N/A	N/A	IMG_DUAL2	19.7 microns	599
82_0004_2	1162 Larissa	N/A	N/A	IMG_DUAL2	11.1 microns	1635
82_0004_2	1162 Larissa	N/A	N/A	IMG_DUAL2	34.8 microns	1635
82_0004_3	1911 Schubart	N/A	N/A	IMG_DUAL2	19.7 microns	661
82_0004_3	1911 Schubart	N/A	N/A	IMG_DUAL2	31.4 microns	661
82_0004_4	1911 Schubart	N/A	N/A	IMG_DUAL2	11.1 microns	667
82_0004_4	1911 Schubart	N/A	N/A	IMG_DUAL2	34.8 microns	667

