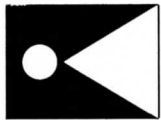


UT Date 02/04/05 Observers Samarasinha & Mueller Telescope 2.1m Scale _____ CCD F3KB Gain 1.00

Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

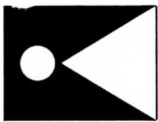
Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0001	Bia	R	0	22:22	-0:01	1.000			809 counts
nc0002	Bia	R	0	22:24	-0:01	1.000			
nc0003	Bia	R	0	22:25	-0:01	1.000			
nc0004	Bia	R	0	22:26	-0:01	1.000			
nc0005	Bia	R	0	22:28	-0:02	1.000			
nc0006	Bia	R	0	22:29	-0:01	1.000			
nc0007	Bia	R	0	22:31	-0:01	1.000			
nc0008	Bia	R	0	22:32	-0:01	1.000			
nc0009	Bia	R	0	22:34	-0:01	1.000			
nc0010	Bia	R	0	22:35	-0:01	1.000			
nc0011	Dark	R	0	22:43	-0:01	1.000			
nc0012	dflat OH	OH	1800	23:12	+0:00	2.012			
nc0013	dflat OH	OH	1800	23:44	+0:00	2.012			
nc0014	dflat OH	OH	1800	0:16	+0:00	2.012			
nc0015	dflat OH	OH	1800	0:48	+0:00	2.012			
nc0016	focus R	R	10	2:34	+0:11	1.178	20800	1.5	
nc0017	focus RC	RC	30	2:44	+0:23	1.183	20900	1.5	
nc0018	M31	R	120	3:05	+3:53	1.463	20700	1.5	
nc0019	M31	R	120	3:09	+3:57	1.484			
nc0020	M31	R	120	3:13	+4:00	1.502			



UT Date 02/04/05 Observers Samarasinha & Mueller Telescope 2.1m Scale _____ CCD F3KB Gain 1.00

Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0021	M31	R	120	3:16	+4:04	1.521			
nc0022	HD72526	RC	20	3:26	-3:36	2.021	20650	3.0	focus bad 7000 counts
nc0023	HD72526	GC	20	3:29	-3:33	1.990	20700	1.7	focus good 30000 counts
nc0024	HD72526	C2	7	3:31	-3:31	1.962		1.7	10000
nc0025	HD72526	BC	10	3:34	-3:28	1.935		2.2	10000 counts
nc0026	HD72526	CN	30	3:36	-3:26	1.911		2.3	10000 counts
nc0027	HD72526	UVC	90	3:38	-3:24	1.884		2.1	15000 counts
nc0028	HD72526	OH	300	3:42	-3:20	1.849			
nc0029	PG9018+029	R	90	3:51	-3:59	2.226	20550	2.5	focus bad
nc0030	Machholz CN	CN	900	4:03	+2:42	1.340	20800		
nc0031	Machholz UVC	UVC	900	4:27	+3:06	1.385			
nc0032	Machholz OH	OH	900	4:44	+3:23	1.424			<i>~500 counts above background</i>
nc0033	Machholz CN	CN	900	5:13	+3:52	1.501			
nc0034	Machholz BC	BC	600	5:32	+4:11	1.559			
nc0035	Machholz C2	C2	900	5:44	+4:23	1.600			
nc0036	Machholz CN	CN	900	6:02	+4:41	1.669			
nc0037	Machholz GC	GC	600	6:19	+4:59	1.741	20750		
nc0038	Machholz CN	CN	900	6:32	+5:11	1.801			
nc0039	Machholz BC	BC	600	6:50	+5:29	1.888			
nc0040	HD72526	RC	15	7:10	+0:08	1.183	21010	1.5	15000 counts good focus



UT Date 02/04/05 Observers Samarasinha & Mueller Telescope 2.1m Scale _____ CCD F3KB Gain 1.00

Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0041	HD72526	GC	15	7:13	+0:10	1.184		1.8	20000 counts
nc0042	HD72526	C2	7	7:15	+0:12	1.185		1.5	15000 counts
nc0043	HD72526	BC	7	7:17	+0:15	1.185		1.8	12000counts
nc0044	HD72526	CN	20	7:19	+0:17	1.186		1.9	12000counts
nc0045	HD72526	UVC	60	7:22	+0:19	1.187			
nc0046	HD72526	OH	240	7:25	+0:23	1.189			
nc0047	PG9018+029	R	45	7:38	-0:12	1.147	20900	1.5	15000counts
nc0048	Tempel 1 R	R	900	7:48	-3:54	1.933	20650		7000 counts
nc0049	Tempel 1 R	R	900	8:10	-3:32	1.709	20600		center looks a little weird. guider lock loss due to clouds?
nc0050	Tempel 1 R	R	900	8:27	-3:15	1.578			same remark as na0049
nc0051	Tempel 1 R	R	900	8:44	-2:58	1.474			same remark as na0049
nc0052	Tempel 1 GC	GC	900	9:10	-2:32	1.348	20850		lost guiderstar usless, clouds moved in
nc0053	Tempel 1 R	R	900	11:32	-0:09	1.087	20900		8000 counts
nc0054	Tempel 1 R	R	900	12:06	+0:24	1.092	21000		
nc0055	Tempel 1 R	R	339	12:26	+0:44	1.105			had to stop exposure as guide star vanished due to clouds

cal field attained 4/9