

60 inch Telescope Log

Observer: P Berlin
 PI: Huchra

Spectrograph: FAST
 Grating: 300R
 Date: 11/16/98

Page: 668

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	Leonids tonight?
11-20	FLAT				4s	5" slit
21-30	BIAS				0s	
31-40	FLAT				6s	3" slit
41-50	BIAS				0s	
51-60	FLAT				12s	clear skies
61-65	sky			S7	2s	
66	COMP			↑	5s	
67-69	HD 193514	20:18	+78:16	S7	5s	
70	COMP			↑		
71-73	HD 193595	20:19	+78:16	S7	6s	
74	COMP			↑		
75-77	HD 205395	20:19	+79:03	S7	8s	
78	COMP			↑		
79-81	HD 207076	21:16	-02:12	S7	4s	
82	COMP			↑		
83-84	HD 214479 - N	22:32	-20:37	S7	5s	
85	COMP			↑		
86-91	HD 193538	20:20	+16:43	S7	4s ⁺	
92				↑		
93-94	SDP 284211	21:48	+28:37	S6	30s	
95	COMP			↑		
96	ZM 221949.7	22:09	+26:13	68	5m	lon by 2; close E-W pair
97	COMP			↑		* to W ↑ ↑ - S ₂ 1
98	ZM 220446	22:09	+26:27	68	5m	* gal
99	COMP			↑		
100	ZM 230352	23:03	+22:48	68	5m	
101	COMP			↑		
102	ZM 231537	23:15	+18:35	68	5m	
103	COMP			↑		

96 * to E, gal to W

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Page: 662

Date: 11/16/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
104	ZM23192.7	23:19	+19:37	68	4m	
105	COMP			r		
106	ZM232030.1	23:30	+13:54	68	4m	gal to E (ok)
107	COMP			r		
108	ZM232147.5	23:31	+21:31	68	4m	
109	COMP			r		
110	ZM232058.4	23:30	+21:20	68	4m	
111	COMP			r		
112	ZM232059.9	23:05	+19:53	68	5m	
113	COMP			r		
114	ZM232153.7	23:04	+20:45	68	4m	
115	COMP			r		
116	ZM232034.9	23:03	+22:14	68	5m	
117	COMP			r		
118	ZM232052.9	23:05	+20:40	68	10m	exp to 2 ok
119	COMP			r		
120	ZM2320413.8	23:04	+20:53	68	10m	close bin by 2 * + E - 0 cm
121	COMP			r		
122	ZM2320501.3	23:05	+18:02	68	4m	
123	COMP			r		
124	ZM232347.5	23:23	+19:37	68	4m	
125	COMP			r		
126	ZM231854.2	23:18	+18:35	68	4m	
127	COMP			r		
128	ZM231410.0	23:14	+21:34	68	3m	
129	COMP			r		
130	ZM232429.0	23:24	+18:02	68	11m	2 em
131	COMP			r		
132	ZM2322136	23:22	+20:20	68	4m	
133	COMP			r		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>PB</u>				Grating: <u>300A</u>		Page: <u>6683</u>
PI: <u>Huchra & All</u>				Date: <u>11/16/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
134	2M 233208.6	23:32	+21:13	68	4m	SSS
135	COMP			↑		
136	2M233855.3	23:38	+22:17	68	6m	* + E
137	COMP			↑		
138	SN1998eg	22:57	+04:36	2	20m	sec z = 1.18
139	COMP			↑		
140	Forcello	23:17	-05	SG	2m	sec z = 1.30 HX = 11
141	COMP			↑		
142	SN1998es	01:37	+05:52	2	10m	sec z = 1.15 PA = -294
143	COMP			↑		
144	COMP test					tilt = 595.0; z _g = 3400 Å L
145	SN1998es blue	01:37	+05:52	2	15m	PA = -25° = 155° sec z = 1.3
146	COMP			↑		
147-150	HD 217086	22:54	+62:27	2	4.8s	PA = -47 = 135° sec z =
151	COMP			↑		
152	Forcello	22:17	-05:26	SG	2m	PA = +35
153	COMP			↑		
154-156	Forcello	"	"	SG	2m	5" slit; tilt = 610.0 PA = +36
157	COMP					sec z = 1.15 PA = 90 L
158	sky. zenith	01:36:20	+32:15:57	SG	30m	blank sky for Nelson tests
159	COMP			↑	4s	
160	sky. south	02:17:29	-17:22:46	SG	30m	star → row 57
161	COMP			↑		
162	sky. west	22:49:54	+51:59:29	SG	30m	
163	COMP			↑		
164	sky. north	03:11:33	+79:56:29	SG	30m	good meteors bright; orange, green
165	COMP			↑		

60 inch Telescope Log

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Grating: 3000

Page: 6684

PI: Greller

Date: 11/16/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
166	sky-east	3:11:33		96	30m	
167	COMP			↑		
168-170	G19102B	05:01	+52:43	56	2m	10x
171	COMP			↑		
172	AS39.04594	04:59	+07:13	64	7m	3" slit ↓
173	COMP			↑		
174	.045945	04:59	+06:41	64	12m	
175	COMP			↑		
176	.045954	04:59	+10:17	64	15m	high cz
177	COMP			↑		
178	.045909	04:59	+07:27	64	10m	a few thin clouds
179	COMP			↑		
180	.050012	05:00	+02:44	64	12m	
181	COMP			↑		
182	.050036W	05:00	+06:56	64	15m	bin by 2; close EW pair gals
183	COMP			↑		
184	.050014	05:00	+05:55	64	10m	lots of bright meteors!
185	COMP			↑		high cz
186	.050019	05:00	+08:34	64	10m	
187	COMP			↑		
188	.050019	05:00	+05:32	64	10m	
189	COMP			↑		
190	.050040	05:00	+10:51	64	11m	
191	COMP			↑		
192	.050011	05:00	+06:10	64	9m	
193	COMP			↑		
194	.051618	05:16	+06:17	64	12m	↑ to E
195	COMP			↑		
196	.051618	05:16	+06:26	64	12m	
197	COMP			↑		

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Page: 6685

PI: Geller

Date: 11/16/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
198	q539.051620	05:16	+05:20	64	10m	
199	COMP			↑		
200-03	CIZan	04:19	+58:59	107	5, 20, 60	
200	COMP			↑		
205	q539.051625	05:16	+06:20	64	5m	
206	COMP			↑		
207	.051628	05:16	+06:20	64	12m	
208	COMP			↑		
209	.051631	05:16	+06:26	64	15m	to E
210	COMP			↑		
211	.051631	05:16	+06:33	64	5m	
212	COMP			↑		
213	.051631	05:16	+06:26	64	6m	
214	COMP			↑		
215	.051637	05:16	+06:26	64	8m	
216	COMP			↑		
217	.051639	05:16	+06:27	64	8m	dk bmbg 2 to to W
218	COMP			↑		
219	.051645	05:16	+06:22	64	8m	* to E
220	COMP			↑		
221	.051645	05:16	+06:25	64	15m	
222	COMP			↑		
223	.051647	05:16	+06:42	64	10m 8m	em big fireball w/ lingering vapor trail - cool
224	COMP			↑		
225	Faye 34	10:36	+43:21	56	90s	
226	COMP			↑		
227	N3377	10:45	+14:14	57	2m	clear & dawn
228	COMP			↑		
229-238	DATA				0s	
239-248	FLAT				6s	
249-258	DATA				0s	
259-268	FLAT				12s	
269-278	DARK				15m	