

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>8157</u>		
Observer: <u>CALVIN</u>		Grating: <u>300L</u>		Date: <u>1/11/00</u>		
PI: <u>Ali, Bragg, Kishores</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	DARK				15m	
6-15	DARK				05	
16-25	FLAT				60	
26-35	BIAS				05	
36-45	FLAT				125	
46-50	sky			#57	25	
51	comp			↑		
52, 53	Feige 25	2 35	5 28	#56	2m	
54	comp			↑		
55, 56	Feige 25	2 35	5 28	#56	2m	
57	comp			↑		
58, 59	Feige 25	2 35	5 28	#56	2m	PA = -23
60	comp			↑		
61	M31	00 47	41 16	#57	1m	
62	comp			↑		
63	M3	00 47	41 16	#57	1m	
64	comp			↑		
65	SM 1999sp	2 21	59 22	#2	15m	PA = 39°
66	comp			↑		
67	021943p5709	2 19	57 09	#83	20m	
68	comp			↑		
69	021941p5708	2 19	57 08	#83	15m	
70	comp			↑		
71	021946p5708	2 19	57 08	#83	15m	small one on row 75
72	comp			↑		
73	021946p5708	2 19	57 08	#83	17m	
74	comp			↑		
75	021947p5706	2 19	57 04	#83	20m	Row 75
76	comp			↑		
77	021950p57	2 19	57 09	#83	17m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8152</u>	
Observer: <u>CACKINS</u>			Grating: <u>300L</u>		Date: <u>1/11/99</u>	
PI: <u>Bray, Kirshner, Calvet</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
78	comp			↑		
79	021954p5711	2 19	57 11	#83	15m	
80	comp			↑		
81	022108p570804	2 21	57 07	#83	20m	Row 75
82	comp			↑		
83	022111p57102	2 21	57 10	#83	20m	
84	comp			↑		
85	022116p570251	2 21	57 02	#83	20m	wind picking up
86	comp			↑		Row 75
87	sn1999em	4 41	-2 51	#2	10m	PA = 26°
88	comp			↑		
89	guso435827	5 24	-2 00	#122	2m	PA = 90° (forgot
90	comp			↑		to update
91	-34012	5 25	-1 58	#122	2m	realign
92	comp			↑		box)
93	-49994	5 26	-1 21	#122	2m	
94	comp			↑		
95	-35463	5 27	-1 44	#112	3m	
96	comp			↑		Unable to access
97	-35439	5 27	-1 58	#112	45s	DSS or other net
98	comp			↑		services due to
99	-51335	5 28	-1 09	#112	3m	wind.
100	comp			↑		
101	-51362	5 28	-1 12	#112	5m	
102	comp			↑		
103	-51542	5 28	-1 24	#112	4m	
104	comp			↑		
105	-35877	5 28	-1 48	#112	3m	
106	comp			↑		
107	-52044	5 28	-1 33	#112	4m	

60 inch Telescope Log

Observer: CALKINS

PI: Galvet

Spectrograph: FAST

Grating: 500L

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Date: 1/11/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
108	comp			↑		
109	-36513	5 29	-2 12	#112	4m	PA = 90°
110	comp			↑		
111	-36707	5 29	-1 44	#112	2m	
112	comp			↑		
113	-37247	5 29	-2 09	#112	2m	
114	comp			↑		
115	-35865	5 24	-00 16	#112	5m	
116	comp			↑		
117	-36410	5 24	-00 06	#112	2m	western most star
118	comp			↑		
119	-37360	5 26	00 02	#112	90s	
120	comp			↑		
121	-37892	5 26	00 06	#112	4m	
122	comp			↑		
123	-38017	5 26	00 05	#112	4m	
124	comp			↑		
125	-52422	5 29	-1 25	#112	5m	
126	comp			↑		
127	-42893	5 29	-00 30	#112	7m	
128	comp			↑		
129	-52641	5 29	-1 25	#112	5m	
130	comp			↑		
131	-52896	5 29	-1 36	#112	5m	
132	comp			↑		
133	-44765	5 30	-00 55	#112	6m	
134	comp			↑		
135	-45744	5 31	-00 48	#112	4m	
136	comp			↑		
137	-38057	5 31	-01 55	#112	2m	

113 / \ double?

60 inch Telescope Log
 Observer: Colvins
 PI: Colvet, Kenyon, Rines, Geller

Spectrograph: EDST
 Grating: 3006
 Date: 1/11/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
138	comp			↑		
139	BGGem	6 03	27 41	#12	5m	
140	comp			↑		
141	-38079	5 31	-1 59	#112	4m	
142	comp			↑		
143	-55190	5 32	-1 10	#112	2m	
144	comp			↑		
145	-42622	5 32	-00 01	#112	2.5m	
146	comp			↑		
147	sn1999gh	9 44	-21 16	#2	20m	PA = -14°
148	comp			↑		
149	25766-174	7 18	55 09	#64	5m	
150	comp			↑		
151	-175	7 14	56 03	#64	4m	
152	comp			↑		
153	-176	7 29	56 53	#64	5m	Row 40
154	comp			↑		
155	121854p0650a/b	12 21	6 40	#113	20m	a & b, PA = -12°, a on row 50
156	comp			↑		
157	122906p09110	12 31	3 55	#113	12m	
158	comp			↑		
159	122906p09110	12 31	3 56	#113	12m	
160	comp			↑		
161	123630p38220a	12 38	38 05	#113	20m	
162	comp			↑		
163	123630p38220b	12 39	38 09	#113	20m	
164	comp			↑		
165	125306p08300a	12 55	8 14	#113	15m	
166	comp			↑		
167	125306p08300b	12 55	8 15	#113	20m	

60 inch Telescope Log
 Observer: CALKINS
 PI: Geller, Mahdavi
 Spectrograph: FAST
 Grating: 300L
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
168	comp			↑		
169	125348p10280a	12 56	10 11	#113	20m	
170	comp			↑		
171	125348p10280b	12 56	10 10	#113	18m	
172	comp			↑		
173	130318p28000a	13 05	27 43	#113	12m	
174	comp			↑		
175	1035241.039	13 20	33 07	#59	5m	
176	comp			↑		
177	-038	13 20	33 46	#59	5m	
178	comp			↑		
179	-039	13 21	33 20	#59	1m	
180	comp			↑		
181	-040	13 21	33 44	#59	2m	
182	comp			↑		
183	-043	13 21	32 55	#59	2.5m	
184	comp			↑		
185	N4853	12 58	27 35	#57	2m	
186	comp			↑		
187, 188	H344	13 23	36 07	#56	2m	
189	comp			↑		
190, 191	H344	13 23	36 07	#56	2m	
192	comp			↑		
193-202	BIAS				0s	
203-212	FLAT				6s	
213-222	BIAS				0s	
223-232	FLAT				12s	
233-242	DARK				15m	