60 inch Telescope Log

Observer: K. Rines

PI: Huchra

Spectrograph: FAST

Grating: 300l

Date: 11/26/98

Page: 6734

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	BIAS				0s	bin by 2
6-10	BIAS				0s	bin by 4
11-20	DARK				15m	
21-30	BIAS				0s	
31-40	FLAT				6s	
41-50	BIAS				0s	bin by 2
51-60	FLAT				12s	
61	sky				10s	
62-66	sky				15s	
67	COMP					
68	BD+28 4211	21 48	28 37	56	45s	
69	COMP			↑		6s, not 12s
70	BD+28 4211			56	30s	
71	BD+28 4211			56	30s	bin by 4
72	COMP			↑		
73	N7331	22 34	34 09	57	3m	
74	COMP			T		
75	2m0154017+31	1 54 01	31 52 26	68	5m	obj. to E (underexposed)
76	COMP			↑		
77	2m0109235+13	1 09 23	13 05 43	68	5m	obj. to W
78	COMP			↑		
79	2m0145540+34	1 45 54	34 40 56	68	5m	Δ = 84° WAY underexposed
80	COMP			↑		
81	2m0125436+27	1 25 43	27 07 21	68	6m	Δ = 84°
82	COMP			↑		
83	2m0107300+26	1 07 30	26 06 19	68	5m	Δ = 90.0
84	COMP			T		
85	2m0103399+15	1 03 39	15 53 12	68	5m	
86	COMP			↑		
87	2m0151222+13	1 51 22	13 03 37	68	4m	* to E

file #s 79, 97, 105 + 181
are badly underexposed
but 79 is only one with?
others not 9

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Page: 6735

Number	Object	R.A.	Dec.	L/R	Exp	Comments
88	COMP			↑		
89	2m0147504p27	147 50	27 17 33	68	5m	
90	COMP			↑		
91	2m011924.0p12	1 19 24	12 49 46	68	5m	A to W
92	COMP			↑		
93	2m012743.6p28	1 27 43	28 14 51	68	8m	obj. (gal?) to W
94	COMP			↑		6m by 2
95	2m010139.4p29	1 01 39	29 37 45	68	8m	2 A to E
96	COMP			↑		
97	2m014454.1p27	1 44 54	27 29 09	68	10m	
98	COMP			↑		
99	2m012310.1p27	1 23 10	27 23 07	68	5m	
100	COMP			↑		
101	2m010559.4p29	1 05 59	29 12 34	68	4m	Δ = 84
102	COMP			↑		
103	2m014754.0p25	147 54	25 52 25	68	10m	Δ = 79 Q - V. weak emn
104	COMP			↑		
105	2m010027.7p21	1 00 27	27 01 31	68	15m	Δ = 84
106	COMP			↑		
107	2m010827.7p21	1 08 27	21 44 31	68	6m	Δ = 90
108	COMP			↑		
109	2m012923.5p16	1 29 23	16 34 24	68	5m	
110	COMP			↑		
111	2m012417.7p34	1 24 17	34 33 09	68	4m	
112	COMP			↑		
113	2m010545.3p26	1 05 45	26 55 46	68	5m	Δ = 84
114	COMP			↑		
115	2m015547.3p34	1 55 47	34 33 14	68	4m	Δ = 84
116	COMP			↑		
117	2m010739.1p22	1 07 39	22 27 54	68	4m	Δ = 90

Fito Hα

60 inch Telescope Log

Observer: Rines

PI: Huchra, Koranyi, Kirshner

Spectrograph: FAST

Grating: 300 l

Date: 11/26/98

Page: 6736

Number	Object	R.A.	Dec.	L/R	Exp	Comments
118	COMP			↑		
119	2m014537.5p31	1 45 37	31 19 56	68	4m	
120	COMP			↑		
121	2m012100.1p3542	1 21 00	35 42 08	68	5m	
122	COMP			↑		
123	2m014131.3p30	1 41 31	30 31 50	68	4m	
124	COMP			↑		
125	SN1998es	1 37 21	5 52 50	2	15m	tilt = 595.0, Δ = -3 to +3
126	COMP			↑		bin by 2
127	Feige 25	2 36	5 15	2	2m	Δ = -20
128	COMP			↑		
129	2m011146.1p54	1 11 46	14 58 39	68	4m	tilt = 610.0, Δ = 90
130	COMP			↑		
131	2m012222.7p35	1 22 22	35 55 02	68	3m	
132	COMP			↑		
133	2m013530.0p34	1 35 30	34 17 13	68	8m	
134	COMP			↑		
135	2m013342.8p28	1 33 42	28 10 37	68	5m	Δ = 84
136	COMP			↑		
137	awm7_3.103	2 52 55	43 08	35	8m	Δ = 90
138	COMP			↑		
139	awm7_3.104	2 54 56	42 53	35	8m	
140	COMP			↑		
141	awm7_3.105	2 47 49	41 12	35	12m	8m
142	COMP			↑		
143	awm7_3.106	2 46 00	42 51	35	15m	
144	COMP			↑		
145	awm7_3.107	2 46 18	40 51	35	12m	
146	COMP			↑		
147	awm7_3.108	2 49 55	40 28	35	12m	

60 inch Telescope Log

Observer: Rines

PI: Kozanyi, Garcia, Kenyon, Geller

Spectrograph: FAST

Grating: 300l

Date: 11/26/98

Page: 6737

Number	Object	R.A.	Dec.	L/R	Exp	Comments
148	COMP			↑		
149	awm7_3.109	2 53 25	42 39	35	12m	
150	COMP			↑		
151	awm7_3.110	2 46 42	42 38	35	15m	X = 84
152	COMP			↑		
153	awm7_3.111	2 46 48	41 30	35	15m	X = 84
154	COMP			↑		
155	awm7_3.112	2 50 01	40 20	35	15m	X = 90
156	COMP			↑		
157	awm7_3.113	2 51 34	40 06	35	12m	
158	COMP			↑		
159	awm7_3.114	2 59 17	42 54	35	12m	em?
160	COMP			↑		
161	awm7_3.115	3 01 59	40 45	35	15m	em
162	COMP			↑		
163-5	CIComa	4 19	55 59	107	2s, 20s, 90s	
166	COMP			↑		
167	BGGem	6 03	27 41	100	5m	bin by 2
168	COMP			↑		
169	a539.052232p0548	5 22 32	5 40	64	6m	X = 84, bin by 4
170	COMP			↑		
171	052252p0434	5 22 52	4 34	64	8m	X = 90
172	COMP			↑		
173	052313p0550	5 23 13	5 50	64	8m	★ to E
174	COMP			↑		
175	052338p0534	5 23 38	5 34	64	6m	2 faint ★'s to W
176	COMP			↑		
177	052342p0331	5 23 42	3 31	64	6m	
178	COMP			↑		
179	052359p0344	5 23 59	3 44	64	6m	

60 inch Telescope Log

Observer: Rines

PI: Geller, Kurtz, Bastian, Huchra

Spectrograph: FAST

Grating: 300l

Date: 11/26/98

Page: 6738

Number	Object	R.A.	Dec.	L/R	Exp	Comments
180	COMP			↑		
181	052417_p0910	5 24 17	9 10	64	8m	☆ to W underexposed ← marginal
182	COMP			↑		
183	052431_p0820	5 24 31	8 20	64	12m	cirrus everywhere
184	COMP			↑		
185	052448_p0829	5 24 48	8 29	64	12m	
186	COMP			↑		
187	052451_p0733	5 24 51	7 33	64	8m	☆ to E
188	COMP			↑		
189	052452_p0933	5 24 52	8 33	64	6m	
190	COMP			↑		
191	052504_p0546	5 25 04	5 46	64	6m	
192	COMP			↑		
193	052515_p0433	5 25 15	4 33	64	12m	~~Orion~~ Orion difficult to see!
194	COMP			↑		
195	awml_016	9 17 12	20 09	35	6m	
196	COMP			↑		
197	awml_017	9 17 08	19 52	35	6m	underexposed
198	COMP			↑		
199	nogal_060	9 23 27	22 19	73	12m	obj. to E
200	COMP			↑		
201	nogal_069	9 29 47	21 26	73	20m	
202	COMP			↑		
203	07353_p6956	7 35	69 56	68	6m	
204	COMP			↑		
205	07384_p6019	7 38 23	60 19	68	5m	
206	COMP			↑		
207	smanon	7 41 42.3	+64 44 08.3	2	20m	faint! bin by 2
208	COMP			↑		
209	awml_018	9 18 50	20 09	35	6m	bin by 4

193 thrown out - nothing on slit

60 inch Telescope Log

Observer: Rines

PI: Kaaret, Green

Spectrograph: FAST

Grating: 300 1

Date: 11/26/98

Page: 6739

Number	Object	R.A.	Dec.	L/R	Exp	Comments
210	COMP			↑		
211	awm1_019	9 18 16	20 22	35	5m	
212	COMP			↑		BADLY
213-5	1039p145	10 41 53.2	14 16 00.2	106	5m, 5m, 4m	ALL AROUND EXPOSED
216	COMP			↑		215 is garbage
217	Feige 34	10 39	43 06	56	90s	
218	COMP			↑		
219	Feige 34			56	2m	bin by 2
220	COMP			↑		
221-230	BIAS				0s	
231-240	FLAT				12s	
241-250	BIAS				0s	bin by 4
251-260	FLAT				6s	
261-270	DARK				15m	bin by 2

215 thrown out - essentially nothing on slit - garbage