

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>6796</u>	
Observer: <u>S. Jha</u>			Grating: <u>300 /mm</u>		Date: <u>12/21/98</u>	
PI: <u>All/Wilkes/Hochra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15 <sup>m</sup>	binby4
11-20	BIAS				0 <sup>s</sup>	↓ thin cirrus
21-30	FLAT				6 <sup>s</sup>	↓
31-40	FLAT				12 <sup>s</sup>	binby2
41-50	BIAS				0 <sup>s</sup>	↓
51-60	FLAT				20 <sup>s</sup>	binby4 1.1" slit
61-65	sky			57	3 <sup>s</sup>	3" slit
66	COMP			↑		
67	Feigello	23 17 23	-05 26 22	56	2 <sup>m</sup>	thus begins the longest night
68	COMP			↑		
69	M32	00 39 58	40 35 30	57	1 <sup>m</sup>	
70	COMP			↑		
71	N7469	23 03 15	08 52 25	6	150 <sup>s</sup>	
72	COMP			↑		
73	MRK335	00 03 45	19 55 27	6	3 <sup>m</sup>	
74	COMP			↑		
75	2M	02 59 40.3	32 48 00	68	15 <sup>m</sup>	
76	COMP			↑		
77	2M	02 27 52.3	18 30 18	68	10 <sup>m</sup>	
78	COMP			↑		
79	2M	02 14 04.4	19 11 29	68	12 <sup>m</sup>	
80	COMP			↑		
81	2M	02 41 10.7	29 35 17	68	10 <sup>m</sup>	faint star to the east
82	COMP			↑		
83	2M	02 25 38.4	21 49 42	68	8 <sup>m</sup>	
84	COMP			↑		
85	2M	02 27 38.1	23 03 35	68	8 <sup>m</sup>	
86	COMP			↑		
87	2M	02 02 34.1	23 38 25	68	6 <sup>m</sup>	
88	COMP			↑		

60 inch Telescope Log

Observer: S. Jha

PI: Huchra/Mahdavi/Garcia/Kernon

Spectrograph: FAST

Grating: 300/mm

Page: 6797

Date: 12/21/98

Number	Object	R.A.	Dec.	I/R	Exp	Comments
89	2M	02 26 44.2	19 23 46	68	10 <sup>m</sup>	
90	COMP			↑		
91	2M	02 56 24.3	35 31 12	68	10 <sup>m</sup>	
92	COMP			↑		
93	2M	02 09 05.2	24 23 01	68	8 <sup>m</sup>	
94	COMP			↑		
95	2M	02 51 09.8	16 05 15	68	6 <sup>m</sup>	
96	COMP			↑		
97	2M	02 18 57.3	16 10 37	68	8 <sup>m</sup>	
98	COMP			↑		
99	2M	02 48 46.6	12 01 14	68	10 <sup>m</sup>	
100	COMP			↑		
101	2M	02 55 01.0	32 35 04	68	8 <sup>m</sup>	
102	COMP			↑		
103	Srgb158.029	02 56 28	09 05 50	59	18 <sup>m</sup>	
104	COMP			↑		
105	Srgb158.030	02 56 40	09 25 18	59	16 <sup>m</sup>	star to the east
106	COMP			↑		
107	Srgb158.031	02 56 45	09 23 05	59	16 <sup>m</sup>	
108	COMP			↑		
109	Srgb158.032	02 56 45	08 51 54	59	20 <sup>s</sup>	
110	COMP			↑		
111	Srgb158.037	02 58 58	09 57 45	59	20 <sup>s</sup>	
112	COMP			↑		
113	CICam	04 19 42	55 59 59	107	2 <sup>s</sup>	
114	"	"	"	107	20 <sup>s</sup>	
115	"	"	"	107	90 <sup>s</sup>	
116	COMP			↑		
117	DGTau	04 27 05	26 06 16	12	10 <sup>s</sup>	
118	"			12	2 <sup>m</sup>	

60 inch Telescope Log

Observer: S. Jha

PI: Kenyon/Huchra

Spectrograph: FAST

Grating: 300 l/mm

Page: 6798

Date: 12/21/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
119	COMP			↑		
120	DLTau	04 33 39	25 20 39	12	20 <sup>s</sup>	
121	"	"	"	12	3 <sup>m</sup>	
122	COMP			↑		
123	DRTau	04 47 05	16 58 37	12	20 <sup>s</sup>	
124	"	"	"	12	3 <sup>m</sup>	
125	COMP			↑		
126	2M	04 04 19.2	33 11 49	68	7 <sup>m</sup>	
127	COMP			↑		
128	2M	04 45 01.4	20 45 38	68	4 <sup>m</sup>	star? <i>yes, star</i>
129	COMP			↑		
130	2M	04 51 02.9	17 50 34	68	12 <sup>m</sup>	
131	COMP			↑		
132	2M	04 42 43.6	18 37 11	68	15 <sup>m</sup>	
133	COMP			↑		
134	2M	04 27 27.8	12 09 24	68	12 <sup>m</sup>	
135	COMP			↑		
136	2M	04 29 22.8	16 34 11	68	15 <sup>m</sup>	
137	COMP			↑		
138	2M	04 55 36.9	18 28 52	68	15 <sup>m</sup>	
139	COMP			↑		
140	2M	04 02 43.8	16 02 59	68	15 <sup>m</sup>	
141	COMP			↑		
142	2M	04 08 27.3	23 20 32	68	12 <sup>m</sup>	
143	COMP			↑		
144	2M	04 43 39.0	18 31 26	68	15 <sup>m</sup>	
145	COMP			↑		
146	2M	04 01 16.6	31 43 55	68	20 <sup>m</sup>	
147	COMP			↑		
148	BGGem	06 03 30	27 41 51	100	5 <sup>m</sup>	binby2

60 inch Telescope Log				Spectrograph: FAST		Page: 6799
Observer: S. Jha				Grating: 300 /mm		
PI: All/Mahdavi/Krishner/Karanyi/Wilby				Date: 12/21/98		
Number	Object	R. A.	Dec.	L/R	Exp	Comments
149	COMP			↑	12 <sup>s</sup>	binby2
150	Hiltner 600	06 42 37	02 11 25	56	75 <sup>s</sup>	↓
151	COMP			↑	12 <sup>s</sup>	
152	nrqs027.080	09 16 53	17 27 24	59	10 <sup>m</sup>	binby4
153	COMP			↑		
154	nrqs027.081	09 16 54	17 04 35	59	8 <sup>m</sup>	
155	COMP			↑		
156	nrqs027.082	09 16 55	17 31 21	59	12 <sup>m</sup>	
157	COMP			↑		
158	nrqs027.084	09 17 08	17 24 32	59	10 <sup>m</sup>	bright star to the west
159	COMP			↑		
160	sn98bu	10 46 88	11 50 33	2	20 <sup>m</sup>	binby2 faint no guide star
161	COMP			↑	12 <sup>s</sup>	
162	sn98bu	"	"	2	20 <sup>m</sup>	↓
163	COMP			↑	12 <sup>s</sup>	
164	mkw2-006	10 29 38	-03 50 46	35	20 <sup>m</sup>	binby4
165	COMP			↑		
166	mkw2 011	10 26 28	-03 40 55	35	15 <sup>m</sup>	
167	COMP			↑		
168	mkw2 012	10 25 40	-03 35 24	35	10 <sup>m</sup>	
169	COMP			↑		
170	mkw2 013	10 28 51	-03 57 17	35	8 <sup>m</sup>	
171	COMP			↑		
172	mkw2 015	10 27 19	-03 11 04	35	10 <sup>m</sup>	
173	COMP			↑		
174	mkw2-016	10 29 56	-03 15 03	35	20 <sup>m</sup>	
175	COMP			↑		
176	MRK 279	13 51 53	69 33 13	6	3 <sup>m</sup>	
177	COMP			↑		
178	N5548	14 15 43	25 22 01	6	3 <sup>m</sup>	

