

to: Tokarz
 Flat Susan
 PY 1 of 6

60 inch Telescope log

Observer: P. Berline

PI: Andi

Spectrograph: FAST

Grating: 300.0

Date: 12/15/99

Page: 8080

Number	Object	R.A.	Dec.	L/R	Exp	Comments
110	BRAS				08	
1120	FLAT				78	
2130	BRAS				08	
3140	FLAT				145	
4145	SKY			56	2s	
46	COMP			↑		of 1111 stars
47-48	M31	0040	+4059	55	92s	
49	WAP			↑		
50-51	M22	0039	+40	57	45s	
52	WAP			↑		
53	225m280	0039	+4121	57	4m	
54	WAP			↑		
55-57	HD217086	2254	+6227	56	5s	
58	WAP			↑		
59	Scrabs 075013	0037	+619	59	5m	wh
60	COMP			↑		
61	041	0037	+6556	59	5m	
62	WAP			↑		
63	045	0037	+7508	59	10m	
64	WAP			↑		
65	098	0043	+7448	59	10m	
66	WAP			↑		
67	104	0044	+7672	59	5m	
68	WAP			↑		
69	105	0044	+7414	59	10m	
70	WAP			↑		
71	107	0044	+7630	59	4m	
72	WAP			↑		
73	109	0044	+7444	59	10m	
74	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8061</u>	
Observer: <u>PB</u>			Grating: <u>300R</u>			
PI: <u>Andi</u>			Date: <u>12/15/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
75	src 6075.122	0045	+2515	59	5m	
76	COMP			↑		
77	SNage317	0057	+4347	2	15m	PA=0
78	COMP			↑		
79	src 6075.115	00:45	+2546	59	8m	
80	COMP			↑		
81	117.118	00:45	+2416	59	12m	PA=22; bin by 2. 2 gals
82	COMP			↑		
						1180 row 74 → 1170 row 77
83	123.124	00:45	+2512	59	6m	PA=65; 2 gals
84	COMP			↑		
						1240 row 83 → 1230 row 80
85	127	00:46	+2508	59	7m	
86	COMP			↑		
87	129	00:46	+2409	59	5m	
88	COMP			↑		
89	130	00:46	+2458	59	5m	
90	COMP			↑		
91	131	00:46	+2602	59	6m	
92	COMP			↑		
93	132	00:46	+2555	59	6m	
94	COMP			↑		
95	133	00:46	+2508	59	6m	
96	COMP			↑		
97	135	00:46	+2537	59	4m	
98	COMP			↑		
99	SN1999dg	0220	+20	2	20m	PA=11
100	COMP			↑		
101	022219 pos 2L	02:22	+57:02	83	5m	PA=40
102	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>082</u>	
Observer: <u>AB</u>				Grating: <u>WAL</u>			
PI: <u>Ann</u>				Date: <u>12/15/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
103	022220p5705	02:22	+57:05	83	9m		
104	COMP			↑		Secondary wave	
105	022222p5705	02:22	+57:05	83	10m		
106	COMP			↑			
107	022222p5710	02:22	+57:10	83	7m	close comp to NE ♂	
108	COMP			↑			
109	022227p5711	02:22	+57:11	83	5m		
110	COMP			↑			
111	022227p5711	02:22	+57:11	83	5m		
112	COMP			↑			
113	022229p5708	02:22	+57:08	83	5m		
114	COMP			↑			
115	022233p5711	02:22	+57:11	83	5m		
116	COMP			↑			
117	022233p5715	02:22	+57:15	83	15m		
118	COMP			↑			
119	022235p5712	02:22	+57:12	83	15m		
120	COMP			↑			
121	022237p5703	02:22	+57:03	83	12m		
122	COMP			↑			
123	022238p5703	02:22	+57:03	83	10m		
124	COMP			↑			
125	022238p5711	02:22	+57:11	83	5m		
126	COMP			↑			
127	SN1999em	04:41	-02:51	2	10m	bin by 4 PA=10	
128	COMP			↑			
129	022240p5706	02:22	+57:06	83	7m		
130	COMP			↑			
131	022242p5704	02:22	+57:04	83	12m		
132	COMP			↑			

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>8083</u>
Observer: <u>PB</u>				Grating: <u>300L</u>		
PI: <u>Ann/Nuria/Ken</u>				Date: <u>12/15/99</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
133	022245p5701	02:22	+5701	83	8m	
134	WMP			↑		
135	022245p5712	02:22	+5712	83	12m	
136	WMP			↑		
137	022245p5708	02:22	+5708	83	4m	
138	WMP			↑		
139	022245p5705	02:23	+5705	83	10m	
140	WMP			↑		
141	qusonb 45177	05:41	-0143	112	10m	PA-OL
142	WMP			↑		
143	Ab. 45110	05:41	-0701	112	20m	extended H α emission
144	WMP			↑		all air cond.
145	Hiltnerbed	06:12	+172	56	45s	
147	WMP			↑		
148	qusonb 45135	05:51	-0143	112	12m	
149	WMP			↑		
150	62015	05:52	-0149	112	12m	
151	WMP			↑		
152	a5766-123	07:12	+18:10	64	12m	finishes notebook
153	WMP			↑		
154	124	07:12	+18:03	64	12m	
155	WMP			↑		
156	127	07:12	+18:02	64	8m	
157	WMP			↑		
158	125	07:12	+18:02	64	8m	
159	WMP			↑		
160	126	07:12	+18:29	64	12m	
161	WMP			↑		
162	128	07:12	+18:49	64	12m	finishes notebook
163	WMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>8084</u>
Observer: <u>PB</u>		Grating: <u>300</u>		Date: <u>12/15/99</u>		
PI: <u>Falco / And.</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
164	SN1999gi	10:18	+11:26	Z	10m	PA=70
165	COMP			T		
166	Faye 31	10:31	+11:5	56	90s	PA=70
167	COMP			T		
168	D9352p2824	06:38	+24:53	84	5m	PA=70
169	COMP			T		
170	09093p3815	09:12	+35:03	84	4m	→ sup star on nucleus. redo from 4/8/99
171	09093p3815	"	"	84	15m	→ all galaxy
172	COMP			T		
173	09363p368	09:39	+16:34	84	5m	
174	COMP			T		
175	09356p1117	09:28	+17:02	84	4m	
176	COMP			T		
177	09367p1920	09:39	+19:07	84	4m	
178	COMP			T		
179	09391p1112	09:41	+11:28	84	2m	↓ to E
180	COMP			T		
181	09337p1133	09:33	+11:19	84	10m	
182	COMP			T		
183	SN1999gh	09:44	-21:16	Z	12m	PA=0
184	COMP			T		
185	09343p1020	09:26	-02:34	84	5m	
186	COMP			T		
187	5528169.125	11:18	-07:34	59	12m	PA=90
188	COMP			T		
189	177	11:18	-06:04	59	9m	
190	COMP			T		
191	179	11:19	-06:35	59	15m	
192	COMP			T		

60 inch Telescope Log

Observer: PB

PI: _____

Spectrograph: FAST

Grating: 3002

Date: 12/14/99

Page: 8084(a)

Number	Object	R. A.	Dec.	L/R	Exp	Comments
193	SS26164.181	11:19	-07:27	S9	12m	
194	COMP			↑		
195	208	11:22	-07:03	S9	6m	
196	COMP			↑		
197	SNmag 4653	12:13	-07:32	Z	15m	PA=-30
198	COMP			↑		
199	H244	13:21	+X	S6	2m	PA=90
200	COMP			↑		
201	MRK421	11:01	+39:12	6	4m	
202	COMP			↑		
203	NH051	12:00	+14:48	6	2m	
204	COMP			↑		
205-7	NH151	12:08	+39:41	6	1m. 2x	
208	COMP			↑		clear @ dawn!
219-218	IBMS				03	
219-219	FLAT				7s	
219-220	IBMS				03	
219-221	FLAT				Ms	
249-256	DARK				15m	

★ END OF FAST Run ★