

60 inch Telescope Log

Observer: K Rines

PI: Kirshner

Spectrograph: FAST

Grating: 300l

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Date: 6/27/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	bin by 4
11-20	BIAS				0s	clear + hazy
21-30	FLAT				6s	
31-40	BIAS				0s	bin by 2
41-50	FLAT				12s	
51-55	SKY				2s	bin by 4
56	COMP					
57, 58	AG Dra	16:01	+66:48	12	2s, 20s	
59	COMP			↑		
60, 61	HZ 44	13:21	+36:23	56	2m	
62	COMP			↑		
63	HZ 44	13:21	+36:23	56	2m	bin by 2
64	COMP			↑		
65	SN 1978bu	10:47	+11:50	2	15m	
66	COMP			↑		
67	COMP			↑		
68, 69	SN 1985	11:46	+47:29	2	15m	wild spectrum!
70	COMP			↑		
71	MRK 279	13:52	+69:33	6	3m	bin by 4
72	COMP			↑		
73	N5548	14:18	+25:08	6	3m	
74	COMP			↑		
75	Feige 98	14:36	+27:42	56	2m	
76	COMP			↑		
77	mkw 8-031	14:41	+03:40	35	10m	
78	COMP			↑		
79	-032	14:42	+03:49	35	7m	
80	COMP			↑		
81	-033	14:42	+03:27	35	5m	
82	COMP			↑		

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PI: Dan

Spectrograph: FAST

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
83	mkw8_034	14:40	+03:13	35	5m	
84	COMP			↑		
85	mkw8_036	14:40	+03:20	35	7m	
86	COMP			↑		
87	mkw8_037	14:42	+03:44	35	10m	
88	COMP			↑		
89	mkw8_038	14:40	+03:52	35	10m	
90	COMP			↑		
91	mkw8_039	14:42	+03:13	35	10m	
92	COMP			↑		
93	mkw8_040	14:39	+03:39	35	7m	spectrum looks stellar (maybe looks like g)
94	COMP			↑		
95	mkw8_041	14:41	+03:41	35	5m	
96	COMP			↑		
97	mkw8_042	14:41	+03:40	35	7m	
98	COMP			↑		
99	mkw8_043	14:41	+03:28	35	7m	bright spot to E
100	COMP			↑		
101	mkw8_045	14:39	+03:16	35	15m	
102	COMP			↑		
103	mkw8_046	14:40	+03:21	35	10m	got a2, but it's pos. not long bright star to E. enough
104	COMP			↑		
105	MRK 501	16:54	+39:46	6	5m	X-ray flare on 6/26
106	COMP			↑		bump on bkgd
107	BDp332642	15:50	+33:06	56	1m	
108	COMP			↑		
109	E 377780	16:30	+40:13	64	7m	
110	COMP			↑		
111	E 378095	16:30	+40:09	64	5m	bright star to W
112	COMP			↑		

60 inch Telescope Log
 Observer: K Rince
 PI: Ken
 Spectrograph: EAST
 Grating: 300R
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
113	E 378118	16:31	+40:11	64	5m	
114	COMP			↑		
115	E 378321	16:31	+40:15	64	5m	
116	COMP			↑		
117	E 379834	16:34	+40:09	64	4m	
118	COMP			↑		
119	E 380386	16:35	+40:12	64	5m	
120	COMP			↑		
121	E 381135	16:36	+40:13	64	5m	
122	COMP			↑		
123	E 381897	16:38	+40:08	64	10m	to right star to E
124	COMP			↑		- washes out gal
125	E 381984	16:38	+40:11	64	7m	
126	COMP			↑		
127	E 382095	16:38	+40:10	64	5m	
128	COMP	16:35:09	39:54:51	64		MOVING TELLS core
129	E 389103	16:21	+39:52	64	10m	
130	COMP			↑		
131	E 393411	16:32	+39:59.5	64	7m	
132	COMP			↑		
133	E 395575	16:36	+39:57	64	5m	
134	COMP			↑		
135	E 404907	16:23	+39:45	64	4m	
136	COMP			↑		
137	E 405560	16:25	+39:44	64	10m	star to W
138	COMP			↑		
139	E 405691	16:25	+39:46	64	8m	
140	COMP			↑		
141	E 407193	16:28	+39:44	64	4m	
142	COMP			↑		

used comp 126 for 127
 telescope noisy during 128

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 Grating: 3001
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
143	E407241	16:29	+39:44	64	4m	16:28:33 +39:44:00
144	COMP	16:28:42	+39:45:01	↑		moving?
145	E407905	16:30	+39:46	64	7m	
146	COMP	16:31:23	+39:55:49	↑		moving?
147	E408782	16:32	+39:57	64	5m	
148	COMP			↑		
149	E410347	16:35	+39:50	64	10m	
150	COMP			↑		
151	E41268	16:23	+37:43	64	4m	
152	COMP			↑		
153	sagal-242	21:52	+03:02	73	20m	star to E
154	COMP			↑		
155	sagal-244	21:53	+15:32	73	15m	star to W
156	COMP			↑		
157	sagal-252	22:20	+29:23	73	15m	star to E
158	COMP			↑		
159	N7469	23:03	+08:52	6	2.5m	
160	COMP			↑		
161	MKK335	00:04	+19:55	6	3m	
162	COMP			↑		
163	N7331	22:35	+34:10	57	3m	
164	COMP			↑		
165,166	C2 Cyg	19:50	+35:44	12	1s, 30s	
167	COMP			↑		
168,169	AG Peg	21:51	+12:38	12	0.5s, 12s	
170	COMP			↑		
171	HD 217086	22:55	+62:28	56	3s	
172	COMP			↑		
173-182	BIAS				0s	clear + hazy
183-192	FLAT				6s	
193-202	BIAS				0s	bin by 2
203-212	FLAT				12s	
213-218	DARK				15m	1in by 2

used comp 142 for 143
 used comp 146 for 145 - no other change