



KITTT PEAK NATIONAL OBSERVATORY

CCD DIRECT IMAGING LOG

Date 07/07/05 Observers Farnham, Li Telescope KPND Scale 0.26 CCD Mosaic-1 Gain 2.00  
 Filters: 1 U 2 Z 3 V 4 R 5 I 6 hb0h1 7 hbvcl 8 hbcm1 9 hbc31 10 hbbc1 11 hbc21 12 hbqcl 13 hbvcl 14 hbco1  
 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050707_001	Dome Flat V	V	12.0	23:58	-0:08	1.523			
0050707_002	Dome Flat V	V	12.0	0:00	-0:08	1.523			
0050707_003	Dome Flat R	R	12.0	0:04	-0:08	1.523			
0050707_004	Dome Flat R	R	12.0	0:07	-0:08	1.523			
0050707_005	Dome Flat CN	hbcm1	20.0	0:12	-0:08	1.523			
0050707_006	Dome Flat CN	hbcm1	20.0	0:15	-0:08	1.523			
0050707_007	Dome Flat BC	hbbc1	5.0	0:19	-0:09	1.523			
0050707_008	Dome Flat BC	hbbc1	5.0	0:21	-0:08	1.523			
0050707_009	Dome Flat C2	hbcm1	6.0	0:27	-0:08	1.523			
0050707_010	Dome Flat C2	hbcm1	6.0	0:29	-0:08	1.523			
0050707_011	Dome Flat GC	hbcm1	10.0	0:33	-0:08	1.523			
0050707_012	Dome Flat GC	hbcm1	10.0	0:36	-0:08	1.523			
0050707_013	Bias	hbcm1	0.0	1:27	-0:08	1.523			
0050707_014	Bias	hbcm1	0.0	1:30	-0:08	1.523			
0050707_015	Bias	hbcm1	0.0	1:32	-0:08	1.523			
0050707_016	Bias	hbcm1	0.0	1:35	-0:08	1.523			
0050707_017	Bias	hbcm1	0.0	1:37	-0:08	1.523			
0050707_018	Focus	hbcm1	20.0	3:15	+1:07	1.422			
0050707_019	Focus	R	10.0	3:32	+1:23	1.463			



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 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
0050707_020	Comet Tempel 1	R	120.0	3:54	+1:45	1.543			
0050707_021	Comet Tempel 1	R	120.0	3:59	+1:51	1.566			
0050707_022	Comet Tempel 1	R	120.0	4:27	+2:18	1.706			
0050707_023	Comet Tempel 1	R	120.0	4:32	+2:23	1.736			
0050707_024	Comet Tempel 1	hbcm1	600.0	4:45	+2:36	1.829			
0050707_025	Comet Tempel 1	hbvc1	600.0	4:58	+2:50	1.939			
0050707_026	Comet Tempel 1	R	120.0	5:13	+3:05	2.093			
0050707_027	Comet Tempel 1	R	90.0	5:30	+3:21	2.314			
0050707_028	Comet Tempel 1	R	90.0	5:36	+3:28	2.417			
0050707_029	Comet Tempel 1	hbcm1	600.0	5:42	+3:34	2.524			
0050707_030	Comet Tempel 1	hbvc1	600.0	5:55	+3:47	2.797			
0050707_031	Comet Tempel 1	R	120.0	6:09	+4:00	3.171			
0050707_032	Comet Tempel 1	R	90.0	6:14	+4:05	3.339			
0050707_033	Comet Tempel 1	R	120.0	6:18	+4:10	3.510			
0050707_034	Comet Boethin	R	900.0	6:26	+3:10	2.890			
0050707_035	Comet Boethin	R	871.7	6:44	+3:28	3.343			
0050707_038	PG1525-071	R	5.0	8:01	+4:07	3.034			
0050707_039	PG1525-071	R	5.0	8:04	+4:11	3.152			
0050707_040	PG1525-071	R	5.0	8:09	+4:16	3.312			



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 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
0050707_041	PG1525-071	R	5.0	8:12	+4:19	3.436			
0050707_042	PG1525-071	R	5.0	8:15	+4:22	3.553			
0050707_043	PG1525-071	R	5.0	8:18	+4:25	3.685			
0050707_044	Asteroid 55434	R	600.0	8:29	-1:47	1.567			
0050707_045	HD 149363	hbvc1	2.0	8:43	+3:44	2.413			
0050707_046	HD 149363	hbvc21	1.5	8:46	+3:47	2.471			
0050707_047	HD 149363	hbvc1	2.0	8:49	+3:50	2.531			
0050707_048	HD 149363	hbcn1	2.0	8:52	+3:53	2.592			
0050707_049	Landolt 112-805	R	2.0	8:56	-0:11	1.177			
0050707_050	Landolt 112-805	R	1.0	9:00	-0:06	1.177			
0050707_051	Landolt 112-805	R	1.0	9:03	-0:03	1.176			
0050707_052	Landolt 112-805	V	1.0	9:06	-0:00	1.176			
0050707_053	Landolt 112-805	V	1.0	9:09	+0:02	1.176			
0050707_054	HD 149363	hbvc1	2.0	9:13	+4:14	3.130			
0050707_055	HD 149363	hbvc21	1.5	9:16	+4:17	3.232			
0050707_056	HD 149363	hbvc1	2.0	9:19	+4:20	3.347			
0050707_057	HD 149363	hbcn1	2.0	9:22	+4:23	3.462			
0050707_058	Asteroid 55434	R	600.0	9:29	-0:47	1.407			
0050707_059	Asteroid 55434	V	600.0	9:43	-0:33	1.391			



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 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050707_060	Asteroid 55434	R	600.0	9:56	-0:20	1.380			
0050707_061	Landolt 109-954	R	2.0	10:09	+4:00	2.373			
0050707_062	Landolt 109-954	V	2.0	10:13	+4:04	2.445			
0050707_063	Landolt 109-954	R	2.0	10:16	+4:07	2.506			
0050707_064	Landolt 109-954	V	2.0	10:19	+4:11	2.577			
0050707_065	Asteroid 55434	R	600.0	10:23	+0:07	1.374			
0050707_066	Asteroid 55434	V	600.0	10:36	+0:20	1.379			
0050707_067	Asteroid 55434	R	600.0	10:49	+0:33	1.390			
0050707_068	HD 219188	hbgs1	1.0	11:03	-0:35	1.135			
0050707_069	HD 219188	hbcs1	1.0	11:06	-0:31	1.133			
0050707_070	HD 219188	hbbs1	1.0	11:10	-0:28	1.131			
0050707_071	HD 219188	hbcm1	1.0	11:13	-0:24	1.129			