



KITTT PEAK NATIONAL OBSERVATORY

CCD DIRECT IMAGING LOG

Date 07/09/05 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 hbcn1 9 hbc31 10 hbbc1 11 hbc21 12 hbgcl 13 hbvcl 14 hbco1
 Program _____

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050709_001	Bias	R	0.0	0:22	+0:00	1.000			
0050709_002	Bias	R	0.0	0:25	+0:00	1.000			
0050709_003	Bias	R	0.0	0:28	+0:00	1.000			
0050709_004	Bias	R	0.0	0:30	+0:00	1.000			
0050709_005	Bias	R	0.0	0:33	+0:00	1.000			
0050709_006	Dome Flat R	R	12.0	0:43	+0:00	1.000			
0050709_007	Dome Flat R	R	12.0	0:46	+0:00	1.000			
0050709_008	Dome Flat V	R	12.0	0:50	+0:00	1.000			
0050709_009	Dome Flat V	R	12.0	0:53	+0:00	1.000			
0050709_010	Dome Flat CN	hbcn1	20.0	0:58	+0:00	1.000			
0050709_011	Dome Flat CN	hbcn1	20.0	1:01	+0:00	1.000			
0050709_012	Dome Flat BC	hbbc1	5.0	1:09	+0:00	1.000			
0050709_013	Dome Flat BC	hbbc1	5.0	1:12	+0:00	1.000			
0050709_014	Focus narrowband	hbbc1	20.0	3:24	+1:20	1.524			
0050709_015	Focus broadband	R	10.0	3:37	+1:33	1.565			
0050709_016	Comet Tempel 1	R	120.0	3:49	+1:44	1.560			
0050709_017	Comet Tempel 1	R	120.0	3:55	+1:51	1.588			
0050709_018	Comet Tempel 1	hbbc1	600.0	4:02	+1:57	1.617			
0050709_019	Comet Tempel 1	hbbc1	600.0	4:17	+2:12	1.694			



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 Program _____

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
0050709_020	Comet Tempel 1	R	120.0	4:32	+2:27	1.789			
0050709_021	Comet Tempel 1	R	120.0	4:37	+2:32	1.827			
0050709_022	Comet Tempel 1	hbcm1	600.0	4:42	+2:38	1.867			
0050709_023	Comet Tempel 1	hbbs1	600.0	4:55	+2:51	1.983			
0050709_024	Comet Tempel 1	R	120.0	5:11	+3:06	2.151			
0050709_025	Comet Tempel 1	R	120.0	5:16	+3:11	2.213			
0050709_026	Comet Tempel 1	hbcm1	600.0	5:24	+3:19	2.330			
0050709_027	Comet Tempel 1	hbcm1	600.0	5:39	+3:35	2.596			
0050709_028	Comet Tempel 1	hbbs1	600.0	5:52	+3:48	2.889			
0050709_029	Comet Tempel 1	R	180.0	6:06	+4:02	3.289			
0050709_030	Comet Tempel 1	R	180.0	6:12	+4:08	3.524			
0050709_031	Comet Tempel 1	R	120.0	6:18	+4:14	3.782			
0050709_032	Asteroid 10783 (1991 RB9)	R	600.0	6:32	-3:08	2.260			
0050709_033	Asteroid 10783 (1991 RB9)	V	600.0	6:46	-2:54	2.087			
0050709_034	Asteroid 10783 (1991 RB9)	R	600.0	7:03	-2:36	1.922			
0050709_035	Asteroid 10783 (1991 RB9)	V	600.0	7:17	-2:23	1.817			
0050709_036	Asteroid 10783 (1991 RB9)	R	600.0	7:30	-2:09	1.733			
0050709_037	Landolt PG1525-071	R	4.0	8:01	+4:16	3.337			
0050709_038	Landolt PG1525-071	R	4.0	8:05	+4:20	3.480			



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 Program _____

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050709_039	Landolt 111-2088	R	1.5	8:16	+0:21	1.178			
0050709_040	Landolt 111-2088	V	2.0	8:20	+0:24	1.180			
0050709_041	HD 170783	hbcm1	3.0	8:29	+1:41	1.239			
0050709_042	HD 170783	hbbs1	1.5	8:32	+1:44	1.247			
0050709_043	HD 149363	hbbs1	1.5	8:37	+3:46	2.445			
0050709_044	HD 149363	hbcm1	3.0	8:40	+3:49	2.507			
0050709_045	Landolt PG1633+099	R	2.0	8:49	+3:57	1.937			
0050709_046	Landolt PG1633+099	V	2.0	8:53	+4:01	1.986			
0050709_047	HD 149363	hbbs1	2.0	9:06	+4:15	3.169			
0050709_048	HD 149363	hbcm1	2.0	9:10	+4:19	3.309			
0050709_049	Asteroid 55434 (2001 TZ66)	R	600.0	9:21	-0:46	1.408			
0050709_050	Asteroid 55434 (2001 TZ66)	V	600.0	9:34	-0:33	1.392			
0050709_051	Asteroid 55434 (2001 TZ66)	R	600.0	9:49	-0:18	1.380			
0050709_052	Comet Neat 2001 Q4	R	600.0	10:06	-4:15	1.553			
0050709_053	Comet Neat 2001 Q4	R	600.0	10:18	-4:03	1.506			
0050709_054	Comet Neat 2001 Q4	R	600.0	10:32	-3:49	1.459			
0050709_055	Asteroid 10783 (1999 RB9)	R	600.0	10:50	+1:10	1.496			
0050709_056	Asteroid 10783 (1999 RB9)	V	600.0	11:03	+1:24	1.533			
0050709_057	Asteroid 10783 (1999 RB9)	R	600.0	11:17	+1:37	1.580			