

60 inch Telescope Log

Observer: E. Falco

PI: E. Falco

Spectrograph: FAST

Grating: 300

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Date: 19-20 March 99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	BIAS			#60	0	
6-12	FOCUS - COMP			↑		930 bins 3
13-17	BIAS			↑		
18-27	FLAT			↓	6	
28-32	DARK			↓	300	
33-39	DARK			↓	600	
40-45	SKY	20m		0	2,5x4	
46	COMP			↑	6	
47	HD 52971			57	10	
48	COMP			↑		
49	BG Gem			100	600	x2
50	COMP			↑		↓
51	CI Can			107	120	↓
52	COMP			↑		
53	Hiltner 600			57	60	x3
54	COMP			↑	6	↓
55	HD 52971			57	4	↓
56	COMP			↑	6	
57	05335p3154			60	120	
58	COMP			↑		
59	05274p6741			60	300	
60	COMP			↑		
61	05265p6734			60	180	
62	COMP			↑		
63	05317p0246			60	600	
64	COMP			↑		
65	08397p6510			60	180	
66	COMP			↑		
67	08414p4155			60	600	
68	COMP			↑		

bin by 2 data reduced with flats + bias
from March 20 (next night)

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
69	08450p7030			60	120	>3
70	COMP			↑	6	
71	08479p2925			60	300	
72	COMP			↑		
73	08460p7202N			60	300	
74	COMP			↑		
75	08468p7200			60	180	
76	COMP			↑		
77	08502p0138			60	180	
78	COMP			↑		
79	08506m0128			60	180	
80	COMP			↑		
81	08512p0526			60	300	
82	COMP			↑		
83	08527m0205			60	180	
84	COMP			↑		
85	08526p1215			60	300	
86	COMP			↑		
87	N3216			60	180	
88	COMP			↑		
89	10201m0321			60	300	
90	COMP			↑	6	
91	10206m0321			60	300	confusion etc in
92	COMP			↑		
93	10209m0308			60	300	
94	COMP			↑		
95	10207p2008			60	180	
96	COMP			↑		
97	10204p5717			60	180	still yucky
98	COMP			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
95	10206 m 0321			60	300	x3
96	COMP			↑		
97	10204 p 5717			60	300	
98	COMP			↑		
99	10215 p 1351			60	300	
100	COMP			↑		
101	10195 p 7852			60	180	
102	COMP			↑		
103	11128 p 4625			60	300	
104	COMP			↑		
105	11128 m 0329			60	300	
106	COMP			↑		
107	N 3601			60	180	
108	COMP			↑		
109	11134 m 0004			60	300	
110	COMP			↑	6	
111	11137 p 2927			60	300	
112	COMP			↑	6	
113	11154 p 5402			60	300	
114	COMP			↑	6	
115	11156 p 5905			60	300	
116	COMP			↑	6	
117	11144 p 7520			60	300	
118	COMP			↑		
119	N 4411 B			60	300	
120	COMP			↑		
121	± 3358			60	300	Balmers, weak
122	COMP			↑		
123	N 4485			60	180	
124	COMP			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
125	12283p 5735			60	300	x3
126	COMP			↑	6	
127	13303m 0250			60	300	
128	COMP			↑	6	
129	13304m 0246			60	300	
130	COMP			↑	6	
131	13311m 0138			60	300	
132	COMP			↑	6	
133	13330p 0627			60	300	may need more, em
134	COMP			↑		
135	13331m 0040			60	240	OK, need more
136	COMP			↑	6	
137	13332m 0047			60	300	strong H α
138	COMP			↑	6	
139	13337m 0155			60	300	ab, E
140	COMP			↑	6	
141	13338p 0625			60	600	
142	COMP			↑		
143	13376m 0238			60	300	a wee bit weak
144	COMP			↑		comp, forget it! ab
144	13501m 0146			60	180	weak ab
145	COMP			↑	6	
146	13510m 0049			60	300	em
147	COMP			↑		
148	13531p 2518			60	300	
149	COMP			↑		
150	13544p 4032			60	180	OK
151	COMP			↑	6	
152	14117m 0039			60		
153	COMP			↑	300	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
154	14119 m 0304			60	300	em!
155	COMP			↑		
156	14121 m 0003			60	300	em
157	COMP			↑		
158	14128 p 0029			60	300	E. abs
159	COMP			↑	6	
160	14127 p 0503			60	300	em
161	COMP			↑	6	
162	14128 m 0253			60	300	
163	COMP			↑		
164	14133 p 1626E			60	600	em?
165	COMP			↑	6	
166	14135 m 0101			60	300	em
167	COMP			↑	6	
168	16286 p 6949			60	300	
169	COMP			↑	6	
170	16306 p 7408			60	480	em
171	COMP			↑	6	
172	N 6182			60	180	E
173	COMP			↑	6	
174	16363 p 7167			60	480	em
175	COMP			↑		
176	E 1224			60	180	em
177	COMP			↑	6	
178	17053 p 4317			60	240	
178	17053 p 4311↑			60	240	E
179	COMP			↑	6	
180	17199 p 0640			60	180	E
181	COMP			↑	6	
182-191	BIAS				0	

