

60 inch Telescope Log

Observer: P. Berlind

PI: Huchra

Spectrograph: FAST

Grating: 002

Date: 2/4/95

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	
11-20	FLAT				10s	
21	COMP				15s	test
22-24	sky			0	60s/20s	zenith
25	COMP			↑		
26-27	sky	+3hrs	+32	0	2m	+3 hrs West
28	COMP			↑		
29-32	B0pZ6595	03:37:08.17	+26:48:03	0	5s	30 min at top of slit after trim (I cut check every spectrum to see that they are centered)
33	COMP			↑		
34-36	M31	00:40:10	+40:59:42	0	30s; 1m	
37	COMP			↑		
38-39	M32	00:59:58.2	+40:35:30	0	1m	
40	COMP			↑		
41	163m217	00:40:33.3	+41:11:20	0	7m	
42	COMP			↑		
43	A3154D	03:39:57.7	-32:13:03	9	5m	
44	COMP			↑		
45	A3154G	03:39:28.4	-32:06:18	9	7m	
46	COMP			↑		
47, 49	A3154B	03:40:05.8	-32:13:09	9	5m, 7m	x2
48, 50	COMP			↑		
51	A3154A	03:40:05.3	-32:12:34	9	7m	
52	COMP			↑		
53	A3161D	03:42:50.7	-35:50:26	9	7m	X thin cloud needs more
54	COMP			↑		
55	A3161E	03:43:29.5	-35:55:17	9	7m	
56	COMP			↑		
57	A3161H	03:44:08	-35:42:10	9	10m	
58	COMP			↑		
59	A3161D	03:42:50.7	-35:50:26	9	10m	also #53 still weak



Moon: | +8

M31 (jobs 34-36)
 reduced with APALL
 (not DOFAST)
 NO SKY SUBTRACTION!

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
60	COMP			↑		
61	02344m022S	02:34:24	-02:25:40	21	5m	Rich Camp Hk
62	COMP			↑		
63/65	472.02115S	03:32:43.22	+10:31:16.8	3	10m	ISR + x2
64/66	COMP			↑		
67	472.063018N	03:18:22.09	+12:37:34.9	3	5m	6753 Hk North Camp
68	COMP			↑		
69	472.063018S	03:18:22.09	+12:37:34.9	3	7m	Weak low pri
70	COMP			↑		
71	472.063079	03:26:09.13	+12:37:21.7	3	5m	
72	COMP			↑		
73/75	472.068775	03:31:34.26	+12:51:22.4	3	7m	x2
74/76	COMP			↑		
77	472.072362	03:31:20.9	+13:01:5.8	3	7m	
78	COMP			↑		
79	08095p5817W	08:09:30	+58:17:40	3	7m	
80	08095p5817E	08:09:30	+58:17:40	3	2m	
81	COMP			↑		
82	08106p5807W	08:10:36	+58:07:40	3	4m	U04280
83	08106p5807E	08:10:36	+58:07:40	3	5m	superposed * to NW <2
84	COMP			↑		
85	U04281W	08:10:36	+58:23:60	3	4m	
86	U04281E	08:10:36	+58:23:60	3	5m	
87	COMP			↑		
88	08092p6430W	08:09:12	+64:30:60	3	4m	
89	08092p6430E	08:09:12	+64:30:60	3	5m	
90	COMP			↑		
91	U04282	08:10:48	+77:40:60	3	4m	Hk
92	COMP			↑		
93	08116p6047	08:11:36	+60:47:60	3	5m	double nucleus Hk

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
94	COMP			↑		
95	08120p5810	08:12:00	+58:10:00	1	5m	
96	COMP			↑		
97	08134p6006	08:13:24	+60:06:00	1	3m	
98	COMP			↑		
99	U04322	08:15:30	+62:59:00	1	3m	not-photometric
100	COMP			↑		
101-102	EX Mon	07:22:54	-03:30:00	12	10s, 45s	Symbiot
103	COMP			↑		
104	H1+60	06:42:37	+62:11:25	17	30s	std
105	COMP			↑		
106	314.01824N	09:34:07.2	+27:21:25.9	3	5m	ISR ↓ North Comp 1 hr
107	314.01824S	"	"	3	5m	South Comp 1 hr
108	COMP			↑		
109	314.018654N	09:34:02.62	+27:22:32.5	3	4m	North
110	314.018654S	09:34:02	+27:22:32	3	5m	South Hk
111	COMP			↑		
112	314.018741	09:37:35.34	+27:23:41.2	3	10m	Hk
113	COMP			↑		
114	314.019036	09:47:42.11	+27:23:13.8	3	5m	
115	COMP			↑		clouds...
116	314.019670	09:31:53.94	+27:25:58.5	3	7m	
117	COMP			↑		
118	314.020283	09:39:53.65	+27:28:46.1	3	5m	Hk
119	COMP			↑		
120	314.020837	09:36:12.52	+27:30:49.6	3	5m	Hk
121	COMP			↑		
122	314.020914	09:26:32.06	+27:29:10.3	3	5m	
123	COMP			↑		
124	314.021178	09:29:28.71	+27:31:03.7	3	5m	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
125	COMP			↑		15R Survey ↓
126	314.021624	09:28:52.32	+27:32:17.7	3	5m	light cloud; good seeing
127	COMP			↑		
128	314.023652	09:50:26.95	+27:38:26.2	3	5m	
129	COMP			↑		
130	314.024301	09:40:21.47	+27:42:21.5	3	7m	H _α
131	COMP			↑		
132	314.024381	09:25:57.02	+27:40:27.8	3	5m	
133	COMP			↑		
134	314.025428	09:40:59.98	+27:46:13.8	3	5m	
135	COMP			↑		
136	314.027759	09:41:24.6	+27:53:41.5	3	5m	
137	COMP			↑		
138	314.029305	09:54:43.5	+27:55:05	3	5m	
139	COMP			↑		
140	314.030214	09:50:00.73	+27:59:45.7	3	5m	H _α
141	COMP			↑		
142	314.030254	09:51:13.27	+27:59:30.6	3	5m	H _α
143	COMP			↑		
144	314.032094	09:37:47.62	+28:07:45.7	3	5m	H _α
145	COMP			↑		
146	314.632226	09:46:14.41	+28:07:24.1	3	5m	
147	COMP			↑		
148	314.032238	09:30:17.44	+28:07:20.9	3	5m	H _α
149	COMP			↑		
150	314.033751	09:35:09.73	+28:13:14.3	3	5m	
151	COMP			↑		
152	314.036862	09:42:43.47	+28:23:17.4	3	5m	H _α
153	COMP			↑		
154	314.039687	09:51:13.68	+28:21:28.4	3	10m	

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
155	COMP			↑		
156	314.037302	09:26:34.53	+28:22:56.3	3	5m	H α
157	COMP			↑		
158	314.039146	09:49:06.72	+28:29:02.9	3	5m	
159	COMP			↑		
160	314.040873	09:36:56.47	+28:35:52.9	3	10m	H α
161	COMP			↑		
162	314.046565	09:28:45.87	+28:52:33.9	3	5m	
163	COMP			↑		
164	314.047967	09:40:31.55	+28:58:08.2	3	5m	H α
165	COMP			↑		
166	314.050728	09:36:07.69	+29:06:43.7	3	5m	H α
167	COMP			↑		
168	314.062725	09:28:17.98	+29:42:20.1	3	4m	
169	COMP			↑		
170	314.071436	09:28:34.6	+30:10:59.8	3	5m	H α
171	COMP			↑		
172	314.071783	09:28:08.37	+30:11:52.3	3	7m	
173	COMP			↑		
174	314.072400	09:28:11.48	+30:13:49.9	3	5m	H α
175	COMP			↑		
176	314.080914	09:31:07.4	+30:44:07.3	3	5m	
177	COMP			↑		↑ clouds
178	314.085019	09:31:38.5	+30:58:30.2	3	10m	H α
179	COMP			↑		
180	N3115	10:07:44.4	-07:28:30	0	3m	template
181	COMP			↑		
182	N3379	10:45:11.4	+12:50:48	0	3m	
183	COMP			↑		
184	Mark421	11:01:40.6	+38:28:43	6	2m	for Throtes

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
185	COMP			↑		thin cloud
186	11313p5133	11:31:18	+51:33:W		4m	CFA ↓
187	11325p5127	11:32:30	+51:27:W		5m	
188	COMP			↑		
189	11346p4603	11:34:36	+46:03:W		10m	H _α
190	COMP			↑		
191	U06755	11:44:18	+50:59:W		3m	
192	COMP			↑		
193	11471p5049	11:47:06	+50:49:W		5m	
194	U06811	11:48:W	+50:50:W		2m	
195	COMP			↑		
196	11494p5035	11:49:24	+50:35:W		5m	H _α
197	COMP			↑		
198	U06919	11:54:W	+55:54:W		5m	H _α
199	COMP			↑		
200	N4181	12:10:24	+53:11:W		3m	
201	COMP			↑		
202	12118p5136	12:11:48	+51:36:W		2m	
203	COMP			↑		
204	N4198	12:11:54	+56:17:W		2m	U07246
205	COMP			↑		
206	12132p5508	12:13:12	+55:08:W		5m	H _α
207	COMP			↑		
208	13145p0205	13:14:30	+02:05:W		5m	H _α
209	COMP			↑		
210	13296p0152	13:29:36	+01:52:W		2m	
211	13298p0150	13:29:48	+01:50:W		5m	H _α
212	COMP			↑		
213	13494p0205	13:49:24	+02:05:W		5m	H _α
214	13495p0215	13:49:30	+02:15:W		3m	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
215	COMP			↑		thin cloud
216	13511p0018	13:51:06	+0:18:00	1	3m	
217	COMP			↑		*burst
218	13557p0123EW	13:55:42	+0:23:00	1	7m	E+W w-H + big time F-H
219	COMP			↑		
220	N4486B	12:28:00	+12:45:59	0	5m	template
221	COMP			↑		
222-223	RWHya	13:31:32	-25:07:29	12	2s, 15s	Symbiot
224	COMP			↑		
225	TXCU	12:42:17.9	+37:02:14	12	60s	
226	COMP			↑		
227	H244	13:21:19	+36:23:39	12	2m	
228	COMP			↑		
229, 230	TCrB	15:57:24	+26:03:36	12	30s, 10s	
231	COMP			↑		
232-234	AG Dra	16:01:23.2	+66:56:25	12	5s, 30s, 3s	
235	COMP			↑		
236	15304p0036	15:30:24	+0:36:00	1	4m	
237	COMP			↑		
238	15475p0020	15:47:20	+0:20:00	1	4m	
239	COMP			↑		
240	N5866	15:05:07.2	+55:57:18	0	3m	nice dust lane
241	COMP			↑		
242-243	HD136711	15:19:27	+18:37:03	0	10s	
244	COMP			↑		
245-247	AGK 2p24	17:01:06	+24:55:00	0	6s	
248	COMP			↑		
249-258	FLAT				10s	
259-268	BIAS				0s	
269-273	DARK				15m	

272 files (only 4 DARKS)
127 extractions

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