

60 inch Telescope Log

Observer: CALKINS

PI: All, Kitchner, Kochanek

Spectrograph: FAST

Grating: COOL

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Date: 6/18/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				35s	
31-35	sky			#57	2s	clouds @ sunset
36	comp			↑	35s	
37	H244	13 23	36 08	#56	2m	300lpm, 3", tilt=610
38	comp			↑	12s	PA=109
39, 40	snr 5468	14 06	-5 26	#2	15m	PA=0, thru clouds
41	comp			↑	12s	
42	H244	13 23	36 08	#56	2m	600lpm, 2", tilt=742
43	comp			↑	35s	
44, 45	MFO41	12 33	17 35	#88	7.5m	PA=58°
46	comp			↑	35s	
47	comp			↓	35s	
48-50	MFO44	13 48	18 21	#88	15m	PA=10°
51	comp			↑	35s	
52	comp			↓	35s	
53, 54	MFO40	13 31	19 59	#88	15m	PA=35°
55	comp			↑	35s	
56	comp			↓	35s	
57-59	MFO60	15 19	25 46	#88	15m	PA=4°, bright star east
60	comp			↑	35s	
61, 62	MFO71	15 54	30 08	#88	7.5m	PA=59
63	comp			↑	35s	
64	comp			↓	35s	
65, 66	MFO54	14 30	40 00	#88	15m	PA=0°
67	comp			↑	35s	
68, 69	MFO77	16 18	35 08	#88	7.5m	PA=45°
70	comp			↑	35s	
71, 72	MFO80	16 32	22 24	#88	7.5m	PA=100°

NO FLATS FOR OBSERVATION AT TILT OF 610
 (STANDARD STAR + SN)
 NOT REDUCED FOR THIS REASON

60 inch Telescope Log

Observer: Calkins

PI: Kochanek

Spectrograph: FAST

Grating: 6000L

Date: 6/17/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
73	comp			↑	35s	
74-75	MFC072	15 59	15 10	#88	7.5m	PA = 105°
76	comp			↑	35s	
77	comp			↓	35s	
78-80	MFC078	22 48	24 47	#88	15m	PA = 66°
81	comp			↑	35s	
82	G90B2.n09	20 33	41 13	#56	20s	PA = 3°
83	comp			↑	25s	
84-85	NGC 7331	22 37	34 24	#88	5m	PA = -9°
86	comp			↑	35s	
87	HD175743	18 56	18 06	#88	N/A	Rate=3
88	comp			↑	35s	
89	comp			↓	35s	
90-92	MFC095	22 12	16 24	#88	15m	PA = 73°
93	comp			↑	25s	
94	HD185194	19 37	16 20	#88	N/A	PA = 90°, rate = 3
95	comp			↑	35s	
96	BDp284211	21 51	28 52	#56	30s	PA = 90°
97	comp			↑	35s	
98	HD183492	19 29	14 35	#56	N/A	Rate = 3, PA = 90°
99	comp			↑	35s	
100-104	sky			#57	4s	clear at dawn
105	comp			↑	35s	
106-115	BEAS				0s	
116-125	FLAT				55s	
126-135	DARK				15m	

