

FAX: to Susan Tokare
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60 inch Telescope Log

Observer: P. Berlin

PI: Wilkes

Spectrograph: FAST

Grating: 3002

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Date: 7/6/97

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	focus = 840
11-20	FLATB			98	5s	5" slit; tilt = 600.0; WG 360 filter
21-30	FLATR			98	5s	5"; tilt = 827.0; GG 495; focus 860
31-40	FLAT	(regular setup)		0	6s	3"; tilt = 607.0; none; 960
41-50	BIAS			0	0s	bmbg 2
51-60	FLAT			0	12s	bmbg 2
61-65	sky			57	2s	
66	COMP			↑	7s	scattered clouds fading...
67-68	For 66	12:34	+75:20	56	1m	
69	COMP			↑		
70	N4851	12:08	+39:41	6	30s	
71	COMP			↑		
72	MRK 279	13:51	+67:33	6	3m	
73	COMP			↑		
74	N5518	14:15	+25:22	6	3m	
75	COMP			↑		
76	N4466B	12:30	+12:29	57	4m	
77	COMP			↑		
78	N4853	12:58	+27:35	57	4m	
79	COMP			↑		
80-81	BDp 332642	15:51	+72:56	98	90s	5" slit; WG 360 filter in ↓
82	COMP			↑	5s	sec 2 = 1.00 tilt = 600.0
83-84	H244	13:21	+36:23	98	3m	PA = 90! sec 2 = 1.13
85	COMP			↑		
86-90	HR 510	13:34	+37:10	98	1s	PA = 88
91	COMP			↑		
92-97	HR 510R	13:34	+37:10	98	1s, 4s	GG 495 filter; tilt = 827.0 ↓
98	COMP			↑		
99-100	H244R	13:21	+36:23	98	4m	PA = 86°
101	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Geller

Spectrograph: FIRST

Grating: 30R

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Date: 7/6/97

Number	Object	R. A.	Dec.	L/R	Exp	Comments
102-106	FLATR	13:21	+76:23	98	55	3:50 - 04:10
107-108	BDP332642R	15:50	+33:05	98	3m	PA=52
109	COMP			↑		
110	Z007063E	14:06	+02:19	60	4m	3" slit; tilt=60°; no filter
111	Z007063W	14:06	+02:19	60	10m	em focus=960
112	COMP			↑		
113	N002821N	14:11	+14:11	60	6m	em
114	N002821S	14:11	+14:11	60	8m	wkem
115	COMP			↑		
116	Z006071N	14:17	+08:37	60	6m	em
117	COMP			↑		
118	N002967S	14:09	+29:10	60	10m	redo
119	COMP			↑		
120	A000949 E	15:01	+28:30	60	5m	storms to S+E
121	A000949 M	15:01	+28:30	60	5m	
122	A000949 W	15:01	+28:30	60	5m	
123	COMP			↑		
124	Z011930N	15:00	+13:17	60	5m	
125	COMP			↑		
126	Z013284	15:09	+05:02	60	5m	agn
127	COMP			↑		
128	Z008476N	15:07	+14:37	60	5m	
129	Z008476S	15:07	+14:37	60	4m	em; close N-S pair
130	COMP			↑		
131	Z006003S	15:10	+07:42	60	5m	
132	Z006003N	15:10	+07:42	60	5m	
133	COMP			↑		
134	Z013086W	15:11	+06:20	60	5m	wkem yes, but not very good; should have been longer
135	Z013086E	15:11	+06:20	60		
136	COMP			↑		

60 inch Telescope Log

Observer: PBS

PI: Geller & Huchra

Spectrograph: FAST

Grating: X02

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
137	ZW09572	15:11	+05:12	60	7m	em
138	COMP			↑		
139	Z013095	15:16	+06:47	60	5m	
140	COMP			↑		
141	Z013099	15:17	+07:09	60	5m	
142	COMP			↑		
143	Z013260E	15:22	+08:45	60	5m	
144	Z013260W	15:22	+08:45	60	5m	
145	COMP			↑		
146	A000867N	15:23	+08:36	60	5m	
147	A000867S	15:23	+08:36	60	5m	wk
148	COMP			↑		
149	A000900W	15:21	+20:39	60	5m	humidity ↑↑
150	A000900E	15:21	+20:39	60	5m	seeing worse
151	COMP			↑		
152	Z015905	15:10	+43:17	60	5m	
153	COMP			↑		
154	160128 p160636	16:01	+16:06	25	20m	
155	COMP			↑		
156	160356 p170159	16:03	+17:01	25	20m	
157	COMP			↑		
158	160251 p193111	16:02	+19:31	25	17m	
159	COMP			↑		
160	18014 p6521E	18:01	+65:21	43	4m	
161	18014 p6521W	18:01	+65:21	43	5m	wk
162	COMP			↑		clouds
163	18040 p6013	18:04	+60:13	43	20m	
164	COMP			↑		
165	18048 p6012	18:04	+60:42	43	6m	em
166	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Huchra & Geller

Spectrograph: FAST
 Grating: 700R
 Date: 7/6/97

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
167	1805 Sp 6819	18:05	+68:19	43	5m	em
168	COMP			↑		
169	18080 p 7015	18:06	+70:15	43	8m	em
170	COMP			↑		
171	18102 p 6402	18:10	+64:02	43	5m	em to to W
172	COMP			↑		
173	18106 p 6917	18:10	+69:17	43	15m	em
174	COMP			↑		
175	18115 p 6842	18:11	+68:42	43	7m	em
176	COMP			↑		poor seeing
177	N6587	18:10	+61:10	43	6m	humid!
178	COMP			↑		
179	N6601	18:11	+61:26	43	5m	
180	COMP			↑		
181	N6608	18:11	+61:19	43	11m	em
182	COMP			↑		
183	MRK509	20:41	-10:54	6	3m	
184	COMP			↑		
185	Z005676E	23:33	+01:52	60	5m	pec? also #188
186	Z005676W	23:33	+01:52	60	90s	em + stellar nucleus
187	COMP			↑		
188	Z005676E	23:33	+01:52	60	8m	redo from #185
189	COMP			↑		all Balmer H absorption
190	A001013EW	23:34	-01:57	60	10m	no supposed star
191	COMP			↑		also comp to E
192	Z010608	23:46	+01:57	60	6m	em
193	COMP			↑		
194	Z009036 S	23:47	+01:47	60	4m	South comp
195	COMP			↑		
196	N7469	23:03	+08:52	6	2m	

60 inch Telescope Log

Observer: PB

PI: All

Spectrograph: FAST

Grating: 3WR

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
197	COMP			7		
198	MRK335	00:03	+49:55	6	3m	poor seeing
199	COMP			7		
200-202	CIC ₈₈	19:50	+35:41	17	40, 20, 7.5	
203				7		
204-206	HDFR281	20:12	+40:18	56	55	
209	COMP			7		scattered clouds
208-210	HDFR286	22:54	+62:07	36	55	@ dawn
211	COMP			7		
212-214	BIAS			0	0s	
222-231	FLAT			0	6s	