

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4196</u>		
Observer: <u>P. Berlind</u>		Grating: <u>300R, 3" slit 6mm Y</u>				
PI: <u>Kenyon</u>		Date: <u>12/22/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					clearing at sunset
11-20	FLAT					
21-25	sky	zenith				1 day old moon out
26	COMP					w/ Mercury + Venus stars
27-29	206807	21:43	+35:18	0	10s	
30	COMP			↑		
31-33	206792	21:43	+27:50	0	10s	
34	COMP			↑		a few clouds around
35-37	206793	21:43	+22:48	0	5s	
38	COMP			↑		
39-41	206847	21:44	+33:20	0	10s	
42	COMP			↑		
43-44	BDp284211	21:48:57	+28:37:48	0	30s	
45	COMP			↑		
46-47	NT331	22:34:46	+34:07:43	0	2m	
48	COMP			↑		
49	MRK335	00:13:45	+15:55	6	1m	
50	COMP			↑		
51-53	EG And	00:41:52	+40:24:22	2	1,3,5s	
54	COMP			↑		- NO COMP use #57
54-56	AT Per	01:33:06	+54:40:18	2	1,3,10s	
57	COMP			↑		
58-60	Z And	23:31:15.3	+48:32:72	2	1,3,32s	
61	COMP			↑		
62	IC5146.015	21:45:27.4	+47:31:09	30	90s	
63	COMP			↑		
64	IC5146.015	21:46:15.9	+47:31:29	30	8m	
65	IC5146.005	21:46:15.7	+47:35:46	30	6m	
66	COMP			↑		
67	IC5146.004	21:45:19.3	+47:32:10	30	10m	

11, 12, 14, 16

8.65

1.14

60 inch Telescope Log

Observer: PBPI: Kayon/Keller/KirchnerSpectrograph: FASTGrating: 3002Page: 497Date: 12/22/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
68	IC516.0026	21:47:14	+47:36:43	30	10m	#24 also on slit
69	COMP			↑		
70	IC516.0040	21:46:24.5	+47:36:11	30	1m	
71	COMP			↑		
72	522.060343	23:09:37.5	+12:49:46.3	3	20m	LSB H _α
73	COMP			↑		
74	522.061557	23:26:31.5	+12:53:23	3	12m	
75	COMP			↑		Susan's SN!!
76,78	SN 1995bb	00:16:17	+12:24:54	2	20m	bin by 2 +2
77,79	COMP			↑		
80	523.038344	23:55:49	+11:46:47	3	12m	bin by 1 H _α
81	COMP			↑		
82	523.038531	23:45:44.9	+11:47:34	3	10m	same cirrus around
83	COMP			↑		variable seeing
84	523.057516	23:50:56.7	+12:46:03	3	20m	H _α
85	COMP			↑		
86	470.021357	02:43:31.4	+10:56:46	3	8m	
87	COMP			↑		
88	470.020525	02:35:17	+10:54:49	3	8m	
89	COMP			↑		
90	470.019760	02:25:41.78	+10:50:08	3	8m	
91	COMP			↑		
92	470.021561	02:35:14.5	+10:58:42	3	10m	
93	COMP			↑		
94	470.022231	02:26:42	+11:01:15.1	3	10m	Strong H _α
95	COMP			↑		
96	470.022853	02:44:06	+11:02:46	3	8m	
97	COMP			↑		
98	470.023223	02:36:55	+11:05:11.3	3	20m	
99	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>PB</u>			Grating: <u>3WR</u>		Page: <u>4/98</u>	
PI: <u>Koranyi/Kirshner/Huchra</u>			Date: <u>12/22/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
100	gwm7-2.110	02:54:56	+41:29:46	3S	20m	seeing 2"
101	WMP			↑		Weak; faint galaxy!
102	gwm7-2.111	02:54:59	+41:36	3S	12m	really R=15.4???
103	WMP			↑		gal w/ sup* ; Ho ringal
104	gwm7-2.113	02:55:00	+41:19:53	3S	20m	also bright π p12-2063
105	WMP			↑		
106, 108, 110	U3151SN	04:45:27	+11:04:02	2	20m	binby 2 x3
107, 109, 111	WMP			↑		
112, 113	Hiltner 60	06:42:37	+01:11:25	0	1m	binby 4
114	WMP			↑		
115-117	DX Mon	07:22:54	-03:30:00	2	15, 10, 32	
118	COMP			↑		runaway dome!
119-121	WUAir	05:15:33	+37:21:51	2	3s	
122	WMP			↑		
123	07125p4821	07:17:28	+48:21	1	9m	seeing is much improved
124	WMP			↑		
125	07127p3730	07:17:42	+37:30:27	1	9m	
126	WMP			↑		
127	07133p2743	07:13:08	+27:43:00	1	12m	H α
128	WMP			↑		
129	07134p2942	07:13:24	+29:42:00	1	20m	interacting blobs
130	WMP			↑		
131	07138p2242	07:13:44	+22:42:00	1	10m	H α
132	WMP			↑		
133	07183p3113	07:18:10	+31:13:00	1	4m	
134	WMP			↑		
135	07197p2112	07:19:42	+21:12:00	1	8m	H α
136	WMP			↑		
137	07206p2112	07:20:36	+21:12:00	1	7m	
138	WMP			↑		

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60 inch Telescope Log

Observer: PBPI: GellerSpectrograph: FASTGrating: 3000Page: 4/99Date: 12/2/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
139	313.002157	09:10:25	+26:15:31	3	10m	
140	COMP			↑		
141	313.006000	09:27:40	+26:27:11	3	8m	H _α
142	COMP			↑		
143	313.008516	09:17:27	+26:39:13	3	8m	
144	COMP			↑		
145	313.008501	09:10:39	+26:31:35	3	8m	
146	COMP			↑		
147	313.015604	09:13:02	+27:06:59	3	7m	
148	COMP			↑		
149	313.014533	09:09:49	+27:04:09	3	8m	
150	COMP			↑		
151	313.022174	09:14:08	+27:34:11	3	8m	
152	COMP			↑		
153	313.024448	09:11:07	+27:37:10	3	8m	
154	COMP			↑		
155	313.023115	09:23:23	+27:37:25	3	15m	H _α
156	COMP			↑		
157	313.021264	09:19:13	+27:27:43	3	10m	H _α
158	COMP			↑		
159	313.025939	09:10:32.96	+27:44:20	3	10m	H _α
160	COMP			↑		
161	313.026100	09:17:16	+27:44:47	3	8m	H _α
162	COMP			↑		
163	313.028600	09:18:50	+27:53:36	3	8m	
164	COMP			↑		
165	313.032457	09:18:59	+28:07:25	3	8m	
166	COMP			↑		
167	313.034948	09:03:16	+28:15:30.6	3	8m	
168	COMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Geller/Wilkes
 Spectrograph: FAST
 Grating: 300L
 Date: 12/22/95
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
169	313.028912	09:42:04	+27:55:06	3	15m	Hk 2px 2199
170	COMP			↑		
171	313.062489	09:06:23	+29:55:46	3	5m	
172	COMP			↑		
173-174	Fezepe	10:36	+43:21	0	1m	
175	COMP			↑		
176	MRK421	11:01	+34:28	6	5m	
177	COMP			↑		
178	N4151	12:06	+39:41	6	30s	
179	COMP			↑		
180-182	TYCUN	12:42	+57:02	2	30s	
183	COMP			↑		
184	N5548	14:15	+25:22	6	2m	
185	COMP			↑		
186-187	H244	13:21	+36:23	0	1m	
188	COMP			↑		
189-190	N4486B	12:28	+42:46	0	4m	
191	COMP			↑		
192-194	97211	11:11	+26:49	0	5s	
195	COMP			↑		
196-198	97194	11:11	+42:49	0	5s	
199	COMP			↑		
200-202	96574	11:07	+43:51	0	5s	
203	COMP			↑		
204-206	96975	11:10	+15:54	0	5s	
207	COMP			↑		
208-210	97005	11:10	+22:42	0	5s	
211	COMP			↑		
212-221	BIAS			0	0s	
222-231	FLAT			0	6s	
232-241	BIAS			2	0s	binby 2
242-251	FLAT			2	12s	"