

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	
11-20	FLAT			0	6s	lots of cirrus
21-25	sky	Z		0	2s	
26	COMP			↑	5s	
31-33	SOR:	05:30	-04	0	2-10s	
34	COMP			↑		
35-39	HDS6925	07:18	+13:13	0	10-20s	
40	COMP			↑		
41-43	Hiltner 600	06:12	+02:11	0	1m	RT system crash
44	COMP			↑		
45-46	NGC 1700	04:54	-04:36	0	2m	
47	COMP			↑		
48-51	ADAr	04:52	+30:28	30	3-0.5s	
52	COMP			↑		
53-54	JH108B	04:31	+22:45	30	10, 90s	id? or mis-id
55	COMP			↑		renamed JH108B
56-57	HBC 407	04:31	+18:23	30	1m	
58	COMP			↑		
59, 60	JH108	04:31	+22:45	30	2m, 3m	correct id!
61	COMP			↑		
62-63	AA Tan	04:31	+24:22	30	2m	
64	COMP			↑		
65	HOTan	04:32	+22:26	30	5m, 2m	correct id
66	COMP			↑		
67	LKHa 332/G2	04:39	+25:17	30	4m	West camp of triple
68	LKHa 332/G1	04:39	+25:17	30	4m	Middle camp of triple
69	V955 Tan	04:39	+25:17	30	4m	NE camp of triple
70	COMP			↑		
71, 72	DPTan	04:39	+25:10	30	6m, 1m	
73-	COMP			↑		

Spectrograph: FAST

Grating: 3000, 3"SH; binby4

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Date: 3/27/96

60 inch Telescope Log

Observer: P. Berline

PI: Kenyon

rd wire 8.64
 Jan 1.14

60 inch Telescope Log

Spectrograph: FASTObserver: PBGrating: 300#Page: 4506PI: Brizeno/Kenya/HuchaDate: 3/27/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
74	G0Tan	04:39	+25:14	30	6m	a few cirrus patches
75	COMP			↑		bright moon ↓
76-77	HBC70	04:39	+25:09	38	5m	
78	COMP			↑		
79-80	HBC71	04:39	+25:14	38	5m	
81	COMP			↑		
82-85	RWAur	05:04	+30:20	30	1m/10s	Wow
86	COMP			↑		
87-88	Fape 3Y	10:36	+43:21	0	2m	
89	COMP			↑		
90	11486 p5641E	11:51	+56:35	1	10m	em
91	COMP			↑		
92	11486 p5640W	11:51	+56:35	1	7m	
93	COMP			↑		
94	11472 p6150	11:51	+61:34	1	6m	
95	COMP			↑		
96	11494 p4709	11:52	+46:53	1	7m	clouds...
97	COMP			↑		
98	11531 p453Y	11:55	+49:18	1	9m	em
99	COMP			↑		
100	11543 p6036	11:57	+60:19	1	10m	em
101	COMP			↑		
102	11596 p5639	12:02	+56:23	1	6m	H ₂
103	COMP			↑		
104	510932	12:39	+21:08	39	5m	cool
105	COMP			↑		
106	320.060425	12:04	+30:25	3	8m	
107	COMP			↑		
108	320.060415	12:22	+30:06	3	8m	
109	COMP			↑		

Moon 7:25 +16

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4507</u>		
Observer: <u>PB</u>		Grating: <u>300L</u>				
FI: <u>Geller</u>		Date: <u>3/27/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
110	320.062476	12:26	+30:14	3	8m	em
111	COMP			↑		
112	320.062638	12:02	+30:14	3	10m	em increasing clouds
113	COMP			↑		
114-118	N4448613	12:30	+12:29	0	3m	
119	COMP			↑		48" delay
120-123	N3359	10:45	+12:30	0	3m	
124	COMP			↑		
125	S10932	12:39	+21:08	39	6m	
126	COMP			↑		
127	320.063052	12:01	+30:15	3	7m	
128	COMP			↑		clearing some
129	320.063752	12:19	+30:20	3	7m	
130	COMP			↑		
131	320.065069	12:03	+30:23	3	6m	
132	COMP			↑		
133	320.068210	12:13	+30:38	3	6m	
134	COMP			↑		
135	320.066579	12:28	+30:29	3	7m	em
136	COMP			↑		
137	320.070472	12:04	+30:45	3	7m	
138	COMP			↑		
139	320.070559	12:11	+30:47	3	6m	COMP to W
140	COMP			↑		
141	320.070819	12:11	+30:49	3	5m	
142	COMP			↑		
143	S10932	12:39	+21:08	39	5m	
144	COMP			↑		
145	G060m	12:36	+26:36	39	5m	
146	COMP			↑		

60 inch Telescope Log

Observer: PBPI: Wilkes/GerberSpectrograph: FASTGrating: 300RDate: 7/27/96Page: 4508

Number	Object	R.A.	Dec.	L/R	Exp	Comments
147	N4051	12:00	+44:48	6	2m	
148	COMP			↑		
149	N4151	12:08	+39:41	6	30s	nice
150	COMP			↑		
151,152	Ferge 66	12:34	+25:20	0	1m	
153	COMP			↑		
154	320.07174	12:29	+30:50	3	5m	em pec
155	COMP			↑		
156	320.071748	12:10	+30:52	3	5m	
157	COMP			↑		
158	320.072450	12:22	+30:55	3	5m	* on slit
159	COMP			↑		
160	320.073181	12:23	+30:59	3	5m	em
161	COMP			↑		
162	320.074127	12:27	+31:01	3	5m	SE weak
163	320.074127NW	12:27	+31:01	3	4m	NW of *162
164	COMP			↑		
165	320.074168	12:23	+31:03	3	5m	more clouds
166	COMP			↑		
167	320.074198	12:11	+31:03	3	6m	
168	COMP			↑		V=18,400 km/s
169	320.074127	12:27	+31:01	3	8m	redo from above (*162)
170	COMP			↑		
171	320.074789 N	12:05	+31:04	3	6m	North interconnecting
172	320.074789 S	12:05	+31:04	3	6m	South - em + bridge
173	COMP			↑		
174	320.074880	12:29	+31:04	3	9m	weak em
175	COMP			↑		
176	320.075904	12:06	+31:10	3	6m	
177	COMP			↑		

MRKX1

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4509</u>		
Observer: <u>PB</u>		Grating: <u>3002</u>		Date: <u>3/07/96</u>		
PI: <u>Geller/Huchra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
178	320.078909	12:22	+31:10	3	6m	
179	COMP			↑		
180	320.076279	12:05	+31:11	3	6m	em
181	COMP			↑		
182	320.076272	12:07	+31:11	3	6m	
183	COMP			↑		increasing cloud again
184	320.075014	12:26	+31:05	3	10m	
185	COMP			↑		
186	320.075202	12:22	+31:07	3	10m	em
187	COMP			↑		
188	S10932	12:39	+26:36	39	6m	
189	COMP			↑		
190	N4834	12:56	+52:19	1	4m	
191	COMP			↑		
192	12573p5917	12:59	59:02	1	7m	
193	COMP			↑		
194	12574p6045	12:58	+60:30	1	5m	
195	COMP			↑		
196	13034p6125	13:05	+61:10	1	5m	CD? a halo of other galaxies
197	COMP			↑		
198	1336Sp5647	13:36	+56:33	1	10m	em
199	COMP			↑		
200	13370p5715	13:38	+57:01	1	4m	
201	COMP			↑		
202	13459p5653	13:47	+56:39	1	4m	
203	COMP			↑		
204	1400p4606	14:01	+48:53	1	5m	galaxy w/ * em
205	COMP			↑		
206	MRK279	13:51	+65:33	6	2m	
207	COMP			↑		

60 inch Telescope Log

Observer: PBPI: Kenyon/WilkesSpectrograph: FASTGrating: 300LDate: 3/27/96Page: 4510

Number	Object	R. A.	Dec.	L/R	Exp	Comments
208	N5548	14:25	+25:22	6	2m	Cirrus
209	COMP			↑		
210-211	BDP332642	15:50	+37:23	0	1m	
212	COMP			↑		
213	MRSer	15:52	+18:56	39	3m	
214	COMP			↑		
215-218	AS210	16:51	-26:00	12	2m, 20s	"Comp" to W
219	COMP			↑		
220-221	RTSer	17:39	-15:56	12	30, 3m	
222	COMP			↑		
223-224	M1m21	17:34	-19:09	12	30s, 3m	Faint comp to SE
225	COMP			↑		next time: 2x2m, 2x20s
226	MRKSO1	16:53	+39	6	2m	
227	COMP			↑		
228	SL740.3	18:45	+79:43	6	3m	5min next time
229	COMP			↑		
230-231	CTCyg	19:50	+35:41	12	20s, 60s	
232	COMP			↑		
233-237	H1D197251	20:10	+40:07	0	5s	
238	COMP			↑		
239-248	BSAS			0	0s	
249-258	FLAT			0	6s	
						Cirrus all over
						down

End of FAST run.