

60 inch Telescope Log

Observer: CALKINS

PI: All Rines, Kenyon, McClintock

Spectrograph: FAST

Grating: 300L

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Date: 9/11/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	Bimby 4
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	BIAS				0s	Bimby 2.
41-50	FLAT				12s	
						clouds + drizzle at sunset
51	PG1708, 602	17 09	60 10	#56	5m	Bimby 4
52	comp			↑		
53	α2199.1	16 07	42 53	#64	15m	
54	comp			↑		
55	α2199.6	16 08	36 05	#64	15m	star to east
56	comp			↑		
57	α2199.2	16 07	38 58	#64	5m	99) to west
58	comp			↑		
59	α2199.3	16 08	43 00	#64	15m	
60	comp			↑		
61	α2199.4	16 08	43 09	#64	10m	
62	comp			↑		clouds returning
						shut for clouds
63, 64	AG Peg	21 51	12 57	#12	30, 90s	thru clouds
65	comp			↑		
66, 67	CICyg	19 50	35 41	#12	5, 60s	
68	comp			↑		
69, 70	ε And	23 13	48 48	#12	5, 60s	
71	comp			↑		
72	comp			↓		1.1" slit

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
75, 74	4W1907p09	19 09	09 49	#77	15m	
75	comp			↑		
76, 77	HD230579	19 04	11 07	#77	10, 20s	
78	comp			↑		
79	2M235841.8p	23 58	27 07	#68	20m	3" slit
80	comp			↑		
81	2M230723.1p	23 07	29 23	#68	15m	
82	comp			↑		
83	2M234213.6p	23 42	26 55	#68	10m	
84	comp			↑		
* 85	2M235910.9p	23 59	26 01	#68	10m	object to the west Sy (possible sn?)
86	comp			↑		
87	2M13053.6p	23 05	29 55	#68	10m	star east
88	comp			↑		
89	2M235924.4p	23 59	25 36	#68	15m	
90	comp			↑		
91	2M234154.1p	23 41	27 42	#68	5m	
92	comp			↑		
93	2M234152.6p	23 41	27 07	#68	15m	
94	comp			↑		
95	2M234128.5p	23 41	27 48	#68	12m	
96	comp			↑		
97	2M234159.6p	23 41	26 47	#68	10m	Binby 2 - object east
98	comp			↑		
99	2M234226.3p	23 42	25 41	#68	10m	Binby 4
100	comp			↑		
101	2M234230.7p	23 42	26 40	#68	10m	
102	comp			↑		
103	2M234126.2p	23 41	26 54	#68	12m	

85- object to W is star

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
109	comp			↑		
105, 106	AxPer	01 46	59 15	#12	4.80s	
107	comp			↑		
108	N7469	23 03	8 52	#6	2.5m	Binby 2 (star east)
109	comp			↑		
110	MIRK335	00 06	20 15	#6	3m	
111	comp			↑		
112	sn1998dw	01 09	-15 29	#2	20m	faint!!
113	comp			↑		
114	sn1998dw	01 09	-15 29	#2	20m	
115	comp			↑		
116	sn1998dt	02 28	-10 31	#2	20m	
117	comp			↑		
118, 119	Feige 25	2 38	5 28	#56	1m	
120	comp			↑		
121	soqal-044	00 47	23 04	#73	8m	
122	comp			↑		
123	soqal-045	00 47	23 03	#73	10m	
124	comp			↑		
125	soqal-048	01 02	32 27	#73	10m	
126	comp			↑		
127	soqal-049	01 02	32 24	#73	15m	
128	comp	01:07	32 24	↑		<i>moving</i>
129	soqal-054	01 07	32 24	#73	6m	
130	comp			↑		
131	soqal-055	01 07	32 24	#73	4m	
132	comp			↑		
133	soqal-056	01 07	32 17	#73	6m	
134	comp			↑		
135	soqal-057	01 07	32 19	#73	6m	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
136	comp			↑		
137	sqgal-C58	01 07	32 21	#73	10m	
138	comp			↑		
139	NGC1700	4 56	-4 52	#57	4m	
140	comp			↑		
141	Akn 120	5 16	-0 08	#6	4m	star to west
142	comp			↑		
143	G19182B	5 05	52 47	#56	3m	(possibly wrong star)
144	comp			↑		
145-149	sky			#56	15s	
150	comp			↑		
151-160	FLAT				20s	1.1" slit
161-170	BIAS				0s	3" slit
171-180	FLAT				6s	
181-190	BIAS				0s	Binby 2
191-200	FLAT				12s	
201-211	DARK				15m	Binby 2
	Do NOT HAVE FILM all, film go from 1-210					