

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4/85</u>		
Observer: <u>PB/T. Lappin</u>		Grating: <u>300L</u>		Date: <u>12/14/95</u>		
PI: <u>Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BDS				0s	5:35
11-20	FLAT				6s	clear, cold, + windy
21-25	SKY				2s	
26	COMP				5s	delay of tv
27-28	DDP 284211	21:48:57d	+28:57:40	0	20s	LXHOOD not working!
29	COMP			↑		
30	MRK 335	00:03	+19:55	6	1m	
31	COMP			↑		
32-33	N7331	22:34:46.9	+19:01:43	0	2m	
34	COMP			↑		
35	S22.053870	23:30:06.59	+12:29:40.8	3	20m	sup * galaxy
36	COMP			↑		
37	S22.051773	23:16:32	+12:32:27	3	10m	poor seeing
38	COMP			↑		Clear see 4" @ 4"
39	S22.059258	23:11:30.7	+12:46:31.6	3	15m	
40	COMP			↑		
41	S22.059327	23:13:06.07	+12:46:57	3	12m	30 mph wind
42	COMP			↑		steady
43	S22.060095	23:0:10.6	+12:49:17.8	3	15m	
44	COMP			↑		
45	S22.060296	23:23:06.8	+12:49:51.1	3	20m	Hα
46	COMP			↑		
47	S23:021409	23:47:49.37	+10:52:25	3	20m	
48	COMP			↑		
49	S23.022580	23:54:20.7x	+10:55:19.1	3	20m	all faint leftovers Hα → pix 2307
50	COMP			↑		
51	S23.029221	23:30:35	+11:17:24	3	20m	Hα @ pix 2261
52	COMP			↑		wind gusts to +35
53	S23.029472	23:55:32	+11:17:55	3	12m	
54	COMP			↑		

0:305 Jim 1.16
vane 8.73

60 Inch Telescope Log

Observer: PB/T. LappinPI: Goodman/BriteroSpectrograph: FASTGrating: 3002Page: 4186Date: 12/14/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
55	523.029933	23:48:03.05	+11:20:22.5	3	15m	clouds below us
56	comp			↑		
57	523.030670	23:44:20.67	+11:22:56.3	3	15m	V. poor seeing (lost guide star) Redo
58	comp			↑		
59	131121	04:22:41.8	26:42:28	37	4m	
60	131122	04:22:45.2	26:40:32	37	7m	clouds gone, still windy
61	comp			↑		
62	131123	04:22:42.9	26:35:57	37	4m	
63	131124	04:22:45.2	26:33:04	37	4m	forgot fresh command
64	131125	04:22:43.7	26:30:54	37	1m	
65	comp			↑		moon rise
66	141131	04:22:39.8	27:04:44	37	8m	
67	141132	04:22:42.9	27:00:39	37	10m	2 stars on slit
68	comp			↑		
69	141133	04:22:38	+26:55:57	37	5m	seeing still
70	141134	04:22:33	+26:51:38	37	3m	very poor
71	141135	04:22:39	+26:50:10	37	10m	WD & 30
72	comp			↑		
73	151141	04:22:30	+27:24:23	37	10m	
74	151142	04:22:31	+27:21:11	37	8m	
75	comp			↑		
76	151143	04:22:33	+27:17:59	37	8m	extra * on slit to W
77	151144	04:22:33	+27:13:24	37	5m	
78	151145	04:22:33	+27:09:43	37		
79	comp			↑		
80	151145	04:43:20.3	+29:40:26	38	4m	
81	comp			↑		
82	L1544A-76c	05:02:33.9	+25:21:51	38	5m	• close double
83	L1544A-7a	05:02:37	+25:23:14	38	12m	blended spec
84	comp			↑		

82- cannot separate objects b & c

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>4187</u>	
Observer: <u>PB/TL</u>		Grating: <u>300R</u>					
PI: <u>Brown/Geller</u>		Date: <u>12/14/95</u>					
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
85	L1544A-2b	05:03:11.9	+25:44:43	38	8m	terrible seeing. 3" +	
86	COMP			↑		windy!	
87	L1544A-4b	05:02:42	+25:28:41	38	5m		
88	COMP						
89	L1544A-4a	05:02:42.7	+25:27:50	38	5m		
90	L1544A-4d	05:02:45.4	+25:27:15	38	1m		
91	L1544A-4c	05:02:47.3	+25:27:35	38	7m		
92	COMP			↑			
93,4	G223	05:42:02	+12:30:43	30	10s		
95	COMP			↑			
96	HBC72	04:43:59	+16:41:40	36	90s		
97	COMP			↑			
98,99	HBC427	04:52:51	+30:16:20	38	60s	wrong & marked on chart 98 is not Tau1, 99 is not either	
100	COMP			↑			
101	312104166	08:38:55	+31:44:47	3	10m		
102	COMP			↑			
103,107	312.097025	08:39:146	+31:20:49	3	15m	x2	
104,108	COMP			↑		star on slit; 1/2 wind died down	
105	312.095122	08:46:15	+31:16:26	3	15m	seeing still 2-3"	
106	COMP			↑			
109	312.107552	08:45:51	+31:57:35	3	15m	H+	
110	COMP			↑			
111	312.109225	08:52:18	+32:03:21	3	12m		
112	COMP			↑		finally, decent sky	
113	312.106654	08:47:11.9	+31:54:35	3	12m		
114	COMP			↑			
115	312.107840	08:48:45	+31:56:56	3	10m		
116	COMP			↑			
117	312.115363	08:40:51	+32:23:42	3	12	star on slit	
118	COMP			↑			

60 inch Telescope Log			Spectrograph: <u>FAB</u>		Page: <u>4188</u>	
Observer: <u>PBTL</u>			Grating: <u>300L</u>			
PI: <u>Geller</u>			Date: <u>12/14/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
119	312.113192	08:52:22	+32:17:07	3	15m	
120	COMP			↑		
121	312.115749	08:50:254	+32:25:409	3	15m	
122	COMP			↑		
123	312.118308	08:55:118	+32:34:30	3	15m	
124	COMP			↑		seeing comes + goes...
125	312.050595	08:38:50	+28:55:15	3	15m	
126	COMP			↑		
127	312.051904	08:53:537	+29:00:17	3	15m	
128	COMP			↑		
129	312.053421	08:56:1454	+29:03:451	3	15m	
130	COMP			↑		
131	313.005366	09:10:21	+26:27:33	3	10m	
132	COMP			↑		
133-134	Fer234	10:16:41	+43:21:50	1	30s	seeing 2"
135	COMP			↑		
136	N4151	12:08:0	+39:41:01	6	30s	
137	COMP			↑		
138	N45518	14:15:43	+25:22:	6	60s	
139	COMP			↑		
140-141	H244	13:21	+36:33	1	30s	
142	COMP			↑		
143-144	N45LS	12:16:21	+25:59:14	1	30, 3m	
145	COMP			↑		
146-150	AGK2p43928	09:44:21	+43:42:03	1	5s	def + trailed
151				↑		KOIII
152-161	B1A5					
162-171	Flats				6s	

phew, a struggle for
the photos tonight
w/ the wind + seeing...

Time 11:30 15