

60 inch Telescope Log

Observer: P. BerndtPI: Hucha/GellerSpectrograph: FASTGrating: 3000, 3" slit, 6mbx4Page: 3715Date: 5/21/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
10	BIAS			0	0s	
11-20	FLAT			0	7s	some thin cloud
21	COMP			0	10s	clouds to w terrible
22-26	eyesky	zenith		0	5s	the evening skys useless
27-29	AGK2043928	09:49:20	+43:4207	0	10s	bright sky
30	COMP			↑	10s	
31-33	N3115	10:02:44.9	-07:28:30	0	3m	" nucleus
34	COMP			↑		
35	N4486B	12:28:00	+245:59	0	5m	
36	COMP			↑		
37	Feige 34	10:26:41.1	+43:21:50	0	90s	
38	COMP			↑		
39	Mark 421	11:01:40.6	+38:28:43	6	2m	for Trevor Weekes
40	COMP			↑		
41	083200022	08:34:31.8	+00:11:35	1	10m	HR
42	COMP			↑		
43	0825200449	08:27:48.5	+01:39:22	1	10m	HR!
44	COMP			↑		
45	316.024929	10:26:49.71	+27:54:18	3	5m	increasing clouds
46	COMP			↑		seeing not so hot either
47, 49	316.026875	10:18:15	+28:01:05.1	3	10m	x2 (I really lookin' spectra)
48, 50	COMP			↑		
51	316.027026	10:25:18.83	+28:03:18.7	3	5m	HR
52	COMP			↑		
53	316.028624	10:28:01.97	+28:05:13.6	3	5m	
54	COMP			↑		
55	316.029161	10:40:38.83	+28:15:39	3	5m	
56	COMP			↑		
57	316.032622	10:42:54.16	+28:25:57.7	3	5m	
58	COMP			↑		

N.O. order for this evening

60 inch Telescope Log

Observer: P. BerlindPI: Geller/HuchraSpectrograph: FASTGrating: 300LDate: 5/21/95Page: 3716

Number	Object	R.A.	Dec.	L/R	Exp	Comments
59, 61	316.052745	10:32:10.92	+28:28:57.2	3	7m	+2 thin clouds
60, 62	COMP			↑		↳ H α @ pix 2016!
63	316.056045	10:20:41.12	+28:43:07.2	3	5m	star 2" NW of gal
64	COMP			↑		slightly superposed
65	316.036061	10:38:33.55	+28:47:10.3	3	5m	
66	COMP			↑		
67	316.056268	10:44:56.05	+28:41:50.3	3	7m	
68	COMP			↑		
69	12115p0700	12:14:10.6	+06:44:57	1	5m	H α
70	COMP			↑		
71	12136p0127	12:16:04	+01:11:05	1	5m	clouds
72	COMP			↑		
73, 75	12157p0653	12:19:14.4	+06:36:03	1	5m, 10m	x 2 emission line
74, 76	COMP			↑		@ pix 2033
77	1240m1137	12:40:00	+1:37:10	99	10s	9 th mag star SW of H104
78	324.035001	13:52:45.34	+28:10:38	3	5m	for 45" people
79	COMP			↑		
80	324.035514	14:10:36.05	+28:10:17.4	3	5m	H α
81	COMP			↑		
82	324.035528	13:53:37.53	+28:12:22	3	5m	
83	COMP			↑		
84	324.035911	13:51:06.68	+28:13:10.4	3	5m	spindler; v = 34,000 km/s
85	COMP			↑		
86	324.036034	13:53:06.98	+28:13:41.5	3	4m	
87	COMP			↑		@ 20,286
88	325.107661EW	14:10:26	+32:19:10	3	5m	E+W comps on slit 2" sep
89	COMP			↑		w = 20,134
90	U07993	12:48:12	+52:24:10	1	10m	H α nucleus
91	COMP			↑		
92	U06050	12:53:12	+52:32:10	1	2m	

60 inch Telescope Log		Spectrograph: <u>EAST</u>		Page: <u>3717</u>		
Observer: <u>P. Berlind</u>		Grating: <u>300R</u>		Date: <u>5/21/95</u>		
PI: <u>Huchra/Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
93	N4834	12:54:12	+52:34:40	1	5m	face on spiral; H α in the
94	COMP			↑		arms 4 places where they
95	U08109	12:57:30	+52:37:40	1	4m	H α crossed the slit; not in nucleus
96	COMP			↑		
97	13059p5412	13:05:54	+54:12:40	1	4m	H α
98	COMP			↑		↑ clouds
99	13092p5328	13:09:12	+53:28:40	1	7m	H α
100	COMP			↑		
101	U08347N	13:14:24	+53:12:40	1	4m	9851
102	U08347S	13:14:24	+53:12:40	1	5m	
103	COMP			↑		
104	13177p5220W	13:17:42	+52:20:40	1	5m	strong lines H α del
105	13177p5220C	13:17:42	+52:20:40	1	4m	star on slit to W H α =
106	13177p5220E	13:17:42	+52:20:40	1	4m	MRK251 H α ...
107	COMP			↑		
108	32G.03390S	14:37:02.94	+28:16:25	3	5m	ISR ↓
109	COMP			↑		
110	32G.03652G	14:43:42.24	+29:01:40.2	3	7m	
111	COMP			↑		
112	32G.03744Z	14:44:06.51	+29:06:04.3	3	10m	H α
113	COMP			↑		
114	32G.03908SS	14:39:09.93	+29:12:58.3	3	7m	South Comp
115	32G.03908SN	14:39:10.39	+29:12:49.4	3	5m	North
116	COMP			↑		
117	32G.040574	14:42:39.8	+29:20:46.5	3	5m	H α
118	COMP			↑		
119	32G.04690S	14:39:59.62	+29:53:55.9	3	5m	
120	COMP			↑		
121	32G.048266	14:43:02.02	+30:01:58.8	3	5m	H α
122	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>P. Berline</u>			Grating: <u>300L</u>		Page: <u>3118</u>	
PI: <u>Geller/Huchra/Kaup</u>			Date: <u>5/21/95</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
123	326.048598	14:48:51.53	+30:24:57	3	4m	H ₂
124	COMP			↑		Moon is creeping around
125	326.050125	14:51:08.15	+30:12.54	3	7m	V ≈ 38KT
126	COMP			↑		clearing
127	326.050396	14:56:14.34	+30:13.46	3	5m	
128	COMP			↑		
129	326.051523	14:50:12.55	+30:20.75	3	4m	
130	COMP			↑		
131	326.051886	14:37:11.05	+30:15.79	3	4m	
132	COMP			↑		
133	16567 p0127	16:59:15.7	+01:22.47	1	7m	H ₂ + a couple of objects on the slit
134	COMP			↑		↳ straggler object
135	326.052311	14:51:52.85	+30:24.45	3	5m	
136	COMP			↑		
137	326.053573	14:51:00	+30:31:17.4	3	4m	
138	COMP			↑		
139	326.053987	14:47:20.6	+30:32.59	3	3m	
140	COMP			↑		
141	326.054767	14:50:44.06	+30:37.253	3	5m	
142	COMP			↑		
143	RXJ18240639D	18:24:21.7	+63:49.57	9	2m	
144	COMP			↑		
145	RXJ181903307B	18:19:50.3	+37:07.3.7	9	2m	clear ↓
146	RXJ181903307A	"	"	9	1m	
147	RXJ181903307C	"	"	9	2m	
148	RXJ181903307D	"	"	9	7m	star on slit & E
149	COMP			↑		
150,151	TC+B	15:57:24	+26:03:36	12	30, 60	5" slit ↓
152	COMP			↑	85	
153,154	AG Dra	16:01:23	+66:56:	12	30, 20	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3719</u>	
Observer: <u>P. Berlind</u>			Grating: <u>300</u>			
PI: <u>Kempton</u>			Date: <u>5/21/95</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
155	COMP				7s	5" slit, clear
156, 157	RSOph			12	10s, 30s	Photometric ↓
158	COMP			↑	↑	
159, 160, 161	AS289	18:07:34	-11:40:55	12	30s, 10s	2m
162	COMP			↑		
163, 164	AS296	18:12:33	-02:19:53	12	10s, 3m	
165	COMP			↑		
166, 167	AP1m9	18:07:19.5	-28:06:20	12	1m, 5m	
168	COMP			↑		
169, 170	AS281	18:07:34.2	-27:58:31	12	1m, 10m	
171	COMP			↑		
172, 173	WHer	18:12:26	+10:58:12	12	2s, 5m	
174	COMP			↑		
175, 176	V443Her	18:20:02.8	+23:25:48	12	3s, 2m	
177	COMP			↑		
178-182	HD 192281	20:10:46.8	-14:07:04	12	1s, 2s	
183	COMP			↑		
184-188	BSOp 284211	21:48:57.1	+58:37:48	12	45s, 30s	
189	COMP			↑		sky getting bright
190-191	V1057	20:57:03	+44:03:46	12	3m	
192	COMP			↑		
193	V1515	21:45:27	+11:18:08	12	5m	bright sky - too bright
194	COMP			↑		garbage
195-201	FLAT				4s	w/ 5" slit ↑
205-214	BIAS				0s	
215-224	FLAT				7s	3" slit
225-229	DARK				15m	↳ these FLATS look different than those at the beginning of the night no clouds at dawn!