

60 inch Telescope Log

Observer: P. Berland

PI: All

Spectrograph: FAST

Grating: 300L, 3" x 1.7

Date: 2/13/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	
11-20	FLAT				6s	clear skies!
21-30	BIAS				0s	
31-40	FLAT				12s	
41-45	sky	Zenith		57	2s	
46	COMP			↑	5s	
47-49	HD 4841	00:51	+67:46	57	4s	
50	COMP			↑		
51-53	HD 4768	00:50	+59:40	57	4s	
54	COMP			↑		
55-57	HD 5235	00:54	+58:33	57	4s	
58	COMP			↑		
59-61	HD 6343	01:05	+65:58	57	4s	
62	COMP			↑		
63-65	HD 6417	01:06	+57:45	57	4s	
66	COMP			↑		
67-69	HD 6744	01:09	+65:07	57	10s	
70	COMP			↑		
71-73	HD 12223	02:02	+62:56	57	4s	
74	COMP			↑		
75-77	CS Cam	04:19	+55:59	107	2s, 20s, 90s	
78	COMP			↑		
79	G 19182B	05:51	+52:45	54	2m	seeing good.
80	COMP			↑		
81	B6 Cam	06:03	+27:41	100	6m	
82	COMP			↑		
83	ZM 014932.1	01:49	+72:31	68	6m	
84	COMP			↑		
85	ZM 014928.3	01:49	+73:04	68	7m	
86				↑		

3576 S.

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>6976</u>	
Observer: <u>PB</u>			Grating: <u>3002</u>		Date: <u>2/12/99</u>	
PI: <u>Huchra & Mazurkiewicz</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
87	SN198es	01:37	+05:52	Z	20m	
88	COMP			↑		
89	ZM014904.2	01:47	+33:26	68	8m	
90	COMP			↑		
91	ZM015148.7	01:51	+33:12	68	7m	* to L
92	COMP			↑		
93	ZM015138.7	01:51	+40:08	68	7m	
94	COMP			↑		
95	ZM015435.0	01:51	+33:14	68	9m	
96	COMP			↑		
97	ZM015017.5	01:50	+36:13	68	9m	
98	COMP			↑		
99	MS2293	06:38	+09:38	82	15m	
100	COMP			↑		
101	MS1886-1914	06:38	+09:43	82	15m	PA=69; 2 stars; MS1914 row 17
102	COMP			↑		MS1886 o row 45
103, 105	ML0244	06:37	+09:49	82	15m	K2
104, 106	COMP			↑		
107, 8	Hiltner 60	06:42	+02	56	50s	
109	COMP			↑		
110	Pra 157	08:34	+19:26	82	90s	
111	COMP			↑		
112	Pra 361	08:37	+19:27	82	90s	
113	COMP			↑		
114	Pra 463	08:39	+19:26	82	2m	
115	COMP			↑		
116	Pra 332	08:37	+19:57	82	4m	
117	COMP			↑		
118	Pra 127	08:33	+19:21	82	4m	
119	COMP			↑		

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Observer: PB

EI: Andi

Spectrograph: FAST

Grating: 300R

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
120	ADAMS 279	08:31	+52:45	G	11m	
121	COMP			↑		
122	NGC 038.169	09:22	+23:05	S9	8m	
123	COMP			↑		
124	.209	09:24	+22:36	S9	11m	
125	COMP			↑		
126	.210	09:24	+22:31	S9	11m	
127	COMP			↑		
128	.214	09:24	+22:56	S9	9m	
129	COMP			↑		
130	.220	09:24	+21:34	S9	8m	bm by 2; close E-W pair
131	COMP			↑		em both
132	.221	09:24	+21:34	S9	8m	
133	COMP			↑		
134	NGC 076.265	10:06	+13:36	S9	8m	gradem! shutter prob
135	COMP			↑		redo
136	.266	10:06	+15:09	S9	8m	
137	COMP			↑		
138	.265	10:06	+13:22	S9	4m	redo of #134
139	COMP			↑		
140	.267	10:06	+13:43	S9	4m	
141	COMP			↑		
142	.268	10:06	+14:17	S9	5m	
143	COMP			↑		
144	.269	10:06	+14:38	S9	6m	
145	COMP			↑		
146	.270	10:06	+14:18	S9	3m	
147	COMP			↑		
148	.271	10:06	+14:23	S9	4m	
149	COMP			↑		

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Observer: PB
 PI: Dan

Spectrograph: FAST
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
150	Mrqs 076.272N	10:06	+14:22	59	5m	
151	.272S	10:06	+14:22	59	2m	
152	COMP			↑		
153	.273	10:06	+14:21	59	7m	
154	COMP			↑		
155	SNR99ca	08:29	+21:29	2	20m	tilt = 590.0 ↓, PA = 54
156	COMP			↑		
157	Ferje 34	10:36	+43	56	2m	PA = 40
158	COMP			↑		
159-163	FLAT				15s	
164	Ferje 34	10:36	+43:21	56	90s	tilt = 610.0 ↓
165	COMP			↑		
166	MRKY21	11:41	+38:28	6	4m	
167	COMP			↑		
168	mkw2-090	10:30	+52:58	35	12m	
169	COMP			↑		
170	.095	10:29	+52:46	35	12m	
171	COMP			↑		
172	mkw4-11024	12:07	+02:40	35	12m	
173	COMP			↑		
174	.023	12:03	+01:38	35	12m	
175	COMP			↑		
176	.028	12:07	+01:25	35	12m	
177	COMP			↑		
178	.029	12:04	+01:49	35	12m	
179	COMP			↑		
180	.032	12:05	+01:10	35	12m	
181	COMP			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
182	A1644DS08S	12:55	-17:02	81	5m	
183	COMP			↑		
184	.087	12:55	-17:00	81	5m	
185	COMP			↑		
186	.088	12:54	-17:01	81	6m	
187	COMP			↑		
188	.089	12:54	-17:01	81	6m	
189	COMP			↑		
190	.091	12:54	-17:00	81	6m	
191	COMP			↑		
192	.092	12:54	-17:02	81	5m	
193	COMP			↑		
194	.094	12:54	-16:58	81	5m	
195	COMP			↑		
196	.099	12:54	-16:56	81	7m	
197	COMP			↑		
198	.104	12:55	-16:51	81	8m	
199	COMP			↑		
200	.105	12:54	-16:55	81	10m	
201	COMP			↑		
202	.114	12:54	-16:51	81	7m	
203	COMP			↑		
204	.115	12:54	-16:51	81	10m	
205	COMP			↑		
206	.116	12:54	-16:51	81	6m	
207	COMP			↑		
208	.112	12:56	-16:47	81	8m	
209	COMP			↑		
210	.123	12:55	-16:47	81	5m	
211	COMP			↑		

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Observer: PB
 PI: Tustin & Dan

Spectrograph: FAST
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
212	A1644105124	12:55	-16:45	81	6m	
213	COMP			↑		
214	.125	12:51	-16:45	81	6m	
215	COMP			↑		
216	.126	12:53	-16:46	81	10m	
217	COMP			↑		
218	.129	12:53	-16:41	81	4m	
219	COMP			↑		
220	.130	12:56	-16:39	81	7m	
221	COMP			↑		
222	.131	12:53	-16:40	81	5m	
223	COMP			↑		
224	.134	12:52	-16:38	81	5m	
225	COMP			↑		
226	.136	12:55	-16:36	81	6m	
227	COMP			↑		
228	H214	13:21	+36:23	56	2m	
229	COMP			↑		
230	N5548	14:25	+25:22	6	3m	
231	COMP			↑		
232	MRC2579	13:51	+69:33	6	3m	
233	COMP			↑		
234	SBS1425	14:15	+60:39	6	11m	
235	COMP			↑		
236	GM3-i-013	14:28	+24:32	35	5m	
237	COMP			↑		
238	.014	14:24	+26:44	35	5m	
239	COMP			↑		
240	.015	14:22	+24:25	35	4m	
241	COMP			↑		

