

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8123</u>	
Observer: <u>CALKINS</u>			Grating: <u>300L</u>		Date: <u>1/5/00</u>	
PI: <u>Ally, Kenyon, Bragg</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-8	DARK				15m	
9-18	BIAS				0s	
19-28	FLAT				6s	
29-38	BIAS				0s	
39-48	FLAT				12s	
49-50	Feige 25	2 58	5 28	#56	2m	
51	comp			↑		
52, 51	Feige 25	2 38	5 27	#56	2m	PA = 35°
54	comp			↑		
55, 56	Feige 25	2 35	5 28	#56	2m	
57	comp			↑		
58	M31	00 42	41 15	#57	1m	
59	comp			↑		
60	M31	00 42	41 15	#57	1m	
61	comp			↑		
62, 63	Ruvul	20 21	21 34	#12	5s, 2m	
64	comp			↑		
65, 66	Helix 467	20 36	20 11	#12	30s, 6m	
67	comp			↑		
68, 69	Helix 468	20 41	34 46	#12	1, 10m	
70	comp			↑		
71, 72	S190	21 41	02 44	#12	0, 90	
73	comp			↑		
74, 75	V407 Cyg	21 02	45 97	#12	1m, 6m	
76	comp			↑		
77-79	AG Peg	21 51	12 37	#12	1/10/30	
80	comp			↑		
81	021847p565	2 18	56 59	#83	15m	
82	comp			↑		
83	021848p5709	2 18	57 09	#83	20m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8124</u>	
Observer: <u>CALL-SWS</u>			Grating: <u>100L</u>		Date: <u>1/5/00</u>	
PI: <u>Bray, Kirshner, Pines</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
84	comp			↑		seeing got good
85	021849p5712	2 18	57 12	#83	20m	Row 75
86	comp			↑		
87	021850p5704	2 18	57 02	#83	20m	row 75
88	comp			↑		
89	021852p5708	2 18	57 09	#83	15m	row 75
90	comp			↑		
91	021853p5700	2 18	57 00	#83	15m	high auras
92	comp			↑		
93	021856p57034	2 18	57 02	#83	20m	
94	comp			↑		
95	021858p5707	2 18	57 07	#83	17m	clouds
96	comp			↑		
97	021859p5704	2 18	57 04	#83	20m	Row 75, PA=95
98	comp			↑		
99	021900p5713	2 18	57 13	#83	20m	PA=110
100	comp			↑		
101	021901p5709	2 19	57 09	#83	15m	Row 75
102	comp			↑		
103	021909em	4 41	-2 51	#83	10m	PA=30°
104	comp			↑		
105	05766b-142	7 21	52 54	#64	15m	
106	comp			↑		
107	-143	7 12	52 25	#64	20m	row 75
108	comp			↑		
109	-144	7 13	52 49	#64	20m	
110	comp			↑		
111	-146	7 26	53 33	#64	20m	row 75
112	comp			↑		
113	-148	7 15	54 21	#64	15m	row 75

95 A - unresolved?

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8125</u>	
Observer: <u>CALKINS</u>			Grating: <u>300L</u>			
PI: <u>Pinus, Kirchner, Mahdavi</u>			Date: <u>1/5/00</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
114	comp			↑		
115	-149	7 27	56 35	#64	15m	
116	comp			↑		
117	-151	7 28	54 39	#64	15m	PA = 100°
118	comp			↑		
119	-152	7 12	55 51	#64	13m	conditions improving
120	comp			↑		
121	-153	7 26	56 50	#64	15m	
122	comp			↑		
123	-160	7 22	54 38	#64	17m	
124	comp			↑		
125	sn1999gd	8 38	25 45	#2	20m	PA = 62°
126	comp			↑		
127	sn1999gh	9 44	21 16	#2	15m	PA = 7°
128	comp			↑		
129	nrq3241.003	13 17	33 30	#59	17m	
130	comp			↑		
131	-005	13 18	33 17	#59	12m	
132	comp			↑		
133	-007	13 18	33 36	#59	8m	
134	comp			↑		
135	-010	13 19	32 35	#59	10m	
136	comp			↑		
137	-011	13 19	32 05	#59	10m	
138	comp			↑		
139	-012	13 19	33 15	#59	10m	
140	comp			↑		
141	-013	13 19	33 19	#59	13m	
142	comp			↑		
143	-014	13 19	32 59	#59	8m	wk. not enough

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8126</u>	
Observer: <u>CAKINS</u>			Grating: <u>300L</u>		Date: <u>1/5/00</u>	
PI: <u>MAHRAVE</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
144	comp			↑		
145	-015	13 19	33 15	#59	13m	
146	comp			↑		
147	-016	13 19	32 21	#59	4m	
148	comp			↑		
149	-022	13 20	33 05	#59	9m	
150	comp			↑		
151	-023	13 20	33 19	#59	4m	
152	comp			↑		
153	-024	13 20	33 05	#59	2m	
154	comp			↑		
155	-025	13 20	33 00	#59	90s	
156	comp			↑		
157	-026	13 20	33 02	#59	10m	
158	comp			↑		
159	H344	13 23	36 05	#56	2m	
160	comp			↑		
161	H344	13 23	36 05	#56	2m	
162	comp			↑		
163-167	sky			#57	2s	
168-177	BIAS				0s	
178-187	FLAT				6s	
188-197	BIAS				0s	
198-207	FLAT				12s	
208-217	DARK				15m	

69 - 178
 179 - 188
 189 - 198
 199 - 208
 209 - 218

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