

60 inch Telescope Log  
 Observer: Pberlind  
 PI: Wilkes & Kenyon  
 Spectrograph: EAST  
 Grating: 300L, 3" slit, binby 4  
 Date: 4/17/96  
 Page: 4550

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	binby 4 ↓
11-20	FLAT			0	6s	
21-30	BIAS			2	0s	binby 2 ↓
31-40	FLAT			2	12s	
41-45	sky			0	2s	706.70 binby 4 ↓
46	COMP			↑	5s	
47-49	HDS2005	07:00	+16:00	0	2s	
50	COMP			↑		
51-53	HDS2938	07:02	-06:27	0	2s	
54	COMP			↑		
55-58	HDS3244	07:07	-15:57	0	2s	
59	COMP			↑		
60-62	HDS3138	07:03	-23:50	0	0.5s	
63	COMP			↑		
64-66	HDS7061	07:16	-24:57	0	1s	
67	COMP			↑		clear skies
68-72	PK2241708	09:52	+43:28	0	5s	poor seeing
73	COMP			↑		
74	NH51	12:06	+39:41	6	35s	
75	COMP			↑		
76	NH51	12:00	+44:48	6	2m	
77	COMP			↑		
78	MRKY21	11:01	+38:28	6	4m	
79	COMP			↑		
80-81	Fer303Y	10:2	+43:21	0	90s	
82	COMP			↑		
83-84	H11mer600	06:42	+02:11	0	60s	
85	COMP			↑		
86	HDS285	06:29	+10:47	30	15m	
87	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>PB</u>		Grating: <u>300L</u>			Page: <u>4551</u>	
PI: <u>Huchra &amp; Geller</u>		Date: <u>4/17/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
88	08042p5539	08:04	+55:39	1	10m	Weak em; wrong project # in header
89	COMP			↑		
90	08106p5823	08:14	+58:13	1	5m	
91	COMP			↑		Faint em lines in file 94 (?)
92,94	08283p5601	08:32	+55:50	1	2m, 12m	bright sup * →
93,95	COMP			↑		Faint halo em
96	08062p0146	08:06	+01:37	1	7m	em
97	COMP			↑		
98	08115m0008	08:11	-00:08	1	3m	a star; no fuzz
99	COMP			↑		
100	08123p0003	08:12	+00:03	1	5m	humidity ↑
101	COMP			↑		
102	08210p0000N	08:21	+00:00	1	5m	North em
103	08210p0000S	08:21	+00:00	1	5m	South
104	COMP			↑		
105	08296p0245EW	08:29	+02:45	1	6m	bin by 2 ↓; EW pair
106	COMP			↑	8s	
107	U04467	08:30	+00:24	1	4m	bin by 4 ↓ emf
108	COMP			↑		
109	08230p0022	08:32	+00:22	1	8m	em; pec
110	COMP			↑		clouds? - no
111	323.007900	13:23	+26:32	3	10m	wide (spatial) Ha <del>(f)</del>
112	COMP			↑		
113	323.008910	13:21	+26:38	3	6m	
114	COMP			↑		
115	323.010051	13:28	+26:45	3	4m	
116	COMP			↑		
117	323.010417	13:24	+26:46	3	5m	
118	COMP			↑		
119	323.011149	13:24	+26:50	3	6m	

92 & 94 tried to extract "fuzz" - NOT much luck - extracted 94 E & W (above & below star); nothing from 92

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>455Z</u>	
Observer: <u>PB</u>				Grating: <u>300L</u>			
PI: <u>Geller &amp; Kirshner</u>				Date: <u>4/17/86</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
120	COMP			↑			
121	323.011194	13:26	+26:50	3	10m	H <sub>α</sub>	
122	COMP			↑			
123	323.012605	13:27	+26:57	3	4m		
124	COMP			↑			
125	323.013017	13:27	+27:00	3	4m		
126	COMP			↑			
127	323.014099	13:30	+27:05	3	5m		
128	COMP			↑			
129	323.015117	13:44	+27:08	3	7m		
130	COMP			↑			
131	323.015463	13:22	+27:10	3	7m		
132	COMP			↑			
133	323.016424	13:34	+27:16	3	6m	em	
134	COMP			↑			
135	323.018173	13:29	+27:21	3	4m		
136	COMP			↑			
137	323.019815	13:25	+27:32	3	8m	em	
138	COMP			↑			
139	323.021189	13:39	+27:39	3	4m		
140	COMP			↑			
141	323.021028	13:22	+27:43	3	3m		
142	COMP			↑			
143	323.022122	13:19	+27:42	3	6m	em	
144	COMP			↑			
145	SN196X	13:18	+26:50	2	10m	bin by 2	
146	COMP			↑	8s	worse seeing down here!	
147	H214	13:21	+26:23	0	90s		
148	COMP			↑			
149	323.022635	13:38	+27:46	3	4m	em +	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4553</u>	
Observer: <u>PB</u>		Grating: <u>300L</u>		Date: <u>4/17/86</u>			
PI: <u>Geller</u>							
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
150	COMP			↑			
151	323.023779	13:35	+27:51	3	4m		
152	COMP			↑			
153	323.023787	13:35	+27:52	3	5m		
154	COMP			↑			
155	323.023805	13:25	+27:51	3	3m	pec. Super strong H $\beta$	
156	COMP			↑		Palmer abs...	
157	21HJ	16:15	+29:48	3	13m	em	
158	COMP			↑			
159	21HU	16:16	+29:56	3	15m		
160	COMP			↑			
161	323.024494	13:39	+27:54	3	5m		
162	COMP			↑			
163	323.024625	13:19	+27:53	3	10m	em	
164	COMP			↑			
165	323.025522	13:37	+27:59	3	7m	em	
166	COMP			↑			
167	323.029417	13:27	+28:15	3	7m	em	
168	COMP			↑			
169	323.030408	13:32	+28:16	3	5m	fast foc = 940	
170	COMP			↑			
171	323.037532	13:28	+28:41	3	4m		
172	COMP			↑			
173	323.039070	13:37	+28:48	3	15m	em L5B	
174	COMP			↑			
175	323.051846	13:42	+29:45	3	4m		
176	COMP			↑			
177	323.051850	13:41	+29:46	3	4m		
178	COMP			↑			
179	323.052089	13:29	+29:49	3	6m		

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4554</u>		
Observer: <u>PB</u>		Grating: <u>5002</u>		Date: <u>4/17/86</u>		
PI: <u>Geller</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
180	COMP			↑		
181	323.052361	13:42	+29:49	3	3m	Seeing worse again
182	COMP			↑		
183	323.052758	13:42	+29:51	3	15m	SD
184	COMP			↑		
185	323.052926	13:42	+29:52	3	3m	NE
186	COMP			↑		
187	323.053083	13:25	+29:54	3	5m	
188	COMP			↑		
189	323.053128	13:49	+29:52	3	5m	em
190	COMP			↑		
191	323.053816	13:42	+29:56	3	4m	
192	COMP			↑		
193	323.054257	13:31	+30:00	3	4m	-
194	COMP			↑		
195	323.054551	13:30	+30:01	3	8m	Ha - wide velocity spread
196	COMP			↑		E+W
197	324.109808	13:46	+31:09	3	5m	
198	COMP			↑		
199	324.038253	13:50	+28:19	3	6m	lamp to E
200	COMP			↑		
201	324.001584	14:09	+26:18	3	5m	
202	COMP			↑		
203	325.046012	14:22	+28:48	3	5m	
204	COMP			↑		
205	325.046126	14:22	+28:48	3	5m	
206	COMP			↑		
207	325.049802	14:23	+28:59	3	6m	
208	COMP			↑		
209	325.050889	14:27	+29:03	3	7m	em

3:30 05:01

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>4555</u>	
Observer: <u>PB</u>			Grating: <u>300R</u>			
PI: <u>Geller &amp; Wilkes &amp; Kenyon</u>			Date: <u>4/17/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
210	COMP			↑		
211	326.049907	14:42	+30:10	3	7m	
212	COMP			↑		
213	326.650060	14:54	+30:17	3	7m	em; dust knee; pec!
214	COMP			↑		
215	327.0736004	15:03	+31:08	3	6m	
216	COMP			↑		
217	N 5948	14:15	+25:22	6	2m	
218	COMP			↑		
219	MAK 279	13:51	+69:33	6	90s	
220	COMP			↑		
221-222	BD552642	15:50	+33:05	0	1m	
223	COMP			↑		
224-225	TCrB	15:59	+25:55	12	5s, 20s	
226	COMP			↑		
227-229	AGD <sub>2</sub>	16:01	+66:48	12	1s, 15s	
230	COMP			↑		
231-233	CICyg	19:50	+75:41	12	2, 20, 60	
234	COMP			↑		
235-239	V1016Cyg	19:57	+91:49	12	1m, 1s	
240	COMP			↑		
241-244	Puckal	20:21	+21:34	12	1m, 7s	
245	COMP			↑		
246-247	V1529Cyg	20:54	+38:34	12	1m, 7s	
248	COMP			↑		
251-255	HD19251	20:10	+40:07	0	5s	
256	COMP			↑		
257-259	HD 190603	20:04	+32:17	0	2s	
260	COMP			↑		
261-264	HD 90788	20:05	+25:36	0	2s	
265	COMP			↑		
266-275	BIAS			0	0	
276-285	FLAT			0	6s	