

60 inch Telescope Log
 Observer: P Berlin
 PI: Greenly, Kirshner, Hutchins
 Spectrograph: FAST
 Grating: 3002
 Date: 7/1/98
 Page: 6401

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	FLAT				4s	5" slit
11-20	BIAS				0s	3" slit ↓
21-30	FLAT				6s	
31-40	BIAS				0s	bin by 2
41-50	FLAT				12s	↑
51-55	N4151	12:08	+39:41	6		
56	COMP			↑		clear skies
57-58	N4151	12:08	+39:41	6	15s, 30s	
59	COMP			↑		
60-61	AGD _a	16:01	+66:48	12	2s, 20s	
62	COMP			↑		
63-67	HD156074	17:11	+42:09	79	5s-2s	
68	COMP			↑		
69-71	p23.2998	16:45	+23:18	79	5-10s	
72	COMP			↑		
73-76	HD122547	13:59	+33:03	79	5-10s	
77	COMP			↑		seeing 2"
78-80	p30.2657	15:15	+29:47	79	10s	
81	COMP			↑		
82	N5548	14:15	+25:21	6	3m	
83	COMP			↑		
84	H244	13:21	+36:23	56	2m	bin by 2
85	COMP			↑		
86	SN1998bu	10:46	+11:50	2	10m	
87	COMP			↑		
88	SN1998ag	11:56	+55:07	2	10m	
89	COMP			↑		PA=10
90,92	10067p6310	10:10:17	+62:55:14	68	15m	oh boy. bright sky. scot left
91,93	COMP			↓		from bright k. 2 comps
94-95	brt. star	10:10	+62:55	68	1s	1 LSB @ rows 30-38

only 95 to data base
 (that is, not 94)

2 @ row 50 - em @ pix 2612
 in both images
 → CatL break @ ~4400 Å (?)

60 inch Telescope Log

Observer: PB


PI: Greenberg, Krashinsky, Huchra, & Garcia

Spectrograph: FAST

Grating: 3002

Page: 6402

Date: 7/1/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
96	SN1998S	11:46	+17:28	2	15m	PA=90
97	WMP			↑		
98	1326 p2825	13:26	+28:11	79	15m	M dwarf
99	WMP			↑		
100	1326 p282	13:26	+28:11	79	10m	PA=20 
101	WMP			↑		
102,104	SN1998ct	15:51	+21:56	2	15m	PA=3
103,105	WMP			↑		
106,108	1708 m147	17:08	-14:45	79	5m	PA=3
107,109	WMP			↑		
110-112	p83.442	15:10	+82:56	79	10s	PA=90
113	WMP			↑		
114-116	p17.3325	17:43	+77:13	79	5s	
117	WMP			↑		
118	ZM160542.7	16:05	+16:14	68	20m	
119	WMP			↑		
120	ZM160543.2	16:05	+16:24	68	20m	
121	WMP			↑		Finally the moon sets
122	ZM160528.8	16:05	+14:30	68	20m	
123	WMP			↑		
124	XTE J2123.0058	21:23	-05:47	65	20m	12:45
125	WMP			↑		
126	ZM160541.8	16:05	+15:40	68	20m	
127	WMP			↑		
128	ZM163205.1	16:32	+18:32	68	15m	
129	WMP			↑		
130	XTE J2123.0058	21:23	-05:47	65	20m	
131	WMP			↑		
132	ZM163205.1	16:32	+18:32	68	75m	
133	WMP			↑		

60 inch Telescope Log

Observer: PB

PI: Misc.

Spectrograph: FAST

Grating: 3W2

Page: 6403

Date: 7/1/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
134	2M174540.8	17:45	+23:31	68	20m	Seems 2x" wk
135	COMP			↑		
136	XTEJ2123.058	21:23	-05:47	65	20m	Seems even worse
137	COMP			↑		
138	Sagel-276	23:15	+06:42	73	12m	
139	COMP			↑		humidity ↑↑
140	Sagel-278-279	23:17	+18:42	73	15m	monsoon moisture
141	COMP			↑		creeping in!
142	XTEJ2123.058	21:23	-05:47	65	20m	Seems better
143	COMP			↑		
144	3C390.3	18:45	+19:43	6	10m	
145	COMP			↑		
146	N7331	22:54	+34:09	57	3m	
147	COMP			↑		
148	MRK335	0:03	+19:55	6	3m	
149	COMP			↑		
150	N7469	23:03	+08:52	6	2m	
151	COMP			↑		
152-153	BDP 284211	21:48	+18:37	56	30s	
154	COMP			↑		
155-156	AGP ₂₈	21:51	+12:37	17	12s, 0.5x	
157	COMP			↑		
158-159	ZAm	23:33	+48:49	12	20s, 1.5	
160	COMP			↑		
161-163	HD 17066	22:54	+6:27	56	5s	
164	COMP			↑		
165-166	CIC ₂₈	19:50	+35:41	12	30s, 1.5	
167	COMP			↑		
168-170	HD 192381	20:40	+40:07	56	5s	
171	COMP			↑		

140 278 = W } checked
 279 = E } c Battery

60 inch Telescope Log

Observer: PB

Fl: Green

Spectrograph: FAST

Grating: 300

Date: 7/1/98

Page: 6404

Number	Object	R.A.	Dec.	L/R	Exp	Comments
172-173	Fogello	23:17	-05:26	56	90s	1.26
174	COMP			↑		
175-177	HD227075	00:01	+03:29	79	1s	clear & humid @ dawn
178	COMP			↑		
179-181	HD7561	01:16	+25:46	79	3s	
182	COMP			↑		
183-192	BIAS			0	0s	
193-202	FLAT			0	6s	
203-212	BIAS				0s	bin by 2
213-222	FLAT				12	"
223-232	DARK				20m	bin by 4
						★END of FAST Run★