

60 inch Telescope Log

Observer: Collins

PI: Al, Hutchon

Spectrograph: FAST

Grating: 300L

Page: 67/66

Date: 12/11/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	Dias				0s	
11-20	Flat				6s	
21-30	Flat				20s	1.1" slit
31-40	Dias				0s	binby 2
41-50	FLAT				12s	nt
51-55	sky			#57	2s	
56	comp			↑		
57	#192281	20 12	40 16	#56	5s	
58	comp			↑		
59	N7331	22 37	39 24	#57	4m	
60	comp			↑		
61	3C390.2	18 41	79 45	#6	12m	
62	comp			↑		
63	MRK509	20 44	-10 43	#6	3m	seeing seems poor
64	comp			↑		
65	N7469	23 03	8 53	#6	2.5m	binby 2, star east
66	comp			↑		
67	MRK335	00 06	20 11	#6	3m	
68	comp			↑		
69	2M022913.9p	02 29	22 58	#68	9m	
70	comp			↑		
71	2M023845.1p	2 38	14 41	#68	12m	
72	comp			↑		
73	2M021526.1p	2 15	23 22	#68	4m	
74	comp			↑		
75	2M020802.9p	2 08	28 19	#68	10m	
76	comp			↑		
77	2M024105.1p	2 41	17 45	#68	3m	
78	comp			↑		
79	2M022302.1p	2 23	25 25	#68	4m	

60 inch Telescope Log
 Observer: Callina McClinton
 PI: Huchra, Kirshner, Kerary
 Spectrograph: FAST
 Grating: 300L
 Date: 12/11/98
 Page: 6767

Number	Object	R.A.	Dec.	L/R	Exp	Comments
80	comp					
81,82	sn1998ey	21 10	26 42	#2	20m	star to the east
83	comp			↑		PA = 72.0°
84	BDp214211	21 51	28 50	#56	30s	PA = 74.0°
85	comp			↑		
86	sn1998es	01 37	05 51	#2	15m	PA = 5°, galaxy west
87	comp			↑		
88	PGC205p134	2 08	13 38	#56	2m	
89	comp			↑		
90	gwm 7-4.001	3 03	40 47	#35F	20m	very faint
91	comp			↑		
92	gwm 7-4.002	3 02	40 54	#35F	20m	binby 2, bright star
93	comp			↑		to the east
94	gwm 7-4.003	3 03	40 58	#35F	20m	
95	comp			↑		
96	gwm 7-4.004	3 02	40 58	#35F	20m	object to the west
97	comp			↑		
98	gwm 7-4.005	3 03	41 03	#35F	20m	binby 2, 2 objects
99	comp			↑		west, one object east
100	gwm 7-4.006	3 03	41 10	#35F	15m	
101	comp			↑		
102	gwm 7-4.007	3 03	41 12	#35F	20m	bad spectra, (sorry, Susan!)
103	comp			↑		
104	gwm 7-4.008	3 03	41 36	#35F	10m	
105	comp			↑		
106	comp			↑		
107,108	AO535p26	5 38	26 18	#104	30s	
109	comp			↑		
110,111	HD39478	5 54	26 25	#104	10s	
112	comp			↑		

96 - object is E, not west E₂ ^N

60 inch Telescope Log			Spectrograph: FAST			
Observer: <u>Callins</u>			Grating: <u>300 + 1200L</u>		Page: <u>6768</u>	
PI: <u>Garcia, Welle</u>			Date: <u>12/11/98</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
113-115	CI Cam	4 19	55 59	#109	2,2090	
116	comp			↑		
117	053121m0016	5 31	-00 16	#109	20m	1200 line grating
118	comp			↑		1.5" slit, tilt = 345
119	053628m0126	05 36	-01 26	#109	7m	
120	comp			↑		
121	053126m0018	5 31	-00 18	#109	10m	
122	comp			↑		seeing has dramatically improved.
123	053117m0020	5 31	-00 20	#109	7m	
124	comp			↑		
125	053130m0012	05 31	-00 11	#109	5m	
126	comp			↑		
127	053134m0021	05 31	-00 21	#109	10m	
128	comp			↑		
129	053145m0031	05 31	-00 31	#109	7m	
130	comp			↑		
131	053144m0021	05 31	-00 20	#109	15m	} bright star to the east
132	comp			↑		
133	053145m0016	05 31	-00 15	#109	15m	
134	comp			↑		
135	053146m0031	05 31	-00 31	#109	20m	
136	comp			↑		
137	053147m0013	5 31	-00 12	#109	15m	
138	comp			↑		
139	053147m0027	5 31	-00 27	#109	10m	
140	comp			↑		
141	053152m0031	5 32	-00 31	#109	10m	
142	comp			↑		
143	053204m0004	05 32	-00 03	#109	12m	
144	comp			↑		

60 inch Telescope Log

Observer: Callkins

PI: Korany, Kirsner

Spectrograph: FAST

Grating: 300L

Page: 6769

Date: 12/11/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
145	awml-025	9 17	19 55	#35	4m	
146	comp			↑		
147	awml-026	9 18	20 43	#35	8m	
148	comp			↑		
149	awml-027	9 18	20 44	#35	8m	
150	comp			↑		
151	awml-028	9 18	20 15	#35	10m	
152	comp			↑		
153	awml-029	9 17	19 51	#35	7m	
154	comp			↑		
155	awml-030	9 17	20 02	#35	4m	
156	comp			↑		
157	awml-031	9 19	19 48	#35	4m	
158	comp			↑		
159	awml-032	9 16	19 55	#35	12m	
160	comp			↑		
161	awml-033	9 17	20 02	#35	2m	
162	comp			↑		
163	awml-034	9 19	19 59	#35	5m	
164	comp			↑		
165-167	sn1998S	11 45	47 28	#2	20m	PA = 72°, Binby 2
168	comp			↑		
169	GDI40	11 37	29 47	#56	2m	PA = 79°, Binby 2
170	comp			↑		
171	GDI40	11 37	29 47	#56	2m	Binby 4
172	comp					
173-182	BIAS				0s	
183-192	FLAT				6s	
193-202	BIAS				0s	
203-212	FLAT				12s	

213-222 FLAT

45s - 1200 lpm, 1.5" sl:
345 tilt, 1040 foc

223-232 DARK

15m