

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>CALXINS</u>			Grating: <u>300L</u>		Page: <u>6868</u>	
PI: <u>All, Kenyon</u>			Date: <u>01/10/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BEAS				0s	
21-30	FLAT				6s	
31-40	BEAS				0s	overcast @ sunset
41-50	FLAT				12s	
51	MRK 335	00 06	20 12	#6	3m	hole?
52	comp			↑		
53	Feige 25	2 38	5 28	#56	2.5m	
54	comp			↑		
55	M 31	00 42	41 16	#57	1m	
56	comp			↑		
57	021856p571018	2 18	57 10	#80	3m	thru clouds
58	comp			↑		
59	021857p570818	2 18	57 08	#80	90s	
60	comp			↑		
61	021857p571018	2 18	57 10	#80	90s	
62	comp			↑		
63	021858p570518	2 18	57 05	#80	7m	
64	comp			↑		
65	021858p570518	2 18	57 05	#80	3m	
66	comp			↑		
67	021859p570844	2 18	57 08	#80	50s	
68	comp			↑		
69	021858p570810	2 18	57 08	#80	50s	central star
70	comp			↑		
71	021900p570605	2 19	57 06	#80	5m	
72	comp			↑		
73	021900p570626	2 19	57 06	#80	5m	bright star to the east
74	comp			↑		
75	021900p570705	2 19	57 07	#80	2m	clouds increasing

60 inch Telescope Log
 Observer: CAVANA
 PI: Kenyon, Koranyi, Huchra
 Spectrograph: FAST
 Grating: 3006
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
76	comp			↑		overrun by clouds !!
77	021900p570820	2 19	57 08	#80	3m	hole, bright star to the west
78	comp			↑		
79	021900p570840	2 18	57 08	#80	3m	thru clouds
80	comp			↑		
81	021900p570902	2 19	57 08	#80	3.5m	star east
82	comp			↑		
83	021901p571032	2 19	57 10	#80	4m	star east
84	comp			↑		
85	021901p570520	2 19	57 05	#80	7m	bright star east
86	comp			↑		
87	021902p570835	2 19	57 09	#80	12m	foreground star??
88	comp			↑		
89	021903p570737	2 19	57 07	#80	15m	3 stars east, 2 stars west
90	comp			↑		
91	021903p570521	2 19	57 05	#80	3m	star west
92	comp			↑		
93	021903p570832	2 19	57 08	#80	8m	star east
94	comp			↑		
95	021904p570838	2 19	57 08	#80	10m	bright star west
96	comp			↑		
97	021904p570912	2 19	57 09	#80	3m	central spectra
98	comp			↑		
99	021904p570850	2 19	57 09	#80	4m	thru clouds, bright star to the east
100	comp			↑		
101	awml-057	9 17	19 53	#35	20m	PA=60°, clouds
102	comp			↑		
103	2m113948	11 39	14 14	#68	2m	-stellar? <u>IMAGE</u> CLEARLY STELLAR
104	comp			↑		
105	2m114258	11 42	16 29	#68	3m	

101 superposed star? (stellar spectrum only)

60 inch Telescope Log

Spectrograph: FAST

Observer: Collins

Grating: 300L

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PI: Hindia

Date: 1/10/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
106	comp			↑		
107	2M113025	11 30	22 13	⊕68	3m	
108	comp			↑		
109	2M115950	11 59	14 11	⊕68	3m	
110	comp			↑		
111	2M113039	11 30	18 27	⊕68	5m	
112	comp			↑		
113	2M114517	11 45	21 25	⊕68	3m	
114	comp			↑		
115	2M114358	11 43	20 48	⊕68	3.5m	
116	comp			↑		
117	2M114448	11 44	23 56	⊕68	4m	
118	comp			↑		
119	2M113706	11 37	11 52	⊕68	4m	
120	comp			↑		
121	2M114315	11 43	21 42	⊕68	4m	
122	comp			↑		
123	2M114417	11 44	21 34	⊕68	5m	
124	comp			↑		
125	2M115831	11 58	22 04	⊕68	5m	
126	comp			↑		
127	2M112549	11 25	14 39	⊕68	4m	
128	comp			↑		
129	2M114432	11 44	23 06	⊕68	3m	
130	comp			↑		
131	2M112335	11 35	14 44	⊕68	2m	
132	comp			↑		
133	2M114420	11 44	15 35	⊕68	3m	
134	comp			↑		
135	2M114522	11 45	18 39	⊕68	3m	

60 inch Telescope Log

Observer: CALKINS

PI: Huchra, Koranyi

Spectrograph: FAST

Grating: 200L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
136	comp			↑		
137	ZM114156	11 41	12 34	#68	3m	
138	comp			↑		
139	ZM114324	11 43	20 33	#68	3m	
140	comp			↑		
141	ZM114027	11 40	12 03	#68	4m	
142	comp			↑		
143	ZM114357	11 43	15 29	#68	5m	
144	comp			↑		
145	ZM115821	11 58	22 50	#68	5m	
146	comp			↑		
147	ZM114259	11 43	13 04	#68	6m	object east
148	comp			↑		
149	ZM115642	11 56	21 14	#68	5m	
150	comp			↑		
151	ZM114911	11 43	23 30	#68	2m	
152	comp			↑		
153	mlw2-045	12 25	-2 58	#35	4m	
154	comp			↑		
155	mlw2-047	10 25	-3 05	#35	6m	
156	comp			↑		
157	mlw2-049	12 29	-3 22	#35	20m	
158	comp			↑		
159	MRK 279	13 52	69 18	#6	3m	
160	comp			↑		
161	N5548	14 17	25 07	#6	3.5m	
162	comp			↑		
163	H344	13 23	36 08	#56	3m	
164	comp			↑		
165	N3379	0 47	12 35	#57	90s	

