

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>P. Bland</u>			Grating: <u>3002; 3" slit; bin by 4</u>		Page: <u>4853</u>	
PI: <u>Huchra</u>			Date: <u>9/7/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
10	BIAS			0	0s	
11-20	FLAT			0	6s	clouds to S+W
21-25	SKY			0	2s	
26	COMP			↑		
27-29	HD 167006	18:11	31:24	0	6	
30	COMP			↑		
31-33	HD 170970	18:30	36:14	0	2s	
34	COMP			↑		
35-37	HD 168720	18:20	21:57	0	5s	
38-39	COMP			↑		
39-41	HD 168112	18:18	-12:05	0	5s	
42	COMP			↑		
43-45	HD 168137	18:18	-13:48	0	6s	
46	COMP			↑		
47-49	HD 192281	20:10	+40:07	0	5s	
50	COMP			↑		thin clouds
51-53	CIC 49	19:50	+35:41	12	2,20,700	
54	COMP			↑		
55	17036p2534	17:03	+25:36	1	4m	
56	COMP			↑		
57	17021p0420	17:02	+04:20	1	4m	
58	COMP			↑		
59	17019p0651	17:01	+06:51	1	6m	em
60	COMP			↑		
61	17008p1622NW	17:00	+16:22	1	6m	em → high bias level
62	17008p1622SE	17:00	+16:22	1	7m	dewar warming up!?
63	COMP			↑		refill
64-73	BIAS			0	0s	OK it is holding now
74	19452p5502	18:45	+55:02	1	15m	
75	COMP			↑		

## 60 inch Telescope Log

Observer: PBPI: Huchra & Wilkes & GellerSpectrograph: FASTGrating: 300RDate: 9/7/96Page: 4854

Number	Object	R.A.	Dec.	L/R	Exp	Comments
76	18441 p5256	18:44	+52:56	1	8m	thin clouds
77	COMP			↑		
78	18379 p5522	18:38	+55:24	1	8m	*burst
79	COMP			↑		
80	18355 p2009	18:35	+20:09	1	4m	✓
81	COMP			↑		
82	18352 p3258	18:35	+32:58	1	6m	
83	COMP			↑		
84	20122 p0622	20:12	+06:22	1	4m	
85	COMP			↑		
86	20177 p0237	20:17	+02:33	1	4m	em
87	COMP			↑		
88	20179 p0137	20:17	+07:37	1	4m	
89	COMP			↑		
90	20257 p0020N	20:25	+00:20	1	3m	* W of gal
91	20257 p0020S	20:25	+00:20	1	3m	
92	COMP			↑		
93	20282 p0435	20:28	+04:35	1	4m	
94	COMP			↑		
95	20297 p0441	20:29	+04:41	1	4m	
96	COMP			↑		
97	20310 p0228	20:31	+02:28	1	4m	
98	COMP			↑		nice sky
* 101	Q2128m123	21:31	-12:07	49	20m	sec 2 = 1.38
102	COMP			↑		
103	Feige-110	23:17	-05:26	0	2m	sec 2 = 1.39
104	COMP			↑		
105	S23.070871	23:40	+13:27	3	15m	very faint H $\alpha$
106	COMP			↑		2 finishes the plate!
107	N7469	23:00	+06:36	6	2m	

\* file #99: 20344 p0328 20:34 +03:28 1 6m em  
 #100: COMP ↑

60 inch Telescope Log				Spectrograph: <u>F&amp;T</u>		Page: <u>4855</u>	
Observer: <u>PIB</u>				Grating: <u>300L</u>			
PI: <u>Wilkes/Boston</u>				Date: <u>9/7/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
108	COMP			↑			
109	Z3401S p0416W	23:43	+04:33	1	15m	E+W Comp ✓	
110	COMP			↑			
111	Z3401S p0416N	23:43	+04:33	1	12m	em	
112	COMP			↑			
113	PG223 p134	22:36	+3:43	49	15m	sec z = 1.05	
114	COMP			↑			
115	PK52251 p113	22:54	+1:36	49	20m	sec z = 1.06	
116	COMP			↑			
117	BDp28421	21:48	+28:37	0	1m	sec z = 1.05	
118	COMP			↑			
119	gr85 gal C	23:21	+27:07	33	20m	burn-in object	
120	COMP			↑			
121	gr85 gal 07	23:22	+26:16	33	10m	red from 6/16/96	
122	COMP			↑			
123	gr85 gal 08	23:21	+26:25	33	7m	sec z = 1.01	
124	COMP			↑			
125	gr85 gal 09	23:20	+27:14	33	7m		
126	COMP			↑			
127	gr85 gal 10	23:20	+26:13	33	7m		
128	COMP			↑			
129	PG0007 p106	00:10	+10:58	49	20m	sec z = 1.07	
130	COMP			↑			
131, 133, 135	0013 p0018	00:46	+01:04	49	15m	sec z = 1.18 bin by 2	
132, 134, 136	COMP			↑	85	z = 2.1	
137	MRK335	00:03	+19:55	6	2m		
138	COMP			↑			
139, 140	Z And	23:33	+48:49	12	4, 90s		
141	COMP			↑			
142	Fep25			10	3m	sec z = 1.16	

00:15

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4856</u>
Observer: <u>PB</u>				Grating: <u>300L</u>		
PI: <u>Barton &amp; Kenyon</u>				Date: <u>9/7/96</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
143	COMP			↑		
144	gr904-gal19	01:25	+14:51	33	15m	burn-in
145	COMP			↑		
146	gr904-gal20	01:25	+14:49	33	15m	burn-in
147	COMP			↑		
148	gr904-gal22	01:28	+14:43	33	8m	
149	COMP			↑		
150	gr904-gal23	01:28	+14:46	33	5m	
151	COMP			↑		
152	gr904-gal24E	01:24	+14:02	33	7m	E+W Comp E = gal29
153	COMP			↑		
154	gr904-gal25	01:21	+14:53	33	5m	
155	COMP			↑		
156	gr904-gal26	01:24	+15:43	33	8m	
157	COMP			↑		
158	gr904-gal27	01:26	+15:36	33	10m	
159	COMP			↑		
160	gr904-gal21	01:25	+14:52	33	20m	burn-in
161	COMP			↑		
162	gr904-gal33	01:29	+14:58	33	12m	
163	COMP			↑		
164-166	AXPer	01:36	+54:15	12	30s, 2m, 10s	
167	COMP			↑		
168	Fep25	2:36	+05:15	0	3m	
169	COMP			↑		clear & dawn
170-171	DRtan	04:33	+25:20	12	3m, 20s	
172	COMP			↑		
173-174	DRtan	04:47	+16:58	12	2m, 10s	
175	COMP			↑		
176	AKn 120	05:16	-02:12	6	2m	

