

60 inch Telescope Log

Observer: PBPI: GellerSpectrograph: FASTGrating: 3000; 3" slit; bmbuy4Page: 4295Date: 1/12/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BTAS	slow		0	0s	ccd dewar re-aligned
11-20	FLAT	"		0	6s	today due to 1 pix
21-27	sky	"		0	2s	line tilt / →
28	COMP			↑	5s	new fastfoc=1200
29-33	HD12623	02:02	+62:56	0	7s	def + hal looks good
34	COMP			↑		
35-37	M31	00:40	+40:59	0	30s	
38	COMP			↑		
39-40	M31/sky	00:46	+40:59	0	30s	} spec focus jumped
41	COMP			↑		
42	MRK335	00:03	+19:55	6	90s	refocus
43	COMP			↑		
44	S22.064557	23:12	+13:03	3	9m	fastfoc still = 1200
45	COMP			↑		
46	S22.064420	23:23	+13:02	3	9m	Hx
47	COMP			↑		delay to ap for Falco object
48	46.013075	01:55	+10:30	3	8m	-no go-
49	COMP			↑		
50	S22.065011	23:25	+13:04	3	10m	Hx
51	COMP			↑		
52	S22.066194	23:25	+13:05	3	9m	
53	COMP			↑		
54	46.013320	01:04	+10:31	3	9m	
55	COMP			↑		Venus sets ruby red
56	46.014295	01:03	+10:35	3	10m	
57	COMP			↑		
58	46.014433	00:44	+10:31	3	9m	
59	COMP			↑		
60	46.01522	00:50:23	+10:36:14	3	10m	
61	COMP			↑		

41, 43, 45, + 47 have
FWHM of 7.5;
other are ~ 5.8

9.00
1.16

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4296</u>		
Observer: <u>PB</u>		Grating: <u>3000</u>				
PI: <u>Geller/Huchra</u>		Date: <u>1/12/96</u>				
Number	Object	R. A.	Dec.	L/R	Exp	Comments
62	466.014581EJ	00:50	+10:36	3	6m	E+W Comps
63	COMP			↑		
64	466.014724	01:04	+10:37	3	9m	
65	COMP			↑		
66	K10350088e	01:48	+36:07	1	3m	str; faint fuzz to S
67	COMP			↑		
68	K10420088e	01:45	+36:07	1	5m	
69	COMP			↑		
70	K03514	01:48	+37:46	1	10m	
71	COMP			↑		
72	K1035017e	01:48	+36:53	1	9m	
73	COMP			↑		
74	M0148 p36536	01:48	+36:53	1	5m	F South Comp both stars
75	M0148 p36531	"	"	1	5m	K North Comp
76	COMP			↑		
77	K03509	01:48	+36:00	1	9m	
78	COMP			↑		
79	K10400157	01:51	+37:05	1	9m	
80	COMP			↑		file seeing
81	K10420097e	01:45	+35:50	1	9m	
82	COMP			↑		
83	K1039107e	01:50	+36:49	1	10m	
84	COMP			↑		
85	K10360088e	01:49	+37:53	1	10m	
86	COMP			↑		
87	K10410127e	01:51	+37:20	1	10m	
88	COMP			↑		
89	K10370068e	01:49	+35:23	1	15m	Hd
90	COMP			↑		
91	K10300107e	01:45	+34:56	1	10m	

20" C
3.2" 7

1.637m 64" 5"

60 inch Telescope Log

Observer: PBSpectrograph: FASTGrating: 302Page: 4297PI: Plucinsky/HuchraDate: 1/21/86

Number	Object	R.A.	Dec.	L/R	Exp	Comments
92	COMP			↑		
93	RXJ0635p2231A	06:35:03	+22:31:15	40	15m	
94	COMP			↑		
95	RXJ0635p2231B	06:35	+22:31	40	10m	
96	COMP			↑		
97	RXJ0635p2231D	06:35	+22:31	40	20m	C NE of D slit Rs = 62
98	COMP			↑		C = row 37 D = row 35
99, 100	Hiltner 600	06:42	+06:11	0	1m	
101	COMP			↑		
102	07433p2413	07:43	+24:13	1	15m	moon's up H _α
103	COMP			↑		
104	07433p4705	07:43	+47:05	1	12m	H _α
105	COMP			↑		
106	07435p2650	07:43	+26:50	1	12m	H _α
107	COMP			↑		
108	07438p3425	07:43	+34:25	1	10m	H _α
109	COMP			↑		
110	07443p3720	07:44	+37:20	1	9m	weak H _α
111	COMP			↑		
112	07445p4343	07:44	+43:42	1	8m	H _α
113	COMP			↑		
114	07449p4440	07:44	+44:40	1	8m	H _α
115	COMP			↑		
116	07451p2301	07:45	+23:01	1	4m	a few clouds out
117	COMP			↑		
118	07435p2742	07:45	+27:42	1	8m	H _α
119	COMP			↑		
120	07469p2609	07:46	+26:09	1	9m	stopped by clouds
121	COMP			↑		Moon 13 -7° here
122	315.017192	07:56	+27:50	3	9m	

21000 km/s $z = 0.06$

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4298</u>		
Observer: <u>PB</u>		Grating: <u>3002</u>		Date: <u>1/12/96</u>		
PI: <u>Geller</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
123	COMP			↑		clouds moving through
124	315.018575	10:05	+27:58	3	12m	H α bright sky
125	COMP			↑		
126	315.042239	09:59	+31:40	3	8m	H α lots of cloud
127	COMP			↑		
128	315.058877	10:05	+29:58	3	9m	
129	COMP			↑		decreasing clouds
130	315.058657	10:07	+31:56	3	10m	star 3" E of nucleus H α
131	COMP			↑		
132	315.021136	10:03	+28:13	3	9m	
133	COMP			↑		clouds moved off to N
134	315.013451	09:58	+27:29	3	8m	
135	COMP			↑		
136	315.022559	10:04	+28:21	3	9m	
137	COMP			↑		
138	315.023104	10:04	+28:21	3	9m	
139	COMP			↑		
140	315.024577	09:58	+28:32	3	9m	
141	COMP			↑		
142	315.026639	09:59	+28:44	3	9m	
143	COMP			↑		
144	315.019565	10:13	+28:03	3	15m	H α LSB 2070 pix
145	COMP			↑		
146, 150	315.026288	10:20	+28:42	3	9m	x2, 12m
147, 151	COMP			↑		front comp to W
148	315.047181	09:57	+30:42	3	10m	
149	COMP			↑		
152	315.047880	09:56	+30:44	3	9m	H α
153	COMP			↑		
154	315.048750	09:53	+30:51	3	9m	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4299</u>	
Observer: <u>PB</u>				Grating: <u>3000</u>			
PI: <u>Geller</u>				Date: <u>1/12/96</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments	
155	COMP			↑			
156	315.050810	09:53	+31:04	3	7m	Hz	
157	COMP			↑			
158	315.051138	10:01	+31:07	3	10m		
159	COMP			↑			
160	315.052089	09:57	+31:12	3	9m		
161	COMP			↑			
162	315.055501	10:07	+31:35	3	9m		
163	COMP			↑			
164-165	Feige 34	10:34	+43:21	0	1m		
166	COMP			↑			
167	N4151	12:08	+39:41	6	30s		
168	COMP			↑			
169	MRK 279	13:51	+69:33	6	90s		
170	COMP			↑			
171	N5548	14:15	+25:22	6	2m		
172	COMP			↑			
173	12596p 2757	12:57	+27:57	1	3m		
174	COMP			↑			
175, 176	Feige 66	12:34	+25:20	0	45s		
177	COMP			↑		a few scattered clouds	
188-187	BIAS			0	0s	☉ seen	
188-197	FLAT			0	6s		