

60 inch Telescope Log		Spectrograph: <u>EAST</u>		Page: <u>8055</u>		
Observer: <u>A. Mahajan</u>		Grating: <u>300</u>		Date: <u>Dec 9, 1999</u>		
PI: <u>All/Mahajan/Braga</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					Cirrus, lots of cirrus
11-20	FLAT				6s	
21-30	FLAT				12s	Bin by 2
31-40	BIAS					↓
41-45	DARK				15m	Bin by 4
46-50	SKY				3s	Cloudy flats
51	COMP			↑		
52	Frige 110	23:20	-5:26	56	5m	Very cloudy, but can see
53	COMP			↑		bright objects.
54	MSI			57	2m	
55	COMP			↑		
56	src 6075.042	00:37:41	25:28:10	59	12m	
57	COMP			↑		
58	src 6075.070	00:40:25	24:26:33	59	10m	
59	COMP			↑		
60	src 6075.071	00:40:30	25:01:24	59	15m	
61	COMP			↑		
62	022150p571552			83	10m	
63	COMP			↑		
64	022201p570559			83	18m	
65	COMP			↑		
66	022220p571536			83	7m	
67	COMP			↑		
68	022228p571538			83	12m	
69	COMP			↑		
70	022253p571144			83	10m	
71	COMP			↑		
72	022256p571143			83	5m	Accidentally moved to 74
73	COMP			↑		before long comparison exposure.
74	022258p571107			83	8m	Moved back to 72, took this comparison exposure.

60 inch Telescope Log  
 Observer: A Mahdavi  
 PI: Bray  
 Spectrograph: FAST  
 Grating: 300  
 Date: Dec 9, 1999  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
75	COMP			↑		
76	022254p571212			83	8 <sup>m</sup>	
77	COMP			↑		
78	022300p570812			83	6 <sup>m</sup>	
79	COMP			↑		
80	022301p570715			83	6 <sup>m</sup>	
81	COMP			↑		
82	022302p571024			83	6 <sup>m</sup>	
83	COMP			↑		
84	022304p570737			83	3 <sup>m</sup>	
85	COMP			↑		
86	022304p571007			83	6 <sup>m</sup>	
87	COMP			↑		
88	022305p570657			83	6 <sup>m</sup>	
89	COMP			↑		
90	022308p570905			83	10 <sup>m</sup>	
91	COMP			↑		
92	022152p565453			83	20 <sup>m</sup>	
93	COMP			↑		
94	022238p571143			83	10 <sup>m</sup>	
95	COMP			↑		
96	022245p571140			83	20 <sup>m</sup>	
97	COMP			↑		
98	022246p571107			83	15 <sup>m</sup>	
99	COMP			↑		
100	022258p570216			83	18 <sup>m</sup>	
101	COMP			↑		
102	022301p570306			83	20 <sup>m</sup>	
103	COMP			↑		
104	022302p570801			83	18 <sup>m</sup>	Interspersed clouds

60 inch Telescope Log  
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 PI: Bragg/Kirshner/Calvet/Mahdavi  
 Spectrograph: EAST  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
105	COMP			↑		
106	022301p570854			83	18m	
107	COMP			↑		
108	SN1999 em	4:41:23	-2:51:43	2	15m	13m by 2
109	COMP			↑		
110	Hiltner 600	6:42:37	7:11:25	56	90°	
111	COMP			↑		
112	quasar - 56362	5:52:33	00:01:02	112	25m	Continually cloudy
113	COMP			↑		
114	quasar - 57817	5:34:51.5	-1:23:46	112	16m	
115	COMP			↑		
116	quasar - 49242	5:34:52.9	-0:32:59	112	15m	
117	COMP			↑		
118	SNN3184	10:18:16.7	41:26:28	2	5m	Not rotated
119	COMP			↑	125	
120	SNN3184	↓	↓	2	10m	Rotated to 80°
121	COMP			↑	125	
122	quasar 1649316	5:37:57.2	-0:48:10	112	12m	
123	COMP			↑		
124	ngc110.166	11:02:17.4	10:30:24	59	12m	
125	COMP			↑		
126	ngc110.168	11:02:24	10:20:35	59	15m	
127	COMP			↑		
128	ngc110.131E	11:00:19.2	10:02:48	59	9m	
129	COMP			↑		
130	ngc110.131W			59	9m	Star to W
131	COMP			↑		
132	SN 1999 gh			2	10m	Rotated to -3°
133	COMP			↑	125	
134	ss26164.191	11:20:51.2	-8:6:21	59	9m	

60 inch Telescope Log

Observer: A. Mahdavi

PI: Mahdavi

Spectrograph: FAST

Grating: 300

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
135	COMP			↑		
136	SS 26164.192	11:20:54.5	-7:00:47	S9	15 <sup>m</sup>	
137	COMP			↑		
138	SS 26164.193	11:21:09.0	-8:19:51	S9	12 <sup>m</sup>	
139	COMP			↑		
140	SS 26164.194	11:21:17.5	-8:44:01	S9	12 <sup>m</sup>	
141	COMP			↑		
142	FEIGER 4			S6	90 <sup>s</sup>	
143	COMP			↑		
144	N 3377			S7	60 <sup>s</sup>	
145	COMP			↑		
146-155	BIAS					
156-165	FLAT				6 <sup>s</sup>	
166-175	FLAT				12 <sup>s</sup>	13m by 2 ↓
176-185	BIAS					
186-190	DARK					