

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>7572</u>
Observer: <u>PBerlind</u>				Grating: <u>300L</u>		
PI: <u>Magrath</u>				Date: <u>9/19/99</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	huge rain storm today!
21-30	FLAT				7s	3" slit
31-40	BIAS				0s	
41-50	FLAT				14s	
51-60	FLAT				10s	2" slit ↓
61-64	1Pcy			87	1s	
65	COMP			↑		open ~ 11:30 pm
66-68	Gal 795			87	1s	
69	COMP			↑		clouds
70-72	Tau Aqr			87	1s	
73	COMP			↑		
74-76	77 Aqr			87	1s	
77	COMP			↑		
78-80	99 Aqr			87	1s	
81	COMP			↑		
82-84	The Psc			87	1s	
85	COMP			↑		
86-88	Gal 892			87	1s	
89	COMP			↑		
90-92	BS 9038			87	1s	
93	COMP			↑		
94-96	HDF 2281	20:10	+10:07	86	5s	3" slit ↓
97	COMP			↑		
98	Gal 9-084	20:48	+01:14	64	5m	clearing
99	COMP			↑		
100	083	20:50	-01:42	64	4m	
101	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Kan/MON

Spectrograph: FAST

Grating: 3000

Date: 9/19/99

Page: 7573

Number	Object	R.A.	Dec.	L/R	Exp	Comments
102	g119-685	00:56	+02:20	64	2"	MAT in cloud.
103	COMP			↑		
104	Obj	00:56	-02:56	64	8m	
105	COMP			↑		
106	094	00:53	-03:56	64	4m	
107	COMP			↑		
108	095	00:58	-01:11	64	4m	nice Sy! → Fog!
109	COMP			↑		close
110	096	00:52	+02:25	64	4m	open again later
111	COMP			↑		long, select
112	101	01:07	+0:54	64	3m	
113	COMP			↑		
114	102	00:57	-02:48	64	4m	
115	COMP			↑		
116	103	00:47	-03:21	64	3m	
117	COMP			↑		
118	104	01:01	-0:54	64	4m	
119	COMP			↑		
120	105	00:41	-01:21	64	7m	
121	COMP			↑		
122	107	01:10	+02:20	64	3m	
123	COMP			↑		
124	108	00:51	+01:22	64	3m	
125	COMP			↑		
126	109	01:06	+01:21	64	3m	
127	COMP			↑		
128	110	00:49	-03:27	64	4m	
129	COMP			↑		
130	117	00:54	-01:25	64	4m	
131	COMP			↑		

Mat Lal

60 inch Telescope Log

Observer: PB

PI: Boyer/Ken

Spectrograph: FAST

Grating: 3000

Date: 9/19/99

Page: 7574

Number	Object	R.A.	Dec.	L/R	Exp	Comments
132	g119-113	00:55	-03:26	64	3m	ext gal to W
133	CMP			↑		
134	114	00:54	-01:34	64	3m	
135	CMP			↑		
136	115	01:02	-04:01	64	3m	
137	CMP			↑		
138	116	01:07	+10:19	64	3m	
139	CMP			↑		
140	117	00:52	-03:32	64	5m	
141	CMP			↑		
142	119	00:56	+10:37	64	3m	
143	CMP			↑		
144	SN1999 dq	02:57	+20:58	2	20m	PA=31
145	CMP			↑		
146	N000332	04:41	-01:18	111	5m	PA=90
147	CMP			↑		
148	N000935	04:53	+04:03	14	4m	
149	CMP			↑		
150	A000186	05:16	-00:09	111	3m	class2. stellar
151	CMP			↑		
152	Z012609	05:08	+17:21	111	3m	SW gal
153	CMP			↑		
154	Z012609 B	05:08	+17:22	111	6m	NE gal
155	CMP			↑		
156	Z010276	06:	+45	111	5m	
157	CMP			↑		
158-161	COOii	05:27	+11:23	89	20, 21m	H+Ken!
160	CMP			↑		
161-2	HKOr	05:28	+12:07	89	20, 20m	
163	CMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>7575</u>	
Observer: <u>PB</u>			Grating: <u>300L</u>			
PI: <u>Calvet</u>			Date: <u>9/19/99</u>			
Number	Object	R. A.	Dec.	L/B	Exp	Comments
164-5	HD245185	05:23	+9:59	89	5s, 25s	
166	COMP			↑		
167-168	BANDI	05:31	+00:45	89	10s, 20s	
169	COMP			↑		
170-172	PIOR	05:26	-06:10	89	10s, 1m	
173	COMP			↑		delay @ 48.
174-175	UXOR	05:02	-03:51	89	0s, 30s	
176	COMP			↑		
177-178	RYORI	05:29	-02:51	89	1m, 1/2	
179	COMP			↑		
180-181	PIB91	05:31	-05:38	89	1m, 10s	
182	COMP			↑		
183-184	G191028	05:01	+52:45	86	2m	PA=15
185	COMP			↑		
186-188	HD14372			89	2s	PA=90
189	COMP			↑		
190-192	HD21449			89	2s	
193	COMP			↑		
194-196	HD23524			89	2s	
197	COMP			↑		
198-200	HD23585			89	2s	
201	COMP			↑		
202-204	HD26911			89	2s	
205	COMP			↑		
206-208	HD27524			89	2s	
209	COMP			↑		
210-212	HD39578			89	2s	
213	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>7576</u>	
Observer: <u>PB</u>			Grating: <u>3022 2"/3"</u>			
PI: <u>Messath</u>			Date: <u>9/19/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
214-216	39 Ari			87	1s	2" slit ↓
217	COMP			↑		
218-220	Del Ari			87	1s	
221	COMP			↑		
222-224	GSAHD			87	1s	
225	COMP			↑		
226-228	Kap Pa			87	1s	
229	COMP			↑		
230-232	Sig Pa			87	1s	
233	COMP			↑		
234-237	Ups Aur			87	1s	
238	COMP			↑		
239-241	HDS 2971	06:57	+2213	57	4s	
242	COMP			↑		
243-245	AGK2	07:17	+1459	67	4s	
246	COMP			↑		
247-256	FLAT			87	10s	
257-261	sky	zenith		87	3s	3" slit ↓
262	COMP			↑		
263-272	BIAS				0s	
273-282	FLAT				7s	
283-292	BIAS				0s	scattered clouds
293-302	FLAT				14s	@ dawn
303-312	DARK				20m	
						<del>★ END OF FAST RUN</del>
						~