

60 inch Telescope Log

Observer: CALKINS

PI: All Garcia, Kenyan, Huchra

Spectrograph: FAST

Grating: 300L

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Date: 9/16/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DATE				15m	
11-20	BIAS				0s	
21-30	FLAT				6s	storms at sunset
31-40	BIAS				0s	
41-50	FLAT				12s	
51-60	FLAT				45s	1.1" slit
61-70	FLAT				8s	5" slit
71	Gm Sgr	18 19	-25 24	Garcia	5m	5" slit, thru clouds
72	comp			↑		
73	Gm Sgr	18 19	-25 24	Garcia	5m	1.1" slit, thru clouds
74	comp			↑		
75, 76	Gm Sgr	18 19	-25 24	Garcia	10m	1.1" slit, thru clouds
77	comp			↑		
78, 79	Gm Sgr	18 19	-25 24	Garcia	10m	1.1" slit, thru clouds
80	comp			↑		past limits
81	Gm Sgr	18 19	-25 24	Garcia	10m	1.1" slit
82	comp			↑		refill dewar
83, 84	V1415Aq1	19 03	16 26	"12	<sup>200</sup> / <sub>100</sub>	3" slit
85	comp			↑		
86-88	S149	18 18	27 27	"12	5, 20, 60	
89	comp			↑		seeing terrible
90, 91	S164	19 28	6 03	"12	<sup>200</sup> / <sub>100</sub>	
92	comp			↑		
93, 94	S180	20 39	-5 16	"12	3, 5m	
95	comp			↑		
96, 97	S169	19 49	46 15	"12	<sup>200</sup> / <sub>100</sub>	seeing pathetic!!
98	comp			↑		
99-101	S190	21 41	2 43	"12	1, 10, 60	
102	comp			↑		
103	ZM230527	23 05	21 02	"68	15m	clouds returning

60 inch Telescope Log

Observer: Calvin

PI: Huchra, Bragg

Spectrograph: FAST

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
104	comp			↑		
105	ZM230556	23 05	14 39	#68	10m	
106	comp			↑		
107	ZM230652	23 06	18 13	#68	5m	
108	comp			↑		
109	ZM230740	23 07	16 49	#68	4m	
110	comp			↑		
111	ZM230851	23 08	17 18	#68	4.5m	seeing improving
112	comp			↑		
113	ZM230912	23 09	15 40	#68	5m	
114	comp			↑		
115	ZM231017	23 10	17 35	#68	7m	line 40 underexposed
116	comp			↑		
117	ZM231202	23 12	20 47	#68	3.5m	underexposed
118	comp			↑		
119	ZM231347	23 13	22 10	#68	6m	
120	comp			↑		
121	ZM231435	23 14	23 11	#68	4m	
122	comp			↑		
123	ZM231515	23 15	21 42	#68	3m	
124	comp			↑		
125	021903	2 19	57 10	#83	5m	line 75 ✓
126	comp			↑		
127	021903	2 19	57 08	#83	20s	line 75 ✓
128	comp			↑		
129	021904	2 19	57 08	#83	3s	
130	comp			↑		
131	021905	2 19	57 14	#83	6m	
132	comp			↑		
133	021906	2 19	57 07	#83	30s	line 75 ✓

129 A. ...

60 inch Telescope Log

Observer: CALKINS

PI: Ragg

Spectrograph: Fest

Grating: 300L

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Date: 9/16/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
134	comp			↑		
135	021906	2 19	57 09	1183	7m	line 75 ✓
136	comp			↑		
137	021908	2 19	57 03	1183	6m	
138	comp			↑		
139	021908	2 19	57 04	1183	6m	seeing degrading
140	comp			↑		
141	021908	2 19	57 07	1183	90s	line 75 ✓
142	comp			↑		
143	021909	2 19	57 05	1183	5m	
144	comp			↑		
145	021909	2 19	57 08	1183	20s	line 75 ✓
146	comp			↑		
147	021909	2 19	57 15	1183	4m	
148	comp			↑		
149	021910	2 19	57 01	1183	30s	
150	comp			↑		
151	021910	2 19	57 03	1183	6m	line 75 ✓
152	comp			↑		
153	021910	2 19	57 07	1183	15s	
154	comp			↑		
155	021910	2 19	57 07	1183	15s	
156	comp			↑		
157	021912	2 19	57 12	1183	6m	
158	comp			↑		
159	021912	2 19	57 15	1183	6m	
160	comp			↑		
161	021913	2 19	57 06	1183	8m	
162	comp			↑		
163	021914	2 19	57 12	1183	5m	

135 asymmetrical base A A

60 inch Telescope Log

Observer: CALVINB

PI: Drapp, Kirshner

Spectrograph: FAST

Grating: 300L

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Date: 9/16/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
164	comp			↑		
165	sn/999d9	2 34	20 58	#2	20m	PA = -1.0°
166	comp			↑		
167	Feige 25	2 35	5 28	#56	2m	PA = 15°
168	comp			↑		
169	Feige 25	2 35	5 28	#56	2m	PA = 91°
170	comp			↑		coords different
171	Feige 25	2 35	5 28	#56	2m	
172	comp			↑		
173	Feige 25	2 35	5 28	#56	2m	1.1" slit
174	comp			↑		
175	Feige 25	2 35	5 28	#56	2m	5.0" slit
176	comp			↑		
177	021915	2 19	57 05	#83	5m	
178	comp			↑		
179	021915	2 19	57 14	#83	90s	
180	comp			↑		
181	021916	2 19	57 02	#83	8.5m	
182	comp			↑		
183	021917	2 19	57 14	#83	90s	
184	comp			↑		
185	021918	2 19	57 14	#83	6m	line 75 ✓
186	comp			↑		
187	021926	2 19	57 14	#82	4.5m	
188	comp			↑		
189	021928	2 19	57 13	#83	4m	
190	comp			↑		
191	021929	2 19	57 04	#85	6m	line 75 ✓
192	comp			↑		
193	021932	2 19	57 03	#85	5m	

60 inch Telescope Log

Observer: CALKINS

PI: Bray, All

Spectrograph: FAST

Grating: 2006

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Date: 9/16/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
194	comp			↑		
195	021932	2 19	57 07	83	6m	
196	comp			↑		
197	021932	2 19	57 09	83	5m	took bright obj @ ~75
198	comp			↑		
199	021933	2 19	57 15	83	4m	
200	comp			↑		
201	021934	2 19	57 04	83	4m	Line 75 ✓
202	comp			↑		
203	021935	2 19	57 04	83	4.5m	
204	comp			↑		
205	H D 52971	7 00	27 09	57	5s	
206	comp			↑		
207	H D 52971	7 00	27 09	57	5s	
208	comp			↑		
209-213	sky			57	2s	
214	comp			↑		
215-221	BIAS				0s	
225-234	FLAT				6s	
235-244	BIAS				0s	
245-254	FLAT				12.6	
255-264	DARK				15m	