

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>PBerlind</u>				Grating: <u>3000, 3" slit, +1200 μm</u> Page: <u>4556</u>		
PI: <u>Kenyon & Wilkes & Koranyi</u>				Date: <u>4/18/96</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	bin by 4 ↓
11-20	FLAT			0	6s	↓
21-30	BIAS			0	0s	bin by 2 ↓
31-40	FLAT			0	12s	↓
41-45	sky			0	2s	bin by 4 ↓
46	COMP			↑	5s	↓
47-49	HD17712	09:06	+38:27	0	2s	a few thin scattered clouds
50	COMP			↑		
51-54	HD84441	09:45	+23:46	0	1s	
55	COMP			↑		
56-59	HD67737	10:07	16:45	0	1s	
60	COMP			↑		
61-63	N3599	10:45	+12:50	0	1m	
64	COMP			↑		
65	N4151	12:04	+39:41	6	30s	
66	COMP			↑		
67	MRC121	11:01	+79	6	4m	
68	COMP			↑		
69-70	Hiltner 600	06:42	+02:11	0	1m	
71	COMP			↑		
72	HBC223	06:38	+09:16	30	10m	
73	COMP			↑		nice sky
74	HBC234	06:38	+09:55	30	8m	
75	COMP			↑		
76	HBC233	06:38	+09:29	30	10m	
77	COMP			↑		tilt = 41° $\lambda_c = 5200 \text{ \AA}$
78-79	tests			+		1200 μ g grating; 3" slit
80	N3825a	11:42	+10:15	3S	20m	slit rotated to 48°
81	COMP			↑	30s	↳ nucleus
82	N3825b	11:42	+10:15	3S	30m	3" above #80 ↓

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>PB</u>				Grating: <u>1200/300</u>		Page: <u>4557</u>
PI: <u>Koranyi & Kirshner & Geller & Barton</u>				Date: <u>4/18/96</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
83	COMP			↑	30s	
84	N4213a	12:15	+23:58	3S	20m	1200l/mm grating; 3" slit ↓
85	COMP			↑	30s	slit pos = 57°; nucleus
86	N4213b	12:15	+23:58	3S	30m	3" above #84
87	COMP			↑	30s	
88	Feige 66, 1200	12:34	+23:20	0	3m	
89	COMP			↑	30s	→ wow; type II pre-max
90, 92	SN1996W	11:59	-19:15	2	15m	300l/mm grating; tilt = 60°
91, 93	COMP			↑	8s	slit pos = 90° EW
94	323.055582	13:43	+30:04	3	6m	bin by 2
95	COMP			↑		
96	323.055550	13:42	+30:05	3	6m	bin by 4 ↓
97	COMP			↑		
98	323.055708	13:39	+30:06	3	4m	
99	COMP			↑		
100	323.055933	13:30	+30:08	3	10m	nice CaII-
101	COMP			↑		
102	323.055960	13:39	+30:07	3	6m	* on slit; em
103	COMP			↑		
104	SN1996X	13:18	-26:50	2	10m	bin by 2
105	COMP			↑	8s	
106-7	H244	13:21	+36:53	0	90s	bin by 4 ↓
108	COMP			↑		
109	gcm12 of 114	13:23	+36:56	3S	15m	LSB em
110	COMP			↑		
111	323.056663	13:42	+30:09	3	5m	
112	COMP			↑		
113	323.056973	13:28	+30:12	3	7m	em
114	COMP			↑		
115	323.057140	13:26	+30:13	3	5m	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4588</u>	
Observer: <u>PB</u>		Grating: <u>300R</u>		Date: <u>4/18/96</u>			
PI: <u>Geller</u>							
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
116	COMP			↑		Seems worse w2"	
117	323.057761	13:29	+30:16	3	5m		
118	COMP			↑			
119	323.057911	13:43	+30:15	3	8m	finishes notebook 1!	
120	COMP			↑			
121	323.059673	13:33	+30:16	3	10m	em	
122	COMP			↑			
123	323.059945EW	13:20	+30:26	3	8m	E+W comps; 5" sep	
124	COMP			↑		W comp = 323.059945	
125	323.060035	13:20	+30:26	3	5m	em both have em	
126	COMP			↑			
127	323.060113	13:39	+30:28	3	5m	em	
128	COMP			↑			
129	323.060125	13:24	+30:28	3	4m		
130	COMP			↑			
131	323.060516	13:24	+30:30	3	5m		
132	COMP			↑		seems better	
133	323.061606	13:21	+30:35	3	4m		
134	COMP			↑			
135	323.061842	13:20	+30:26	3	10m	LSB S(r) p em	
136	COMP			↑			
137	323.062711	13:26	+30:42	3	5m	em	
138	COMP			↑			
139	323.064525	13:19	+30:49	3	6m	em ++	
140	COMP			↑			
141	323.065094	13:39	+30:53	3	6m	wk	
142	COMP			↑			
143	323.065326	13:18	+30:52	3	5m	wk	
144	COMP			↑			
145	323.065585	13:43	+30:55	3	5m		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4559</u>	
Observer: <u>PB</u>				Grating: <u>300R 600R</u>			
PI: <u>Prosser & Wilkes & Brizano & Kemp</u>				Date: <u>4/18/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
146	COMP			↑			
147	test			—			
148	PM77	17:45	+06:01	20	9m	600 l/mm grating; 1.1" slit fit = 425 λ = 4400Å	
149	COMP			↑	20s		
150	P188	17:47	+05:22	20	22m		
151	COMP			↑			
152	P71	17:45	+05:47	20	25m		
153	COMP			↑			
154	P75	17:45	+05:51	20	25m		
155	COMP			↑			
156	P166	17:48	+05:48	20	25m		
157	COMP			↑			
158	NSS48	14:15	+25:22	6	2m	300 l/mm grating; 3" slit	
159	COMP			↑			
160	MRK279	13:51	+69:33	6	90s		
161	COMP			↑			
162-163	BDp332642	15:50	+33:03	0	1m		
164	COMP			↑			
165-166	G7612	19:32	+00:34	38	1m		
167	COMP			↑			
168-169	G1806	20:45	+44:25	38	1m		
170	COMP			↑			
171-173	CIC ₈₈	19:50	+35:41	72	2, 20m		
174	COMP			↑			
175-176	AS360	19:45	+19:36	12	2m, 30s		
177	COMP			↑			
178-180	AS338	19:03	+16:26	12	2m, 30s, 10s		
181	COMP			↑			
182-186	H082751	20:10	+40:07	0	5s		
187	COMP			↑			

