

60 inch Telescope Log

Observer: S. Muscarella

PI: J. Kuchra

Spectrograph: FAST

Grating: 300

Date: 6/4/91

Page: 3017

Number	Object	R A.	Dec.	L/R	Exp	Comments
—	BIAS	—	—	—	0 <sup>s</sup>	Combined
—	FLAT	—	—	—	0 <sup>s</sup>	Combined
1	COMP	—	—	—	—	(2 solution from QFAS, d.s. earlier directory)
2	COMP	—	—	—	15 <sup>s</sup>	first actual COMP for this date.
3	COMP	—	—	—	15 <sup>s</sup>	
4	COMP	—	—	↓	15 <sup>s</sup>	
5	AGK2p43928	09:49:18	43:42:00	—	30 <sup>s</sup>	Calib
6	COMP	—	—	—	15 <sup>s</sup>	Looks better than 2-4
7	COMP	—	—	↓	15 <sup>s</sup>	
8	GD140	11:34:27.8	30:04:35	—	2M	Calib
9	COMP	—	—	↓	15 <sup>s</sup>	
10	NGC 4151	12:08:01	39:41:02	—	30 <sup>s</sup>	Calib
11	COMP	—	—	↓	15 <sup>s</sup>	
12	Feige 234	10:36:41.1	43:21:50	—	60 <sup>s</sup>	Calib
13	COMP	—	—	↓	15 <sup>s</sup>	
14	MK 421	11:01:40.6	38:28:43	—	5M	Markarian
15	COMP	—	—	↓	15 <sup>s</sup>	
16	SN 1994M	12:28:35	00:52:54	—	20M	Kirchner/Challis Extreme TV Noise Hope for a lucky shot
17	COMP	—	—	↓	15 <sup>s</sup>	NOT SN
18	N4486B	12:28:00	12:45:39	—	5M	
19	COMP	—	—	↓	15 <sup>s</sup>	
20	Feige 67	12:39:18.7	17:47:24	—	2M	
21	COMP	—	—	↓	15 <sup>s</sup>	
22	H244	13:21:19.1	36:23:38	—	2M	
23	COMP	—	—	↓	15 <sup>s</sup>	
24	N5548	14:15:43.5	25:22:01.1	—	5M	
25	COMP	—	—	↓	15 <sup>s</sup>	
26	H243	13:17:00.7	29:21:49	—	3M	
27	COMP	—	—	↓	15 <sup>s</sup>	
28	12444m 0117	12:44:24	01:17:00	—	10M	will try, but TV noise mask these faint galaxies near impossible Garbage maybe just the edge

## 60 inch Telescope Log

Observer: MuscarellkPI: HachraSpectrograph: EastGrating: 300Page: 3018Date: 6/4/94

Number	Object	R. A.	Dec.	L/R	Exp	Comments
29	COMP			↓	15 <sup>s</sup>	
30	12476 p 0407	12:47:12	04:07:00		10 <sup>M</sup>	Can't distinguish - location on slit by other objects
31	COMP			↓	15 <sup>s</sup>	
32	12514 p 0518	12:51:24	05:18:00		10 <sup>M</sup>	
33	COMP			↓	15 <sup>s</sup>	
34	12518 p 0532	12:51:48	05:32:00		10 <sup>M</sup>	* - Wrong object ???
35	COMP			↓	15 <sup>s</sup>	
36	N4857	12:5:24	70:28:00		8 <sup>M</sup>	
37	COMP			↓	15 <sup>s</sup>	
38	13174 p 7302	13:17:24	73:02:00		10 <sup>M</sup>	
39	COMP			↓	15 <sup>s</sup>	
40	14060 p 7223	14:06:00	72:23:00		10 <sup>M</sup>	
41	COMP			↓	15 <sup>s</sup>	
42	14063 p 7225	14:06:18	72:25:00		10 <sup>M</sup>	Star on slit to west I don't see it
43	COMP			↓	15 <sup>s</sup>	
44	N6071	16:01:18	70:45:00		10 <sup>M</sup>	
45	COMP			↓	15 <sup>s</sup>	
46	SN1994Q	16:48:11.6	40:31:01		30 <sup>M</sup>	
47	COMP			↓	15 <sup>s</sup>	
48	16552 p 7031	16:55:12	70:31:00		10 <sup>M</sup>	
49	COMP			↓	15 <sup>s</sup>	
50	17261 p 7256	17:26:06	72:56:00		10 <sup>M</sup>	
51	COMP			↓	15 <sup>s</sup>	
52	17403 p 7452	17:40:18	74:52:00		10 <sup>M</sup>	
53	COMP			↓	15 <sup>s</sup>	
54	18024 p 6943	18:02:24	69:43:00		10 <sup>M</sup>	
55	COMP			↓	15 <sup>s</sup>	
56	18130 p 7410	18:13:00	74:10:00		8 <sup>M</sup>	
57	COMP			↓	15 <sup>s</sup>	
58	18400 p 7334	18:40:00	73:34:00		10 <sup>M</sup>	MISSED. TRY AGAIN #59

