

Start of FAST Run

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>P Berlin</u>		Grating: <u>300L</u>			Page: <u>4181</u>	
PI: <u>Geller</u>		Date: <u>12/13/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BTAS				0s	cirrus all over
11-20	FLAT				6s	
21	COMP				5s	
22-26	sky	zenith			2s	
27	COMP			↑	5s	
28-33	HD..				5s	spect stars (twilight)
74-75	N7331	22:34:46	+34:09:43	0	2m	
76	COMP			↑		
77	S22.01662	23:30:1311	+10:32:359	3	7m	
78	COMP			↑		
79	S22.01614	23:22:572	+10:34:552	3	12m	H α
80	COMP			↑		
81	S22.022934	23:19:275	+10:34:068	3	15m	
82	COMP			↑		
83	S22.023056	23:14:452	+10:34:262	3	12m	
84	COMP			↑		
85	S22.023677	23:26:412	+10:35:15	3	10m	
86	COMP			↑		
87	S22.026267	23:14:319	+11:04:138	3	12m	
88	COMP			↑		
89	S22.038870	23:29:457	+11:42:077	3	12m	H α - strong
90	COMP			↑		
91	S22.03909	23:18:0526	+11:43:377	3	10m	H α
92	COMP			↑		
93	S22039628	23:18:578	+11:45:327	3	10m	H α
94	COMP			↑		
95	S22.042901	23:16:32	+11:55:12	3	10m	H α * on slit!
96	COMP			↑		
97	S22.044561	23:20:29	+12:02:18	3	10m	H α
98	COMP			↑		

11/28 64



gain 1.12
noise 8.56

dark mean 4.47

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4/82</u>		
Observer: <u>PB</u>		Grating: <u>300</u>		Date: <u>12/13/95</u>		
PI: <u>Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
99	S22.046546	23:15:94	+12:06:35	3	10m	
100	COMP			↑		
101	S22.047415	23:17:287	+12:09:26	3	12m	
102	COMP			↑		
103	S22.048077	23:21:084	+12:11:46	3	15m	
104	COMP			↑		
105	S22.048886	23:23:229	+12:20:56	3	12m	
106	COMP			↑		
107	S22.052742	23:31:585	+12:24:49	3	15m	H α
108	COMP			↑		
109	467.045475	01:12:3829	+12:41:266	3	12m	H α
110	COMP			↑		
111	467.046947	01:32:0404	+12:45:143	3	10m	H α
112	COMP			↑		
113	467.047596	01:17:18	+12:49:49	3	8m	
114	COMP			↑		
115	467.050350	01:18:4518	+12:51:52	3	6m	poor seeing
116	COMP			↑		
117	467.050541	01:04:5103	+13:01:282	3	10m	
118	COMP			↑		
119	467.0516909	01:19:098	+12:46:27	3	12m	
120	COMP			↑		
121	467.052059	01:18:296	+13:05:34	3	10m	
122	COMP			↑		
123	awm7-2003	02:49:453	+41:22:05	35	20m	H α main 2 up
124	COMP			↑		lots of clouds out there!
125	awm7-2006	02:49:59	+41:30:53	35	20m	strong lines
126	COMP			↑		
127	L15413.86	05:02:57	+25:16:47	38	12m	clouds + moon syndrome
128	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>PB</u>		Grating: <u>3000, 3" slit</u>			Page: <u>4/83</u>	
PI: <u>Briceno/Huchra</u>		Date: <u>12/13/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
129	L1544B-8cd	05:03:01	+28:15:39	38	10m	objects c+d on slit
130	COMP			↑		dis w of c
131	L1544B-2a	05:04:50.5	+24:53:18	38	12m	
133	L1544B-2b	05:04:48.6	+24:53:36	38	7m	
132	COMP			↑		
134	L1544B-3c	05:03:37.7	+24:46:41	38	10m	
135	L1544B-3a	05:03:38.1	+24:46:27	38	5m	cluds
136	COMP			↑		
137	0600p27	06:00:52.7	+07:47:08	38	5m	
138	COMP			↑		clearing
139	0604p28	06:04:55	+28:02:29	1	5m	
140	COMP			↑		
141	0605p32	06:05:28	+32:29:43	1	5m	
142	COMP			↑		
143	0606p06	06:06:05.7	+06:16:41	1	15m	LSB Hk
144	COMP			↑		
145	0612p34	06:12:07	+34:03:52	1	10m	1607p25
146	COMP			↑		
147	0612p34	06:12:07	+34:03:52	1	10m	Hk
148	COMP			↑		
149	0612p30	06:12:22	+30:07:29	1	10m/5m	x2
150	COMP			↑		
153	0615p28	06:15:02.4	+28:46:09	1	10m	moon is too close
154	COMP			↑		to the 15R fields
155	0616p28	06:16:03	+28:11:29	1	7m	tonight
156	COMP			↑		
157	0619p29	06:19:44.9	+28:06:54	1	7m	
158	COMP			↑		
159	0620p28	06:20:37.2	+28:45:44	1	10m	
160	COMP			↑		

Moon 11 +3

Li 6701

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>4184</u>	
Observer: <u>PB</u>			Grating: <u>302</u>			
PI: <u>Parkins/Brice</u>			Date: <u>12/13/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
161	062 p25	06:21:53	+25:07:42	1	10m	moon
162	WMP			↑		a few more clouds
163	062Sp23a	06:25:21	+23:32:51	1	15m	
164	WMP			↑		
165	062Sp23b	06:25:35	+23:49:56	1	15m	
166	WMP			↑		low mountain clouds!
167	0630p24	06:30:27	+24:24:30	1	15m	- redo this in good sky
168	WMP			↑		. nice moon halo,
169-170	Ferze34	10:31	+43	0	1m	compact red+green
171	WMP			↑		
172-194	HD...			0	20s	heavy cloud - stars
195	MRK421	11:04:15	+38:18:30	6	5m	
196	WMP			↑		
197-198	N4151	12:08	+39:44	6	30s	
199	WMP			↑		
200-201	H244	13:14	+36:27	0	45s	
202	WMP			↑		
203	AS456	08:41:494	+11:11:47	38	7m	
204	WMP			↑		solid out there
205	AS178	08:42:16	+20:03:32	38	6m	
206	WMP			↑		
207-208	ASS20	08:43:06	+19:42:17	38	5m	4m
209	WMP			↑		
210-11	N3001	09:51:30	+69:18:18	0	90s	
212	WMP			↑		
213-217	AGK2p45928	09:49:20	+43:16:57	0	30-90s	
218	WMP			↑		close due to cloud
219-228	239-248 BIRS			0	0s	@down
229-238	FLAT			0	6s	2nd level up to S10
249-252	DARK			0	15m	

that's a wrap.

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