

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>E. Barton</u>		Grating: <u>3000</u> , 3" slit, bin by 4 or 2 Page: <u>4087</u>				
PI: <u>Geddon/Kirshner/Geller/Barton</u>		Date: <u>11/17/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	no clouds; a little hazy.
11-20	FLAT			0	6s	
21	COMP			↑		w/ dome closed.
22-26	SKY			0	2s	
27	COMP			↑		
28	N7331	23:34:46.9	34:09:43	0	2m	not quite dark!
29	COMP			↑		
30	BD284211	22:51:00	28:51:00	0	30s	
31	COMP			↑		
32	S21.046508	22:44:10.05	11:54:41.2	3	12m	
33	COMP			↑		
34	S21.046701	23:06:32.82	11:55:09.4	3	20m	found! big star we don't want on slit
35	COMP			↑		
36	S21.046706	23:06:38.51	11:54:03.3	3	10m	obj. may be slightly off center (off of 46)
37	COMP			↑		
38, 40	SN1995ab	23:26:44.96	-04:57:45.9	2	20m	binned by 2!
39, 41	COMP			↑		binned by 2!
42	S21.046970	22:50:52.22	11:56:24.8	3	12m	binned by 4 again!
43	COMP			↑		
44	S21.47017	23:08:1.92	11:54:40.9	3	20m	header wrong!
45	COMP			↑		
46	S21.047192	22:44:03.39	11:56:51.2	3	17m	the galaxy put off center of to have guide stars
47	COMP			↑		
48	S21.047714	22:50:46.11	11:58:43.1	3	15m	
49	COMP			↑		
50	gn904_gal14	01:26:48.2	14:30:17	33	20m	very faint!!
51	COMP			↑		
52	gn904_gal15	01:27:23.0	15:33:13	33	10m	
53	COMP			↑		
54	gn904_gal17	01:27:31.13	14:49:10.9	33	8m	

advised 8.69
gain 1.14

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>E. Barton</u>		Grating: <u>200; 3" slit; bin by 4x2</u>			Page: <u>4088</u>	
PI: <u>Barton / Kiehn / Barton / Kovanyi</u>		Date: <u>11/17/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
55	COMP			33		
56	gp 904 - gal 18	01:27:38.24	14:21:19.26	33	15m	made object far off slit to have guide star!
57	COMP			7		
58	gp 921 - gal 04	01:18:53.10	33:10:27.62	33	7m	
59	COMP			↑		
60	gp 921 - gal 05	01:19:12.11	33:01:52.01	33	8m	
61	COMP			↑		
62	gp 921 - gal 06	01:19:22.09	32:42:23.4	33	12m	
63	COMP			↑		
64	gp 921 - gal 07	01:19:48.51	32:46:04.2	33	8m	
65	COMP			↑		
66	gp 921 - gal 08	01:20:01.69	33:31:29.21	33	8m	
67	COMP			↑		
68	gp 921 - gal 09	01:20:37.79	33:33:25.71	33	20m	
69	COMP			↑		
70, 72	SN 1995 ak	02:45:48.8	03:13:50	2	15m	binned by 21
71, 73				↑		binned by 21
74	gp 921 - gal 10	01:20:4.4	33:02:42.2	33	5m	could be star! binned by 4
75	COMP			↑		again
76	gp 921 - gal 12	01:20:56.89	31:59:11.11	33	8m	
77	COMP			↑		
78	awm 7 - 2.060	02:53:16.2	41:29:11.8	35	10m	
79	COMP			↑		
80	awm 7 - 2.067	02:53:29	42:05:06.50	35	17m	seeing suddenly turned awful!
81	COMP			↑		
82	awm 7 - 2.073	02:53:41.0	41:27:15.08	35	10m	
83	COMP			↑		
84	awm 7 - 2.074	02:53:47.1	41:32:49.09	35	17m	seeing is just horrible!
85	COMP			↑		
86	awm 7 - 2.077	02:53:51.5	41:40:25.61	35	20m	seeing still really bad!

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>E. Barton</u>				Grating: <u>300L; 3" slit; binby 4 or 2</u> Page: <u>4089</u>		
PI: <u>Koranyi/Huchra</u>				Date: <u>11/17/95</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
87	COMP			35		
88	07137p4553	07:13:46.15	45:52:44	1	10m	Seeing is really
89	COMP			↑		<u>unbelievably awful!</u>
90	07152p2705	07:15:06.75	22:08:57	1	15m	↑
91	COMP			7		
92	07148p2858	07:14:47.65	25:58:23	1	10m	seeing horrible!
93	COMP			↑		
94	07156p2107	07:15:33.33	21:07:20	1	10m	" "
95	COMP			↑		
96	07165p2435	07:16:33.5	23:27:47	1	15m	" "
97	COMP			?		
98	07165p3443	07:16:33.55	34:27:47	1	15m	distorted off slit near the spectrograph end... worth taking a gain now in dark seeing
99	COMP			↑		
100	7178p2327	07:17:49.9	23:27:47	1	15m	terrible seeing!
101	COMP			↑		
102, 101	SN 1995al	09:50:55.9	33:33:09	2	10m	binby 2 - seeing still quite poor!
103, 106	COMP			↑		
106	M151	12:08:01.1	39:41:01	6	1m	sun is rising; binby 4
107	COMP			↑		
108	Feige 34	10:36:41.2	43:21:50	0	30s	
109	COMP			↑		
110-119	BIAS			0	0s	binby 4
120-129	FLAT			0	6s	binby 4
130-139	FLAT			0	12s	binned by 2
140-149	BIAS				0s	binned by 2

reads wrong?