

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>3874</u>
Observer: <u>PB</u>				Grating: <u>3002, 3" slit baby</u>		
PI: <u>Wilkes, Kenyon &amp; Huchra</u>				Date: <u>7/27/95</u>		
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	clearing; a few
11-20	FLAT			0	6s	clouds around
21-25	SKY	zenith		0		
26	COMP			↑	10s	
27	COMP			-	-	new fastvue = 1040
28-32	HD136711	15:49:27	+48:37:03	0	5s	
33	COMP			↑		
34-38	SAO 084785	17:04:06	+21:55:05	0	8s	
39	COMP			↑		
40,41	H244	13:21:19.1	+76:23:38	0	1m	
42	COMP			↑		
43	N5548	14:15	+25:22	6	2m	
44	COMP			↑		clear skies
45	TKCVA	12:42	+37:02	12	1m	
46	COMP			↑		
47,48	TCrB	15:57:24	+26:05:26	12	5s, 20s	
49	COMP			↑		
50-52	RW Hya	13:31:32	-25:07:29	12	1s, 5s, 30s	
53	COMP			↑		
54	14165p4446	14:18:27	+44:31:16	1	4m	H+
55	COMP			↑		
56	14173p4500	14:19:17	+44:49:30	1	4m	H+ on slit to E+W H+
57	COMP			↑		
58	14158p4446	14:16:40	+44:53	1	5m	H+
59	COMP			↑		
60	13320p0089	13:32:14	+60:25:20	1	3m	weak
61	COMP			↑		
62	13326p5644	13:34:25	+56:30:24	1	3m	
63	COMP			↑		
64	13335p5640	13:35:18.9	+56:26:26	1	4m	

## 60 Inch Telescope Log

Observer: POPI: Kirshner & GellerSpectrograph: FASTGrating: 300Date: 7/27/95Page: 3875

Number	Object	R.A.	Dec.	L/R	Exp	Comments
65	COMP			↑		
66,68	SN1995N	14:49:28	-10:10:54	2	30m	x2
67,69	COMP			↑		
70,71	BDP332642	15:50:03	+33:05:49	2	60s	x2 also for Scott K 92
72	COMP			↑		has comp to NW ⦿
73	328.083922	15:41:16.78	+30:10:58.2	3	5m	from Scott's list of
74	COMP			↑		backup stars
75	328.085763	15:36:06.47	+30:11:19.3	3	4m	
76	COMP			↑		
77	328.086022	15:29:49	+30:09:60	3	5m	huge cosmic ray
78	COMP			↑		
79	328.084290	15:30:09	+30:11:15	3	5m	
80	COMP			↑		
81	328.084175	15:52:18	+30:11:57	3	4m	
82	COMP			↑		
83	328.084955	15:52:11	+30:12:41	3	7m	weak
84	COMP			↑		
85	328.084563	15:51:25	+30:13:20	3	5m	Ha
86	COMP			↑		
87	328.085749	15:52:2	+30:13:26	3	5m	
88	COMP			↑		
89	328.086011	15:46:30.4	+30:18:44.2	3	5m	
90	COMP			↑		
91	328.086711	15:46:41.3	+30:21:32	3	4m	
92	COMP			↑		
93	328.087140	15:28:32.2	+30:21:16	3	7m	
94	COMP			↑		
95	328.087755	15:33:57	+30:23:11	3	5m	
96	COMP			↑		
97	328.087863	15:50:24.21	+30:23:49	3	4m	

5448 6037  
115 1635250 5200  
5800

## 60 inch Telescope Log

Observer: RBPI: Geller/HuchraSpectrograph: FASTGrating: 300LPage: 3876Date: 7/27/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
98	COMP			↑		Wind picking up
99	328.089187	15:50:265	+30:28:453	3	5m	
100	COMP			↑		
101	328.095751	15:49:5157	+30:41:49	3	7m	weak H $\alpha$
102	COMP			↑		
103	17227 p6849	17:26:26	+68:41:17	1	5m	H $\alpha$
104	COMP			↑		
105	17259 p6211	17:26:14	+62:08:57	1	3m	
106	COMP			↑		
107	N6381	17:27:15	+60:01:36	1	5m	aprons face-on spiral H $\alpha$
108	COMP			↑		
109	I1260	17:26:42	+58:32:00	1	3m	
110	I1258	17:26:31	+58:31:32	1	2m	* on slit top ~3° ←
111	I1259 EW	17:26	+58:31	1	3m	E+W Comps
112	COMP			↑		
113	17269 p7318	17:25:47	+73:15	1	4m	H $\alpha$
114	COMP			↑		
115	17278 p6059	17:27:18	+60:56	1	10m	LSB H $\alpha$
116	COMP			↑		
117	17287 p1015	17:28:12	+70:45:20	1	4m	
118	COMP			↑		
119	17316 p5555	17:31:36	+54:55:00	1	4m	
120	COMP			↑		
121	N6414	17:32:00	+74:25:00	1	3m	
122	COMP			↑		
123	18114 p7455	18:11:24	+74:55:00	1	5m	H $\alpha$
124	COMP			↑		
125	N6601	18:11:18	+61:26:00	1	4m	
126	COMP			↑		
127	18122 p5710	18:12:12	+57:10:00	1	1m	this is a superposed *

## 60 inch Telescope Log

Observer: PBSpectrograph: FASTGrating: 3002Page: 3877PI: HuchraDate: 7/27/85

Number	Object	R.A.	Dec.	L/R	Exp	Comments
128	18122p5710	"	"		5m	this is the galaxy
129	COMP			↑		
130	A1812p6953	18:12:36	+69:54:30		7m	
131	COMP			↑		
132	18128p7050	18:12:09	+70:50:51		4m	
133	COMP			↑		
134	18130p6330	18:13:19	+69:30:57		4m	star on slit to E
135	COMP			↑		
136	18158p6723	18:15:48	+67:25:00		3m	
137	COMP			↑		
138	18189p6819	18:18:46	+68:19:33		8m	star on slit to E H <sub>α</sub>
139	COMP			↑		
140	18197p6310 E	18:20:01	+63:41:26		4m	East strong H <sub>α</sub>
141	18197p6310 W	"	"		2m	West
142	COMP			↑		
143	18227p6043	18:22:46	+60:43:40		7m	H <sub>α</sub>
144	COMP			↑		
145	18248p6028	18:24:48	+60:28:00		4m	
146	COMP			↑		
147	19089p7300	19:07:58	+73:04:54		4m	H <sub>α</sub>
148	COMP			↑		
149	19126p7017	19:12:36	+70:17:00		10m	H <sub>α</sub>
150	COMP			↑		
151	19132p6332	19:13:12	+63:32:00		5m	H <sub>α</sub>
152	COMP			↑		
153	19150p7026	19:15:00	+70:06:00		7m	H <sub>α</sub>
154	COMP			↑		
155	19213p6310	19:21:18	+63:10:00		4m	* on slit to W H <sub>α</sub>
156	COMP			↑		
157	19270p1513N	19:27:19	+65:19:11		5m	north comp H <sub>α</sub>

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3578</u>	
Observer: <u>PB</u>			Grating: <u>300L</u>			
PI: <u>Huchra/Wilkens/Geller</u>			Date: <u>7/27/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
158	19270p65735	19:27:19	+65:19:11	1	5m	H <sub>α</sub>
159	COMP			↑		
160	19298p7201	19:29:48	+72:01:00	1	7m	H <sub>α</sub>
161	COMP			↑		
162	19332p7221	19:32:32	+72:27:35	1	3m	H <sub>α</sub>
163	COMP			↑		
164	19370p7026	19:37:00	+70:26:00	1	10m	H <sub>α</sub>
165	COMP			↑		
166/167	Cyg0029	20:31:23	+41:04:50	6	30s	x
168	COMP			↑		
169/170	WdF176	20:32:12.9	+24:53:32	6	1m	
171	COMP			↑		
172	MRK 509	20:41:26	+10:51:18	6	2m	
173	COMP			↑		Finally; great seeing
174	S20.090633	22:22:53.9	+13:28:57	3	5m	
175	COMP			↑		
176	S20.09099	22:26:11.43	+13:28:10	3	6m	finishes the plate!
177	COMP			↑		
178	01163p0405	01:16:18	+04:05:10	21	4m	Rich Groups
179	01165p0404	01:16:28	+04:03:49	21	4m	H <sub>α</sub> - strong!
180	COMP			↑		
181	01184p0419	01:18:24	+04:19:10	21	4m	* on slit to E
182	COMP			↑		
183/184	163m217	00:40:33	+41:11:20	0	5m	
185	COMP			↑		
186/187	158m213	00:40:30	+40:50:55	0	4m	
188	COMP			↑		
189/190	225m280	00:41:45.1	+41:06:12	0	3m	
191	COMP			↑		
192-196	M32	00:39:36	+40:55:30	0	30s	

