

60 inch Telescope Log

Observer: P BerlinSpectrograph: FAST
Grating: 3000, 3" slit, 6m by 4Page: 4370PI: Geller/KenyonDate: 2/10/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	heavy cloud to west
11-20	FLAT			0	6s	
21-25	SKY			0	2s	
26	COMP			↑	5s	
27-29	HD54665	01:24	+36:53	0	10s	
30	COMP			↑		
31-33	HD54675	01:24	+37:27	0	10s	
34	COMP			↑		
35-37	HD4679	01:25	+35:44	0	10s	
38				↑		
39-41	HD4702	01:25	+28:44	0	10s	
42				↑		
43-45	M32	00:39	+40:35	0	30s	
46	COMP			↑		
47-49	M31	00:46	+40:59	0	30s	
50	COMP			↑		
51-53	M31/sky	00:42	+41:16	0	30s	
54	COMP			↑		
55-57	225m280	00:41	+41:05	0	4m	
58	COMP			↑		
58	180	01:47	+37:10	↑	15m	redo
59	COMP			↑		
60	471.055863	02:48	+12:40	3	4m	broad H α ; strongem
61	COMP			↑		
62	471.055411	02:48	+11:59	3	15m	increasing clouds H α
63	COMP			↑		
64	DRTan	04:44	+16:53	30	1m	
65	COMP			↑		
66	DSTANW	04:47	+29:25	30	4m	
67	DSTANSE	04:47	+25:25	30	3m	

9.1
1.2

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>PB</u>		Grating: <u>300R</u>			Page: <u>4571</u>	
PI: <u>Kenyon/beller/Parbija</u>		Date: <u>2/10/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
68	COMP			↑		
6971	UY Aur	04:48	+30:42	30	2m	30s x2
70	COMP			↑		
7274	GM Aur	04:51	+30:17	30	90,30,5m	x3
75	COMP			↑		
76	471.056470	03:03	+12:00	3	10m	still some clouds H α
77	COMP			↑		
78	471.057424	02:43	+12:05	3	10m	weak
79	COMP			↑		clouds...
8082	471.060697	02:52	+12:01	3	15m	20m x2 weak H α
8183	COMP			↑		
84	p06m12m006	04:18	+36:01	43	7m	
85	COMP			↑		
86	p05m12m001	04:43	+31:18	43	1m	star
87	COMP			↑		
88	p05m13m001	05:11	+32:43	43	30s	star W
89	COMP			↑		
90	p05m13m002	05:11	+32:43	43	30s	W star
91	p05m13m003	05:11	+32:43	43	30s	E star
92	COMP			↑		CAT log; charts; list all have
93	p05m14m001	05:37	+31:49	43	30s	star different names
94	COMP			↑		more stars; not observed
95	0505.4p1718	05:05	+17:16	43	6m	broad H α
96	COMP			↑		
97	05165p1739	05:16	+17:39	43	6m	7 broad H α 6676
98	COMP			↑		
99	05193p1802	05:19	+18:02	43	4m	8
100	COMP			↑		
101	0624.4p3533	06:22	+35:32	43	8m	H α
102	COMP			↑		

60 inch Telescope Log

Observer: PLBPI: PantyaSpectrograph: FASTGrating: 300RPage: 4372Date: 2/10/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
103	0638.0 p1525	06:41	+25:22	43	10m	
104	COMP			↑		
105	0648.8 p1526	06:48	+15:26	43	6m	nice galaxy!
106	COMP			↑		
107	0645.9 p1702	06:46	+16:58	43	8m	H α
108	COMP			↑		
109	0649.1 p1621	06:51	+16:47	43	3m	
110	COMP			↑		
111	0649.3 p1935	06:52	+19:37	43	6m	wide lines
112	COMP			↑		
113	0652.2 p2419	06:55	+24:05	43	2m	H α
114	COMP			↑		
115	0655.8 p1843	06:58	+18:38	43	9m	
116	COMP			↑		
117	0700.0 p1836	07:02	+18:31	43	4m	
118	COMP			↑		
119	0702.0 p1854	07:04	+18:49	43	2m	3" Edgel on slit
120	COMP			↑		
121	0703.4 p2052	07:06	+20:47	43	3m	
122	COMP			↑		
123	0704.5 p1835	07:07	+18:30	43	6m	H α
124	COMP			↑		
125/127	0704.6 p1850	07:07	+18:45	43	6m, 10m	x2 v=2000km/s
126/128	COMP			↑		
129	0705.0 p2035	07:07	+20:30	43	5m	
128	COMP			↑		
129	0720.6 p0252	07:23	+02:45	43	3m	
130	COMP			↑		
131	0720.8 p0300	07:23	+02:54	43	3m	
132	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>F15T</u>			
Observer: <u>PB</u>			Grating: <u>302</u>		Page: <u>4573</u>	
PI: <u>Rantasa/Geller</u>			Date: <u>2/10/86</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
133	07208 p0300	07:25	+02:54	43	5m	H _α
134	COMP			↑		
135	07226 p0319	07:25	+03:13	43	12m	
136	COMP			↑		
137	07235 p0205	07:26	+04:58	43	4m	Moon's up
138	COMP			↑		still some clouds
139	07247 p0415	07:26	01:32	43	4m	
140	COMP			↑		thin clouds all over!
141	318.047650	11:20:46	+31:10	3	7m	em++
142	COMP			↑		
143	318.048243	11:19	+31:14	3	6m	
144	COMP			↑		increasing clouds
145	318.048450	11:09	+31:13	3	8m	
146	COMP			↑		
147	318.048682	11:20	+31:16	3	6m	
148	COMP			↑		
149	318.049747	11:12	+31:22	3	15m	
150	COMP			↑		
151	318.050080	11:20	+31:27	3	10m	H _α
152	COMP			↑		
153	318.050787	11:12	+31:29	3	10m	
154	COMP			↑		
155	318.051427	11:10	+31:33	3	6m	
156	COMP			↑		
157	318.052500	11:37	+31:29	3	12m	bright sky
158	COMP			↑		
159	318.052683	11:20	+31:43	3	10m	"
160	COMP			↑		
161	09209 p65415	09:20:54	+15:41	1	8m	
162	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FST</u>		Page: <u>4374</u>		
Observer: <u>PB</u>		Grating: <u>3002</u>				
PI: <u>Hachra/Geller/Witkes</u>		Date: <u>2/10/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
163	10352 p 1506	10:35	+45:06	1	6m	bright moon; lots of clouds
164	COMP			↑		
165	10353 p 5903	10:35	+59:03	1	6m	
166	COMP			↑		
167	318.052686	11:16	+71:43	3	7m	Hd
168	COMP			↑		
169	318.052758	11:21	+71:44	3	8m	
170	COMP			↑		
171	318.055188	11:29	+71:59	3	10m	
172	COMP			↑		
173	10412 p 5201	10:41	+52:43	1	6m	
174	COMP			↑		
175, 176	N4151	12:08	+59:44	6	20s, 1m	x2
177	COMP			↑		
178	N5548	14:15	+25:22	6	4m	
179	COMP			↑		
180	MRK27A	13:51	+61:33	6	3m	
181	COMP			↑		
182-183	Ferze34	10:36	+43:21	0	2m	clouds
184	COMP			↑		stopped by clouds - 3:30
185-186	abled	10:08	+4:59	0	0.5	
189	COMP			↑		
190-192	mu UMa	10:22	+41:31	0	3s	
193	COMP			↑		
194-196	74 UMa	11:19	+58:25	0	3s	
197	COMP			↑		
198-201	VCM	12:44	+45:27	0	3-20s	
202				↑		
203	11146 p 5348	11:17:25	+58:32	1	6m	5:00 sucker hole
204	COMP			↑		

File 200 NO GOOD

60 inch Telescope Log
 Observer: PB
 PI: Huchra
 Spectrograph: FAST
 Grating: 3000
 Date: 2/10/96
 Page: 4375

Number	Object	R.A.	Dec.	L/R	Exp	Comments
205	11147p5157	11:14	+51:33	1	5m	
206	COMP			↑		
209	12233p5159	12:23	+51:59	1	4m	
206	COMP			↑		
209	12245p5221	12:24	+52:21	1	5m	clouded out
210	COMP			↑		
211-220	BIAS			0	0s	
221-230	FLAT			0	6s	