

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>S. Jha</u>			Grating: <u>300 /mm</u>		Page: <u>6792</u>	
PI: <u>All/Wilkes/Kirshner/Huchra</u>			Date: <u>12/20/98</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15 ^m	binby4 thin cirrus
11-20	BIAS				0 ^s	↓
21-30	FLAT				6 ^s	
31-40	FLAT				12 ^s	binby2
41-50	BIAS				0 ^s	↓
51-60	FLAT				20 ^s	binby4 1.1" slit
61-65	sky			57	2 ^s	3" slit
66	COMP			↑	6 ^s	
67	Feige 110	23 17 23	-05 26 22	56	2 ^m	clouds
68	COMP			↑		
69	M32	00 39 58	40 35 30	57	1 ^m	
70	COMP			↑		
71	sn98es	01 37 19	05 52 50	2	15 ^m	tilt 595 PA -40°
72	COMP			↑		binby4! doh! oh well
73	Feige 110	23 17 23	-05 26 22	56	2 ^m	tilt 595 PA 16.4° clearing
74	COMP			↑		still binby4
75	sn98ey	21 30 00	26 43 24	2	20 ^m	faint clearing up binby2
76	COMP			↑	12 ^s	
77	sn98ey	"	"	2	20 ^m	binby2
78	COMP			↑	12 ^s	
79	Feige 25	02 38 34	05 28 10	56	3 ^m	binby2
80	COMP			↑	12 ^s	
81	2M	02 10 58.8	18 12 44	68	12 ^m	binby4
82	COMP			↑		
83	2M	02 26 45.9	23 11 45	68	20 ^m	faint star to the west
84	COMP			↑		
85	2M	02 23 31.8	25 27 54	68	20 ^m	
86	COMP			↑		
87	2M	02 50 39.9	14 58 52	68	15 ^m	
88	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6793</u>
Observer: <u>S. Jha</u>				Grating: <u>300 l/mm</u>		
PI: <u>Huchra/Mahdavi/Garcia/McClintock/Geller</u>				Date: <u>12/20/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
89	2M	02 50 23.2	14 47 37	68	15 ^m	
90	COMP			↑		
91	2M	02 38 14.3	25 55 23	68	15 ^m	
92	COMP			↑		
93	srab158.025	02 55 54	10 14 22	59	20 ^m	clouds moving through
94	COMP			↑		
95	srab158.022	02 55 50	08 20 23	59	20 ^m	star?
96	COMP			↑		
97	2M	04 37 52.8	16 21 45	68	20 ^m	
98	COMP			↑		
99	2M	04 07 42.8	30 03 42	68	20 ^m	faint
100	COMP			↑		
101	2M	04 00 19.6	31 49 51	68	15 ^m	
102	COMP			↑		
103	2M	04 01 40.7	23 12 23	68	20 ^m	
104	COMP			↑		
105	CI Cam	04 19 42.1	55 59 58	107	2 ^s	
106	"	"	"	107	20 ^s	
107	"	"	"	107	90 ^s	
108	COMP			↑		
109	COMP			↓	8 ^s	1.1" slit
110	A0535p26	05 38 54	26 18 57	104	30 ^s	↓
111	"	"	"	104	30 ^s	
112	COMP			↑	8 ^s	
113	COMP			↓	8 ^s	
114	HD39478	05 53 59	26 25 21	104	10 ^s	
115	"	"	"	104	10 ^s	
116	COMP			↑	8 ^s	
117	α539	05 19 16.7	05 45 23	64	20 ^m	3" slit
118	COMP			↑		

60 Inch Telescope Log

Spectrograph: FAST

Observer: S. Jha

Grating: 300 l/mm

Page: 6794

PI: Geller/Mahdavi/Kirshner/Koranyi et al.

Date: 12/20/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
119	a539	05 18 56	07 02 22	64	20 ^m	faint not enough - redo (?)
120	COMP			↑		
121	nrqs 027.053	09 14 53	17 03 25	59	20 ^m	faint
122	COMP			↑		
123	nrqs 027.057	09 15 17	18 04 41	59	20 ^m	
124	COMP			↑		
125	nrqs 027.069	09 16 07	17 44 01	59	12 ^m	
126	COMP			↑		
127	nrqs 027.070	09 16 16	17 39 33	59	20 ^m	
128	COMP			↑		
129	nrqs 027.075	09 16 34	17 55 05	59	15 ^m	agn!
130	COMP			↑		
131	nrqs 027.079	09 16 52	17 46 55	59	20 ^m	
132	COMP			↑		
133	sn985	11 46 06	47 28 55	2	20 ^m	very faint! binby2
134	COMP			↑		
135	sn985	"	"	2	20 ^m	
136	COMP			↑		
137	sn985	"	"	2	20 ^m	
138	COMP			↑		
139	mkw2_010	10 26 52	-03 42 47	35	20 ^m	binby4
140	COMP			↑		
141	MRK421	11 01 40	38 26 43	6	4 ^m	
142	COMP			↑		
143	N4051	12 00 36	41 48 35	6	2 ^m	
144	COMP			↑		
145	N4151	12 08 01	39 41 01	6	30 ^s	
146	COMP			↑		
147	N4258	12 16 29	47 34 51	6	2 ^m	
148	COMP			↑		

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Observer: <u>S. Jha</u>		Grating: <u>300 1/mm</u>				
PI: <u>Wilkes/All</u>		Date: <u>12/20/98</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
149	MRK 279	13 51 53	69 33 13	6	3 ^m	bright sky
150	COMP			↑		
151-160	FLAT				20 ^s	1.1" slit
161-170	BIAS				0 ^s	3" slit
171-180	FLAT				6 ^s	
181-190	FLAT				12 ^s	
191-200	BIAS				0 ^s	
201-210	DARK				20 ^m	
						binby 2 ↓