

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6138</u>
Observer: <u>S. MADER</u>				Grating: <u>300L</u>		Date: <u>03/30/98</u>
PI: <u>KENYON, WILKES, MECHAMER</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS			-	-	BIN X 2
11-20	FLAT			-	12	"
21-30	FLAT			-	6	BIN X 4
31-40	BIAS			-	-	
41-50	FLAT			-	20	1.1" SLIT
51-54	DARK			-	900	3" SLIT
55-58	DARK			-	900	BIN X 2
59-61	SKY			-	5	BIN X 4
62	COMP			↑		
63-64	DG TAU	04:27:05	26:06:10	12	12/90	SOME CLOUDS, SEEING NOT
65	COMP			↑		VERY GOOD
66-67	DL TAU	04:33:39	25:20:37	12	30/240	
68	COMP			↑		
69-70	DR TAU	04:47:00	16:58:43	12	12/80	
71	COMP			↑		
72-73	RW AUF	05:07:53	30:27:13	12	5/30	
74	COMP			↓		
75	RW AUF	05:07:53	30:27:13	12	5	
76	Abn 120	05:13:38	-00:12:15	6	180	
77	COMP			↑		
78	HILTNER 600	06:42:37	02:11:25	56	45	
79	COMP			↑		
80	HILTNER 600	06:42:37	02:11:25	56	45	1.1" SLIT
81	COMP			↑		
82-83	HD245770	05:38:55	26:18:50	77	30	
84	COMP			↑		
85-86	HD39478	05:53:59	26:25:20	77	25	
87				↑		

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PI: <u>BARTON, KIRSINGER, GELLER, MUMRA</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
88	nugal_043	09:13:39	29:59:34	73	360	3" SLIT
89	COMP			f		
90	nugal_048	09:16:44	18:57:16	73	600	
91	COMP			f		
92	nugal_049	09:16:41	18:57:48	73	720	
93	COMP			f		
94	nugal_004	09:25:42	11:25:54	73	480	CLOUDS IN AND OUT
95	COMP			f		
96	nugal_065	09:25:47	11:25:28	73	600	
97	COMP			f		
98	SN1998S	11:46:06	47:28:55	2	300	CLOUDS, THAT'S IT FOR NOW
99	COMP			f		BIN X 2
100	SN1998S	11:46:06	47:28:55	2	300	CLOUDS KEEP FLYING BY
101	COMP			f		
102	SN1998S	11:46:06	47:28:55	2	300	
103	COMP			f		
104	GD40	11:34:28	30:04:27	50	40 60	BIN X 2
105	COMP			f		
106	a1367.103.1269	11:37:44	22:00:35	64	720	BIN X 4
107	COMP			f		
108	a1367.103.1271	11:37:49	22:01:33	64	720	
109	COMP			f		
110	11184p6934	11:18:24	69:34:00	68	720	H α @ -6860 Å
111	COMP			f		
112	11180p6944	11:18:00	69:44:00	68	900	
113	COMP			f		
114	11330p6346	11:33:00	63:46:00	68	600	
115	COMP			f		
116	11335p6323	11:33:30	63:06:24	68	300	
117	COMP			f		

60 inch Telescope Log

Observer: J. MADERPI: HUGHRA, FELLER, WILKESSpectrograph: FASTGrating: 300LPage: 6140Date: 03/30/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
118	11210p5805	11:21:00	58:05:00	68	480	CLEAR NOW ???
119	COMP			↑		
120	N3379	10:45:11	12:50:48	57	180	
121	COMP			↑		
122	a1367.103.1308	11:51:28	22:01:35	64	300	
123	COMP			↑		
124	a1367.103.1257	11:57:51	22:15:27	64	300	
125	COMP			↑		
126	a1367.103.1467	11:51:38	21:27:47	64	480	
127	COMP			↑		
128	a1367.103.1530	11:49:59	21:20:04	64	360	
129	COMP			↑		
130	2M121322p165728	12:13:22	16:57:28	68	480	
131	COMP			↑		
132	2M121349p122125	12:13:49	12:21:25	68	480	
133	COMP			↑		
134	MRK 421	11:01:41	38:28:43	6	240	
135	COMP			↑		
136	N4051	12:00:36	44:48:35	6	120	
137	COMP			↑		
138	N4151	12:08:01	39:41:01	6	30	
139	COMP			↑		
140	N4258	12:16:30	47:34:51	6	120	
141	COMP			↑		
142	MRK 279	13:51:54	69:33:13	6	180	
143	COMP			↑		
144	H2 44	13:21:19	36:23:39	56	90	
145	COMP			↑		
146	2M121419p174746	12:14:10	17:47:46	68	600	
147	COMP			↑		

60 inch Telescope Log

Observer: J. MADERPI: HUCHRA, KORANYI, MAHDANI, WILKES, RICHONSpectrograph: FASTGrating: 300LPage: 6141Date: 03/30/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
148	2M122135p155900	12:21:35	15:59:00	68	720	
149	COMP			↑		
150	2M122140p14108	12:14:40	14:11:38	68	360	
151	COMP			↑		
152	2M121401pM1107	12:14:01	14:11:07	68	420	
153	COMP			↑		
154	mkw4_58	12:03:40	02:19:52	35	720	FAINT
155	COMP			↑		
156	mkw4-64	12:02:08	02:28:16	35	900	FAINT
157	COMP			↑		
158	12101p1018	12:10:05	10:18:29	68	300	
159	COMP			↑		
160	nrqb244.033	13:25:54	0:17:49	59	420	
161	COMP			↑		
162	nrqb244.034	13:26:33	14:25:11	59	480	
163	COMP			↑		
164	nrqb244.040	13:26:38	11:52:07	59	300	
165	COMP			↑		
166	nrqb244.042	13:27:23	12:01:13	59	480	
167	COMP			↑		
168	SBS1425p606	14:25:33	60:39:16	6	600	
169	COMP			↑		
170	N5548	14:15:44	25:22:01	6	180	
171	COMP			↑		
172	15049p0050	15:04:54	00:50:00	68	300	
173	COMP			↑		
174	162646m241203	16:26:46	24:12:04	74	240	
175	COMP			↑		
176	162710m241914	16:27:10	-24:19:14	74	240	
177	COMP			↑		

60 inch Telescope Log

Observer: S. HADER

PI: KENYON, KIRSHNER, KARANYI, WILKES

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
178	162658m244529	16:26:58	24:45:29	74	240	
179	COMP			↑		
180	162749m242540	16:27:49	-24:25:40	74	240	
181	COMP			↑		
182	162739m243914	16:27:39	-24:39:14	74	480	
183	COMP			↑		
184	162735m243894	16:27:35	-24:38:34	74	600	
185	COMP			↑		
186-187	AG Dra	16:01:41	66:48:10	6	2/20	
188	COMP			↑		
189	SN1998V	18:22:37	15:42:02	2	900	BIN X 2
190	COMP			↑		
191	awm4_51	16:05:10	23:36:57	35	720	BIN X 4 STAR
192	COMP			↑		
193	awm4_45	16:06:08	24:07:59	35	900	VERY FAINT
194	COMP			↑		
195	HRKSO1	16:53:52	39:45:36	6	300	
196	COMP			↑		
197-198	BDp332642	15:50:03	33:05:49	56	60	
199	COMP			↑		
200-209	BIAS			-	-	
210-219	FLAT			-	6	
220-229	FLAT			-	12	BIN X 2
230-239	BIAS			-	-	"