



KITTT PEAK NATIONAL OBSERVATORY

CCD DIRECT IMAGING LOG

Date 07/03/05 Observers Farnham 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 abbcl 11 hbc21 12 hbqcl 13 hbvcl 14 hbco1  
 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
0050703.001	Dome Flat C3	hbc31	15.0	23:07	+0:00	1.525			
0050703.002	Dome Flat C3	hbc31	15.0	23:12	+0:00	1.525			
0050703.003	Dome Flat C3	hbc31	15.0	23:15	+0:00	1.525			
0050703.004	Dome Flat C3	hbc31	15.0	23:18	+0:00	1.525			
0050703.005	Dome Flat C3	hbc31	15.0	23:21	+0:00	1.525			
0050703.006	Dome Flat RC	hbvcl	12.0	23:26	+0:00	1.525			
0050703.007	Dome Flat RC	hbvcl	12.0	23:30	+0:00	1.525			
0050703.008	Dome Flat RC	hbvcl	12.0	23:32	+0:00	1.525			
0050703.009	Dome Flat RC	hbvcl	12.0	23:35	+0:00	1.525			
0050703.010	Dome Flat RC	hbvcl	12.0	23:38	+0:00	1.525			
0050703.011	Dome Flat V	V	12.0	23:50	+0:00	1.525			
0050703.012	Dome Flat V	V	12.0	23:54	+0:00	1.525			
0050703.013	Dome Flat V	V	12.0	23:56	+0:00	1.525			
0050703.014	Dome Flat V	V	12.0	23:59	+0:00	1.525			
0050703.015	Dome Flat V	V	12.0	0:02	+0:00	1.525			
0050703.016	Dome Flat CN	hbcm1	20.0	0:22	+0:00	1.525			
0050703.017	Dome Flat CN	hbcm1	20.0	0:25	+0:00	1.525			
0050703.018	Dome Flat CN	hbcm1	20.0	0:28	+0:00	1.525			
0050703.019	Dome Flat CN	hbcm1	20.0	0:31	+0:00	1.525			



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 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050703_020	Dome Flat CN	hbcn1	20.0	0:34	+0:00	1.525			
0050703_021	Dome Flat BC	hbbc1	5.0	0:44	+0:00	1.525			
0050703_022	Dome Flat BC	hbbc1	5.0	0:47	+0:00	1.525			
0050703_023	Dome Flat BC	hbbc1	5.0	0:50	+0:00	1.525			
0050703_024	Dome Flat BC	hbbc1	5.0	0:52	+0:00	1.525			
0050703_025	Dome Flat BC	hbbc1	5.0	0:55	+0:00	1.525			
0050703_026	Dome Flat GC	hbgcl	10.0	1:02	+0:00	1.525			
0050703_027	Dome Flat GC	hbgcl	10.0	1:05	+0:00	1.525			
0050703_028	Dome Flat GC	hbgcl	10.0	1:08	+0:00	1.525			
0050703_029	Dome Flat GC	hbgcl	10.0	1:11	+0:00	1.525			
0050703_030	Dome Flat GC	hbgcl	10.0	1:13	+0:00	1.525			
0050703_031	Dome Flat C2	hbc21	6.0	1:22	+0:00	1.525			
0050703_032	Dome Flat C2	hbc21	6.0	1:25	+0:00	1.525			
0050703_033	Dome Flat C2	hbc21	6.0	1:28	+0:00	1.525			
0050703_034	Dome Flat C2	hbc21	6.0	1:30	+0:00	1.525			
0050703_035	Dome Flat C2	hbc21	6.0	1:33	+0:00	1.525			
0050703_036	Dome Flat R	R	12.0	1:39	+0:00	1.525			
0050703_037	Dome Flat R	R	12.0	1:42	+0:00	1.525			
0050703_038	Dome Flat R	R	12.0	1:45	+0:00	1.525			



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 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050703_039	Dome Flat R	R	12.0	1:48	+0:00	1.525			
0050703_040	Dome Flat R	R	12.0	1:50	+0:00	1.525			
0050703_041	Dome Flat C0+	hbco1	10.0	1:56	+0:00	1.525			
0050703_042	Dome Flat C0+	hbco1	8.0	2:02	+0:00	1.525			
0050703_043	Dome Flat C0+	hbco1	8.0	2:04	+0:00	1.525			
0050703_044	Dome Flat C0+	hbco1	8.0	2:07	+0:00	1.525			
0050703_045	Dome Flat C0+	hbco1	8.0	2:10	+0:00	1.525			
0050703_046	Bias	hbco1	0.0	2:14	+0:00	1.525			
0050703_047	Bias	hbco1	0.0	2:16	+0:00	1.525			
0050703_048	Bias	hbco1	0.0	2:19	+0:00	1.525			
0050703_049	Bias	hbco1	0.0	2:22	+0:00	1.525			
0050703_050	Bias	hbco1	0.0	2:24	+0:00	1.525			
0050703_051	Bias	hbco1	0.0	2:27	+0:00	1.525			
0050703_052	Focus	hbco1	25.0	3:16	+0:59	1.304			
0050703_053	Focus	R	10.0	3:34	+1:17	1.338			
0050703_054	Comet Tempel 1	R	300.0	3:50	+1:33	1.460			
0050703_055	Comet Tempel 1	hbco1	600.0	4:05	+1:48	1.513			
0050703_056	Comet Tempel 1	hbco1	600.0	4:24	+2:07	1.594			
0050703_057	Comet Tempel 1	R	240.0	4:40	+2:23	1.682			



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 Filters: 1 U 2 Z 3 V 4 R 5 I 6 hb01 7 hbv1 8 hbc1 9 hbc3 10 hb1 11 hbc2 12 hb1 13 hbv1 14 hb1  
 Program \_\_\_\_\_

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050703.058	Comet Tempel 1	R	240.0	4:48	+2:31	1.734			
0050703.059	Comet Tempel 1	hb1	600.0	5:08	+2:51	1.890			
0050703.060	Comet Tempel 1	hb1	600.0	5:22	+3:05	2.025			
0050703.061	Comet Tempel 1	R	240.0	5:46	+3:29	2.336			
0050703.062	Comet Tempel 1	hb1	600.0	5:56	+3:39	2.521			
0050703.063	Comet Tempel 1	hbc1	600.0	6:11	+3:54	2.836			
0050703.064	Comet Tempel 1	R	240.0	6:26	+4:09	3.278			
0050703.065	Comet Tempel 1	R	67.8	6:32	+4:16	3.535			
0050703.066	Comet Tempel 1	R	157.8	6:38	+4:21	3.776			
0050703.067	Comet Machholz 2004 Q2	R	180.0	6:53	+4:54	2.073			
0050703.068	Comet Machholz 2004 Q2	R	180.0	7:02	+5:03	2.194			
0050703.069	Comet Machholz 2004 Q2	R	180.0	7:08	+5:09	2.294			
0050703.070	Comet Machholz 2004 Q2	R	180.0	7:18	+5:19	2.466			
0050703.071	Comet Machholz 2004 Q2	R	180.0	7:23	+5:25	2.576			
0050703.072	Comet Machholz 2004 Q2	R	180.0	7:29	+5:30	2.697			
0050703.073	Comet Machholz 2004 Q2	V	180.0	7:36	+5:37	2.870			