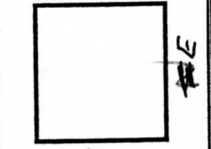


UT Date	2005, July 7		University of Maryland / Kitt Peak National Observatory				Weather, Moon, Notes	
Page #	1 15		Observing Log				Photometric hazy to horizon Sunset @ 2:35	
Night #	6		CCD Characteristics				Pixel Scale	
Telescope	EPND 4-M		GAIN: 30/ADU				0.26"	
Observer	FARNHAM, LI		READ NOISE: 6e- N					
Assistant	HAL HALBERTAL		LINEAR TO: 20K					
Inst. / CCD	MOSAIC		READ TIME: 15652				E	

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Comments
1-2	DOME FLAT V	:	:		:		12	V	Low lamp @ 53V 11K CTS.
3-4	DOME FLAT R	:	:		:		12	R	" " 11K
5-6	DOME FLAT CN	:	:		:		20	CN	High Lamp @ 53V
7-8	DOME FLAT BC	:	:		:		5	BC	" " 13K
9-10	DOME FLAT C2	:	:		:		6	C2	High Lamp @ 53V 9K
11-12	DOME FLAT GC	:	:		:		10	GC	" " 10K
13-17	Bias	:	:		:				DEWAR STARTED WARNING UP @ SUNSET
18	FOCUS	:	:		:		9x20	BC	
19	FOCUS	:	:		:		9x10	R	11800 5.06 pix = 1.3" -10450 3.54 pix = 0.92"
20	Comet Tempel 1	13:42:53	-10:46:46	2000	3:53:51	1.542	120	R	
21	"	:	:		3:59:25	1.546	"	"	NOT drifting, comet trailing
22	"	:	:		4:04:55	1.587	600	CN	X Aborted because comet trailing
23	"	:	:		4:27:16	1.703	120	R	
24	"	:	:		4:32:05	1.733	120	"	scattered
24	"	:	:		4:37:04	1.766	600	CN	X Telescope crashed, aborted

UT Date	2005, July 7	University of Maryland / Kitt Peak National Observatory		Weather, Moon, Notes
Page #	2 / 5	Observing Log		
Night #	6	CCD Characteristics		Pixel Scale
Telescope	KPNO 4-M	GAIN: 30/ADU		0.26"
Observer	FARMHAM, LI	READ NOISE: 6e- N		
Assistant	HAL HALBERDEL	LINEAR TO: 20K		
Inst. / CCD	MOSAIC	READ TIME: 156x0		



Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Comments
24	COMET TEMPEL 1	13:42:52	-10:46:46	2000	4:45:22	1.827	600	CN	
25	"	:	:	"	4:58:17	1.934	600	BC	
26	"	:	:	"	5:13:10	2.087	120	R	Close to edge.
27	"	:	:	"	5:30:09	2.306	90	R	close to edge
28	"	:	:	"	5:36:28	2.409	90	R	
29	"	:	:	"	5:42:22	2.511	600	CN	
30	"	:	:	"	5:55:20	2.781	600	BC	
31	"	:	:	"	6:08:58	3.149	120	R	
32	"	:	:	"	6:13:54	3.310	90	R	
33	"	:	:	"	6:18:28	3.477	120	R	
34	Comet Boethin	14:50:34	-20:54:43	2000	6:26:05	2.872	900	R	
35	"	:	:	"	6:43:48	3.314	"	"	LAST FRAMING @ 811.7 sec
36	Asteroid 10783	21:24:02	-13:00:32	"	7:09:30	1.938	900	R	WDRON RATES!
37	"	:	:	"	7:27:17	1.801	"	"	NOT SAVED
38	PG1525-071	15:28:11	-7:16:32	2000	8:00:43	3.012	5	R	offset not applied.

9. RC. 1000'

UT Date	2005 July 7	University of Maryland / Kitt Peak National Observatory		Weather, Moon, Notes
Page #	3 / 15	Observing Log		
Night #	6	CCD Characteristics		Pixel Scale
Telescope	KPND 4-M	GAIN: 30 / ADU		0.26"
Observer	PARHAM, LI	READ NOISE: 6e ⁻		
Assistant	HAL HALBEDEL	LINEAR TO: 20K		
Inst. / CCD	MDSAC	READ TIME: 156 SEC.		E

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Comments
39	PG 1525-071	15:28:11	-7:16:32	2000	8:04:27	3.14	5	R	
40	"	:	:	"	8:08:40	3.283	"	"	
41	"	:	:	"	8:11:55	3.404	"	"	Why not take some V??
42	"	:	:	"	8:14:49	3.518	"	"	
43	"	:	:	"	8:17:50	3.646	"	"	3.384 = 0.86"
44	Asteroid 55434	21:51:47	-11:19:18	2000	8:24:30	1.58	10	R	check focus. X Not Saved
44	Asteroid 55434	21:51:47	-11:19:18	2000	8:29:16	1.565	600	R	
45	HD 149363	16:34:05	-6:12:19	2000	8:43:03	2.402	2	BC	defocused @ -11:200
46	"	:	:	"	8:46:15	2.460	1.5	C2	" peak
47	"	:	:	"	8:49:22	2.510	2	BC	"
48	"	:	:	"	8:52:18	2.579	2	CN	"
49	Laudolt 112-805	20:42:24	0:11:41	2000	8:56:06	1.177	2	R	Saturated
50	"	:	:	"	9:00:23	1.176	1	R	defocused @ -10900
51	"	:	:	"	9:03:26	1.176	1	R	defocused @ -11000
52	"	:	:	"	9:06:24	1.176	1	V	"

9. RC 12.007

UT Date	2005 July 7				University of Maryland / Kitt Peak National Observatory Observing Log				Weather, Moon, Notes			
Page #	4 15											
Night #	6				CCD Characteristics GAIN: 32/ADU READ NOISE: 6e- LINEAR TO: 20k READ TIME: 156µs				Pixel Scale 0.26"			
Telescope	KPND 4-M											
Observer	PARNHAM, L				Filters				Exp.			
Assistant	PARL HAL HALL											
Inst. / CCD	MO SAIC				1 : V 2 : R 3 : OH 4 : UC				5 : CN 6 : C3 7 : BC 8 : C2			

Frame #	Object	R.A.	Dec.	Epoch	Start UT	Airmass	Exp.	Filter	Comments
53	Landolt 112-805	20:42:24	0:11:41	2000	9:09:20	1.176	1	V	
54	HD 149363	16:34:05	-6:12:19	2000	9:12:53	3.106	2	GC	defocused (0.21222)
55	"	:	:	"	9:16:56	3.206	1.5	C2	"
56	"	:	:	"	9:19:06	3.316	2	BC	"
57	"	:	:	"	9:22:05	3.428	2	CN	"
58	Asteroid 55434	21:51:47	-11:19:18	2000	9:29:18	1.406	600	R	
59	"	:	:	"	:	:	600	V	
60	"	:	:	"	9:55:35	1.379	600	R	
61	Landolt 109-954	:	:	2000	10:09:10	2.363	2	R	
62	"	:	:	"	10:13:03	2.434	2	V	
63	"	:	:	"	:	:	2	R	
64	"	:	:	"	10:19:32	2.565	2	V	
65	Asteroid 55434	21:54:47	-11:19:18	2000	10:23:30	1.373	600	R	
66	"	:	:	"	10:36:27	1.378	600	V	
67	"	:	:	"	10:49:34	1.388	600	R	

