

TILT POS changed to 607

60 inch Telescope Log  
 Observer: PB  
 PI: All  
 Spectrograph: FAST  
 Grating: 3W2  
 Date: 7/27/98  
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Number	Object	R A	Dec	L/R	Exp	Comments
1-5	BDAS				0s	
6-11	DARK				30m	Bin by 4
12	test				20s	1200g; 3" slit; tilt=1294
13-22	FLAT				25s	focus=1000 f <sub>c</sub> = 5329 Å
23	test					3W2 ↓
24-33	BDAS				0s	
34-43	FLAT				6s	
44-53	BDAS				0s	bin by 2
54-63	FLAT				12s	bin by 2
64-68	sky			59	2s	
69	WMP			↑	5s	clouds to W, S, E + N
70-71	NG 226	16:04	+66:48	12	29, 20s	
72	COMP			↑		
72-74	BDP 332642	15:50	+38:03	56	1m	
75	COMP			↑		
76	N4151	12:08	+39:41	6	25s	
77	COMP			↑		
78	N4051	12:10	+44:48	6	2m	
79	COMP			↑		
80	N4258	12:16	+47:34	6	2m	
81	COMP			↑		
82-83	H244	13:21	+36	56	2m	
84	COMP			↑		
85	MRK 279	13:51	+61:33	6	3m	
86	COMP			↑		
87	N5548	14:25	+25:22	6	3m	
88	COMP			↑		
89-90	HBC 656	17:00	-22:58	74	10s, 90s	classic young star
91	COMP			↑		Strong Li 6708; H4 Hβ, K, H cm!!

NO BIN BY 2 DORKS

60 Inch Telescope Log

Observer: PB  
 PI: Scott & Andi & John

Spectrograph: FAST  
 Grating: 300L + 1200L  
 Date: 7/27/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
92	HBC657	17:08	-27:12	74	2m	ditto
93	COMP			↑		
94	ROXR1m31A-	16:26	-24:43	74	12m	
95	COMP			↑		
96	test				20s	1200L; 3"; tilt = 429.4 ↓
97	BDP532642	16:50	+33:05	56	2m	focus = 1000
98	COMP			↑	25s	
99	awm4-NG051.1	16:04	+23:55	35	30m	PA = 77°
100	COMP			↑		
101	awm4-NG051.2	16:04	+23:55	35	30m	5' S of #99
102	COMP			↑		ohoh - clouds moving in from S.
103	test					3000; 3" slit ↓
104	A2248n3n4	17:00	+77:02	68	20m	PA=57 4 is "E" object @ row 50
105	COMP			↑		both 3 is "W" object @ row 37
106	A2248n1n1b	16:59	+77:08	68	12m	1 @ row 88; 1b @ row 80 PA: bmk by 2
107	COMP			↑		
108	A2248n5	17:00	+77:00	68	20m	Seemg worse clouds...
109	COMP			↑		
110-111	CICogg	19:50	+35:41	12	3s, 45s	
112	COMP			↑		
113-115	HD192281	20:10	+40:07	56	6s	
116	COMP			↑		
117	Z01081	16:25	+30:19	75	12m	quidem! NEEDS DARKS!!
118	COMP			↑		
119	Z008615	16:52	+30:20	75	10m	"
120	COMP			↑		
121	Z008616	16:56	+30:28	75	5m	
122	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6457</u>
Observer: <u>PB</u>				Grating: <u>300</u>		
PI: <u>Barbara &amp; John</u>				Date: <u>7/27/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
123	Z 004579	16:55	+26:39	75	4m	
124	COMP			↑		
125	N 002910	16:56	+26:50	75	5m	
126	COMP			↑		
127	N 001091	16:56	+27:49	75	3m	
128	COMP			↑		
129	Z 013816	16:57	+27:50	75	7m	Sun 2
130	COMP			↑		
131	Z 013817	16:57	+28:11	75	5m	
132	COMP			↑		
133	Z 011753	16:57	+27:50	75	5m	
134	COMP			↑		lots of clouds
135	Z 022689	16:57	+27:51	75	3m	
136	COMP			↑		
137	Z 023016	16:59	+29:56	75	6m	
138	COMP			↑		
139	MRK 59	20:41	+10:54	6	4m	
140	COMP			↑		
141-142	BDP 254211	21:48	+28:37	56	45s	
143	COMP			↑		pretty murky sky
144	ZM 2305119	23:05	+28:34	68	12m	
145	COMP			↑		
146	ZM 230616.1	23:06	+27:42	68	12m	
147	COMP			↑		
148	ZM 230122.1	23:01	+25:12	68	15m	* + w
149	COMP			↑		
150	ZM 230333.5	23:03	+26:39	68	15m	
151	COMP			↑		
152	ZM 230609.9	23:06	+25:21	68	15m	
153	COMP			↑		

60 inch Telescope Log

Observer: PB  
 PI: Kirshner & And.

Spectrograph: FAST

Grating: 30R

Date: 7/27/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
154	SN1998dh	23:14	+10:32	Z	20m	lots of clouds
155	COMP			↑		
156	BDp284211	21:48	+28:42	S6	3m	
157	COMP			↑		
158-159	AG Peg	21:51	+12:39	12	15,15s	
160	COMP			↑		
161	Sng b 013.057	22:47	+12:19	S9	11m	
162	COMP			↑		
163	OS9	22:47	+12:18	S9	10m	em
164	COMP			↑		
165	OS6	22:46	+11:11	S9	5m	em red from 7/19/98
166	COMP			↑		
167	Ob1	22:47	+11:22	S9	9m	clearing!
168	COMP			↑		
169	Ob7	22:48	+12:02	S9	9m	
170	COMP			↑		
171	Ob6	22:48	+12:06	S9	12m	em
172	COMP			↑		
173	Ob8	22:48	+11:34	S9	15m	
174	COMP			↑		
175	Ob11	22:49	+11:40	S9	12m	
176	COMP			↑		
177	Ob2	22:49	+11:32	S9	5m	
178	COMP			↑		
179	Ob7	22:49	+11:35	S9	4m	
180	COMP			↑		
181	Ob8	22:49	+11:48	S9	3m	
182	COMP			↑		
183	Ob9	22:49	+10:38	S9	6m	
184	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: All

Spectrograph: FAST

Grating: 300

Date: 7/27/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
185	Srgb 013.080	22:49	+11:53	59	2m	
186	COMP			↑		
187	NTM69	23:05	+08:52	6	2.5m	
188	COMP			↑		
189	Fergello	23:17	-05:26	56	2m	
190	COMP			↑		
191	MRK335	00:00	+19:55	6	3m	
192	COMP			↑		Scattered clouds
193	158m213	00:40	+40:50	57	3m	☉ Dawn
194	COMP			↑		
195-6	Comet Hartig 1961	03:50	+28:25	57	2m	
197	COMP			↑		
198-199	AXPer	01:26	+54:15	12	80s, 1s	
200	COMP			↑		
201-202	ZAN	23:33	+48:49	12	30s, 2s	
203	COMP			↑		
204-213	BIAS			0	0s	
214-223	FLAT				6s	
224-253	BIAS				0s	
234-243	FLAT				12s	
244-253	DARK				15m	bm by 4