

60 inch Telescope Log Observer: <u>CAIKINS</u> PI: <u>Kirshner</u>	Spectrograph: <u>FAST</u> Grating: <u>300L</u> Date: <u>6/1/98</u>
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	BINARY 4
11-20	FLAT				6s	↓
21-30	BIAS				0s	BINARY 2
31-40	FLAT				12s	↓
41-50	DARKS				15m	BINARY 4
51-55	Sky			#57	2s	
56	comp			↑		
57,58	Feige 34	10 39	43 05	#56	90s	
59	comp			↑		
60	MRK 421	11 04	38 12	#6	4m	
61	comp			↑		
62	N4051	12 03	44 31	#6	2m	
63	comp			↑		
64	N4151	12 08	39 41	#6	30s	
65	comp			↑		
66	N4258	12 18	47 18	#6	2m	
67	comp			↑		
68	MRK 279	13 53	69 18	#6	3m	star to east
69	comp			↑		
70	SBS1425p606	14 26	60 25	#6	10m	
71	comp			↑		
72	N5548	14 17	25 08	#6	3m	
73	comp			↑		
74-76	sn1998bu	10 46	11 50	#2	5m	Moon at 10:59/6:32
77	comp			↑		BINARY 2
78,79	sn1998s	11 46	47 29	#2	10m	
80	comp			↑		
81	sn1998aq	11 56	53 07	#2	10m	galactic arms to east
82	comp			↑		
83,84	H2 44	13 23	36 07	#56	2m	

60 inch Telescope Log  
 Observer: CALKENS  
 PI: Koranyi, Kenyon

Spectrograph: FAST  
 Grating: 300L  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	comp			↑		
86	mkw7-033	14 33	3 56	#35	8m	BINARY 4
87	comp			↑		
88	mkw7-034	14 34	3 23	#35	12m	star to the east
89	comp			↑		
90	mkw7-035	14 33	3 30	"35	20m	
91	comp			↑		
92	mkw7-026	14 35	3 48	#35	15m	star to the east
93	comp			↑		
94	mkw7-036	14 32	3 46	#35	15m	star to the west
95	comp			↑		
96	162536m241504	16 25	-24 15	#74	4m	
97	comp			↑		
98	162557m243030	16 25	-24 30	#74	2m	
99	comp			↑		
100	162603m242337	16 26	-24 23	#74	2m	
101	comp			↑		
102	162623m242101	16 26	-24 20	#74	1m	
103	comp			↑		
104	162623m244311	16 26	-24 43	#74	1m	
105	comp			↑		
106	162624m241616	16 26	-24 16	#74	2m	
107	comp			↑		
108	162624m242330	16 26	-24 23	#74	1m	
109	comp			↑		
110	162641m244015	16 26	-24 40	#74	3m	
111	comp			↑		
112	162642m242031	16 26	-24 19	#74	10m	
113	comp			↑		
114	162646m241203	16 26	-24 11	#74	2m	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>CALKINS</u>				Grating: <u>300L</u>		Page: <u>6297</u>
PI: <u>Kenyon, Kishner, Mahdavi</u>				Date: <u>6/1/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
115	comp			↑		
116	16258m244529	16 26	-24 45	#74	3m	
117	comp			↑		
118	162110m24914	16 27	-24 18	#74	2m	
119	comp			↑		
120	MRK 501	16 53	39 45	#6	5m	star to the east
121	comp			↑		
122	sn1998bp	17 54	18 19	#2	15m	BINARY 2
123	comp			↑		
124	ngc385.002	16 13	35 08	#59	8m	BINARY 4
125	comp			↑		
126	ngc385.003	16 14	34 52	#59	3m	
127	comp			↑		
128	ngc385.004	16 14	35 15	#59	2m	
129	comp			↑		
130	ngc385.005	16 14	35 06	#59	2m	
131	comp			↑		
132	" " .006	16 15	34 29	#59	5m	
133	comp			↑		
134	" " .007	16 15	34 13	#59	5m	
135	comp			↑		
136	" " .008	16 15	35 08	#59	12m	
137	comp			↑		
138	" " .009	16 16	34 09	#59	10m	
139	comp			↑		
140	" " .010	16 16	34 44	#59	8m	
141	comp			↑		
142	" " .011	16 16	35 47	#59	5m	
143	comp			↑		
144	" " .012					

60 inch Telescope Log

Observer: CAIKINS

PI: McClintock, Mahdavi

Spectrograph: FAST

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
145	comp			↑		
146	comp			↓		1.1" slit
147,148	4L1907p09'	19 09	9 49	#77	15m	↓
149	comp			↑		
150,151	HD230579	19 04	11 06	#77	20s	
152	comp			↑		
153-157	FLAT				20s	↓
158	nrqs385.013	16 16	35 42	#59	5m	3" slit
159	comp			↑		
160	nrqs385.014	16 16	34 39	#59	5m	
161	comp			↑		
162	" ".017'	16 16	35 13	#59	10m	star to the west
163	comp			↑		
164	3C390.3	18 42	79 46	#6	10m	
165	comp			↑		
166	nrqs385.019	16 16	35 17	#59	8m	
167	comp			↑		
168-170	CICyg	19 50	35 40	#12	30s	
171	comp			↑		
172-174	HD192281	20 12	40 16	#56	5s	
175	comp			↑		
176-185	BIAS				0s	BINBY 4
186-195	FLAT				6s	
196-205	BIAS				0s	BINBY 2
206-215	FLAT				12s	
216-225	DARKS				15m	