

60 inch Telescope Log

Observer: CALKINS

PI: All, Kenyon, Huchra

Spectrograph: FAST

Grating: 300L

Page: 6909

Date: 1/17/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	DARK				15m	
6-15	BIAS				0s	
16-25	FLAT				6s	
26-35	BIAS				0s	
36-45	FLAT				12s	
46-50	sky			#57	2s	
51	comp			↑		
52	Feige 25	2 38	5 28	#56	3m	
53	comp			↑		
54	M32	00 42	40 51	#57	1m	
55	comp			↑		
56	MRK 235	00 06	20 11	#6	3m	
57	comp			↑		
58	Alcn 564	22 42	29 43	#6	5m	
59	comp			↑		
60	M7469	23 03	8 52	#6	2.5m	star east
61	comp			↑		
62	022207p570607	2 21	57 06	#83	12m	
63	comp			↑		
64	022212p570600	2 22	57 06	#83	17m	••, bright star to the west
65	comp			↑		
66	022212p570601	2 22	57 05	#83	20m	bright star to the west, PA = 60°
67	comp			↑		
68	022214p570937	2 22	57 09	#83	1m	
69	comp			↑		
70	022217p570609	2 22	57 05	#83	15m	PA = 30°
71	comp			↑		
72	022217p570613	2 22	57 05	#83	6m	Last one!
73	comp			↑		
74	2M015132.9p	1 51	30 40	#68	3m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>6910</u>	
Observer: <u>CAUSAS</u>			Grating: <u>300L</u>		Date: <u>1/17/99</u>	
PI: <u>Huchra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
75	comp			↑		
76	2M015313.7p	1 53	32 22	"68	3.5m	
77	comp			↑		
78	2M012417.8p	1 24	34 33	"68	4m	
79	comp			↑		
80	2M013130.2p	1 31	35 52	"68	5m	
81	comp			↑		
82	2M013220.6p	1 32	32 45	"68	8m	
83	comp			↑		
84	2M014038.0p	1 40	31 07	"68	7m	
85	comp			↑		
86	2M013229.1p	1 32	32 22	"68	5m	
87	comp			↑		
88	2M013116.3p	1 31	30 26	"68	10m	PA = 100°
89	comp			↑		
90	2M015203.0p	1 52	31 55	"68	5m	
91	comp			↑		
92	2M015152.2p	1 51	35 39	"68	8m	
93	comp			↑		
94	2M012326.9p	1 23	30 46	"68	4m	
95	comp			↑		
96	2M013548.7p	1 35	30 04	"68	5m	
97	comp			↑		
98	2M012100.2p	1 21	35 42	"68	4m	
99	comp			↑		
100	2M014245.8p	1 42	35 20	"68	5m	object to east
101	comp			↑		
102	2M015129.0p	1 51	30 52	"68	5m	
103	comp			↑		
104	2M012106.8p	1 21	31 17	"68	6m	

60 inch Telescope Log

Observer: CALKINS

PI: Huchra, Rines, Garcia, Kenyon

Spectrograph: FAST

Grating: 300L

Page: 6911

Date: 1/17/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
105	comp			↑		
106	2M01222.8p	1 22	35 55	#68	4m	
107	comp			↑		
108	2M01232.0p	1 23	35 05	#68	4m	
109	comp			↑		
110	2M015254.2p	1 52	31 10	#68	6m	
111	comp			↑		
112	a576-110	7 30	58 51	#64	6m	
113	comp			↑		
114	a576-111	7 42	54 00	#64	7m	
115	comp			↑		
116	a576-112	6 59	54 11	#64	10m	
117	comp			↑		
118	a576-113	7 26	58 19	#64	15m	
119	comp			↑		
120	a576-114	7 14	54 58	#64	3.5m	
121	comp			↑		
122	a576-115	7 32	57 40	#64	3.5m	
123	comp			↑		
124	a576-116	7 25	53 13	#64	10m	
125	comp			↑		
126-128	CIFcam	4 19	56 00	#107	2, 20, 30	
129	comp			↑		
120	ISG Gem	6 03	27 41	#100	6m	
131	comp			↑		
132	a576-117	7 34	57 27	#64	15m	object east
133	comp			↑		
134	a576-118	7 37	59 03	#64	6m	
135	comp			↑		
136	a576-119	7 16	56 49	#64	10m	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>CALIKINS</u>		<u>Kirstner</u>		Grating: <u>100L</u>		Page: <u>6912</u>
PI: <u>REINES, KORANYE, ALL,</u>				Date: <u>1/17/99</u>		
Number	Object	R. A.	Dec.	L/R	Exp	Comments
137	comp			↑		
138	a576-120	7 17	58 09	#64	12m	
139	comp			↑		(#121 = plate flaw)
140	a576-122	7 45	55 16	#64	3m	PA = 110°
141	comp			↑		
142	a576-123	7 44	57 06	#64	5m	
143	comp			↑		
144	a576-124	7 36	53 03	#64	3.5m	
145	comp			↑		
146	a576-125	7 29	53 35	#64	17m	
147	comp			↑		
148	a576-126	7 38	57 43	#64	5m	
149	comp			↑		
150	a576-127	7 47	54 56	#64	20m	PA = 100°
151	comp			↑		
152	awml-054	9 18	20 01	#35	20m	
153	comp			↑		
154	awml-058	9 15	19 54	#35	10m	
155	comp			↑		
156	awml-060	9 16	19 56	#35	17m	
157	comp			↑		
158	awml-061	9 16	19 35	#15	8m	(Sorry Susan - should've given more time!)
159	comp			↑		
160	awml-062	9 19	19 36	#35	20m	
161	comp			↑		
162	awml-063	9 17	20 43	#35	20m	
163	comp			↑		
164	MRK 421	11 04	38 12	#6	4m	
165	comp			↑		
166	sn ICG94	11 28	58 33	#2	10m	PA = 0.0° Type II!

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>CALVIN</u>			Grating: <u>300L</u>		Page: <u>6913</u>	
PI: <u>Kirchner, A11, Tucson</u>			Date: <u>1/17/99</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
167	comp			↑		
168	sn1998	11 28	58 23	#2	10m	PA=0.0
169	comp			↑		
170-172	sn1998S	11 46	47 28	#2	20m	
173	comp			↑		
174	sn1998B	12 11	74 47	#2	20m	
175	comp			↑		
176	H244	13 23	36 08	#56	2m	
177	comp			↑		
178	N5548	14 18	25 08	#6	3m	
179	comp			↑		
180	MRK279	13 52	69 18	#6	3m	
181	comp			↑		
182	25208m-174115	12 57	-17 42	#81	17m	
183	comp			↑		
184	H244	13 23	36 08	#56	2m	
185	comp			↑		
195	RT-A1				0s	
196-205	FLAT				6s	
206-215	BIAS				0s	
216-225	FLAT				12s	
226-235	DARK				15m	