

UT Date 5/15/05	University of Maryland / Kitt Peak National Observatory				Weather, Moon, Notes
Page # 1 / 3	Observing Log				1st quarter moon
Night # 2	CCD Characteristics				partially cloudy - thin cirrus overhead, thicker clouds around horizon
Telescope KPN0 2.1m	Filters		Pixel Scale		
Observer Somnathra, Knight	1 : OH	5 C2	0.19		
Assistant	2 UV	6 GC	GAIN: 2.30		
Inst. / CCD	3 CN	7 RC	READ NOISE:		
	4 BC	8 R	LINEAR TO:		
			READ TIME:		
			<div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>		

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Seeing	Focus	Comments
1-10	bias	:	:	:	21:58:		0				820 counts
11	dark	:	:	:	22:27:		1800				826 counts
12-16	dome flat - R	:	:	:	23:38:		50	R			low lamp @ max, 27k
17-21	dome flat - RC	:	:	:	23:57:		7	RC			hi lamp @ 50, 22k
22-26	dome flat - C2	:	:	:	0:09:		30	C2			" , 17k
27	dome flat - OH	:	:	:	0:23:		1800	OH			hi lamp @ max, 9k
28-32	dome flat - GC	:	:	:	1:20:		10	GC			" , 18k
33-37	dome flat - BC	:	:	:	1:37:		30	BC			" , 18k
38-42	dome flat - CN	:	:	:	1:50:		120	CN			" , 12k
<del>43</del>	<del>dome flat - OH</del>	:	:	:	<del>2:56:</del>		<del>1800</del>	<del>OH</del>			"
43	focus - R	:	:	:	3:54:	1.082	10	R	1.4	20450	
44	Machholz <del>2</del>	12:26:48	53:47:55		4:06:	1.078	900	CN		20550	circus clouds
45	"	:	:	:	4:27:	1.077	900	BC		"	
46	"	:	:	:	4:45:	1.080	300	R		20450	
47	"	:	:	:	4:52:	1.082	900	C2		20550	

University of Maryland / Kitt Peak National Observatory		Weather, Moon, Notes	
UT Date	5/15/05		
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Night #	2		
Telescope	KPNO 21M	Pixel Scale	
Observer	Samarasinha Knight	CCD Characteristics	
Assistant		GAIN: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span>	
Inst. / CCD	f3kb	READ NOISE:	
		LINEAR TD:	
		READ TIME:	

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Seeing	Focus	Comments
48	Machholz	12:26:48	53:47:55		5:19:	1.095	900	GC		20550	some tracking turned off - may be vignetting
49	"	:	:		5:35:	1.108	900	GC		"	reducing rate of vignetting
50	"	:	:		5:54:	1.126	900	CN		"	
51	Tempel	12:51:59	8:24:11		6:18:	1.176	300	R		20450	still cirrus clouds, but better
52	"	:	:		6:28:	1.197	900	CN		20550	
53	"	:	:		6:45:	1.241	900	BC		"	
54	"	:	:		7:03:	1.296	300	R		20450	
55	Machholz	12:26:56	53:43:47		7:12:	1.258	900	CN		20550	still thin clouds
56	"	:	:		7:31:	1.305	900	BC		"	
57	"	:	:		7:48:	1.360	300	R		20450	guide star may be too close
58	Tempel	12:51:58	8:23:30		8:06:	1.621	300	R		"	
<del>58</del>	"	:	:		8:13:	1.675	900	CN		20550	guide star lost signal - deleted
59	"	:	:		8:27:	1.808	900	CN		"	
60	"	:	:		8:45:	2.003	900	BC		"	
61	"	:	:		9:02:	2.257	300	R		20450	

