

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>6782</u>	
Observer: <u>A. Mandavi</u>			Grating: <u>300 line</u>		Date: <u>12/16/1998</u>	
PI: <u>All/Wilkes/Hucha/Kirchner</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-9	DARK				15 ^m	Bin by 4
10-19	BIAS				0 ^s	↓
20-29	FLAT				6 ^s	↓
30-39	FLAT				12 ^s	Bin by 2
40-49	BIAS				0 ^s	↓
50-59	FLAT				20 ^s	Bin by 4 1.1" slit
60-64	SKY			57	2 ^s	3" slit; clouds in the
65	COMP			↑		distance but clear here
66	FEIGE 110	23:19:58	-5:09:56	56	2 ^m	windy RH ≈ 60%
67	COMP			↑		
68	MS1	00:40:00	40:59:42	57	1 ^m	
69	COMP			↑		
70	N7469	23:03:15	8:52:25	6	2.5 ^m	
71	COMP			↑		
72	MRK 335	00:06:45	19:55:27	6	3 ^m	
73	COMP			↑		
74	2M	02:23:03	25:26:06	68	7 ^m	
75	COMP			↑		
76	2M	02:36:16	14:04:57	68	15 ^m	
77	COMP			↑		
78	SN 1998ey	21:31:08	26:43:41	2	20 ^m	Bin by 2.
79	COMP	↓	↓	↑	12 ^s	
80	SN 1998ey	↓	↓	2	20 ^m	
81	COMP			↑	12 ^s	7:45 Dome shut-wind 45mph
82-91	BIAS	bin by 4			0 ^s	Lighting storm to the SW
92-101	FLAT	↓			6 ^s	11 PM Winds 55 mph
102-111	FLAT	bin by 2			12 ^s	Giving up 5:30 AM
112-121	BIAS	↓			0 ^s	
122-131	DARK	↓			20 ^m	

60 inch Telescope log				Spectrograph: <u>FAST</u>		Page: <u>6783</u>	
Observer: <u>A Mahdavi</u>				Grating: <u>3001</u>			
PI: <u>All/Mahdavi/Wilkes</u>				Date: <u>12/17/1998</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
1-10	DARK	Bin by 4			15 ^m	Raining; unable to do	
11-20	BIAS	↓			0 ^s	sunset sky flats	
21-30	FLAT	↓			6 ^s	Lightning storm @ 8PM	
31-40	FLAT	Bin by 2			12 ^s	cloudy & humid after	
41-50	BIAS	↓			0 ^s	(RH ~ 100%)	
51-60	FLAT	Bin by 4	1.1" slit		20 ^s		
61	FEIGE34	10:39:37	43:06:11	56	90 ^s	Dome open 5AM	
62	COMP			↑		RH ~ 80%	
63	ngc5027.045	9:13:56.1	17:13:31	59	20 ^m	Bizarre Spectrum	
64	COMP			↑		Two stars? ^{But it looks} diffuse on TV!	
65	ngc5027.042	9:13:39.5	17:31:23	59	20 ^m	This spectrum looks similar	
66	COMP			↑		to the last one. Is there some	
						instrumental effect going on?	
						Comps look fine	
67	ngc5027.044	9:13:43.7	16:51:42	59	7 ^m	Whew! a normal	
68	COMP			↑		galaxy spectrum	
69	N4486B	12:13:32	12:29:25	57	5 ^m	Also normal	
70	COMP			↑			
71	N4151	12:08:01	39:41:01	6	30 ^s		
72	COMP			↑			
73	N4258	12:16:30	47:34:51	6	2 ^m		
74	COMP			↑			
75-84	BIAS	Bin by 4			0 ^s		
85-94	FLAT	↓			6 ^s		
95-104	SKY			57			
105	COMP	↓		↑		Bin by 2 calibrations	
						unnecessary.	