

60 Inch Telescope Log				Spectrograph: FAST		Page: 4876	
Observer: Kenyon				Grating: 300 gmm ⁻¹		Date: 9/18/96	
PI: Kenyon/Groen/Grogin/Wilkes							
Number	Object	R.A.	Dec.	L	R	Exp	Comments
1-10	BIAS			0		0 ^s	dark clouds
11-20	FLAT			0		6 ^s	
21-25	Sky			0		5 ^s	light clouds
26	COMP			↑		5 ^s	FOCUS OK
27-29	HO192251	20:10	+40	0		5	
30	COMP			↑		5	
31-33	CI CYG	19:50	+35	12		2,20	120 better
34	COMP			↑		5	
35	CL6 96	15:52	+29	32		900	weak in blue
36	COMP			↑		5	
37	N5888f1	15:43	+24:53	42		900	too weak?
38	COMP			↑		5	
39	3C 390.3	18:45	+79	6		300	broad lines
40	COMP			↑		5	
41	MRK 509	20:41	-10:54	6		120	
42	COMP			↑		5	
43-45	BD+28°4211	21:49	28:38	0		60 ^s	almost clear
46	COMP			↑		5 ^s	RH ≈ 70%
47-48	22118+1302	22 11	13:01	42		900 ^s	
49	COMP			↑		5 ^s	
50	22220+1750	22 22	17:50	42		1200 ^s	
51	COMP			↑		5 ^s	
52	23181+1556	23 18	15:56	42		900 ^s	RH = 75%
53	COMP			↑		5 ^s	
54	N7641	23 19	11:37	42		750 ^s	companion * (?) not on slit (S)
55	COMP			↑		5 ^s	
56	23292+1818	23 25	18:17	42		900 ^s	too weak?
57	COMP			↑		5 ^s	
58	23421+1125	23 42	11:25	42		900 ^s	nice!
59	COMP			↑		5 ^s	

8.6
1.14

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4877</u>
Observer: <u>Kenyon</u>				Grating: <u>300 Lmm^{-1}</u>		
PI: <u>Grogan/Wilkas/Geller</u>				Date: <u>9/18/96</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
60	23445+1434	23:44	14:34	42	750 ^s	star @ row 30 (west)
61	COMP			↑	5 ^s	
62	23500+1417	23:50	14:17	42	600 ^s	
63	COMP			↑	5 ^s	
64	N7469	23:03	8:52	6	120 ^s	
65	COMP			↑	5 ^s	
66	Mk 335	0:04	19:55	6	120 ^s	
67	COMP			↑	5 ^s	
68-69	Z And	23:33	48:49	12	3,60	
70	COMP			↑	5 ^s	
71-73	HD 217086	22:55	62:27	0	5 ^s	
74	COMP			↑	5 ^s	RH ≈ 74%
75	465.02356	0:27	10:39	3	600 ^s	very low z? #II region
76	COMP			↑	5 ^s	
77	465.012520	0:31	10:39	3	600 ^s	emission lines
78	COMP			↑	5 ^s	
79	465.013514	0:21	10:44	3	900 ^s	
80	COMP			↑	5 ^s	
81	465.014114	0:28	10:47	3	900 ^s	clouds weak?
82	COMP			↑	5 ^s	
83	465.017870	0:30	11:07	3	600 ^s	clouds
84	COMP			↑	5 ^s	
85	465.025656	0:38	11:48	3	600 ^s	through clouds
86	COMP			↑	5 ^s	
87	465.025675	0:29	11:49	3	900 ^s	clouds
88	COMP			↑	5 ^s	
89	465.030661	0:39	12:14	3	600 ^s	emission H α , [NII], [S II]
90	COMP			↑	5 ^s	thinner cirrus
91	465.032958	0:21	12:27	3	750 ^s	RH ≈ 80%
92	COMP			↑	5 ^s	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4878</u>
Observer: <u>Kernon</u>		Grating: <u>300 gmm⁻¹</u>		Date: <u>9/18/96</u>		
PI: <u>Geller / Kernon / Wilkes</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
93	465.029011	0:40	12:06	3	900 ^s	
94	COMP			↑	5 ^s	
95-96	M32	0:40	40:35	0	30 ^s	
97	COMP			↑	5 ^s	
98	465.027983	0:26	12:01	3	900 ^s	
99	COMP			↑	5 ^s	
100	465.017316	0:33	11:04	3	600 ^s	emission
101	COMP			↑	5 ^s	
102	465.017043	0:31	11:02	3	750 ^s	clouds are back
103	COMP			↑	5 ^s	
104-105	AX Per	1:33	54:15	12	10 ^s 90 ^s	RH R 83%
106	COMP			↑	5 ^s	
107	465.043143	0:44	13:22	3	600 ^s	thick clouds - redo
108	COMP			↑	5 ^s	socked in
109-110	DL Tau	4:33	25:20	12	20/180	
111	COMP			↑	5 ^s	
112-113	DR Tau	4:47	16:58	12	10/120	
114	COMP			↑	5 ^s	
115	471.090719	2:48	13:20	3	900	too weak?
116	COMP			↑	5 ^s	
117	471.090424	2:52	13:20	3	1200	
118	COMP			↑	5 ^s	
119	Akn 120	5:13	-0:12	6	120	
120	COMP			↑	5 ^s	
						CLOUDED UP AGAIN
121-130	BIAS			0	0 ^s	
131-140	FLAT			0	6 ^s	