

60 inch Telescope Log

Observer: P. BerlinPI: Wilkes, Huchra, KirshnerSpectrograph: FASTGrating: 300R, 3" slitPage: 4692Date: 5/21/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	bin by 4
11-20	FLAT			0	6s	bin by 4
21-30	BIAS			0	0s	bin by 2
31-40	FLAT			0	12s	bin by 2
41-45	sky			0	2s	bin by 4
46	COMP			↑	5s	
47-49	HD 115043	12:10	+56:41		4s	
50	COMP					clear skies!!
51-53	HD 128165	14:33	+52:54	0	4s	
54	COMP			↑		
55-57	HD 128167	14:34	+29:44	0	2s	
58	COMP			↑		
60	N 4151	12:08	+91:41	6	30s	
61	COMP			↑		
62-63	Feyjeb	12:34	+25:20	0	1m	
64	COMP			↑		
65	MRK 279	13:51	+69:33	6	2m	
66	COMP			↑		
67	N 5508	14:15	+25:22	6	2m	
68	COMP			↑		
69	N 4051	12:00	+44:48	6	2m	
70	COMP			↑		
71	MRK 421	11:01	+36:25	6	4m	
72	COMP			↑		
73	CG 001 p 5547	09:03:44	+55:35:48	1	8m	H _α
74	COMP			↑		
75	SN 1967E	09:36	-21:08	2	12m	bin by 2
76	COMP			↑	8s	
77	11 HD 32 m 142	10:31	-14:16	49	12m	see 2-1.7
78	COMP			↑		

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
79,81	PG1008 p133	10:11	+13:04	49	15m	x2
80,82	COMP			↑		
83,84	Feyr 34	10:36	+13:21	0	90s	1.2 13
85	COMP			↑		
86	A12244/p1056	12:24.21	+10:56	1	20m	also observed 5/17/96 LSB
87	COMP			↑		4664/63 1x20 comp
88	PG1351/p640	13:53	+63:45	49	12m	
89	COMP			↑		seeing $\leq 2''$
90,92	PG1352 p183	13:54	+18:05	49	15m	x2
91,93	COMP			↑		
94,95	H244	13:21	+36:23	0	1m	20
96	COMP			↑		
97,98	Feyr 34	10:36	+13:21	0	90s	1.5
99	COMP			↑		
100/01	Feyr 66	12:34	+25:20	0	1m	1.0
102	COMP			↑		
103	320.018555	12:25	+27:22	3	6m	em
104	COMP			↑		bin by 2
105	320.019210 EW	12:24	+27:25	3	7m	E is the real target; W comp
106	COMP			↑		along for the ride
107	320.020301	12:21	+27:29	3	6m	
108	COMP			↑		
109	320.021756	12:24	+27:37	3	10m	LSB em
110	COMP			↑		
111	320.030258	12:25	+28:06	3	7m	
112	COMP			↑		
113	320.031100	12:19	+28:10	3	7m	
114	COMP			↑		
115	320.031825	12:04	+28:11	3	7m	
116	COMP			↑		

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Observer: <u>PB</u>			Grating: <u>3002</u>			
PI: <u>Geller & Krishner & Huchra</u>			Date: <u>5/21/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
117	320.031958	12:07	+28:12	3	7m	clear; seeing ~2"
118	COMP			↑		
119	320.036201	12:22	+28:29	3	10m	em
120	COMP			↑		
121-122	Feyge66	12:34	+28:20	0	1m	18 1.4
123	COMP			↑		
124	324.065829	13:44	+30:42	3	7m	em
125	COMP			↑		
126	324.087794	14:12	+30:48	3	7m	* on slit to W
127	COMP			↑		
128	324.100526	14:01	+31:38	3	7m	em+
129	COMP			↑		
130	324.109566	14:11	+32:13	3	7m	
131	COMP			↑		
132-133	Feyge66	12:34	+28:20	3	1m	1.65
134	COMP			↑		
135,137	AbellSN	15:19	+28:06	2	20m	V=19+ supernova iZ
136,138	COMP			↑		bin by 2
139	PG1708p602	17:08	+60:13	0	5m	
140	COMP			↑		
141	1745p6227	17:46	+62:26	49	20m	z=3.9 QSO - wrong - K star*
142	COMP			↑		chart was wrong!
143	160133p60455	16:01	+16:04	25	5m	
144	COMP			↑		
145	160231p602732	16:02	+20:07	25	5m	
146	COMP			↑		
147	16:0258p160338	16:02	+16:03	25	5m	
148	COMP			↑		
149	160134p150457	16:01	+15:04	25	5m	
150	COMP			↑		

OBJECT ON FILE 140 (ON TOP OF HENBAR LINES)
DID NOT extract 139

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>PB</u>			Grating: <u>3002</u>		Page: <u>4695</u>	
PI: <u>Huchra</u>			Date: <u>5/21/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
151	160336p162002	16:03	+16:20	25	6m	K Band LF
152	COMP			↑		
153	160114 p154219	16:01	+15:42	25	6m	em
154	COMP			↑		
155	160311 p160239	16:03	+18:02	25	6m	
156	COMP			↑		
157	160319 p163938	16:03	+16:39	25	6m	sup + * em pec
158	COMP			↑		
159	160013 p163226	16:00	+16:32	25	5m	
160	COMP			↑		
161	160336 p155053	16:03	+15:50	25	5m	is really * 17
162	COMP			↑		
163	160251 p164219	16:02	+16:42	25	5m	next to brighte
164	COMP			↑		
165	160314 p160346	16:03	+18:03	25	6m	em
166	COMP			↑		
167	160332 p150955	16:03	+15:09	25	8m	= em
168	COMP			↑		
169	160028 p162008	16:00	+16:23	25	6m	
170	COMP			↑		
171	160248 p164019	16:02	+16:40	25	5m	
172	COMP			↑		
173	160031 p165138	16:00	+16:51	25	5m	
174	COMP			↑		
175	160125 p163643	16:01	+16:36	25	5m	
176	COMP			↑		
177	160340 p155136	16:03	+15:51	25	5m	
178	COMP			↑		
179-181	CFCmp	19:50	+25:41	12	1m, 20s, 2s	
182	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: All

Spectrograph: FAST

Grating: 3002

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
183-185	H0192281	20:10	140-07	0	5s	sparky crashed (???)
186	OMP			T		rebooted by itself!
187-196	BIAS	.		0	0s	
197-206	FLAT			0	6s	
207-216	BIAS			0	0s	bin by 2
217-226	FLAT			0	12s	bin by 2
						a few clouds in the North @ dawn