

Moon @ 23° 41' + 0° 34' - 12/28/95 U1, UH, P1000

Weather forecast is for increasing clouds tonight - Clear at sunset. Cirrus moved in during night but clear at dawn.

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>T Lappin</u>			Grating: <u>300L, 3" slit</u>		Page: <u>4210</u>	
PI: <u>Geller/Koranyi/Kirshner/Wilkes</u>			Date: <u>12/27/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					bin by 4
11-20	BIAS					bin by 2
21-30	FLAT				6.5	bin by 2
31-40	FLAT				6.5	bin by 4
41-45	sky	Zenith			2.5	@ 5:40pm, T=49°, H=49%
46	comp			↑		
47-51	sky	Zenith			10.5	bin by 2 @ 5:50pm
52	comp			↑		bin by 2
53	} Deleted these files					
54						
55						
56	Mr K 335	00:03:45.1	19:55:27	6	1m	bin by 4 ↓
57	comp			↑		
58	523.058428	23:55:05.26	+12:48:10.8	3	15m	bright sky - moonlight
59	comp					
60	awm 7-2.044	02:52:25.90	+41:53:00.89	3.5	15m	
61	comp			↑		
62	awm 7-2.047	02:52:42.00	+41:48:46.60	3.5	15m	
63	comp			↑		
64	awm 7-2.087	02:54:20.50	+41:25:33.20	3.5	20m	only faint object nearby
65	comp			↑		
66	awm 7-2.130	02:55:37.60	+42:02:07.30	3.5	20m	
67	comp			↑		
68	awm 7-2.118	02:55:06.00	+41:44:00.38	3.5	20m	
69	comp			↑		bin by 4 ↑
70	U31515N	04:45:21.24	+11:04:02.5	2	20m	bin by 2 ↓
71	comp			↑		
72	U31515N	04:45:21.24	+11:04:02.5	2	20m	
73	comp			↑		
74	U31515N	04:45:21.24	+11:04:02.5	2	20m	↓

main 9.08
gain 1.19

60 Inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4211</u>	
Observer: <u>T Lappin</u>				Grating: <u>300λ/3" slit</u>		Date: <u>12/27/95</u>	
PI: <u>Kirshner/Koranyi/Huchra/Wilkos</u>							
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
75	comp			↑		↑	
76	Hiltner 600	06:42:37.2	02:11:25	0	1m		
77	comp			↑		bin by 2	
78	2wm7-2.122	02:55:14.10	+41:41:51.79	35	15m	bin by 4	
79	comp			↑			
82	2wm7-2.123	02:55:16.60	+41:20:20.57	35	15m	↓ cirrus moving in from west	
83	comp			↑			
84	2wm7-2.122	02:55:14.10	+41:41:51.79	35	15m	repeated since I messed up!	
85	comp			↑			
86	2wm7-2.128	02:55:32.50	+41:29:51.30	35	15m		
87	comp			↑			
88	07272 p 2435	07:27:12.00	+24:35:00	1	10m		
89	comp			↑			
90	07286 p 3039	07:28:36.00	+30:39:00	1	10m	2 objects on chart - this is the one to the West	
91	comp			↑			
92	07290 p 3159	07:29:00.00	+31:59:00	1	10m	2 vsp in slit	
93	comp			↑			
94	07293 p 2713	07:29:18.00	+27:13:00	1	13m		
95	comp			↑			
96	07313 p 3035	07:31:18.00	+30:35:00	1	20m	hand guided, cirrus in center, guide star lost. RED	
97	comp			↑			
		→ Cirrus getting thicker in this part of sky					
98	Feige 34	10:36:41.2	+43:21:50	0	1m		
99	comp			↑			
100	N 3079	09:58:34.8	+55:55:24	0	2m		
101	comp			↑			
102	Mrk 421	11:01:40.6	+38:28:43	6	5m		
103	comp			↑			
104	315.005225	09:55:29.97	+26:39:14.7	3	15m	guide star disappears @ times	
105	comp			↑			

accidentally
deleted

60 inch Telescope Log

Observer: T LappinPI: Geller/WilkesSpectrograph: FASTGrating: 3002, 3" slitPage: 4212Date: 12/27/95

Number	Object	R. A.	Dec.	L/R	Exp	Comments
106	315.007549	09:59:23.28	+26:54:42.8	3	10m	
107	comp			↑		
108	315.008419	10:00:39.66	+27:00:09.1	3	15m	
109	comp			↑		
110	315.012267	09:55:48.02	+27:22:11.2	3	10m	nothing to guide on
111	comp			↑		
112	N4151	12:08:01.1	+39:41:01	6	30s	
113	comp			↑		
114	315.012598	10:00:13.25	+27:24:49.6	3	15m	
115	comp			↑		
116	315.013451	09:58:14.19	+27:29:42.7	3	15m	redo - not long enough? hand guided, star on S edge of slit
117	comp			↑		
118	315.013552	10:13:25.68	+27:29:38.2	3	20m	hand guided
119	comp			↑		
120	315.016037	10:18:57.54	+27:41:38.7	3	20m	
121	comp			↑		
122	315.017605	10:01:29.27	+27:53:18.7	3	20m	2 dyds on slit
123	comp			↑		
124	N5548	14:15:43.5	+25:22:01	6	?m	
125	comp			↑		
126-135	FLAT				6s	binby 2
136-145	FLAT				6s	binby 4
146-155	BIAS					bin by 2
156-165	BIAS					bin by 4