

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6778</u>
Observer: <u>A Mahdavi</u>		Grating: <u>3000</u>		Date: <u>12/14/1998</u>		
PI: <u>All / Huchra / Wilkes / Mahdavi</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-7	DARK				15 ^m	Bin by 4
8-17	BIAS				0 ^s	"
18-27	FLAT				6 ^s	" 3" slit
28-37	BIAS				0 ^s	Bin by 2 Some clouds
38-47	FLAT				12 ^s	" but appears to
48-52	SKY			57	2 ^s	Bin by 4 be clearing.
53	COMP			↑	6 ^s	Beautiful sunset on account of clouds
54	FEIGELD	23:17:20	-5:26	56	2 ^m	Fantastic seeing.
55	COMP			↑		
56	M31	00:40:00	40:59	57	1 ^m	
57	COMP			↑		
58	N7469	23:03:15	8:52:25	6	2.5 ^m	
59	COMP			↑		
60	MRK 335	00:03:15	19:55:27	6	3 ^m	
61	COMP			↑		
62	2M015355.1p30335	01:53:55.1	30:33:60	68	15 ^m	Faint
63	COMP			↑		
64	2M015411.0p31152	01:54:11	31:15:30	68	12 ^m	
65	COMP			↑		
66	2M	01:48:59.3	32:53:58	68	16 ^m	
67	COMP			↑		
68	2M	01:53:19.6	32:38:56	68	20 ^m	Clouds moving in - had
69	COMP			↑		+ red - this one
70	Srg b 158.06	02:53:51	8:31:34	59	7 ^m	Intermittent clouds
71	COMP			↑		Very brighter objects
72	Srg b 158.10	02:54:51	8:47:01	59	18 ^m	
73	COMP			↑		
74	Srg b 158.1b	02:55:11	9:20:10	59	20 ^m	Clouds still may move out
75	COMP			↑		
76	Srg b 158.23	02:55:52	9:18:39	59	16 ^m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>6779</u>	
Observer: <u>A. Mahdavi</u>			Grating: <u>300 l</u>			
PI: <u>Mahdavi</u>			Date: <u>12/14/1998</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
<u>77</u>	<u>COMP</u>			<u>↑</u>		<u>11 PM, weather terrible!</u>
<u>78</u>	<u>scrabise, 18</u>	<u>2:55:20</u>	<u>8:49:39</u>	<u>59</u>	<u>12^m</u>	<u>'Too cloudy - Shitty done</u>
<u>79</u>	<u>COMP</u>			<u>↑</u>		<u>RH ≈ 95%</u>
<u>80-89</u>	<u>BIAS</u>				<u>0^s</u>	<u>Clearing up around 5AM,</u>
<u>90-99</u>	<u>FLAT</u>				<u>6^s</u>	<u>but RH is still high.</u>
						<u>No need to take bin by</u>
						<u>2 bins or flat; no</u>
						<u>data was taken in</u>
						<u>bin-by-2 mode,</u>