

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>5985</u>		
Observer: <u>P Berlin</u>		Grating: <u>3002</u>		Date: <u>1/25/98</u>		
PI: <u>All</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	DARK				15m	
6-10	DARK				20m	bin by 2
11-20	BTAS				0s	
21-30	FLAT				6s	
31-40	BIPS				0s	bin by 2
41-50	FLAT				12s	"
51-55	sky	zenith		S7	2s	
56	COMP			↑	6s	clear skies!!
57-58	ZAD	23:53	+48:49	12	1s, 20s	windy
59	COMP			↑		
60-61	AXPer	01:36	+54:15	12	4s, 80s	
62	COMP			↑		
63-64	DLTan	04:27	+26:06	12	12s, 90s	
65				↑		
66-67	DRTan	04:47	+16:58	12	12s, 80s	
68				↑		
69-70	RWPer	05:07	+30:24	12	6s, 30s	
71				↑		
72-73	DLTan	04:33	+25:26	12	30s, 3m	25s, 3m
74	COMP			↑		
75	H214	04:41	+10:59	56	4m	
76	COMP			↑		
77	MRK335	00:03	+19:55	6	3m	
78	COMP			↑		
79	158m 213	00:40	+10:50	56	4m	* to E
80	COMP			↑		
81	N7469	23:03	+08:52	6	2+ m	
82	COMP			↑		
83	971119.25.7029	23:32	+29:14	68	20m	blue eye; JPA; HB @ C500A
84	COMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Huchra & Kirshner
 Spectrograph: FAST
 Grating: 300R
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	2M024146.9	02:29	+12:04	68	12m	disc one
86	COMP			↑		
87	2M024143.4	02:41	+11:56	68	15m	
88	COMP			↑		
89	2M024140.3	02:41	+13:53	68	17m	bin by 2; E+W comps; close
90	COMP			↑		
91	2M024141.9	02:41	+13:51	68	15m	
92	COMP			↑		
93	2M024139.8	02:41	+17:03	68	20m	
94	COMP			↑		
95	2M024138.4	02:41	+15:32	68	20m	* to E
96	COMP			↑		
97	2M024137.8	02:41	+13:59	68	20m	Faint... ^{the} em @ pri 203!
98	COMP			↑		
99	2M024137.1	02:41	+12:29	68	20m	em North part * to E
100	COMP			↑		
101	2M024143.6	02:41	+17:15	68	15m	
102	COMP			↑		
103	2M024145.5	02:41	+14:22	68	15m	still very windy.
104	COMP			↑		
105	2M032546.8	03:25	+25:31	68	20m	em - good. * to E
106	COMP			↑		
107	2M032632.1	03:26	+23:56	68	20m	gap in a - but big in this band ^{near} ch. bay - wk. Na @ 7000 R/10
108	COMP			↑		
109	2M042210.0	04:22	+18:45	68	20m	* to W
110	COMP			↑		
111-112	Hiltner 600	06:12	+02:11	56	45s	bin by 2
113	COMP			↑		
114, 116, 118	SN1997ef	07:57	+49:33	2	20m	x3
115, 117, 119	COMP			↑		

<p>60 inch Telescope log</p> <p>Observer: <u>PB</u></p> <p>PI: <u>Koranyi & Geller</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>3002</u></p> <p>Date: <u>1/25/98</u></p> <p style="text-align: right;">Page: <u>5987</u></p>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
120	mkwl-033	10:01	-02:24	35	10m	wk but ok
121	COMP			↑		
122	.034	09:59	-02:51	35	15m	North part
123	COMP			↑		
124	.035	09:58	-03:20	35	15m	windy; seeing good.
125	COMP			↑		
126	.036	09:58	-02:55	35	12m	em
127	COMP			↑		
128	.037	10:00	-02:59	35	15m	em
129	COMP			↑		
130	a/367.4268	11:55	+7:20	64	4m	
131	COMP			↑		
132	.447	11:35	+21:43	64	3m	
133	COMP			↑		
134	.517	11:34	+21:16	64	3m	
135	COMP			↑		
136	.551	11:28	+21:05	64	8m	em +
137	COMP			↑		
138	.602	11:28	+20:44	64	2m	
139	COMP			↑		
140	.634	11:30	+20:25	64	8m	+ to E em
141	COMP			↑		
142	.643	11:31	+20:29	64	5m	em
143	COMP			↑		
144	.936	11:47	+23:37	64	2m	
145	COMP			↑		
146	.963	11:34	+23:31	64	2m	
147	COMP			↑		
148	.965	11:40	+23:31	64	2m	
149	COMP			↑		

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<p>60 inch Telescope Log</p> <p>Observer: <u>PP</u></p> <p>PI: <u>Geller</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>300R</u></p> <p>Date: <u>1/25/98</u></p> <p style="text-align: right;">Page: <u>5988</u></p>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
150	a1367.1009	11:38	+23:19	64	3m	
151	COMP			↑		
152	.1013	11:40	+23:20	64	3m	
153	COMP			↑		
154	.1054	11:41	+23:10	64	5m	em
155	COMP			↑		
156	.1062	11:44	+23:06	64	4m	
157	COMP			↑		
158	.1068	11:47	+23:06	64	5m	em
159	COMP			↑		
160	.1083	11:51	+23:05	64	4m	
161	COMP			↑		
162	.1097	11:58	+22:56	64	5m	
163	COMP			↑		
164	.1101	11:40	+22:51	64	4m	
165	COMP			↑		
166	.1153	11:52	22:45	64	7m	em
167	COMP			↑		
168	.1159	11:55	22:43	64	4m	
169	COMP			↑		
170	.1180	11:39	22:29	64	6m	em
171	COMP			↑		
172	.1196	11:45	22:07	64	7m	em
173	COMP			↑		
174	.1252	11:56	+22:21	64	5m	
175	COMP			↑		
176	.1270	11:37	+22:01	64	4m	
177	COMP			↑		
178	.1289	11:47	+22:03	64	6m	
179	COMP			↑		

60 inch Telescope Log
 Observer: RB
 PI: Geller & Kuranyi

Spectrograph: FAST
 Grating: 300L
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
180	a1367.1294	11:48	+22:10	64	6m	em +
181	COMP			↑		
182	.1300	11:50	+22:10	64	6m	em
183	COMP			↑		
184	.1313	11:51	+22:08	64	4m	
185	COMP			↑		
186	.1318	11:56	+22:07	64	4m	
187	COMP			↑		
188	.1401	11:45	+22:38	64	6m	to E em +
189	COMP			↑		
190	.1409	11:52	+22:35	64	4m	North part
191	COMP			↑		wk but lines look ok
192	.1454	11:45	+22:26	64	6m	
193	COMP			↑		
194	.1458	11:48	+22:31	64	12m	wk; H _α em ptr 2055
195	COMP			↑		
196	.1463	11:49	+22:24	64	5m	
197	COMP			↑		
198	.1473	11:52	+22:31	64	5m	
199	COMP			↑		
200	.1480	11:54	+22:26	64	4m	
201	COMP			↑		
202	mK44-03	12:04	+01:34	35	2m	
203	COMP			↑		
204	-6	12:05	+02:29	35	2m	
205	COMP			↑		
206	-9	12:04	+01:48	35	2m	
207	COMP			↑		
208	-11	12:05	+01:49	35	2m	
209	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>5990</u>
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PI: <u>Koranyi</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
210	mkw4-12	12:03	+02:02	35	90s	still windy - all night
211	COMP			↑		
212	.13	12:05	+01:34	35	2m	
213	COMP			↑		
214	.14	12:02	+01:57	35	2m	wk
215	COMP			↑		
216	.15	12:03	+01:53	35	10m	em
217	COMP			↑		
218	.16	12:04	+01:50	35	2m	
219	COMP			↑		
220	N5548	14:15	+25:22	6	3m	
221	COMP			↑		
222	MRK271	13:51	+19:33	6	3m	
223	COMP			↑		
224	N4258	12:16	+17:34	6	2m	
225	COMP			↑		
226	N4051	12:00	+14:48	6	2m	
227	COMP			↑		clear @ dawn
228	N4151	12:06	+19:41	6	30s	
229	COMP			↑		
230-231	F07666	12:34	+25:70	56	1m	
232	COMP			↑		
233-234	H244	13:21	+26:23	56	90s	
235	COMP			↑		
236-245	BDAS			0	0s	
246-255	FLAT			0	6s	
256-265	BDAS			0	0s	bmbz 2
266-275	FLAT			0	12s	"

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266-275