

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4817</u>
Observer: <u>P. Berlin</u>				Grating: <u>3000, 3" slit</u>		
PI: <u>Wilkes</u>				Date: <u>7/22/96</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	bin by 4
11-20	FLAT			0	6s	by 4
21-30	BIAS			0	0s	by 2
31-40	FLAT			0	12s	by 2
4-45	SKY			0	2s	bin by 4
46	COMP			↑	5s	
47-49	HD 143107	15:57	+76:52	0	2s	clouds all over
50	COMP			↑		
51-53	HD 141992	15:51	+70:8	0	2s	
54	COMP			↑		
55-57	HD 142574	15:54	+70:18	0	2s	
58	COMP			↑		
59-61	HD 147360	15:52	+15:40	0	2s	
62	COMP			↑		
63-65	HD 147547	16:21	+19:09	0	2s	
66	COMP			↑		
67-69	HD 145328	16:08	+76:29	0	2s	
70	COMP			↑		
71-72	BDP 372642	15:50	+77:05	0	4.5s	
73	COMP			↑		
74-75	Fery 66	12:24	+75:20	0	4.5s	
76	COMP			↑		poor seeing
77	N 4151	12:09	+79:41	6	1m	
78	COMP			↑		
79-80	TXCVn	12:44	+76:45	12	1m	
81	COMP			↑		
82	MRK 279	13:51	+69:33	6	3m	
83	COMP			↑		
84	N 5548	14:15	+75:22	6	3m	
85	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4818</u>	
Observer: <u>PB</u>				Grating: <u>300R</u>			
PI: <u>Huchra & Geller & Barabga</u>				Date: <u>7/22/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
86-87	N4853	12.58	+27.35	0	6m	through clouds	
88	COMP			↑		part sunny	
89	13594p5208	13.59	+52.08	1	7m		
90	COMP			↑			
91	14103p5538	14.10	+55.38	1	7m		
92	COMP			↑			
93	14175p4800	14.17	+45.20	1	8m	em *'s on slit	
94	COMP			↑			
95	14150p4946	14.15	+49.46	1	10m	em	
96	COMP			↑			
97	323.061203	13.32	+32.16	3	15m	noisy	
98	COMP			↑			
99	13376p6145	13.37	+61.45	1	10m		
100	COMP			↑			
101	H49	16.01	+15.49	48	10m		
102	COMP			↑			
103	H50	16.05	+15.43	48	12m		
104	COMP			↑			
105	H42	16.07	+15.40	48	12m	em	
106	COMP			↑			
107	H44	16.00	+18.43	48	15m	em	
108	COMP			↑		S to S. + E.	
109	H33	16.00	+16.40	48	15m	red em 7/19/96 em	
110	COMP			↑			
111	H46	16.12	+16.53	48	15m		
112	COMP			↑		solid cloud.	
113-122	BIBS			0	6s		
123-132	FLAT			0	6s		
133-136	DARK			0	15m		
	more ↓					Open for 3-700m sucker hole	

60 inch Telescope Log

Observer: PJBPI: Kirshner & WilkesSpectrograph: FASTGrating: 3002Page: 4819Date: 7/22/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
137	N7428sn	22:57	-07:02	Z	20m	bin by 2
138	COMP			?		
139	N7428	"	"	Z	3m	nucleus; bin by 4
140	COMP			?		
141	Fergello	23:17	-05:26	0	90s	seeing ~3"
142	COMP			?		
143	N7469	23:02	+06:31	6	2m	thin clouds
144	COMP			?		
145	MRK335	00:03	+19:55	6	2m	
146	COMP			?		
147	MRK509	20:41	-10:54	6	2m	
148	COMP			?		
149-151	CICing	19:50	+75:41	12	2m, 20s, 75s	
152	COMP			?		
153-155	HD192201	20:10	+40:07	0	5s	
156	COMP			?		
157-158	N7371	22:34	+74:09	0	3m	
159	COMP			?		
160-162	HD 228766	20:47	+77:16	0	15s	
163	COMP			?		
164-166	HD192422S	20:13	+78	0	2s	
167-169	HD192422N	20:13	+78	0	2s	
170	COMP			?		
171-173	HD193092	20:46	+40	0	2s	
174	COMP			?		
175-177	MSZ	00:35	+40:75	0	30s	
180	COMP			?		
181-190	BIAS			0	0s	
191-200	FLAT			0	6s	
201-210	BIAS			0	0s	bin by 2
211-220	FLAT			0	12s	bin by 2