

60 inch Telescope Log
 Observer: PBerlind
 PI: Calvet
 Spectrograph: FAST
 Grating: 3000; 3" slit
 Date: 9/5/99
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-2	DARK				20m	bin by 2
3-7	sky	zenith		S	2s	
8	COMP			T	5s	mostly clear!
9-20	BIAS				0s	(close)
21-30	FLAT				7s	
31-40	BIAS				0s	
41-50	FLAT				14s	
51-53	HD 173370			89	2s	V stars for #89
54	COMP			↑		→ twilight ←
55-56	HD 173467			89	2s	
57	COMP			↑		
58-60	HD 178849			89	2s	
61	COMP			↑		
62-63	HD 183862			89	2s	
64	COMP			↑		
65-66	HD 185051			89	2s	
67	COMP			↑		
68-69	HD 170073			89	2s	
70	COMP			↑		
71-72	HD 170153			89	2s	
73	COMP			↑		
74-75	HD 193006			89	2s	
76	COMP			↑		
77-78	HD 193702			89	2s	
79	COMP			↑		
80-81	HD 194839			89	2s	
82	COMP			↑		
83-84	HD 193009			89	2s	
85	COMP			↑		

60 inch Telescope Log

Observer: RB

PI: Calvin Kenyon Andri

Spectrograph: FAST

Grating: 300R

Date: 9/5/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
86-87	HD 192044			89	2s	
88	COMP			↑		
89-90	HD 187961			89	2s	
91	COMP			↑		
92-93	HD 191263			89	2s	
94	COMP			↑		
95-97	HD 183656			89	2s	
98	COMP			↑		
99-101	UKSCE1	16:15	-22:12	12	20s, 5m	10m
102	COMP			↑		
103-105	Hen 1341	17:08	+17:26	12	15s, 30s, 2m	
106	COMP			↑		
107-109	M1m21	17:34	-19:09	12	1m, 10s, 10m	bm by 2
110	COMP			↑		
111	ngcs 382.165	16:12	+29:33	59	5m	
112	COMP			↑		
113	.164	16:12	+29:59	59	10m	
114	COMP			↑		
115	.166	16:13	+29:04	59	7m	
116	COMP			↑		
117	.167	16:13	+29:57	59	4m	
118	COMP			↑		
119	.177	16:13	+29:08	59	4m	
120	COMP			↑		
121	.173	16:13	+29:09	59	5m	
122	COMP			↑		
123	.175	16:13	+29:09	59	6m	
124	COMP			↑		
125	.176	16:13	+28:46	59	6m	
126	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Andi Calvet

Spectrograph: FAST

Grating: 3000

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
127	<u>1195382-17.7</u>	<u>16:14</u>	<u>+29:51</u>	<u>SG</u>	<u>4m</u>	
128	<u>COMP</u>			<u>↑</u>		
129	<u>178</u>	<u>16:14</u>	<u>+29:54</u>	<u>SG</u>	<u>5m</u>	
130	<u>COMP</u>			<u>↑</u>		
131	<u>179</u>	<u>16:14</u>	<u>+29:17</u>	<u>SG</u>	<u>6m</u>	
132	<u>COMP</u>			<u>↑</u>		
133	<u>180</u>	<u>16:14</u>	<u>+29:58</u>	<u>SG</u>	<u>5m</u>	
134	<u>COMP</u>			<u>↑</u>		
135	<u>181</u>	<u>16:14</u>	<u>+29:58</u>	<u>SG</u>	<u>4m</u>	
136	<u>COMP</u>			<u>↑</u>		
137	<u>183</u>	<u>16:14</u>	<u>+29:17</u>	<u>SG</u>	<u>5m</u>	
138	<u>COMP</u>			<u>↑</u>		
139	<u>185</u>	<u>16:14</u>	<u>+29:58</u>	<u>SG</u>	<u>10m</u>	
140	<u>COMP</u>			<u>↑</u>		
141	<u>189</u>	<u>16:15</u>	<u>+29:52</u>	<u>SG</u>	<u>6m</u>	
142	<u>COMP</u>			<u>↑</u>		
143-144	<u>V1493 Cas</u>	<u>20:50</u>	<u>+44:16</u>	<u>SG</u>	<u>5m, 10m</u>	
145	<u>COMP</u>			<u>↑</u>		
146, 147	<u>V751 Cas</u>	<u>20:50</u>	<u>+44:08</u>	<u>SG</u>	<u>2m, 15m</u>	
148	<u>COMP</u>			<u>↑</u>		
149, 150	<u>Mac CH2</u>	<u>00:04</u>	<u>+65:21</u>	<u>SG</u>	<u>5m, 20m</u>	
151	<u>COMP</u>			<u>↑</u>		
152, 153	<u>Mac CH4</u>	<u>23:56</u>	<u>+66:09</u>	<u>SG</u>	<u>2m, 15m</u>	
154	<u>COMP</u>			<u>↑</u>		
155-156	<u>MC1</u>	<u>00:04</u>	<u>+65:21</u>	<u>SG</u>	<u>2m, 15m</u>	
157				<u>↑</u>		<u>seeing worse</u>
158-159	<u>V63 Cas</u>	<u>00:08</u>	<u>+58:33</u>	<u>SG</u>	<u>2m, 15m</u>	
160	<u>COMP</u>			<u>↑</u>		
161-162	<u>V 376 Cas</u>	<u>00:08</u>	<u>+58:33</u>	<u>SG</u>	<u>5m, 20m</u>	
163	<u>COMP</u>			<u>↑</u>		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
164-165	HD 208947			89	2s	clouds...
166	COMP			↑		
167-168	HD 218440	23:07		89	2s	
169	COMP			↑		
170-172	HD 217866			89	2s	
173	COMP			↑		
174-175	HD 2210027			89	2s	
176	COMP			↑		
177-178	HD 2213143			89	2s	
179	COMP			↑		
180-181	F074c110	23:17	-05:26	89	2m	PA=12
182	COMP			↑		
183-184	HD 22500	00:17	+38:40	89	1s	PA=90 ↓
185	COMP			↑		
186-187	HD 3909			89	2s	
188	COMP			↑		
189-190	HD 3942			89	2s	
191	COMP			↑		
192-193	HD 6961			89	2s	
194	COMP			↑		
195-6	HD 7252			89	2s	
197	COMP			↑		
198-199	HD 14372	02:20	+47:18	89	1s	
200	COMP			↑		
201-202	VX Cas	00:28	+61:42	89	1m, 2m	
203	COMP			↑		
204-207	V594 Cas	00:40	+61:58	89	10s-1m	
208	COMP			↑		
209-10	LKH 2101	01:40	+61:21	89	2m, 10m	
211	COMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Calvet/Rines/Kenyon
 Spectrograph: FAST
 Grating: 300L
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
212-213	RNO6	02:13	+55:09	89	3m, 15m	
214	WMP			↑		
215-217	V741 Per	01:58	+52:53	12	30s, 10s	5m
218	WMP			↑		clouds!
219-221	Ax Per	01:26	+54:15	12	25s, 10s	5m
222	WMP			↑		
223-226	EG And	00:49	+10:40	12	1s-10s	
227	WMP			↑		
228	SNR 99 dg	02:33	+20:58	2	20m	PA=-50 ok
229	WMP			↑		
230	g119-016	00:57	-02:46	64	10m	PA=90
231	WMP			↑		
232	.017	01:08	-02:08	64	10m	
233	WMP			↑		
234	.016	00:57	-05	64	5m	
235	WMP			↑		
236	.019	00:58	-01:52	64	5m	
237	WMP			↑		
238	.020	01:10	-01:11	64	10m	
239	WMP			↑		
240	PGC 0205314	02:05	+15:22	86	12m	PA=20
241	WMP			↑		PA=90 ↓
242-244	I Per	03:37	+72:22	89	30s, 1m	
245	WMP			↑		
246-248	X Per EW	03:46	+78:49	89	20s, 10s	EW camps - unresolved
249	WMP			↑		
250-251	V892 Her	04:15	+18:12	89	2m, 20s	
252	WMP			↑		
253-255	4k Halpha 101	04:26	+35:09	89	3m, 15m	30s extended em
256	WMP			↑		ball over

60 inch Telescope log	Spectrograph: <u>FAST</u>
Observer: <u>PB</u>	Grating: <u>3002</u>
PI: <u>AN</u>	Date: <u>9/5/99</u>
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
257-	ABN	04:52	+30:28	89	15	
258	COMP			↑		
259-268	BIAS				05	
269-278	FLAT				75	
279-288	BIAS				05	
289-298	FLAT				145	
299-308	DARK				15m	