

UT Date 02/03/05 Observers Samarasinha & Mueller Telescope 2.1m Scale CCD F3KB Gain 1.00Filters: 1_OH 2_UVC 3_CN 4_BC 5_C2 6_GC 7_RC 8_R Program

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nb0001	Bias	OH	0	22:16	+0:00	1.000			about 808 counts
nb0002	Bias	OH	0	22:20	+0:00	1.000			
nb0003	Bias	OH	0	22:21	+0:00	1.000			
nb0004	Bias	OH	0	22:23	+0:00	1.000			
nb0005	Bias	OH	0	22:24	+0:00	1.000			
nb0006	Bias	OH	0	22:26	+0:00	1.000			
nb0007	Bias	OH	0	22:27	+0:00	1.000			
nb0008	Bias	OH	0	22:29	+0:00	1.000			
nb0009	Bias	OH	0	22:30	+0:00	1.000			
nb0010	Bias	OH	0	22:32	+0:00	1.000			
nb0011	Dark	OH	0	22:34	+0:00	1.000			
nb0012	dflat RC	RC	30	23:13	+0:00	2.012			totally saturated
nb0013	dflat RC	RC	7	23:16	+0:00	2.012			still saturated
nb0014	dflat RC	RC	7	23:20	+0:00	2.012			flat field lamp @ 24 only 3000 counts
nb0015	dflat RC	RC	7	23:22	+0:00	2.012			flat field lamp @50 about 26000 counts
nb0016	dflat RC	RC	7	23:24	+0:00	2.012			
nb0017	dflat RC	RC	7	23:26	+0:00	2.012			
nb0018	dflat RC	RC	7	23:27	+0:00	2.012			
nb0019	dflat RC	RC	7	23:29	+0:00	2.012			
nb0020	dflat GC	GC	7	23:32	+0:00	2.012			24000 counts flat field lamp @50

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Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nb0021	dflat GC	GC	7	23:34	+0:00	2.012			
nb0022	dflat GC	GC	7	23:35	+0:00	2.012			
nb0023	dflat GC	GC	7	23:37	+0:00	2.012			
nb0024	dflat GC	GC	7	23:38	+0:00	2.012			
nb0025	dflat C2	C2	10	23:41	+0:00	2.012			about 7700counts
nb0026	dflat C2	C2	20	23:44	+0:00	2.012			12000 counts
nb0027	dflat C2	C2	20	23:46	+0:00	2.012			
nb0028	dflat C2	C2	20	23:48	+0:00	2.012			
nb0029	dflat C2	C2	20	23:50	+0:00	2.012			
nb0030	dflat C2	C2	20	23:51	+0:00	2.012			
nb0031	dflat BC	BC	30	23:54	+0:00	2.012			only 3500 counts flat field lamp @50
nb0032	dflat BC	BC	10	23:56	+0:00	2.012			about 5500 counts flat field lamp @max
nb0033	dflat BC	BC	30	23:59	+0:00	2.012			20000 counts
nb0034	dflat BC	BC	30	0:01	+0:00	2.012			
nb0035	dflat BC	BC	30	0:03	+0:00	2.012			
nb0036	dflat BC	BC	30	0:05	+0:00	2.012			
nb0037	dflat BC	BC	30	0:07	+0:00	2.012			
nb0038	dflat CN	CN	60	0:12	+0:00	2.012			6700 counts
nb0039	dflat CN	CN	120	0:15	+0:00	2.012			13000 counts
nb0040	dflat CN	CN	120	0:19	+0:00	2.012			



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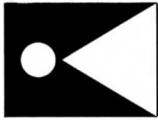
Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nb0041	dflat CN	CN	120	0:22	+0:00	2.012			
nb0042	dflat CN	CN	120	0:26	+0:00	2.012			
nb0043	dflat CN	CN	120	0:29	+0:00	2.012			
nb0044	focus	R	7	2:34	+0:16	1.002	20900	2.4	Temp -.3
nb0045	M31	R	120	2:57	+3:41	1.405	20770	2.4	
nb0046	M31	R	120	3:01	+3:45	1.424			
nb0047	M31	R	120	3:05	+3:49	1.441			
nb0048	M31	R	120	3:08	+3:52	1.458			
nb0049	M31	R	60	3:13	+3:57	1.482			
nb0050	M31	R	60	3:17	+4:01	1.503			
nb0051	HD72526	RC	20	3:29	-3:37	2.032	20950	2.7	
nb0052	HD72526	GC	20	3:32	-3:34	1.996			
nb0053	HD72526	C2	20	3:37	-3:29	1.944			
nb0054	HD72526	BC	20	3:39	-3:27	1.915			
nb0055	HD72526	CN	30	3:43	-3:23	1.882			
nb0056	HD72526	UVC	90	3:46	-3:20	1.852			
nb0057	HD72526	OH	300	3:50	-3:16	1.813			
nb0058	PG9018+029	R	45	4:01	-3:53	2.129	20800	2.6	
nb0059	Machholz RC	RC	180	4:15	+2:49	1.341			about 6000 counts
nb0060	Machholz CN	CN	300	4:21	+2:56	1.355			about 3000counts we can see structure



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Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nb0061	Machholz OH	OH	900	4:30	+3:05	1.373			1400 counts
nb0062	Machholz UVC	UVC	900	4:50	+3:24	1.418			1700 counts
nb0063	Machholz CN	CN	900	5:08	+3:43	1.467			6000 counts
nb0064	Machholz BC	BC	600	5:35	+4:09	1.549	20950		6000 counts
nb0065	Machholz C2	C2	900	5:47	+4:21	1.590	20950		28000counts
nb0066	Machholz GC	GC	600	6:06	+4:40	1.662			about 8600 counts
nb0067	Machholz CN	CN	900	6:20	+4:55	1.725			
nb0068	HD72526	RC	20	6:49	-0:16	1.186	21250	1.7	20000 counts
nb0069	HD72526	GC	20	6:53	-0:13	1.185	21300	1.8	focus a little worse 30000 counts
nb0070	HD72526	C2	10	6:56	-0:10	1.184	21200	1.9	focus worse 15000 counts
nb0071	HD72526	BC	10	6:58	-0:07	1.183	21250	1.7	20000 counts best focus
nb0072	HD72526	CN	20	7:01	-0:05	1.183	212500	1.9	12500
nb0073	HD72526	UVC	60	7:04	-0:02	1.183		1.8	20000 counts
nb0074	HD72526	OH	300	7:07	+0:01	1.183			12500
nb0075	PG9018+029	R	30	7:19	-0:35	1.159	21100	1.8	about 3000 counts focus not too good
nb0076	Tempel 1 R	R	900	7:28	-4:17	2.247	20900		
nb0077	Tempel 1 R	R	900	7:47	-3:58	1.975			<i>cal fields obtained 4/10 & 9/11</i>
nb0078	Tempel 1 R	R	900	8:04	-3:41	1.788			
nb0079	Tempel 1 R	R	900	8:21	-3:24	1.643			
nb0080	Tempel 1 GC	GC	900	8:48	-2:57	1.469	21050		910 counts



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Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nb0081	Tempel 1 C2	C2	900	9:05	-2:40	1.383			
nb0082	Tempel 1 BC	BC	900	9:21	-2:23	1.315			
nb0083	HD72526	RC	20	10:19	+3:13	1.787	21200	2.4	8000 counts
nb0084	HD72526	GC	30	10:22	+3:16	1.812		4.0	seeing flared? 8000 counts
nb0085	HD72526	C2	20	10:25	+3:19	1.841		3.1	12000 counts
nb0086	HD72526	BC	20	10:28	+3:22	1.865		4.0	6000 counts
nb0087	HD72526	CN	40	10:30	+3:24	1.889		3.7	6000 counts
nb0088	HD72526	UVC	90	10:32	+3:26	1.912		3.2	6000 counts
nb0089	HD72526	OH	450	10:36	+3:30	1.952		3.1	2000 counts
nb0090	PG9018+029	R	90	10:48	+2:54	1.563	21150	2.0	8000 counts
nb0091	Tempel 1 R	R	900	10:57	-0:48	1.109	21200		6000 counts
nb0092	Tempel 1 R	R	900	11:13	-0:31	1.096	21200		8500 counts
nb0093	Tempel 1 R	R	900	11:30	-0:14	1.088			8100 counts
nb0094	Tempel 1 R	R	900	11:48	+0:02	1.086			
nb0095	Tempel 1 R	R	900	12:05	+0:19	1.090			
nb0096	Tempel 1 field n3	R	180	12:25	+0:39	1.101	21200	2.1	
nb0097	Tempel 1 field n3	R	180	12:31	+0:45	1.106			
nb0098	HD120086	RC	10	12:46	+0:27	1.221	21350	1.5	15000 counts
nb0099	HD120086	GC	10	12:50	+0:31	1.224	21400	1.8	10000 counts focus better but seeing worse
nb0100	HD120086	C2	5	12:53	+0:33	1.226		1.5	20000 counts

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Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nb0101	HD120086	BC	10	12:55	+0:36	1.228		1.6	15000 counts
nb0102	HD120086	CN	10	12:57	+0:38	1.230		1.9	10000 counts
nb0103	HD120086	UVC	10	13:00	+0:40	1.232			6000 counts
nb0104	HD120086	OH	60	13:02	+0:43	1.235		1.9	10000 counts
nb0105	PG1323-086	R	30	13:13	+1:15	1.404	21200	2.1	
nb0106	focus	R	30	13:17	+1:24	1.428			focus test