

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>4697</u>
Observer: <u>P. Beintal</u>		Grating: <u>3000, 3" slit</u>				
PI: <u>Wilkes & Huchra</u>		Date: <u>5/22/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	bin by 2
11-20	FLAT			0	6s	bin by 2
21-30	BIAS			0	0s	bin by 4
31-40	FLAT			0	12s	bin by 4
41	COMP			test	5s	
42-46	sky			0	2s	7:32
47	COMP			↑		scattered cumulus
48-50	HD82328	09:32	+51:41	0	2s	cirrus to west
51	COMP			↑		very windy
52-54	HD87696	10:07	+75:14	0	2s	
55	COMP			↑		
56-58	HD89055	10:16	+25:51	0	4s	
59	COMP			↑		
60-62	HD89449	10:19	+15:28	0	2s	
63	COMP			↑		
64-67	HD09358	12:33	+11:21	0	1s	
68	COMP			↑		
69	MRK51	12:06	+39:41	6	30s	8:14
70	COMP			↑		
71-72	Ferje 66	12:34	+25:20	0	45s	
73	COMP			↑		
74	MRK279	13:51	+69:33	6	2m	
75	COMP			↑		
76	N5548	14:15	+25:12	6	2m	
77	COMP			↑		
78	MRK421	11:01	+38:12	6	4m	
79	COMP			↑		
80	U 4790	09:06	+51:36	1	5m	
81	COMP			↑		
82	N2739	04:05	+51:42	1	4m	

60 inch Telescope Log

Observer: PB

FI: Huchra

Spectrograph: FAST

Grating: 7002

Date: 5/22/96

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
83	COMP			↑		
84	09065p5207	09:10:16	+51:5453	↑	4m	
85	COMP			↑		
86	09050p5327	09:08:37	+53:1576	↑	5m	em
87	COMP			↑		
88	09054p5406	09:09:02	+53:5339	↑	7m	em
89	COMP			↑		
90	09065p5553	09:12:16	+55:4133	↑	4m	
91	COMP			↑		
92	09166p5330	09:16:40	+53:3027	↑	4m	em name format J2000
93	COMP			↑		
94	09140p5257	09:14:00	+52:3735	↑	4m	
95	COMP			↑		
96	09180p5243	09:18:00	+52:43	↑	10m	LSB weak em
97	COMP			↑		
98	09192p5450	09:19:10	+54:50:20	↑	4m	
99	COMP			↑		
100	09190p5119	09:19:00	+54:5:21	↑	10m	em+
101	COMP			↑		
102	09225p5025W	09:22:30	+50:25:58	↑	4m	SW Comp = A
103	09225p5025E	09:22:30	+50:25	↑	8m	NE Comp = B
104	COMP			↑		
105	09213p5451	09:21:20	+54:54:44	↑	4m	
106	COMP			↑		
107	09233p5336	09:23:40	+53:36:08	↑	4m	
108	COMP			↑		
109	09230p5051	09:23:02	50:51:09	↑	8m	em!
110	COMP			↑		
111	09243p5132	09:24:15	+51:32	↑	7m	A only; B is very LSB too faint
112	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>4699</u>
Observer: <u>PB</u>		Grating: <u>300L</u>				
PI: <u>Huchra, Geller & Kirshner</u>		Date: <u>5/22/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
113	09242 p6201	09:24:10	+62:0408	1	10m	weak em
114	COMP			↑		
115	09263 p6122	09:26:20	+61:2200	1	6m	
116	COMP			↑		
117	320.057160	12:19	+28:36	3	8m	
118	COMP			↑		
119	320.058169	12:13	+28:37	3	8m	em
120	COMP			↑		
121	320.042104	12:09	+28:53	3	12m	poor seeing
122	COMP			↑		windy
123	320.053880	12:25	+29:39	3	8m	
124	COMP			↑		
125	320.069367	12:09	+30:41	3	8m	em
126	COMP			↑		
127	320.073636	12:18	+31:01	3	8m	em
128	COMP			↑		
129	320.073753	12:19	+31:01	3	8m	
130	COMP			↑		
131	320.74118	12:27	+31:01	3	8m	
132	COMP			↑		
133	324.105768	13:57	+37:00	3	7m	
134	COMP			↑		
135	324.106557	13:53	+37:03	3	7m	"high" z
136	COMP			↑		
137	SN96ab, hostgal	15:19:02	+28:0609	2	12m	
138	COMP			↑		
139	galaxy 29	16:06	+23:47	35	3m	straggler star
140	COMP			↑		
141	329.034852	15:59	+21:39	3	12m	+
142	COMP			↑		

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Observer: PBSpectrograph: FASTPI: Geller & BarmbyGrating: 302Page: 4700Date: 5/22/96

Number	Object	R. A.	Dec.	L/R	Exp	Comments
143	329.039074	16:20	+27:40	3	6m	
144	COMP			↑		poor seeing ≥ 2"
145	329.037006	15:59	+27:44	3	7m	
146	COMP			↑		
147	329.042800	15:54	+27:54	3	8m	faint comp on slit low
148	COMP			↑		
149	329.041739	16:21	+27:53	3	7m	
150	COMP			↑		
151	329.045421	16:07	+28:02	3	7m	em
152	COMP			↑		
153	329.047057	16:12	+28:06	3	7m	
154	COMP			↑		thin clouds
155	329.047299	16:15	+28:06	3	8m	
156	COMP			↑		
157	329.047470	15:59	+28:04	3	9m	
158	COMP			↑		
159	329.058546	15:56	+28:26	3	12m	
160	COMP			↑		thicker clouds...
161	329.058966	16:21	+28:28	3	10m	
162	COMP			↑		
163	329.059399	16:00	+28:29	3	10m	em seeing has improved
164	COMP			↑		
165	329.061612	16:01	+28:43	3	6m	
166	COMP			↑		
167	329.062143	16:07	+28:26	3	8m	
168	COMP			↑		
169	H8	16:10	+19:05	48	10m	em
170	COMP			↑		
171	H10	16:00	+18:22	48	10m	extended EW object
172	COMP			↑		E "comp" has em

60 inch Telescope Log

Observer: PBPI: BarnbySpectrograph: FASTGrating: 300RDate: 5/22/96Page: 4701

Number	Object	R.A.	Dec.	L/R	Exp	Comments
173	H11	15:57	+16:09	48	7m	em
174	COMP			↑		
175	H12	16:02	+16:33	48	5m	
176	COMP			↑		
177	H13	16:09	+16:45	48	10m	em
178	COMP			↑		
179	H14	16:14	+16:18	48	8m	wakem
180	COMP			↑		
181	H15	16:00	+16:26	48	8m	em
182	COMP			↑		
183	H16	15:59	+16:42	48	10m	wk.
184	COMP			↑		
185	H17	16:05	+16:45	48	8m	
186	COMP			↑		
187	H20	16:01	+16:55	48	5m	
188	COMP			↑		
189-191	CIC	19:50	+35:41	12	1m, 20s, 2s	
192	COMP			↑		
193-195	HD 192081	20:10	+40:07	0	5s	
196	COMP			↑		
197-199	HD 185144	19:32	+69:41	0	2s	
200	COMP			↑		
201-203	HD 186408	19:41	+50:31	0	2s	NW
204-206	HD 186427	19:41	+50:31	0	2s	SE
207	COMP			↑		
208-211	HD 19746	20:10	+28:26	0	4s	
212	COMP			↑		
213-222	BIAS			0	0s	
223-232	FLAT			0	6s	
233-234	DARK			0	15m	

60 inch Telescope Log
 Observer: PB
 PI: Barmby

Spectrograph: FAST
 Grating: 300R
 Date: 5/22/96

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
173	H11	15:57	+16:09	48	7m	em
174	COMP			↑		
175	H12	16:02	+14:33	48	5m	
176	COMP			↑		
177	H13	16:09	+15:45	48	10m	em
178	COMP			↑		
179	H14	16:14	+15:18	48	8m	weak em
180	COMP			↑		
181	H15	16:00	+15:26	48	8m	em
182	COMP			↑		
183	H16	15:59	+15:42	48	10m	wk.
184	COMP			↑		
185	H17	16:05	+15:45	48	8m	
186	COMP			↑		
187	H20	16:01	+16:55	48	5m	
188	COMP			↑		
189-191	CIC _{off}	19:50	+35:41	12	1m, 20s, 2s	
192	COMP			↑		
193-195	HD 192281	20:10	+40:07	0	5s	
196	COMP			↑		
197-199	HD 185144	19:32	+69:41	0	2s	
200	COMP			↑		
201-203	HD 186406	19:41	+50:31	0	2s	NW
204-206	HD 186427	19:41	+50:31	0	2s	SE
207	COMP			↑		clear overhead w/dawn
208-211	HD 19746	20:10	+78:26	0	4s	clouds in east
212	COMP			↑		
213-222	BIAS			0	0s	
223-232	FLAT			0	6s	
233-236	DARK			0	15m	