

60 inch Telescope Log
 Observer: CAULKINS
 PI: All, Garcia, Huchra
 Spectrograph: FAST
 Grating: 3032L
 Date: 9/17/99
 Page: 7563

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	
41-50	FLAT				12s	
51-60	FLAT				45s	1.1" slit
61-70	FLAT				7s	5" slit
71	HD192281	20 12	40 16	#56	5s	5" slit
72	comp			↑		
73	GM Sqr	18 19	-25 24	Garcia	5m	5" slit
74	comp			↑		
75	HD192281	20 12	40 15	#56	10s	1.1" slit
76	comp			↑		
77,78	GM Sqr	18 19	-25 24	Garcia	10m	1.1" slit
79	comp			↑		
80,81	GM Sqr	18 19	-25 24	Garcia	10m	1.1" slit
82	comp			↑		
83,84	GM Sqr	18 19	-25 24	Garcia	10m	1.1" slit
85	comp			↑		
86	GM Sqr	18 19	-25 24	Garcia	5m	5" slit
87	comp			↑		
88,89	GM Sqr	18 19	-25 24	Garcia	10m	1.1" slit
90	comp			↑		
91	2M202135	20 11	25 42	#68	15m	Row 87, redo!
92	comp			↑		
93	2M202208	20 22	19 38	#68	8m	Row 73
94	comp			↑		
95	2M202234	20 22	25 58	#68	7m	Row 73
96	comp			↑		
97	2M202430	20 24	17 53	#68	7m	Row 77



extracted the e. row 87
 also tried extracting
 other 2 "peaks" -
 nothing

60 inch Telescope Log
 Observer: Colkins
 PI: Hudra, Garcia, Falvo
 Spectrograph: FAST
 Grating: 3000
 Date: 9/17/99
 Page: 7564

Number	Object	R.A.	Dec.	L/R	Exp	Comments
98	comp			↑		
99, 100	GM Sgr	18 19	-25 24	Garcia	10m	61" slit, high sec 3
101	comp			↑		
102	2M202443	20 24	25 48	#68	20m	PA=111°, clouds
103	comp			↑		redo! row 78
104	2M202503	20 25	17 28	#68	9m	wait out clouds
105	comp			↑		
106	23592	00 01	23 29	#84F	2m	
107	comp			↑		
108	00188	00 21	29 18	#84F	2.5m	
109	comp			↑		
110	00210	00 23	-00 30	#84F	4m	
111	comp			↑		
112	00364	00 39	6 50	#84F	8m	
113	comp			↑		
114	00438	00 46	36 19	#84F	1m	
115	comp			↑		
116	00558	00 58	11 32	#84F	8m	
117	comp			↑		
118	00585	01 01	30 09	#84F	45s	
119	comp			↑		
120	0594	01 02	32 27	#84F	45s	
121	comp			↑		
122	01041	01 06	-2 11	#84F	20m	
123	comp			↑		
124	01045	01 07	32 28	#84F	1m	
125	comp			↑		
126	01047	01 07	32 18	#84F	45s	
127	comp			↑		
128	01098	01 12	16 32	#84F	4m	

60 inch Telescope Log

Observer: CALKINS

PI: Rines

Spectrograph: FAST

Grating: 3000

Page: 7565

Date: 9/17/99

Number	Object	R. A	Dec.	L/R	Exp	Comments
129	comp			↑		
130	#119-077	1 03	1 40	#64	8m	
131	comp			↑		
132	#078	1 04	-4 38	#64	20m	
133	comp			↑		
134	#079	φφ 56	00 01	#64	3m	
135	comp			↑		
136	#080	01 09	-2 37	#64	6m	
137	comp			↑		
138	#081	00 50	00 27	#64	3m	
139	comp			↑		
140	#082	00 41	-2 00	#64	15m	
141	comp			↑		
142	021934	2 19	57 15	#83	6m	
143	comp			↑		
144	021935	2 19	57 06	#83	7m	
145	comp			↑		
146	021935	2 19	57 14	#83	7m	
147	comp			↑		
148	021937	2 19	57 03	#83	5m	
149	comp			↑		
150	021937	2 19	57 10	#83	4m	
151	comp			↑		
152	021938	2 19	57 03	#83	4m	2 objects on slit
153	comp			↑		
154	021938	2 19	57 06	#83	35m	
155	comp			↑		
156	021939	2 19	57 07	#83	4m	
157	comp			↑		
158	021940	2 19	57 03	#83	2m	

152- 2 objects on slit -
took brighter one near center

60 inch Telescope Log

Observer: CALKINS

PI: Fragg, Kishner

Spectrograph: FAST

Grating: 3000L

Page: 15/66

Date: 9/17/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
159	comp			↑		
160	021940	2 19	57 05	¹⁵ 83	20s	
161	comp			↑		
162	021940	2 19	57 11	¹⁵ 83	4m	
163	comp			↑		
164	021942	2 19	57 10	¹⁵ 83	4m	
165	comp			↑		
166	sn1999de	2 33	20 58	¹⁵ 2	212m	PA = -1.0°
167	comp			↑		
168	Feige 25	2 38	5 28	¹⁵ 56	2m	PA = 15.0°
169	comp			↑		
170	Feige 25	2 38	5 28	¹⁵ 56	2m	Binby 4
171	comp			↑		
172	Feige 25	2 38	5 28	¹⁵ 56	2m	Binby 2
173	comp			↑		
174	021943	2 19	57 04	¹⁵ 83	3m	
175	comp			↑		
176	021945	2 19	57 01	¹⁵ 83	3m	
177	comp			↑		
178	021946	2 19	57 15	¹⁵ 83	5m	
179	comp			↑		
180	021947	2 19	57 06	¹⁵ 83	90s	
181	comp			↑		
182	021951	2 19	57 10	¹⁵ 83	3m	
183	comp			↑		
184	021951	2 19	57 11	¹⁵ 83	3m	
185	comp			↑		
186	021951	2 19	57 13	¹⁵ 83	2m	
187	comp			↑		
188	021952	2 19	57 03	¹⁵ 83	2.5m	

60 inch Telescope log

Observer: CALKINS

PI: Berry

Spectrograph: FAST

Grating: 3006

Page: 7569

Date: 9/17/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
189	comp			↑		
190	021952	2 19	57 15	↑83	3m	
191	comp			↑		
192	021953	2 19	57 01	↑83	2m	
193	comp			↑		
194	021954	2 19	57 01	↑83	5m	
195	comp			↑		
196	021955	2 19	57 11	↑83	2m	
197	comp			↑		
198	022108	2 21	57 01	↑83	1m	
199	comp			↑		
200	022109	2 21	57 05	↑83	3.5m	
201	comp			↑		
202	022110	2 21	57 01	↑83	2m	
203	comp			↑		
204	022112	2 21	57 12	↑83	4m	
205	comp			↑		
206	022113	2 21	57 08	↑83	40s	
207	comp			↑		
208	022114	2 21	57 13	↑83	40s	
209	comp			↑		
210	022116	2 21	57 07	↑83	3m	
211	comp			↑		
212	022117	2 21	57 05	↑83	2m	
213	comp			↑		
214	022117	2 21	57 08	↑83	8s	
215	comp			↑		
216	022117	2 21	57 14	↑83	6m	
217	comp			↑		
218	022118	2 21	57 08	↑83	5m	

60 inch Telescope Log

Observer: CALUSUS

PI: Bragg, All

Spectrograph: FAST

Grating: 300L

Date: 9/17/99

Page: 7568

Number	Object	R.A.	Dec.	C/R	Exp	Comments
219	comp			↑		
220	HDS2971	7 00	27 09	#57	6s	
221	comp			↑		
222	HDS2971	7 00	27 09	#57	6s	
223	comp			↑		
224-229	sky			#57	1s	
230	comp			↑		
231-240	BIAS				0s	
241-250	FLAT				6s	
251-260	BIAS				0s	
261-270	FLAT				12s	
271-280	DARK				15m	