

60 inch Telescope Log

Observer: CALVIN S.

PI: All, Garcia, Falco, Fazio

Spectrograph: FAST

Grating: 300L

Date: 9/15/99

Page: 7583

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	BIAS				0s	storms @ sunset
41-50	FLAT				12s	
51-60	FLAT				8s	5" slit
61-70	FLAT				45s	1.1" slit
71	GM Sp	18 19	-25 24	Garcia	5m	just a peek thru clouds, 1.1" slit, windy
72	comp			↑		
73	17474p2046	17 49	20 45	1846	5m	
74	comp			↑		poor seeing,
75	17486p5531	17 49	55 20	1846	4m	passing clouds, etc.
76	comp			↑		
77	17504p7214	17 49	72 13	1846	2.5m	
78	comp			↑		
79	17501p6825	17 50	68 24	1846	3m	
80	comp			↑		
81	17510p528	17 52	52 26	1846	3m	
82	comp			↑		
83	17554p6633	17 55	66 33	1846	7m	
84	comp			↑		
85	17539p1823	17 56	18 22	184	1m	
86	comp			↑		
87	17539p1823	17 56	18 22	184	7m	← 2 nd exp of above
88	comp			↑		suspect super-imposed
89	17558p6419	17 56	64 18	184	3m	star on nucleus (reflector nebula??)
90	comp			↑		
91	17562p4508	17 57	45 08	184	4m	
92	comp			↑		
93	92-260	00 55	00 37	187	30m	2" slit

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>7554</u>
Observer: <u>CALKINS</u>				Grating: <u>3006</u>		Date: <u>9/15/99</u>
PI: <u>Fazio, Bragg</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
94	comp			↑		
95	95-500	02 55	01 13	#87	30m	seeing improving
96	comp			↑		
97	93-103	1 53	00 23	#87	30s	
98	comp			↑		
99	94-251	2 57	00 16	#87	170s	
100	comp			↑		
101	94-305	2 55	00 31	#87	30s	
102	comp			↑		
103	021841	2 18	57 11	#83	4m	star west
104	comp			↑		
105	021842	2 18	57 04	#83	1m	
106	comp			↑		
107	021842	2 18	57 05	#83	4.5m	bright star to the west
108	comp			↑		
109	021842	2 18	57 10	#83	2.5m	
110	comp			↑		
111	021842	2 18	57 13	#83	2m	seeing degrading
112	comp			↑		
113	021843	2 18	57 09	#83	3m	clouds returning
114	comp			↑		bright star to east
115	021845	2 18	57 07	#83	4m	
116	comp			↑		
117	021847	2 18	57 03	#83	3.5m	
118	comp			↑		
119	021847	2 18	57 09	#83	4m	bright star east
120	comp			↑		
121	021847	2 18	57 09	#83	5m	-re-take of above
122	comp			↑		due to possible low
123	021847	2 18	57 14	#83	40s	dis.

↳ 2 objects on slit which one is it ???

OBJECT IS WEST ONE

60 inch Telescope Log

Observer: CALICUS

PI: Bragg, Kirschner

Spectrograph: FAST

Grating: 3006

Page: 755

Date: 9/15/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
124	comp			↑		
125	021847	2 18	57 14	"83	2m	
126	comp			↑		
127	021848	2 18	57 03	"83	15s	
128	comp			↑		
129	021848	2 18	57 11	"83	15s	
130	comp			↑		
131	021849	2 18	57 01	"83	15s	
132	comp			↑		
133	021850	2 18	57 11	"83	7m	bright star to west
134	comp			↑		
135	021854	2 18	57 02	"83	6m	
136	comp			↑		02 18 55 + 57 01 24 <i>mag</i>
137	021855	2 18	57 01	"83	15s	
138	comp			↑		
139	021855	2 18	57 09	"83	15s	
140	comp			↑		
141	021856	2 18	57 07	"83	1m	star to the west
142	comp		05:0741	↑		
143	021856	2 18	57 13	"83	7m	
144	comp			↑		
145	021857	2 18	57 07	"86	17m	bright star to east
146	comp			↑		
147	sn1999dg	2 34	20 58	"7	20m	PA = -1.0°
148	comp			↑		
149	Feige 25	2 38	5 28	"56	2m	PA = 15°
150	comp			↑		
151	Feige 45	2 38	5 28	"56	2m	
152	comp			↑		
153	Feige 25	2 38	5 28	"56	2m	

60 inch Telescope Log

Observer: CALYSENS



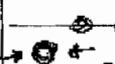
PI: Bragg

Spectrograph: FAST

Grating: 300L

Page: 7536

Date: 9/15/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
154	comp			↑		
155	021857	2 18	48 10	"83	1m	<u>2 OBJECTS</u>
156	comp			↑		
157	021857	2 18	57 09	"83	20s	2 stars to east
158	comp			↑		
159	021858	2 18	57 04	"83	30s	
160	comp			↑		
161	021858	2 18	57 04	"83	3m	
162	comp			↑		
163	021858	2 18	57 09	"83	15s	
164	comp			↑		
165	021859	2 18	57 09	"83	10s	
166	comp			↑		
167	021859	2 18	57 09	"83	90s	done get lost
168	comp			↑		central spectra
169	021860	2 18	57 03	"83	7m	
170	comp			↑		
171	021900	2 19	57 02	"83	7m	star to east
172	comp			↑		
173	021900	2 19	57 04	"83	90s	
174	comp			↑		
175	021900	2 19	57 13	"83	10m	
176	comp			↑		
177	021901	2 19	57 02	"83	4m	2 stars to west
178	comp			↑		
179	021901	2 19	57 06	"83	5m	
180	comp			↑		
181	021901	2 19	57 01	"83	5m	bright star to east
182	comp			↑		
183	021901	2 19	57 08	"83	5m	3 stars to west

155 - E object, row 76 on 2d image

159 cannot separate

161 cannot separate

