

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>5900</u>	
Observer: <u>PBerlind</u>			Grating: <u>300R</u>		Date: <u>1/1/98</u>	
PI: <u>All</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-7	DARK				20m	bin by 2
8-12	DARK				15m	by 4
13-22	BIAS				0s	
23-32	FLAT				6s	
33-42	BIAS				0s	
43-52	FLAT				12s	
53-57	sky	zenith		57	2s	
58	COMP			↑		
59-61	Zand	23:37	+48:49	12	1-15s	big pulse of clouds moving through
62	COMP			↑		⊙ sunset
63-64	HD217086	23	+66	56	5s	
65	COMP			↑		
66-67	AXPer	01:33	+54:45	12	4s, 9s	
68	COMP			↑		
69-70	Fozell	23:17	-05:26	56	2m	
71	COMP			↑		clouds
72	N71469	23:03	+08:52	6	2m	
73	COMP			↑		
74	M32	00:34	+10:35	57	30s	
75	COMP			↑		
76	225m 250	00:11	+46:05	57	5m	
77	COMP			↑		
78	MRK335	00:07	+19:55	6	3m	
79	COMP			↑		
80	Sagat 312	00:01	+13:06	60	11m	gal to W
81	COMP			↑		
82	Sagat 003	00:06	+17:25	60	6m	S
83	Sagat 007	00:06	+17:26	60	6m	N
84	COMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Barton

Spectrograph: FAST
 Grating: 300g
 Date: 1/1/98

Page: 5901

Number	Object	R. A.	Dec.	L/R	Exp	Comments
85	Socp1-016	00:20	+10:49	60	10m	clearing nicely
86	017	00:20	+10:50	60	5m	
87	COMP			↑		
88	027	00:29	+102:51	60	6m	
89	COMP			↑		
90	037	00:39	+10:51	60	3m	2
91	039	00:39	+10:53	60	10m	8
92	COMP			↑		
93	040	00:39	+108:57	60	7m	5 wk
94	041	00:39	+109:10	60	8m	5
95	COMP			↑		
96	070	01:19	+103:24	60	5m	
97	COMP			↑		
98	072	00:31	+108:28	60	15m	
99	COMP			↑		
100	008	00:13	+118:09	60	8m	
101	COMP			↑		
102	070	00:21	+10:28	60	4m	8
103	021	00:21	+10:20	60	10m	9
104	COMP			↑		
105	019	00:20	+122:35	60	20m	
106	COMP			↑		
107	018	00:20	+122:34	60	15m	
108	COMP			↑		
109	068	01:19	+12:26	60	15m	
110	COMP			↑		
111	085	01:25	+14:52	60	20m	
112	COMP			↑		
113	086	01:25	+14:50	60	8m	8 39
114	087	01:25	+14:51	60	7m	6 10

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>5902</u>	
Observer: <u>PB</u>		Grating: <u>300R</u>		Date: <u>1/1/98</u>			
PI: <u>Huchra & Kingon</u>							
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
115	COMP			↑			
116	ZM02012	02:40	+14:41	68	10m		
117	COMP			↑			
118	ZM24047	02:40	+17:59	68	15m		
119	COMP			↑			
120	ZM2405	02:40	+17:52	68	15m		
121	COMP			↑			
122	ZM24052	02:40	+12:02	68	15m		
123	COMP			↑			
124	ZM032556.7	03:25	+25:51	68	15m		
125	COMP			↑			
126	ZM032556.8	03:25	+26:27	68	15m		
127	COMP			↑			
128-29	DG Tau	04:27	+26	12	10, 90s		
130	COMP			↑			
131-32	DL Tau	04:33	+25	12	30, 4m		
133	COMP			↑			
134-135	DR Tau	04:47	+16	12	10, 7s		
136	COMP			↑			
137-138	RWAur	05:07	+30:21	12	5s, 30s	good	
139	COMP			↑			
140-141	Hiltner 60	06:42	+02:11	56	30s		
142	COMP			↑			
143	ZM042149	04:21	+18:01	68	15m		
144	COMP			↑			
145	ZM042144	04:21	+18:59	68	15m	em	
146	COMP			↑			
147	ZM042147	04:21	+18:59	68	15m		
148	COMP			↑			

60 inch Telescope Log

Observer: PS
 PI: Huchra

Spectrograph: FAST
 Grating: 3002
 Date: 1/1/98

Page: 5903

Number	Object	R.A.	Dec.	L/R	Exp	Comments
149	2M082207	08:22	+18:15	68	15m	
150	COMP			↑		
151	2M084817	08:48	+11:27	68	12m	em
152	COMP			↑		
153	2M084848	08:48	+09:02	68	15m	
154	COMP			↑		
155	2M084849	08:48	+11:04	68	15m	
156	COMP			↑		
157	2M084857	08:48	+09:26	68	15m	
158	COMP			↑		
159	2M084859	08:48	+09:01	68	12m	
160	COMP			↑		
161	2M084910	08:49	+08:52	68	15m	
162	COMP			↑		
163	2M084913	08:49	+11:49	68	12m	
164	COMP			↑		
165	2M084912	08:49	+08:12	68	17m	em
166	COMP			↑		
167	2M084913	08:49	+06:54	68	15m	em
168	COMP			↑		
169	2M084914	08:49	+08:51	68	10m	bright * to E
170	COMP			↑		
171	029.29, 29	11:10	+28:26	59	15m	em
172	COMP			↑		seeing worse
173	029.30	11:10	+28:41	59	9m	em clouds moving in from W
174	COMP			↑		
175	029.31	11:10	+28:47	59	10m	
176	COMP			↑		
177	029.34	11:10	+28:43	59	4m	
178	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>PB</u>		Grating: <u>300L</u>				Page: <u>5904</u>
PI: <u>Kircher & Andi</u>		Date: <u>1/1/98</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
179	SN1997eg	13:11	+22:55	2	15m	nice.
180	COMP			↑		
181	rg1029.35	11:10	+29:03	S9	10m	
182	COMP			↑		
183	029.36M	11:10	+28:46	S9	4m	middle part
184	029.36N	11:10	+28:46	S9	3m	NE part
185	COMP			↑		
186	029.38	11:10	+28:41	S9	3m	
187	COMP			↑		
188	029.39	11:10	+28:16	S9	3m	
189	COMP			↑		
190	029.40	11:10	+28:53	S9	15m	Scorpius has emerged from behind the sun!!
191	COMP			↑		
192	029.43	11:10	+28:39	S9	3m	Bright zodiacal light scattered clouds
193	COMP			↑		
194	029.47	11:10	+28:32	S9	3m	
195	COMP			↑		
196	029.48	11:10	+29:19	S9	10m	
197	COMP			↑		
198	SBS425p66	14:25	+10:39	6	5m	stopped short
199	COMP			↑		
200	V5548	14:15	+25:22	6	3m	clouds moving in fast skunked out @ dawn
201	COMP			↑		
202-211	BIAS			0	0s	
212-221	FLAT			0	6s	
222-231	BIAS			0	0s	bumby 2
232-241	FLAT			0	12s	"
242-251	DARK				15m	bumby 4