

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8035</u>	
Observer: <u>Ann Bragg</u>			Grating: <u>std</u>		Date: <u>12/3/99</u>	
PI: <u>Bragg</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					binby 2 ↓
11-20	FLAT				12s	
21-30	BIAS					binby 4 ↓
31-40	FLAT				6s	beam=1040 ↓
41-45	DARK				900s	
46	sky				2s	counts a little low binby ↓
47	sky				4s	
48-52	sky				6s	
53	comp				↑	
54-58	sky				20s	binby 2 ↓
59	comp				(12s) ↑	
60	n 7331	22 37 04	+34 09 43	57	120s	velocity std binby 4
61	comp				↑	
62	Figello	23 19 56	-5 09 37	56	120s	
63	comp				↑	really windy - (closing) for no
64	021940p570952	2 19 40.8	+57 09 52.2	83	300s	still wind → less gusty no
65	comp				↑	
66	021942p570921	2 19 42.8	+57 04 21.5	83	450s	extra * to the west dears
67	comp				↑	
68	021943p571254	2 19 43.8	+57 12 54	83	450s	→ poor seeing ←
69	comp				↑	
70	021945p570753	2 19 44	+57 07 53.4	83	450s	extra * to the East
71	comp				↑	
72	091945p571104	2 19 45.0	+57 11 4.9	83	600s	extra * on each side (want same 42)
73	comp				↑	
74	021945p571303	2 19 45.70	57 13 03.4	83	600s	may be extra on east want ~ 40
75	comp				↑	
76	021944p570935	2 19 44.3	+57 09 36	83	600s	
77	comp				↑	
78	021946p570234	2 19 46.5	+57 02 34.4	83	600s	
79	comp				↑	



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 PI: Bragg, Calvet

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
80	021946p570443	2 19 46.4	57 04 43.7	83	600	~ line 40
81	comp				↑	
82	021946p570647	2 19 46.9	57 06 47.9	83	600s	seeing better now
83	comp				↑	
84	021949p570551	2 19 49.5	57 05 51.0	83	600s	awful seeing
85	comp				↑	
86	9Vsolb-41256	5 36 9.65	-1 55 53.7	112	750s	(loops -- too long) not enough counts
87	comp				↑	
88	"	"	"	112	1500s	
89	comp					still weak
90	9Vsolb 40327	5 34 56.53	-2 05 32.8	112	600s	weak
91	comp				↑	
92	"	"	"	112	1500s	
93	comp				↑	
94	9Vsolb-41376	5 36 18.34	-1 52 41.6	112	1200s	long enough on first try!
95	comp				↑	
96	9Vsolb-43250	5 39 04.10	-1 59 57.9	112	1200s	
97	comp				↑	
98	9Vsolb-44524	5 30 00.92	-0 59 35.8	112	900s	
99	comp				↑	
100	9Vsolb-47157	5 32 47.42	-0 40 35.3	112	900s	
101	comp				↑	
102	4576b-092	7 19 45.88	56 45 55.9	64	300s	too weak?
103	comp				↑	
104	"	"	"	64	600s	
105	comp				↑	
106	4576b-091	7 27 53.52	57 03 06.1	64	900s	
107	comp				↑	
108	4576-096	7 17 4.27	56 44 02.4	64	1500s	
109	comp				↑	
110	4576-100	7 28 3.34	57 10 55.2	64	1500s	
111	comp				↑	
112-121	BIAS					
122-131	FLAT					