

60 inch Telescope Log			Spectrograph: FAST			
Observer: <u>T Lappin</u>			Grating: <u>300Å, 3" slit</u>		Page: <u>4207</u>	
PI: <u>Goodman/Koranyi</u>			Date: <u>12/26/95</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				6s	bin by 2
31-40	FLAT				6s	bin by 4
41-45	SKY	Zenith			2s	bin by 2 - clouds, ~5:40pm
46	comp			↑		
47-51	SKY	Zenith			2s	bin by 4 - clouds, ~5:40pm
52	comp			↑		
53	N7331	22:34:46.9	+34:09:43		2m	bin by 4
54	comp			↑		
55	MrK 335	00:03:45.1	+19:53:27		1m	
56	comp			↑		
	clouds getting thicker - can't see many stars in guide camera					
	clear to North + east - thin clouds overhead - try some stars					
57	012008	04:21:29.2	+22:36:46	37	10m	alternate star
58	comp			↑		
59	022016	04:21:21.2	+23:05:06	37	8m	
60	comp			↑		
61	022017	04:21:24.7	+23:00:34	37	10m	
62	022018	04:21:06	+22:57:20	37	8m	
63	comp			↓		
64	022019	04:21:23.6	+22:51:26	37	8m	
65	2wm7-2.059	02:53:19.10	+41:45:21.60	35	20m	much clearer now
66	comp			↑		
67	2wm7-2.082	02:54:11.80	+40:58:46.12	35	20m	
68	comp					
69	2wm7-2.167	02:59:19.30	+42:01:13.91	35	17m	
70	comp			↑		
71	2wm7-2.168	02:59:22.30	+41:42:20.41	35	20m	galaxy not visible in tv
72	comp			↑		

8.96

1.17

60 inch Telescope Log

Observer: T LappinPI: Huchra / GellerSpectrograph: FASTGrating: 300L, 3" slitPage: 4208Date: 12/26/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
73	0637p21	06:37:58.8	+21:29:12		10m	star to West in slit
74	comp			↑		
75	0630p24	06:30:27.8	+24:24:30		10m	
76	comp					
77	0642p14a	06:42:29.6	+14:23:23		8m	(file is "unnamed")
78	comp			↑		
79	0652p19	06:52:13.8	+19:55:36		20m	
80	comp			↑		
81	0657p10	06:57:58.6	+10:40:52		10m	
82	comp			↑		
83	0659p00	06:59:50.8	+00:01:42		30s	doublet?, bright one
84	0659p00	06:59:50.8	+00:01:42		5m	fainter one - the galaxy?
85	comp			↑		
86	0700p13	07:00:09.4	+13:36:29		8m	
87	comp			↑		
88	0700p01	07:00:55.8	+01:21:29		10m	faint star v. close - South
89	comp			↑		
90	0701p13	07:01:01.8	+13:20:03		10m	star near slit
91	comp			↑		
92	0702p13	07:02:06.2	+13:37:26		10m	
93	comp			↓		
94	0702p14	07:02:09.5	+14:21:26		10m	no comp - use 93
95	0702p17a	07:02:39.6	+17:45:15		15m	use comp 97
96	0702p17b	07:02:48.1	+17:45:50		15m	
97	comp			↑		
98	313.086157	09:21:10.67	+31:23:13.3	3	10m	
99	comp			↑		
100	313.089029	09:08:37.22	+31:34:21.4	3	15m	
101	comp			↑		
102	313.089978	09:10:04.40	+31:38:16.3	3	15m	star to E

60 inch Telescope Log

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
103	Comp			↑		
104	313.098400	09:16:46.26	+32:11:38.4	3	15m	hand guided
105	Comp			↑		
106	313.099919	09:09:01.27	+32:16:55.2	3	10m	star to NW, hand guided
107	Comp			↑		
108	Mrk 421	11:01:40.6	38:28:43	6	5m	
109	Comp			↑		
110	Feige 34	10:36:41.2	+43:21:50	6	1m	
111	Comp			↑		
112	N4151	12:08:01.1	+39:41:01	6	30s	
113	Comp			↑		
114	315.000364	09:57:01.13	+26:09:42.4	3	10m	
115	Comp			↑		
116	315.001483	09:59:47.32	+26:17:11.0	3	10m	
117	Comp			↑		
118	315.004735	10:17:07.65	+26:35:00.7	3	10m	hand guided ("unnamed")
119	Comp			↑		
120	315.005225	09:55:29.97	+26:36:14.7	3	10m	
121	Comp			↑		
122	N5448	14:15:43.5	+25:22:01	6	2m	
123	Comp			↑		
124	315.7549	09:59:23.28	+26:54:42.8	3	10m	sky getting bright Red
125	Comp			↑		
126-135	FLATS				6s	bin by 4
136-145	BIAS					bin by 4