

60 inch Telescope Log

Observer: CALKINS

PI: Kochanek et al, Garcia

Spectrograph: FAST

Grating: 600

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Date: 10/7/99

Number	Object	R. A.	Dec	L/R	Exp	Comments
1-4	DARK				15m	600 lpm, 2" slit,
5-14	BIAS				0s	tilt = 742, $\gamma_0 = 6563$
15-24	FLAT				25s	high winds @ sunset
25-29	GM Sqr	18 19	-25 24	X-Ray	4m	lousy seeing
30	comp			↑		
31, 32	MF3018	22 28	16 55	#88F	7.5m	PA = 51°
33	comp			↑		
34	comp			↓		
35-37	MF2996	22 12	14 00	#88F	15m	PA = 49°
38	comp			↑		
39	comp			↓		
40-41	MF2038	00 15	16 05	#88F	15m	PA = 96°
42	comp			↑		
43	comp			↓		
44-46	MF2107	00 43	23 20	#88	15m	PA = 100°
47	comp			↑		
48	comp			↓		
49-50	MF2104	00 42	23 29	#88	15m	PA = 52°
51	comp			↑		
52	comp			↓		
53-54	MF2015	00 06	26 08	#88	15m	PA = 7°
55	comp			↑		
56	comp			↓		
57-58	MF2259	1 44	37 23	#88	15m	PA = -3°
59	comp			↑		seeing getting even
60	comp			↓		worse!!
61-63	MF2629	01 09	14 21	#88	15m	PA = -25°
64	comp			↑		
65	comp			↓		
66, 67	MF2071	00 25	31 24	#88	15m	PA = -1°

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
68	comp			↑		
69	comp			↓		
70-71	MF2498	2 44	16 44	± 88	15m	PA = -33
72	comp			↑		
73	comp			↓		
74-75	MF2278	1 51	19 05	± 88	15m	PA = 84°
76	comp			↑		
77	comp			↓		
78, 79	MF2284	2 18	38 00	± 88	15m	PA = -37°
80	comp			↑		
81	comp			↓		
82, 83	MF2597	3 59	21 47	± 88	15m	PA = 7°
84	comp			↑		
85	comp			↓		
86-87	MF2807	08 00	26 38	± 88	15m	PA = -40°
88	comp			↑		
89	comp			↓		
90-91	MF2751	7 41	34 16	± 88	15m	PA = -27°
92	comp			↑		bright star west
93	Hiltner 600	6 45	2 08	± 56	1m	PA = -45°
94	comp			↑		
95	G191B2B	5 05	52 50	± 56	2.5m	PA = +26°
96	comp			↑		
97-101	sky			± 57	2.5	
102	comp			↑		
103-112	BIAS				0.5	
113-122	FLAT				35s	
123-132	DARK				15m	