

UT Date	2005 JULY 2	University of Maryland / Kitt Peak National Observatory		Weather, Moon, Notes	
Page #	1 / 3	Observing Log		to some clouds @ sunset	
Night #	1	CCD Characteristics		hazy down low.	
Telescope	KPNO 4M	GAIN: 3 e/ADU		problem: lost ~1 hr due to need	
Observer	FARNHAM, LI	READ NOISE: 6e- N		to tape edge of the filter mounts	
Assistant	ED	LINEAR TO: 20K		to check light leaks.	
Inst. / CCD	MOJAIE	READ TIME: 156 sec			
		Pixel Scale			
		0.26"			

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	COUNTS IN CCD	Comments
1-7	DOME FLAT R	:: ::	:: ::		:: ::		12	R	LOW LAMP @ 53V 12K	
8-29	BIAS	only saved first 10			:: ::				2510	
30-34	DOME FLAT RC	:: ::	:: ::		:: ::		12	RC	HIGH LAMP @ 20V	
35-40	DOME FLAT BC X	:: ::	:: ::		:: ::		5	BC	HIGH LAMP @ 53V	BOTTOM CHIPS BAD! LIGHT LEAK?
41-45	DOME FLAT GC	NOT SAVED!			:: ::		10	GC	HIGH LAMP @ 35	
46-50	DOME FLAT C2	:: ::	:: ::		:: ::		6	C2	"	
51-54	DOME FLAT C3 X	:: ::	:: ::		:: ::		10	C3	~13K HIGH LAMP @ 53V	BOTTOM CHIPS BAD! LIGHT LEAK?
52-56	DOME FLAT CN X	:: ::	:: ::		:: ::		15	CN	~10K	" " " "
57	DOME FLAT CN	:: ::	:: ::		:: ::		15	CN	~10K	part tape over edge of filter
58	DOME FLAT BC	:: ::	:: ::		:: ::		5	BC	~14K	all filters
59	DOME FLAT C3	:: ::	never used		:: ::		10	C3	~	
60	Focus	NOT SAVED	:: ::		:: ::		9x10	R	TRASS TEMP 23.4	100 obj movement
61	"	:: ::	:: ::		:: ::		"	R	Best @ 10500	4 py fwhm = 1"
62	"	NOT SAVED	:: ::		:: ::		9x20	BC	MISSED FOCUS	
63	"	NOT SAVED	:: ::		:: ::		"	"	"	

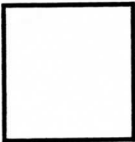
UT Date	2005 JULY 2	University of Maryland / Kitt Peak National Observatory		Weather, Moon, Notes
Page #	2 1 3	Observing Log		Clear to the west? NO
Night #	1	CCD Characteristics		NARROWBAND FILTER OFFSET
Telescope	KPNO 4m	Gain: 3 E/ADM	Pixel Scale	15 - 1300 FROM R VALUE
Observer	FARNHAM, LI	READ NOISE: 6e ⁻ N		
Assistant	ED	LINEAR TO: 20K		
Inst. / CCD	MOSAIC	READ TIME: 156 sec	E	

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	FOCUS	Comments
64	FOCUS	:	:		:		9x20	BC	Bot @ 11800	3.3 pix
65	COMET TEMPEL 1	13:33:55	-6:50:29	2000	5:30:35	2.2	300	R	10500	
66	"	:	:		5:49:13	2.3	300	R	10500	cloud, & STOPPED
67	"	:	:		6:00:23	2.521	300	R	"	"
68	"	:	:		6:30:		300	R		
69	"	:	:		6:38:					clouds
70-73	M31	0:42:38	41:14:00	2000	7:42:	2.5	120	R		
74	M31	:	:		:		60	R		
75	FOCUS CHECK	NOT SAVED	:		:		9x10	R	Boat @ 10500	
76	COMET NEAT 2001 Q4	2:02:09	59:46:23	2000	9:09:34	1.994	600	R	10500	
77	"	:	:		:		600	R		
78	"	:	:		:		600	R		
79	"	:	:		:		600	R		
80	"	:	:		10:15:21	1.613	900	CN	11800	
81	ASTEROID 55434	21:53:07	-11:11:27	2000	10:45:49	1.370	600	R	10500	sm chip #2

9 RC 10 CO7

NOT SAVED

2001 TZ66

UT Date	2005 July 2		University of Maryland / Kitt Peak National Observatory Observing Log		Weather, Moon, Notes
Page #	3	13			CCD Characteristics GAIN: 3e1/ADU READ NOISE: 6e- LINEAR TO: 20K READ TIME: 156 sec
Night #	1		Filters		
Telescope	KPNO 4 m		1: V	5: CN	
Observer	FARNHAM, L I		2: R	6: C3	
Assistant	ED		3: OH	7: BC	
Inst. / CCD	MOSAIC		4: UC	8: C2	E

Clear?
Some clouds around at twilight

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Lamp in CCD 2	Comments
82	ASTEROID 55434 ^{2001 TL66}	21:53:07	-11:11:27	2000	10:59:45	1.377	600	R		
83	"	:	:		:		600	R		
84-88	DOME FLAT CN	:	:		:		20	CN	10K	HIGH LAMP @ 53V
89-93	DOME FLAT BC	:	:		:		5	BC	14K	"
94-98	DOME FLAT GC	:	:		:		10	GC	10K	HIGH LAMP @ 33V
99-103	DOME FLAT C2	:	:		:		6	C2	10K	"
		:	:		:					
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9 RC 10 COT