

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>Grogan</u>				Grating: <u>300; 4; 3" slit</u>		Page: <u>4862</u>
PI: <u>Konjon/Grogan/Witkes</u>				Date: <u>9/11/96</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s.	Rain in afternoon, overcast.
11-20	FLAT			0	6s.	Not opening for evening steps
21-23	HD 192281			0	5s.	Bad breaks in dds. ~2pm
24	COMP			↑		
25-28	CI Cyp	19:50	35:41	12	2, 2, 20, 120s.	In/out of clouds
29	COMP			↑		
30	N7331	22:34	34:09	0	240s.	" ; valstd.
31	COMP			↓		
32	N7331	22:34	34:09	0	90s.	" ; checked over
33	21311 + 0833	21:31	8:33	42	20m.	Few openings to W; low cts.
34	COMP			↑		
35-7	Z And	23:33	48:49	12	100, 5, 5s.	Clearing again to W
38	COMP			↑		
39	N7469	23:03	8:52	6	3m.	In/out of clouds
40	COMP			↑		RH = 85%
41	23046 + 0828	23:04	8:28	12	15m.	Shading nearby to avoid clouds. Good cts: ~2500; abs
42	COMP			↑		
43	23080 + 0752	23:08	7:52	12	12m.	Clearing now. ~1800 cts; abs
44	COMP			↑		
45	23093 + 0914	23:09	9:14	12	10 m.	~1250 cts; emake
46	COMP			↑		
47	23102 + 1029	23:10	10:28	12	13m.	~1700 cts; very blue; strong em
48	COMP			↑		RH → 80% inside dome.
49	N7547	23:12	18:42	12	8 m.	~1600 cts; bad ghost vel
50	COMP			↑		
51	N7550	23:12	18:41	12	5m.	~1500 cts; abs.
52	COMP			↑		
53	23142 + 0837	23:14	8:37	12	10 m.	~2500 cts; abs + em
54	COMP			↑		
55	N7601	23:16	8:57	12	15m.	LSB; ~900 cts, em

total 8.81

1.17

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4863</u>		
Observer: <u>Grogan</u>		Grating: <u>300R; 5"</u>		Date: <u>9/4/96</u>		
PI: <u>Grogan/Wilkes/Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
56	COMP			↑		(N7601)
57	23396-0210	23:33	-2:10	12	12m	48" dome shut; outside RH = 92%
58	COMP			↑		
61	Mrk 335	0:03	19:55	6	2m	
62	COMP			↑		
63	Feige 110	23:17	-5:26	0	2m	sp std.
64	COMP			↑		
65	Xc 465. 012949	0:29	10:41	3	5m	low cts.
66	COMP			↑		
67	Xc 465. 024646	0:29	11:42	3	9m	better cts.; H α ?
68	COMP			↑		RH = 87% in dome; metal dry.
69	N7825	0:02	4:55	12	20m	cloud obscuration: in fog
70	COMP			↑		low cts; redo
71-75	sky			0	54, 33, 33	DOME SHUT - outdoor RH > 99%
76	COMP			↑		RH = 95%; clouds on horiz.
77-86	BIAS			0	0s.	
87-96	PLAT			0	6s.	