

60 inch Telescope Log

Observer: JhaSpectrograph: FASTGrating: 300Page: 8061PI: All/GarnavichDate: 12/11/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			#0		binby4
11-20	FLAT				6 ^s	"
21-30	FLAT				12 ^s	binby2
31-40	BIAS					
41-45	DARK				15 ^m	binby4
46-50	SKY	zenith		#57	2-3 ^s	
51	COMP			↑		
52	Feige 110	23 19 56	-05 10 27	#50	2 ^m	PA = 90° clear
53	COMP			↑		(not parallactic)
54	Feige 110	"	"	#56	4 ^m	binby2
55	COMP			↑		
56	M31	00 42 45	40 59 42	#57	60 ^s	binby4
57	COMP			↑		
58	1998dk	23 14 40	04 36 14	#91	10 ^m	binby2 PA = 100 scan
59	COMP			↑		
60	1998dk	"	"	#91	10 ^m	
61	COMP			↑		
62	1998dk	"	"	#91	10 ^m	
63	COMP			↑		
64	1998dk	00 14 30	-00 44 44	#91	20 ^m	PA = 80
65	COMP			↑		
66	1998dk	"	"	#91	20 ^m	
67	COMP			↑		
68	1998dk	"	"	#91	20 ^m	
69	COMP			↑		
70	1996b1	00 36 18	11 23 43	#91	20 ^m	PA = 80
71	COMP			↑		
72	1996b1	"	"	#91	20 ^m	
73	COMP			↑		
74	1996b1	"	"	#91	20 ^m	

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Observer: Jha

PI: Garnavich/Kirshner/All

Spectrograph: FAST

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
75	COMP			↑		
76	1998de	00 48 03	27 36 41	#91	15 ^m	PA = 90
77	COMP			↑		
78	1998de	"	"	#91	15 ^m	
79	COMP			↑		
80	1998de	"	"	#91	15 ^m	
81	COMP			↑		
82	1998ef	01 03 28	32 13 39	#91	20 ^m	PA = 100 star on slit
83	COMP			↑		
84	1998ef	"	"	#91	20 ^m	
85	COMP			↑		
86	1998ef	"	"	#91	20 ^m	
87	COMP			↑		
88	SN1999em	04 41 30	-02 52 21	#2	10 ^m	PA = -9
89	COMP			↑		
90	Hiltner 600	06 45 15	02 08 18	#56	60 ^s	PA = -41 (parallactic)
91	COMP			↑		
92	1993ac	05 46 16	63 21 10	#91	20 ^m	PA = -30
93	COMP			↑		
94	1993ac	"	"	#91	20 ^m	
95	COMP			↑		
96	1993ac	"	"	#91	20 ^m	
97	COMP			↑		
98	1996bv	06 16 26	57 02 53	#91	20 ^m	PA = -56
99	COMP			↑		
100	1996bv	"	"	#91	20 ^m	
101	COMP			↑		
102	1996bv	"	"	#91	20 ^m	
103	COMP			↑		
104	1998ec	06 53 17	50 01 52	#91	20 ^m	PA = -50

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
105	COMP			↑		
106	1998ec	"	"	#91	20 ^m	
107	COMP			↑		
108	1998ec	"	"	#91	20 ^m	
109	COMP			↑		
110	1997do	07 26 51	47 05 11	#91	20 ^m	PA = -10
111	COMP			↑		
112	1997do	"	"	#91	20 ^m	
113	COMP			↑		
114	1997do	"	"	#91	20 ^m	
115	COMP			↑		
116	SN1999gh	09 44 20	-21 16 25	#2	10 ^m	PA = 1
117	COMP			↑		
118	SN1999gi	10 18 21	41 26 58	#2	10 ^m	PA = 22
119	COMP			↑		
120	1998bu	10 46 47	11 48 11	#91	10 ^m	PA = 45
121	COMP			↑		
122	1998bu	"	"	#91	10 ^m	
123	COMP			↑		
124	1998bu	"	"	#91	10 ^m	
125	COMP			↑		
126	1989B	11 20 13.9	13 00 19	#91	10 ^m	PA = 90
127	COMP			↑		
128	1989B	"	"	#91	10 ^m	
129	COMP			↑		
130	1989B	"	"	#91	5 ^m	sky brightening
131	COMP			↑		
132	Feige B4	10 39 39	43 05 23	#56	3 ^m	PA = 90 (not parallaxic)
133	COMP			↑		
134-143	FLAT			#0	12 ^s	bibby 2

