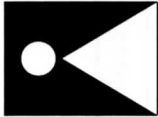
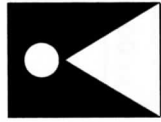
UT Date 06/06/05 Observers Mueller Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

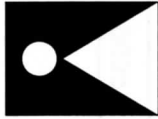
Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0001	Dark	R	0	21:45	-0:00	1.000			
nc0002	Dark	R	0	22:17	-0:00	1.000			
nc0003	Bias	R	0	22:49	+0:00	1.000			820 counts
nc0004	Bias	R	0	22:51	-0:00	1.000			
nc0005	Bias	R	0	22:52	+0:00	1.000			
nc0006	Bias	R	0	22:54	-0:00	1.000			
nc0007	Bias	R	0	22:55	-0:00	1.000			
nc0008	Bias	R	0	22:57	-0:00	1.000			
nc0009	Bias	R	0	22:58	-0:00	1.000			
nc0010	Bias	R	0	23:00	-0:00	1.000			
nc0011	Bias	R	0	23:01	-0:00	1.000			
nc0012	Bias	R	0	23:02	-0:00	1.000			
nc0013	d-flat R	R	50	23:08	+0:00	2.012			low lamp @max, 27k
nc0014	d-flat R	R	50	23:11	+0:00	2.012			
nc0015	d-flat R	R	50	23:13	+0:00	2.012			
nc0016	d-flat R	R	50	23:15	+0:00	2.012			
nc0017	d-flat R	R	50	23:17	+0:00	2.012			
nc0018	d-flat R	R	50	23:20	+0:00	2.012			
nc0019	d-flat R	R	50	23:22	+0:00	2.012			
nc0020	d-flat R	R	50	23:24	+0:00	2.012			

UT Date 06/06/05 Observers Mueller Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

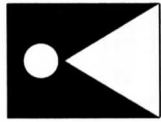
Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0021	d-flat R	R	50	23:27	+0:00	2.012			
nc0022	d-flat R	R	50	23:29	+0:00	2.012			
nc0023	d-flat CN	CN	120	23:32	+0:00	2.012			high lamp @max, 13k
nc0024	d-flat CN	CN	120	23:35	+0:00	2.012			
nc0025	d-flat CN	CN	120	23:39	+0:00	2.012			
nc0026	d-flat CN	CN	120	23:42	+0:00	2.012			
nc0027	d-flat CN	CN	120	23:46	+0:00	2.012			
nc0028	d-flat CN	CN	120	23:49	+0:00	2.012			
nc0029	d-flat CN	CN	120	23:53	+0:00	2.012			inadv. paused for 1 sec
nc0030	d-flat CN	CN	120	23:56	+0:00	2.012			
nc0031	d-flat CN	CN	120	0:00	+0:00	2.012			
nc0032	d-flat CN	CN	120	0:03	+0:00	2.012			
nc0033	d-flat GC	GC	10	0:07	+0:00	2.012			high lamp @max, 20k
nc0034	d-flat GC	GC	10	0:09	+0:00	2.012			
nc0035	d-flat GC	GC	10	0:10	+0:00	2.012			
nc0036	d-flat GC	GC	10	0:12	+0:00	2.012			
nc0037	d-flat GC	GC	10	0:14	+0:00	2.012			
nc0038	d-flat GC	GC	10	0:15	+0:00	2.012			
nc0039	d-flat GC	GC	10	0:17	+0:00	2.012			
nc0040	d-flat GC	GC	10	0:18	+0:00	2.012			

UT Date 06/06/05 Observers Mueller Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

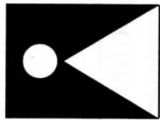
Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0041	d-flat GC	GC	10	0:20	+0:00	2.012			
nc0042	d-flat GC	GC	10	0:22	+0:00	2.012			
nc0043	Dome Flat OH	OH	1800	0:24	+0:00	2.012			high lamp @max, 9k
nc0044	Dome Flat OH	OH	1800	0:55	+0:00	2.012			
nc0045	d-flat BC	BC	30	1:27	+0:00	2.012			high lamp @max, 18k
nc0046	d-flat BC	BC	30	1:30	+0:00	2.012			
nc0047	d-flat BC	BC	30	1:32	+0:00	2.012			
nc0048	d-flat BC	BC	30	1:33	+0:00	2.012			
nc0049	d-flat BC	BC	30	1:35	+0:00	2.012			
nc0050	d-flat BC	BC	30	1:37	+0:00	2.012			
nc0051	d-flat BC	BC	30	1:39	+0:00	2.012			
nc0052	d-flat BC	BC	30	1:41	+0:00	2.012			
nc0053	d-flat BC	BC	30	1:43	+0:00	2.012			
nc0054	d-flat BC	BC	30	1:45	+0:00	2.012			
nc0055	d-flat C2	C2	30	1:48	+0:00	2.012			high lamp @50, 16k
nc0056	d-flat C2	C2	30	1:50	+0:00	2.012			
nc0057	d-flat C2	C2	30	1:52	+0:00	2.012			
nc0058	d-flat C2	C2	30	1:54	+0:00	2.012			
nc0059	d-flat C2	C2	30	1:56	+0:00	2.012			
nc0060	d-flat C2	C2	30	1:58	+0:00	2.012			

UT Date 06/06/05 Observers Mueller Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30Filters: 1 OH 2 UVC 3 CN 4 BC 5 C2 6 GC 7 RC 8 R Program _____

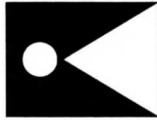
Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
nc0061	d-flat C2	C2	30	2:00	+0:00	2.012			
nc0062	d-flat C2	C2	30	2:02	+0:00	2.012			
nc0063	d-flat C2	C2	30	2:04	+0:00	2.012			
nc0064	d-flat C2	C2	30	2:06	+0:00	2.012			
nc0065	focus	BC	5	2:59	+0:06	1.008			went through focus but star is saturated
nc0066	focus	CN	10	3:08	+0:15	1.009	20550	1.1	for HB filters
nc0067	SA 104-443	R	20	3:25	+0:14	1.187	20450	1.2	3k
nc0068	SA 104-443	R	60	3:28	+0:17	1.188			10k
nc0069	Machholz R	R	600	3:39	+0:21	1.022	20430		32k
nc0070	Machholz CN	CN	900	3:53	+0:35	1.027	20530		seeing all over the place
nc0071	Machholz R	R	600	4:13	+0:55	1.038			22k
nc0072	Tempel 1 R	R	600	4:30	+1:02	1.206	20420		30k
nc0073	Tempel 1 CN	CN	900	4:43	+1:15	1.226	20520		1010 counts
nc0074	Tempel 1 BC	BC	900	5:00	+1:32	1.261			3020 counts
nc0075	Tempel 1 R	R	600	5:21	+1:53	1.317	20425		26k
nc0076	Tempel 1 C2	C2	900	5:34	+2:06	1.362	20500		2390 counts
nc0077	Tempel 1 GC	GC	900	5:52	+2:24	1.433			
nc0078	Tempel 1 R	R	600	6:13	+2:45	1.543	20450		33k
nc0079	Tempel 1 CN	CN	900	6:27	+2:59	1.629			
nc0080	Tempel 1 BC	BC	900	6:44	+3:16	1.766			

UT Date 06/06/05 Observers Mueller Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30Filters: 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
nc0081	Tempel 1 R	R	600	7:03	+3:35	1.952	20425		18k
nc0082	Tempel 1 C2	C2	900	7:15	+3:47	2.103			
nc0083	PG 1323-086	R	20	7:36	+3:42	2.560	20423	3.1	
nc0084	PG 1323-086	R	90	7:40	+3:47	2.647		1.8	15k
nc0085	Machholz R	R	900	7:50	+4:33	1.692	20405		30k
nc0086	Machholz CN	CN	900	8:08	+4:51	1.835	20520		990 counts
nc0087	Machholz R	R	900	8:25	+5:08	2.001			
nc0088	PG 1525-071	R	20	8:48	+2:52	1.830	20470	1.7	
nc0089	PG 1525-071	R	30	8:51	+2:55	1.855			
nc0090	PG 1525-071	R	30	8:54	+2:58	1.879			
nc0091	PG 1633+099	R	30	9:05	+2:02	1.235			
nc0092	PG 1633+099	R	30	9:09	+2:06	1.248			
nc0093	HD129956	CN	5	9:14	+4:01	2.351	20700	2.5	10k
nc0094	HD129956	BC	5	9:17	+4:03	2.391			25k
nc0095	HD129956	GC	5	9:19	+4:06	2.434			
nc0096	HD129956	C2	5	9:21	+4:08	2.477			
nc0097	HD170783	CN	20	9:27	+0:28	1.134	20750	2.1	15k
nc0098	HD170783	BC	20	9:30	+0:31	1.136		2.2	20k
nc0099	HD170783	GC	15	9:33	+0:34	1.138		1.9	20k
nc0100	HD170783	C2	8	9:35	+0:36	1.139		2.2	20k

UT Date 06/06/05 Observers Mueller Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30Filters: 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
nc0101	HD149363	CN	20	9:42	+2:40	1.699	20610	2.4	10k, bad focus
nc0102	HD149363	BC	15	9:45	+2:43	1.721	20515		really out of focus
nc0103	HD149363	BC	15	9:48	+2:46	1.743	20715	2.1	15k, great focus
nc0104	HD149363	GC	15	9:51	+2:49	1.762		2.7	8k
nc0105	HD149363	C2	15	9:53	+2:51	1.783		3.8	8k
nc0106	HD149363	C2	15	9:57	+2:55	1.812	20790	3.0	seeing flaring
nc0107	M31 - field 1	R	120	10:08	-5:01	1.960	20515	2.3	focus ok
nc0108	M31 - field 1	R	120	10:13	-4:57	1.915		2.2	
nc0109	M31 - field 1	R	120	10:16	-4:53	1.881		2.4	
nc0110	M31 - field 1	R	120	10:20	-4:50	1.850			
nc0111	M31 - field 2	R	120	10:26	-4:43	1.793			guide error
nc0112	M31 - field 2	R	120	10:32	-4:37	1.744	20520	2.2	focus ok
nc0113	M31 - field 2	R	120	10:36	-4:33	1.714			
nc0114	M31 - field 2	R	120	10:39	-4:30	1.688			
nc0115	M31 - field 2	R	120	10:44	-4:25	1.651			
nc0116	2001 Q4 NEAT	R	600	10:52	-5:22	1.920			comet might be on star
nc0117	2001 Q4 NEAT	R	600	11:06	-5:09	1.829			comet on star
nc0118	2001 Q4 NEAT	R	600	11:18	-4:57	1.754			prob. bad focus
nc0119	HD219188	C2	5	11:34	-2:06	1.307	20705	2.7	15k, focus not great 15k
nc0120	HD219188	GC	10	11:37	-2:04	1.298	20750	2.2	20k, focus better



UT Date 06/06/05 Observers Mue1ler Telescope 2.1m Scale 0.19 CCD F3KB Gain 2.30

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
nc0121	HD219188	BC	15	11:39	-2:01	1.289		40k	
nc0122	HD219188	CN	20	11:42	-1:59	1.282		2.3 30k	