

60 inch Telescope Log

Observer: PBernd

PI: Andi

Spectrograph: FAST

Grating: 3002

Date: 9/4/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	DARK				20m	
11-20	BIBS				0s	clear skies!
21-30	FLAT				7s	
31-40	BIBS				0s	
41-50	FLAT				14s	
51-55	sky	zenith		57	3s	
56	COMP			↑	5s	
57	N 5866			57	2m	
58	COMP			↑		
59	NG 5382.152	16:12	+29:39	59	4m	
60	COMP			↑		
61	.154	16:12	+29:32	59	4m	
62	COMP			↑		
63	.152	16:12	+29:34	59	5m	
64	COMP			↑		
65	.155	16:12	+29:09	59	2m	
66	COMP			↑		
67	.116	16:09	+29:42	59	6m	
68	COMP			↑		
69	.117	16:09	+29:59	59	5m	
70	COMP			↑		
71	.119	16:10	+29:30	59	6m	
72	COMP			↑		
73	.121	16:10	+30:02	59	6m	
74	COMP			↑		
75	.127	16:11	+29:51	59	6m	
76	COMP			↑		
77	.131	16:11	+29:22	59	8m	
78	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Andi

Spectrograph: FAST
 Grating: 300L 3' slit
 Date: 9/4/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
79	NGC 382.132	16:11	+29:29	S9	5m	
80	COMP			↑		
81	.139	16:11	+29:30	S9	10m	
82	COMP			↑		
83	.156	16:12	+29:32	S9	5m	
84	COMP			↑		
85	.157	16:12	+29:52	S9	5m	
86	COMP			↑		
87	.158	16:12	+29:21	S9	2m	
88	COMP			↑		
89	.159	16:12	+29:30	S9	5m	* to E
90	COMP			↑		
91	.160	16:12	+29:38	S9	2m	
92	COMP			↑		
93	.161	16:12	+29:54	S9	4m	
94	COMP			↑		
95	.162	16:12	+29:25	S9	4m	
96	COMP			↑		
97	.163	16:12	+29:19	S9	5m	
98	COMP			↑		
99	.168	16:13	+28:51	S9	5m	
100	COMP			↑		
101	.169	16:13	+28:45	S9	5m	
102	COMP			↑		
103	.170	16:13	+29:55	S9	4m	
104	COMP			↑		
105	.184	16:14	+29:21	S9	8m	
106	COMP			↑		48"
107	.171	16:13	+29:23	S9	8m	wk, etc
108	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>
Observer: <u>PB</u>		Grating: <u>30R</u>
PI: <u>Falco</u>		Date: <u>9/4/99</u>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
109-111	HD192786	20:10	+40:07	56	5s	
112	COMP			↑		
113	17567p5427	17:57	+51:26	84	6m	Double?? - unresolved
114	COMP			↑		
115	17588p7040	17:58	+70:39	84	4m	N gal only
116	COMP			↑		
117	17577p2852	17:59	+78:52	84	2m	bm by 2, star close to W!
118	COMP			↑		
119	18016p2915	18:03	+79:05	84	4m	Double?? ^{IF SO} NOT RESOLVED
120	COMP			↑		
121	17560p1158	17:58	+14:58	84	4'	bm by 2 * to E
122	COMP			↑		
123	18120p6119	18:12	+61:20	84	2m	check coords!
124	COMP			↑		
125	19576p5041	19:59	+50:48	84	4m	* to E
126	COMP			↑		clumpy gal w/ emission
127	20340p1901	20:36	+19:11	84	4m	bright star out of slit to SE - lots of scattered light PA=90 - best.
128	COMP			↑		
129	19548p0429	19:57	+04:35	84	4m	
130	COMP			↑		
131	20393p0525	20:41	+05:35	84	20s	sup star - (all *, bm by 4)
132	20393p0525	"	"	84	10m	bm by 2 - fuzzy get it!
133	COMP			↑		
134	20578p0922	21:10	+09:33	84	5m	→ faint * to W
135	COMP			↑		
136	21081p1835	21:10	+18:47	84	3m	
137	COMP			↑		
138	21004p3630	21:02	+36:41	84	30s	sup star all star
139	21004p3630	"	"	84	5m	Fuzzy to N
140	COMP			↑		reflection nebulae

127 - extracted 3 objects

131 - did not keep; star only - not galaxy

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>7506</u>	
Observer: <u>PB</u>			Grating: <u>300L</u>			
PI: <u>Calvert.</u>			Date: <u>9/4/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
141-142	Dp284211	21:48	+28:37	86	30s	PA=90
143	COMP			↑		
144	21092p3742	21:11	+37:53	84	6m	
145	COMP			↑		
146	21143p1450	21:16	+15:03	84	6m	
147	COMP			↑		
148	21215p1721	21:23	+17:31	84	3m	
149	COMP			↑		
150,152,154	PVCep	20:45	+67:46	89	20m	He all over
151,153,155	COMP			↑		*3 extended cm
156-157	BHCep	22:00	+69:30	89	2m	+ nebulae
158	COMP			↑		
159-160	BoxCep	22:15	+69:48	89	3m	
161	COMP			↑		
162-164	SVCep	22:20	+73:25	89	45, 40s	
165	COMP			↑		
166,167	LKHalp4233	22:32	+40:24	89	5m, 10m	
168	COMP			↑		
169-171	LKHalp4350	22:47	+61:55	89	5m, 10m, 2m	
172	COMP			↑		
173-176	MWC1080	23:15	+60:34	89	8-2m	bin by 2; * to E
177	COMP			↑		
178,179	MacCH1	23:50	+68:09	89	5m, 1.5m	
180	COMP			↑		
						delay to adjust collimation
181	BIAS					
182	SN1999.dg	02:33	+70:8	Z	20m	PA=-45; normal tilt
183	COMP			↑		
184	SN1999.dg. blue	"	"	Z	20m	PA=-35; tilt=585
185	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Kushner

Spectrograph: EAST

Grating: 3002

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
186	SN1999dq. red	02:33	70-58	Z	20m	PA=15 - tilt=725
187	COMP			J	um	w/ filter 495. PA=62
195	COMP			↑		
196	G191B2B - blue	"	"	SG	3m	tilt=585; no more filter.
197	COMP			↑		
198	G191B2B	"	"	SG	3m	normal tilt (610)
199	COMP			↑		stopped.
200-209	FLAT. blue	tilt=585			16s	clouds moved in fast!
210-219	FLAT				14s	
220-229	BIAS				0s	
230-239	FLAT				7s	
240-249	BIAS				0s	
250-259	DARK				15m	solid clouds.

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