

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>7659</u>	
Observer: <u>Pberlind</u>			Grating: <u>300R</u>			
PI: <u>Huchra</u>			Date: <u>10/16/99</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
110	DARK				15m	
11-10	BDAS				0s	
21-50	FLAT				7s	Solid clouds
31-110	BDAS				0s	
41-50	FLAT				11s	open @ 10:45 pm
51	XTE01658p22	18 53	+27 39	69	3m	clouds sit + wait
52				†		rain in BV
53	ZM234449.9	2341	+28 29	69	6m	
54	COMP			†		
55	ZM234442.8	2344	+28 15	68	8m	
56	COMP			†		
57	ZM234444.0	2341	+29 51	68	8m	
58	COMP			†		clouds...
59	ZM234513.1	2345	+28 03	68	5m	
60	COMP			†		poor seeing
61	ZM234519.5	2345	+27 59	68	5m	
62	COMP			†		
63	ZM235536.4	2353	+28 26	68	8m	
64	COMP			†		
65	ZM235532.2	2353	+29 15	68	5m	
66	COMP			†		
67	ZM235536.2	2353	+29 20	68	4m	
68	COMP			†		clearing!
69	ZM235536.0	23 53	+28 26	68	4m	
70	COMP			†		
71	ZM235532.9	23 53	+27 58	68	4m	
72	COMP			†		
73	ZM235638.1	23 56	+26 34	69	4m	
74	COMP			†		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>7660</u>
Observer: <u>PB</u>		Grating: <u>300R</u>		Date: <u>10/16/99</u>		
PI: <u>Brady/Kayon</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
75	2M235705.2	23:57	+25:46	68	4m	cold + windy!
76	COMP			↑		
77	2M235219.6	23:52	+27:45	68	15m	
78	COMP			↑		
79,81	SN1999db	01:43	+04:13	2	15m	PA=15 for both
80,82	COMP			↑		not too bad!
83	022219p57	02:22	+57:10	83	5m	PA=90
84	COMP			↑		
85	022221p57	02	+57	83	5m	
86	COMP			↑		
87	022220p57	02:22	+57:12	83	3m	5m
88	022220p57	02:22	+57:12	83	6m	NT
89	COMP			↑		
90	022219p57	02:22	+57:13	83	4m	
91	COMP			↑		
92	022222p57	02:22	+57:11	83	6m	
93				↑		
94	022223p5703	02:22	+57:03	83	4m	
95	COMP			↑		
96	022223p5706	02:22	+57:06	83	6m	
97	COMP			↑		
98	022223p5711	02:22	+57:10	83	10m	
99	COMP			↑		
100	022138p5706	02:21	+17:02	83	5m	
101	COMP			↑		
102	022138p5714	02:21	+57:14	83	5m	
103	COMP			↑		
104	022142p5710	02:21	+57:10	83	5m	
105	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>7661</u>
Observer: <u>PB</u>				Grating: <u>3000</u>		
PI: <u>Brang & Kanyon</u>				Date: <u>10/16/99</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
106	022225p5705	02:22	+57:05	83	1/2	
107	CMP			f		
108	02222 Sp 5708	02:22	+57:08	83	4m	
109	CMP			f		
110	022226p5703	02:22	+57:03	83	4m	
111	CMP			f		
112	022221p57	02:22	+57:12	83	8m	
113	CMP			f		
114	022228p5707	02:22	+57:07	83	6m	
115	CMP			f		
116	022228 p 5715	02:22	+57:15	83	4m	
117	CMP			f		
118	022229p5704	02:22	+57:04	83	4m	
119	CMP			f		
120	022229p5711	02:22	+57:12	83	3m	
121	CMP			f		
122	022220p1135	02:22	+57:11	83	4m	
123	CMP			f		
124	022230p5714	02:22	+57:14	83	3m	
125	CMP			f		
126-7	022222p57	02:22	+57:03	83	2m, 6m	
128	CMP			f		
129	022235p57	02:22	+57:01	83	1m	
130	CMP			f		
131	022235p5709	02:22	+57:09	83	6m	
132	CMP			f		
133	022238p5713	02:22	+57:13	83	3m	
134	CMP			f		
135	022241p57	02:22	+57:10	83	7m	
136	CMP			f		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>762</u>
Observer: <u>PB</u>				Grating: <u>300L</u>		
PI: <u>Rines/Geller</u>				Date: <u>10/16/99</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
137	G191B2B	07:01	+52:45	56	2m	seeing better!
138	COMP			↑		
140	G5766.003	07:29	+56:59	69	4m	
141	COMP			↑		
142	004	07:14	+55:07	69	4m	
143	COMP			↑		
144	005	07:16	+54:30	69	4m	
145	COMP			↑		
146	006	07:26	+56:41	69	4m	
147	COMP			↑		
148	007	07:28	+56:49	69	4m	
149	COMP			↑		
150	008	07:26	+56:33	69	4m	
151	COMP			↑		
152	009	07:29	+56:51	69	4m	
153	COMP			↑		
154	010	07:33	+54:15	69	4m	
155	COMP			↑		
156	011	07:24	+54:39	69	4m	extra gal in slit told
157	COMP			↑		
158	012	07:25	+56:41	69	6m	
159	COMP			↑		
160	013	07:13	+56:30	69	4m	
161	COMP			↑		
162	014	07:19	+54:48	69	4m	
163	COMP			↑		
164	015	07:12	+55:04	69	4m	
165	COMP			↑		
166	016	07:11	+55:18	69	5m	
167	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: All

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
168	9 5766-017	07:30	+56:54	67	5m	
169	comp			↑		
170	NGC 770	06:54	+04:56	57	2m	PA=0 ↓
171	comp			↑		
172-173	Hiltner 600	06:42	+02	56	4.5s	PA=0
174	comp			↑		
175	ZM J051048	05:10	+84:54	88	3m	PA=90 ↓ is bimby 2
176	comp			↑		sup ±? redo!
177	ZM J052822	05:28	+79:35	88	5m	em
178	comp			↑		
179	ZM J0544	05:44	+79:33	88	3m	
180	comp			↑		
181-183	HDS 2971	06:57	+27	57	5s	clear + cold
184	comp			↑		o dawn
185-187	HDS 0896	06:54	+23:55	57	4s	
188	comp			↑		
189-193	sky	Zenith		57		
194	comp			↑		
195-201	BIAS				0s	
205-214	FLAT				7s	
215-224	BIAS				0s	
225-231	FLAT				14s	
235-241	DARK				15m	