

★ Start of FAST Run ★

60 inch Telescope Log
 Observer: P Berlin, Joanna Kuraszki, Belinda Wilkes
 PI: Joanna
 Spectrograph: FAST
 Grating: 3000
 Date: 11/21/97
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-15	fastfac					CCD has new UV-flood
16-25	BIAS			0	0s	DARKS show structure #25
26-35	fastfac					5 higher than other not used
38-47	FLAT	2"	Slit!			2" slit
47-51	FLAT	3"				3" slit clean slits
52-58	FLAT	2"				2" slit =
59-61	MD192281	20:10	+40	56	10s	
62	COMP			↑		lots of cirrus
63-65	BDp284211	21:48		56	90s	airmass 1.0
66	COMP			↑		
67	Q220p315	22:03	+31:45	69	20m	
68	COMP			↑		
69	Q1928p738	19:29	+73:58	69	20m	
70	COMP			↑		bad comp ✓
71	N7331	22:39	+34:09		4m	
72	COMP					
73	M32	00:39	+40:35		60s	
74	COMP					
75	Q 0050+124	00:53	+12:41		15m	
76	COMP					
77	Q 0050+124	00:53	+12:41		15m	
78	COMP					
79	BDp284211	21:48			90s	airmass 1.2
80	COMP					
81	Q 2344+032				20m	
82	COMP					
83	Q 2344+032				20m	
84	COMP					
85	Q 2251+158	22:53	16:02		20m	
86	COMP					

NO BIN BY 2 DARKS!

Line list changed slightly with this run (added & removed)

where did you change to a 3" slit?

60 inch Telescope Log

Observer: PB/JSK
 PI: Geller

Spectrograph: FAST
 Grating: 300R
 Date: 11/21/97

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
87	Q 2251+158	22:55	16:08		20m	clouds
88	COMP					
89	BD, 284211	21:48	28:32		90s	
90	COMP					bad comp
91	Feige 110	23:17	-05:26		150s	
92	COMP					bad comp
93	Z005925	00:00	00:00	60	4m	
94	Z001853 Z014956	+28:24	+28:14	60	6m	Wgal = Z014956
95	COMP			↑		Egal = Z002853 3"
96	Z010613	00:00	-06:45	60	5m	
97	COMP			↑		
98	Z004214	00:01	+06:14	60	4m	
99	COMP			↑		
100	Z010690	00:01	+04:32	60	10m	
101	COMP			↑		
102	Z005791	00:46	+29:57	60	5m	
103	COMP			↑		
104	Z012592	01:00	+19:50		4m	
105	COMP					
106	Z004947	01:06	+10:31		5m	
107	COMP					
108	Z005832	01:09	+32:24		5m	
109	COMP					
110	Z001770	01:20	-29:41		5m	
111	COMP					
112	N003291	01:24	+21:06		15m	wk; em
113	COMP			↑		
114	N000391	01:53	+16:57	60	3m	
	COMP			↑		

89 + 91 - bin by 2 or by 3 ???
 can't tell - no comps
 all files have 2"
 in header but they aren't
 all 2"

ASSUMED 2" slit
 for 88 + 91 (NO IDEA REALLY)
 USED 2" COMP (FILE 88)

60 inch Telescope Log

Observer: PBSJK

PI: _____

Spectrograph: FAST

Grating: 3009

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
116	Z014975	01:43	+30:36	60	7m	
117	COMP			↑		
118	Z009243	01:46	+28:45	60	6m	
119	COMP			↑		
120	Z000810	01:50	+35:17	60	3m	
121	COMP			↑		3" slit
122	Q0105m123	01:01	-12:11	69	15m	2" slit
123	COMP			↑		3" slit more clouds
124-5	D6Tay	04:27	+26:06	12	100, 10s	3" slit
126	COMP			↑		3" slit
127-128	DREin	04:33	+25:20	12	2m, 10s	
129	COMP			↑		
130-131	DREin	04:37	+16:58	12	80s, 10s	
132	COMP			↑		
133	021118 32p10100	02:11	+12:02	68	10m	
134	COMP			↑		
135	024145 22p151036	02:41	15:10	68	12m	
136	COMP			↑		
137	024205 13p155750	02:42	15:17	68	10m	
138	COMP			↓		
139	024304 90p140006	02:43	14:00	68	15m	use COMP * 138
140	COMP			↑		bad comp
141	Q0624 p691	06:30	+69:03	69	15m	2" slit
142	COMP			↑		2" slit stopped by clouds
143	SN 195720	07:26	+47:00	2	9m	not 20m. bin by 2
144	COMP			↑		3" slit im-returned from + top
145	06163p35103	06:16	+36:03	43	10m	bin by 2; bright & nearby
146	COMP			↑		nice em!! pslk 2104
147	06191p4678	06:19	+46:38	43	5m	
148	COMP			↑		

60 inch Telescope Log

Observer: PBJJK

PI: PBJJK Hucha

Spectrograph: FAST

Grating: JWL

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
149	06388 p4606	06:38	+46:06	43	5m	nice sky!
150	COMP			↑		
151	06410 p4756	06:41	+47:52	43	7m	
152	COMP			↑		
153	06478 p4912	06:47	+48:12	43	7m	
154	COMP			↑		
155	SN1997do	07:26	+49:05	2	15m	bm by 2
156	COMP			↑		
157	07391 p5505 B	07:39	55:05	43	5m	
158	p5505A	"	"	43	5m	em
159	p5505C	"	"	43	7m	
160	COMP			↑		
161	07409 p6553	07:40	+65:53	43	8m	em
162	COMP			↑		
163	07435 p6703	07:43	+67:03	43	7m	
164	COMP			↑		
165	07437 p5120	07:47	+51:20	43	8m	
166	COMP			↑		
167	SN1997dg	11:40	+11:28	2	20m	bright moon nearby
168	COMP			↑		
169	07438 p6528	07:45	65:28	43	4.5m	
170	COMP			↑		scattered clouds @ dawn
171	07440 p6619	07:45	66:19	43	3m	
172	COMP			↑		
173	07440 p4820	07:44	48:20	43	6m	dawn -
174	COMP			↑		
175	07455 p5248	07:45	52:48	43	3m	
176	COMP			↑		
177-186	BIAS			0	0s	
187-196	FLAT			0	6s	3" slit
197-206	BIAS			0	0s	bm by 2
207-216	FLAT			0s	12s	" "
217-226	FLAT2			0s	9s	bm by 4, 2" slit
227-236	DARK				15m	

There is NO FILE 236 on sparky for this night