



KITTT PEAK NATIONAL OBSERVATORY

CCD DIRECT IMAGING LOG

Date 07/08/05 Observers Farnham, Li Telescope KPND Scale 0.26 CCD MOSAIC Gain 3.00
 Filters: 1 2 3 V 4 R 5 OH 7 UC 8 CN 9 C3 10 BC 11 C2 12 GC 13 RC 14 CO+
 Program _____

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050708.001	Bias	CN	0.0	23:15	-0:09	1.524			
0050708.002	Bias	CN	0.0	23:17	-0:09	1.524			
0050708.003	Bias	CN	0.0	23:20	-0:09	1.524			
0050708.004	Bias	CN	0.0	23:22	-0:09	1.524			
0050708.005	Bias	CN	0.0	23:25	-0:08	1.524			
0050708.006	Dome Flat R	R	12.0	23:36	-0:09	1.524			
0050708.007	Dome Flat R	R	12.0	23:39	-0:09	1.524			
0050708.008	Dome Flat R	V	12.0	23:43	-0:09	1.524			
0050708.009	Dome Flat R	V	12.0	23:46	-0:09	1.524			
0050708.010	Dome Flat filter1 = hbcn1	CN	20.0	0:08	-0:09	1.524			
0050708.011	Dome Flat filter1 = hbcn1	CN	20.0	0:11	-0:08	1.524			
0050708.012	Dome Flat filter1 = hbbc1	BC	5.0	0:14	-0:08	1.524			
0050708.013	Dome Flat filter1 = hbbc1	BC	5.0	0:16	-0:09	1.524			
0050708.014	Dome Flat filter1 = hbgc1	GC	10.0	0:25	-0:09	1.524			
0050708.015	Dome Flat filter1 = hbgc1	GC	10.0	0:28	-0:09	1.524			
0050708.016	Dome Flat filter1 = hbc21	C2	6.0	0:30	-0:09	1.524			
0050708.017	Dome Flat filter1 = hbc21	C2	6.0	0:33	-0:09	1.524			
0050708.018	FOCUS	BC	20.0	3:20	+1:15	1.466			
0050708.019	FOCUS	R	10.0	3:37	+1:31	1.514			



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Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FWHM	Comments
0050708_020	Comet Tempel 1	R	120.0	3:52	+1:45	1.555			
0050708_021	Comet Tempel 1	R	120.0	3:58	+1:51	1.580			
0050708_022	Comet Tempel 1	BC	600.0	4:05	+1:58	1.612			
0050708_023	Comet Tempel 1	CN	600.0	4:20	+2:13	1.686			
0050708_024	Comet Tempel 1	R	120.0	4:33	+2:26	1.767			
0050708_025	Comet Tempel 1	R	120.0	4:38	+2:31	1.802			
0050708_026	Focus	R	10.0	4:43	+2:37	1.845			
0050708_027	Comet Tempel 1	BC	600.0	4:55	+2:48	1.945			
0050708_030	Comet Tempel 1	R	150.0	5:30	+3:23	2.363			
0050708_031	Comet Tempel 1	BC	600.0	5:36	+3:30	2.472			
0050708_032	Comet Tempel 1	CN	600.0	5:50	+3:43	2.749			
0050708_033	Comet Tempel 1	CN	600.0	6:03	+3:57	3.094			
0050708_034	Comet Tempel 1	R	150.0	6:16	+4:10	3.554			
0050708_035	Comet Tempel 1	R	120.0	6:22	+4:15	3.794			
0050708_036	Comet Machholz 2004 Q2	R	180.0	6:36	+4:51	2.080			
0050708_037	Comet Machholz 2004 Q2	R	600.0	6:42	+4:57	2.168			
0050708_038	Comet Machholz 2004 Q2	R	300.0	6:56	+5:11	2.393			
0050708_039	Comet Machholz 2004 Q2	R	300.0	7:05	+5:21	2.582			
0050708_040	Comet Machholz 2004 Q2	R	300.0	7:14	+5:30	2.775			



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0050708_041	Comet Machholz 2004 Q2	R	600.0	7:22	+5:38	2.992			
0050708_042	10783 (1991 RB9)	R	600.0	7:40	-2:04	1.703			
0050708_043	10783 (1991 RB9)	V	600.0	7:53	-1:51	1.637			
0050708_044	10783 (1991 RB9)	R	600.0	8:06	-1:38	1.582			
0050708_045	10783 (1991 RB9)	V	600.0	8:21	-1:23	1.533			
0050708_046	10783 (1991 RB9)	R	600.0	8:36	-1:08	1.491			
0050708_047	Comet NEAT 2001 Q4	R	600.0	8:55	-5:29	1.944			
0050708_048	Comet NEAT 2001 Q4	R	600.0	9:08	-5:16	1.859			
0050708_049	Asteroid 55434 (2001 TZ66)	R	600.0	9:24	-0:48	1.410			
0050708_050	Asteroid 55434 (2001 TZ66)	V	600.0	9:37	-0:34	1.392			
0050708_051	Asteroid 55434 (2001 TZ66)	R	600.0	9:52	-0:20	1.380			
0050708_052	Comet NEAT 2001 Q4	R	600.0	10:24	-4:00	1.497			
0050708_053	Comet NEAT 2001 Q4	R	600.0	10:36	-3:47	1.453			
0050708_054	Asteroid 55434 (2001 TZ66)	R	600.0	10:53	+0:41	1.400			
0050708_055	Asteroid 55434 (2001 TZ66)	V	600.0	11:07	+0:55	1.420			
0050708_056	Asteroid 55434 (2001 TZ66)	R	600.0	11:21	+1:08	1.447			