

60 inch Telescope Log

Observer: P BerlinelPI: GellerSpectrograph: FASTGrating: 3000, 3" slit, binlog 4Page: 4343Date: 1/25/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-4	DARK			0	15m	clear skies
5-14	BIAS			0	0s	overhead; some
15-24	FLAT			0	6s	cloud to West
25-29	sky			0	2s	6:05
30	COMP			↑	5s	3" slit ↓
31-35	HD217060	22:54	+62:27	0	5s	
36	COMP			↑		
37-41	HD2623	02:02	+62:56	0	5s	
42	COMP			↑		
43-47	HD17578	02:45	+56:52	0	4s	
48	COMP			↑		
49-51	M32	00:39	+40:35	0	30s	
52	COMP			↑		
53-55	M31	00:40	+40:59	0	30s	
56	COMP			↑		
57-58	M31 sky	00:40	+40:59	0	30s	to West
59	COMP			↑		
60-61	163m217	00:40	+41:11	0	4m	
62	COMP			↑		
63	MRK335	00:03	+19:55	6	90s	
64	COMP			↑		
65	471.052836	02:50:11	+11:55:54	3	10m	
66	COMP			↑		
67	471.053375	02:53	+11:55	3	10m	
68	COMP			↑		
69	471.052854	02:51	+11:53	3	10m	
70	COMP			↑		
71	471.052810	02:44	+11:52	3	10m	
72	COMP			↑		
73	471.052877	02:53	+11:52	3	15m	clouds!

revised 8.65  
Jan 1.16

## 60 inch Telescope Log

Observer: PBPI: GellerSpectrograph: FASTGrating: 300Page: 4344Date: 1/25/96

Number	Object	R.A.	Dec.	I/R	Exp	Comments
74	COMP			↑		Seeing ~2"
75	471.050115	02:46	+11:46	3	12m	
76	COMP			↑		
77	471.050528	02:46	+11:47	3	9m	
78	COMP			↑		
79	471.049547	02:52	+11:48	3	10m	H <sub>α</sub>
80	COMP			↑		
81	471.049327	02:53	+11:47	3	10m	H <sub>α</sub>
82	COMP			↑		
83	471.0495083	03:00	+11:41	3	10m	
84	COMP			↑		
85	471.045792	02:48	+11:36	3	12m	* on slit
86	COMP			↑		
87	471.045212	02:50	+11:35	3	9m	H <sub>α</sub>
88	COMP			↑		
89	471.044398	02:58	+11:33	3	6m	
90	COMP			↑		
91	471.044043	02:45	+11:32	3	9m	
92	COMP			↑		
93	471.043665	03:02	+11:30	3	5m	
94	COMP			↑		
95	471.040717	03:00	+11:24	3	10m	H <sub>α</sub> ● bright star next by!
96	COMP			↑		
97	471.037401	03:04	+11:16	3	10m	H <sub>α</sub>
98	COMP			↑		
99	471.034983	02:49	+11:11	3	5m	star + faint galaxy *
100	COMP			↑		
101	471.034021	03:04	+11:07	3	15m	H <sub>α</sub>
102	COMP			↑		
103	471.033498	02:54	+11:07	3	10m	

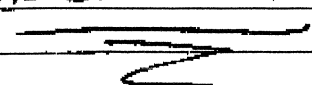
→ cannot separate

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>PB</u>			Grating: <u>300</u>		Page: <u>4345</u>	
PI: <u>Huchra/Geller</u>			Date: <u>1/25/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
104	COMP			↑		Jump that plane
105	07548p411a	07:54	+44:10	1	10m	H <sub>α</sub>
106	COMP			↑		Poor seeing
107	07548p411b	07:54	+44:11	1	4m	-very energetic cosmic ray
108	COMP			↑		
109	07555p3300	07:55	+32:59	1	3m	
110	COMP			↑		
111	07562p2257	07:56	+22:57	1	5m	
112	COMP			↑		
113	07568p2656	07:56	+26:55	1	7m	
114	COMP			↑		
115	07572p3048	07:57	+30:48	1	7m	H <sub>α</sub>
116	COMP			↑		
117	07576p2857	07:57	+28:56	1	5m	Poor seeing still
118	COMP			↑		
119	07578p2102	07:57	+23:02	1	15m	H <sub>α</sub>
120	COMP			↑		moonset
121	07580p2656	07:58	+26:56	1	6m	no clouds
122	COMP			↑		
123	07582p2721	07:59	+27:21	1	6m	
124	COMP			↑		
125	317.031227	10:46	+28:28	3	6m	H <sub>α</sub>
126	COMP			↑		
127	317.032060	10:53	+28:34	3	15m	H <sub>α</sub>
128	COMP			↑		
129	317.032227	10:46	+28:28	3	8m	H <sub>α</sub>
130	COMP			↑		
131	317.031595	11:03	+28:30	3	5m	nice
132	COMP			↑		
133	317.032055	11:08	+28:31	3	3m	

60 inch Telescope Log		Spectrograph: <u>FAST</u>					
Observer: <u>PB</u>		Grating: <u>3002</u>		Page: <u>4346</u>			
PI: <u>Geler</u>		Date: <u>1/25/95</u>					
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
134	COMP			↑			
135	317.032788	11:12	+28:34	3	10m	Seeing 2.5-3"	
136	COMP			↑			
137	317.034419	11:11	+28:42	3	4m	whuh	
138	COMP			↑			
139	317.062549	11:09	+31:13	3	3m		
140	COMP			↑			
141	317.062963	11:07	+31:16	3	7m		
142	COMP			↑			
143	317.064057	11:02	+31:23	3	10m		
144	COMP			↑			
145	317.064168	11:05	+31:23	3	6m		
146	COMP			↑			
147	317.064480	11:12	+31:22	3	10m		
148	COMP			↑			
149	317.065161	11:12	+31:26	3	7m		
150	COMP			↑			
151	317.065710	11:12	+31:29	3	8m	NOT LONG ENOUGH	
152	COMP			↑			
153, 159	317.066081	11:09	+31:32	3	6m, 12m	x2	
154, 160	COMP			↑			
155	317.066367	10:51	+31:36	3	7m	Hd	
156	COMP			↑			
157	317.066757	10:43	+31:36	3	5m		
158	COMP			↑			
161	317.066663	11:06	+31:36	3	6m		
162				↑			
163	317.066785	11:11	+31:35	3	10m	Hd	
164	COMP			↑			
165	317.069325	11:03	+31:51	3	6m		

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60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>4317</u>	
Observer: <u>PB</u>			Grating: <u>3002</u>			
PI: <u>Geller</u>			Date: <u>1/25/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
166	COMP			↑		
167	317.070886	11:02	+32:59	3	8m	H <sub>α</sub>
168	COMP			↑		
169	317.071502N	11:08	+32:01	3	8m	N
170	COMP			↑		
171	319.071502S	11:08	+32:00	3	8m	S
172	COMP			↑		
173	317.07279S	11:01	+32:08	3	7m	
174	COMP			↑		
175	317.073163	10:59	+32:11	3	8m	
176	COMP			↑		
177	317.07342W	10:50	+32:11	3	10m	NW Camp H <sub>α</sub>
178	COMP			↑		
179	317.07342E	10:50	+32:11	3	8m	SE Camp
180	COMP			↑		
181	317.073763	10:50	+32:11	3	7m	finishes the plate!
182	COMP			↑		
183	320.019011	12:25	+27:24	3	10m	H <sub>α</sub>
184	COMP			↑		
185	320.020303	12:12	+27:30	3	6m	
186	COMP			↑		
187	320.020651	12:10	+27:31	3	7m	
188	COMP			↑		
189	320.023217	12:20	+27:40	3	7m	
190	COMP			↑		
191	320.023767	12:03	+27:40	3	7m	
192	COMP			↑		
193	320.024615	12:10	+27:45	3	8m	
194	COMP			↑		
195	320.024892	12:02	+27:41	3	6m	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4348</u>	
Observer: <u>PB</u>				Grating: <u>2002</u>			
PI: <u>Wilkes</u>				Date: <u>1/25/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
196	COMP			↑			
197	PG1402p261	14:02	+26:06	45	5m	1.5" slit	
198	COMP			↑	8s		
199	PG1440p356	14:40	+35:36	45	4m	clear; seeing = 2.25"	
200	COMP			↑	8s		
201	PG1440p356	14:40	+35:36	45	3m	5" slit ↓	
202	COMP			↑	5s		
203	PG1402p261	14:02	+26:06	45	3m		
204	COMP			↑			
205-206	Feige 98	14:36	+27:42	0	1m		
207	COMP			↑			
208-209	H244	13:21	+76:23	0	1m		
210	COMP			↑			
211	12213p0422	12:23	+04:06	1	10m	3" slit H $\alpha$ em	
212	COMP			↑			
213	13062p0452	13:06	+04:37	1	6m	H $\alpha$	
214	COMP			↑			
215	N5548	14:13	+25:22	6	2m		
216	COMP			↑			
217	MRK279	13:51	+69:33	6	90s		
218	COMP			↑			
219	N7151	12:08	+39:41	6	30s		
220	COMP			↑		no clouds @ dawn	
221-224	47UMA	10:59	+40:25	0	2s		
225	COMP			↑			
226-235	BIAS			0	0.5		
236-245	FLAT			0	6s	3" slit	
246-255	FLAT			45	12s	1.5" slit	
256-265	FLAT			45	3s	5" slit	