

60 inch Telescope Log

Observer: P. Bertin & E. Barton

PI: Wilkes & Geller

Spectrograph: FAST

Grating: 3000; 3" slit; binby 4

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Date: 11/13/95

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	clear
11-20	FLAT				6s	clouds to south
21	COMP				5s	
22-26	sky			0		5:40
27	COMP			↑		
28-51	spectral standards			0	2-10s	twilight
52,53	N7331	22:34	+34	0	2m	
54	COMP			↑		
55,56	BDP284211	21:48:57.1	+28:37:48	0	30s	
57	COMP			↑		
58	3C390.3	19:45:31	+79:43:07	6	2m	
59	COMP			↑		
60	MRK509	20:41:26	-10:54:48	6	90s	
61	COMP			↑		
62	SZ1.025105	22:42:4504	+11:02:15	3	10m	
63	COMP			↑		
64	SZ1.025811	22:49:46	+10:54:18	3	10m	
65	COMP			↑		
66	SZ1.026712	22:49:23	+10:56:57.5	3	20m	H $\alpha$ @ pix 2099
67	COMP			↑		
68	SZ1.031992	22:50:04.15	+11:12:14.7	3	15m	cluster of galaxies
69	COMP			↑		
70	SZ1.032083	22:46:343	+11:12:224	3	15m	
71	COMP			↑		
72	SZ1.032674	23:05:119	+11:12:519	3	15m	
73	COMP			↑		
74	SZ1.035050	22:44:117	+11:14:01	3	20m	H $\alpha$ @ pix 2196
75	COMP			↑		
76	S19.068200	22:19:04.6	+11:39:50.4	3	20m	
77	COMP			↑		

gain 1.15  
noise 8.89

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4075</u>		
Observer: <u>PB/EB</u>		Grating: <u>300</u>				
PI: <u>Geller</u>		Date: <u>11/13/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
78	519.072980	22-11:31.44	+11:47:42.8	3	7m	
79	COMP			↑		
80	519.077246	21-58:35.42	+11:51:2.5	3	20m	H <sub>2</sub>
81	COMP			↑		
82	519.083064	22-01:51.8	+12:05:55.4	3	20m	
83	COMP			↑		
84	519.090682	22-18:45.52	+12:20:24.8	3	20m	
85	COMP			↑		
86,88	SN1995ak	02-45:48.8	+03:13:50	2	15m	x2
87,89	COMP			↑		
90,91	Hiltner 102	01-05:53.8	+62:31:32	0	20s	
92	COMP			↑		
93	a194-gal1041	01-27:22.5	-02:25:45.5	33	10m	
94	COMP			↑		
95	a194-gal042	01-27:22.5	-01:14:27.5	33	20m	
96	COMP			↑		
97	a194-gal 043	01-27:26.5	-01:38:53.8	33	20m	
98	COMP			↑		
99	a194-gal 044	01-27:32.9	-01:14:43.9	33	10m	
100	COMP			↑		
101	468.020189	01-53:02.51	+11:07:37.8	3	16m	
102	COMP			↑		
103	468.024692	01-46:56.27	+11:26:17.3	3	15m	
104	COMP			↑		
105	468.025025	01:56:12.77	+11:26:42.4	3	15m	
106	COMP			↑		
107	468.028353	01-49:39.43	+11:40:56.3	3	15m	
108	COMP			↑		
109	468.031091	01-44:20.89	+12:02:10.1	3	15m	
110	COMP			↑		

103 - H<sub>2</sub> ??

Mumrose - 11 ; 08:40+12

S167.3  
S172.7  
S183.6

60 inch Telescope Log

Observer: PB/EB

PI: Karanyi/Kenyon/Briceno

Spectrograph: FAST

Grating: 3000

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Date: 11/13/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
111	awm7-2001	02:49:20.6	+40:53:17	35	15m	bright moon
112	COMP			↑		
113	awm7-2004	02:49:45.9	+41:27:26.1	35	20m	H $\alpha$ = pix 2340
114	COMP			↑		
115	awm7-2005	02:49:52.8	+40:43:28.3	35	15m	H $\alpha$
116	COMP			↑		
117	awm7-2008	02:50:26.5	+41:56:45.8	35	20m	2 bright * on slit
118	COMP			↑		
119	awm7-2012	02:50:38.9	+41:41:54.3	35	8m	bright * on slit
120	COMP			↑		
121	04108p2910E	04:10:49	+29:10:42	30	5m	East of cross hair
122	COMP			↑		
123	04108p2910W1	"	"	30	6m	*
124	04108p2910W2	"	"	30	8m	*
125	COMP			↑		
126	04171p2756E	04:17:11	+27:56:47	30	6m	
127	04171p2756W	"	"	30	15m	faint nebula to SW
128	COMP			↑		
129	04413p2608	04:41:23.9	+26:08:33	30	15m	other *'s on slit
130	COMP			↑		
131	04428p2403	04:42:53.1	+24:03:26	30	15m	this object is fuzzy for a good reason: H $\alpha$ 7063Å!
132	COMP			↑		
133	p1314-11	04:47:33.3	+29:31:24	38	10m	
134	COMP			↑		
135	p1314-9	04:48:49.4	+30:01:46	38	5m	
136	COMP			↑		
137	p1314-6	04:49:44.7	+28:20:29	38	90s	
138	COMP			↑		
139	p1314-7	04:49:21.3	+30:55:34	38	30s	
140	COMP			↑		

## 60 inch Telescope Log

Observer: PB/EBSpectrograph: FBIGrating: 300Page: 4077PI: Britzen/Kirshner/HuchraDate: 11/13/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
141	p1314-y	04:51:42.9	+30:47:19	38	90s	H $\alpha$
142	COMP			↑		
143	p1314-z	04:52:09.7	+30:57:45	38	10m	strong H $\alpha$
144	COMP			↑		
145,147	SNI99sa1	09:50:55.9	+33:37:09	2	10m	+2 25,000ents continuum
146,148	COMP			↑		
149	CGCG06p6343	09:20:36	+63:43:60	1	5m	finally a bright galaxy!
150	COMP			↑		aged d'cfa 15.5 mag
151	CG 22C p6278	09:22:36	+62:38:60	1	5m	star
152	CG 257p6246	09:25:42	+62:46:60	1	5m	H $\alpha$
153	COMP			↑		
154	MRK 421	11:01:40	+38:28:43	6	2m	
155	COMP			↑		
156	M4151	12:08:01.1	+39:41:01	6	1m	
157	COMP			↑		
158,159	Ferguson	10:36:41	+43:21:50	0	30s	
160	COMP			↑		
161-163	DLMon	07:27:59	-03:20:60	12	5,15,30s	
164	COMP			↑		
165-167	UUAur	05:18:23	+32:27:51	12	15,10s	
168	COMP			↑		
169-173	AGKZp14783	07:17:47	+14:58:37	0	5s	def + trl no comp; redo
174-175	Hiltner 606	06:42:37	+02:11:25	0	30s	
176	COMP			↑		
177-181	AGKZp14783	07:17:47	+14:58:37	0	5s	def + trl
182	COMP			↑		
183-192	BIAS				0s	
193-202	FLAT				6s	
203-206	DARK				15m	