

FAX to Susan Tokarz pg 1d+6 27 Total  
21 15R

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>3938</u>		
Observer: <u>P. Berline</u>		Grating: <u>300R</u>		Date: <u>9/19/95</u>		
PI: <u>Huchra</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-25	BLAS			0	2s	clearing before sunset
26-35	FLAT			0	8s	
36-40	SKY			0	8s	
41	COMP			↑	10s	
42	16030 p8150	15:58:34	+81:41:49	↓	3m	
43	COMP			↑		
44	16030 p8000	15:59:53.7	+79:52:05	↓	3m	
45	COMP			↑		
46	16015 p7138	16:00:56	+71:30:09	↓	4m	
47	COMP			↑		
48	16019 p7132	16:01:12.1	+71:24:16	↓	5m	H <sub>α</sub>
49	COMP			↑		
50	16060 p8201S	16:01:27.7	+81:53:11	↓	3m	stars; some nebulosity
51	16060 p8201N	16:01:27.7	+81:53:11	↓	3m	
52	COMP			↑		still some clouds around
53	16024 p7034	16:01:60	+70:26:10	↓	3m	
54	COMP			↑		
55	16025 p6637	16:02:36.1	+66:29:10	↓	5m	H <sub>α</sub>
56	COMP			↑		
57	Abell 2168A	16:12:50.4	+51:08:41	↓	20m	H <sub>α</sub> @ p. 2015
58	COMP			↑		
59	Abell 2168B	16:12:52.1	+51:07:54	↓	20m	
60	COMP			↑		
61	16529 p5558	16:53:56.7	+51:53:40	↓	7m	H <sub>α</sub>
62	COMP			↑		
63	16557 p5808	16:56:26.9	+58:01:17	↓	10m	H <sub>α</sub>
64	COMP			↑		
65	16565 p5229	16:57:31.1	+52:24:19	↓	6m	H <sub>α</sub>
66	COMP			↑		
67	N6285	11:58:13.7	+58:58:16	↓	4m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3939</u>	
Observer: <u>P. Barlow</u>			Grating: <u>300</u>			
PI: <u>Huchra Swikes/Geller</u>			Date: <u>9/19/95</u>			
Number	Object	R.A.	Dec.	L/R	EXP	Comments
68	N6286	16:58:70	+58:56:00	1	5m	H $\alpha$
69	COMP			↑		
70	16577p5912	16:58:19.2	+59:07:15	1	4m	
71	COMP			↑		
72	16575p5856	16:58:27.5	+59:57:07	1	4m	H $\alpha$
73	COMP			↑		
74	16586p5608	16:59:29.9	+56:03:40	1	7m	H $\alpha$
75	COMP			↑		
76	16596p5510	17:00:40.5	+55:05:24	1	10m	H $\alpha$
77	COMP			↑		
78	MRK335	00:03	+19:55	1	1m	
79	COMP			↑		
80	BDp258421	21:48	+28:37	0	1m	
81	COMP			↑		
82	MRK509	20:41:20	-10:54:18	6	1m	
83	COMP			↑		
84	S18.058403	21:50:25	+11:40:20	3	15m	H $\alpha$
85	COMP			↑		
86	S18.061022	21:38:37	+11:04:36	3	15m	
87	COMP			↑		
88	S18.063121	21:32:07.08	+11:06:35.8	3	7m	H $\alpha$
89	COMP			↑		
90	S18.064060	21:38:23	+11:17:06.4	3	10m	2 stars also on slit
91	COMP			↑		
92	S18.070851	21:51:22	+11:19:37.5	3	15m	
93	COMP			↑		
94	S18.071493	21:58:20.8	+11:20:55.3	3	15m	
95	COMP			↑		
96	S18.071550	21:50:02.24	+11:21:22.4	3	15m	
97	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>3910</u>		
Observer: <u>PB</u>		Grating: <u>300L</u>		Date: <u>9/19/95</u>		
PI: <u>Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
98	S18.073305	21:31:44.2	+11:27:51.1	3	10m	
99	COMP			↑		
100	S18.074847	21:33:36.01	+11:27:17.5	3	10m	
101	COMP			↑		
102	S18.076452	21:33:40.78	+11:28:11	3	10m	
103	COMP			↑		
104	S18.076929	21:31:07.9	+11:28:25.2	3	10m	
105	COMP			↑		
106	S18.077874	21:42:44.3	+11:31:22	3	12m	
107	COMP			↑		
108	S18.079492	21:36:38	+11:33:30.	3	10m	H $\alpha$ @ 2146
109	COMP			↑		
110	S18.085448	21:40:38	+11:33:20.7	3	12m	
111	COMP			↑		
112	S23.020519	23:40:02	+10:49:46.3	3	15m	
113	COMP			↑		
114	S23.024198	23:41:06.81	+10:1:37.5	3	15m	this galaxy is red, blue; try superposed to see lines
115	COMP			↑		q fast row 2 = 39!
116	S23.028122	23:55:22.3	+11:33:27	3	10m	weak
117	COMP			↑		
118	S23.028940	23:53:26.4	+11:30:27	3	15m	LSB H $\alpha$ @ 212150!
119	COMP			↑		
120	S23.029076	23:51:38.8	+11:17:29.3	3	10m	
121	COMP			↑		
122	S23.029550	23:37:50.63	+11:19:01.4	3	12m	
122	COMP			↑		
124	S23.030294	23:30:39	+11:20:38	3	15m	
125	COMP			↑		
126	a194-991021	01:24:47	-01:31:32	33	15m	
127	COMP			↑		

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
128	a194-qa/022	01:25:08.6	-02:30:07	33	15m	
129	COMP			↑		
130	a194-qa/023	01:25:10.77	-01:36:43.70	33	20m	very LSB! Hd - yes!
131	COMP			↑		incredible - - - -
132	awm 7-1.20	02:53:36	+42:18:13	35	7m	Hk
133	COMP			↑		
134	awm 7-1.21	02:53:40	+41:43:31.1	35	4m	
135	COMP			↑		
136	awm 7-1.22	02:53:50	+41:27:48	35	4m	
137	COMP			↑		
138	awm 7-1.23	02:53:56.3	+41:17:35	35	4m	
139	COMP			↑		
140	awm 7-1.24	02:54:14.8	+41:23:40	35	4m	
141	COMP			↑		
142	awm 7-1.25	02:54:26.9	+41:34:15.6	35	5m	
143	COMP			↑		
144	awm 7-1.26	02:54:27	+41:34:42	35	2 min	
145	COMP			↑		
146	awm 7-1.27	02:54:34	+41:33:32	35	6m	
147	COMP			↑		
148	awm 7-1.28	02:54:44	+41:52:08	35	4m	
149	COMP			↑		
150	awm 7-1.29	02:54:44.6	+41:31:41.4	35	3m	
151	COMP			↑		
152	awm 7-1.30	02:54:46.1	+41:24:34	35	4m	
153	COMP			↑		
154	awm 7-1.31	02:55:02.4	+41:36:24.1	35	5m	
155	COMP			↑		
156	awm 7-1.32	02:55:04	+42:15:45	35	5m	sup kumpaqal
157	COMP			↑		

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60 inch Telescope Log

Observer: PBS LP

PI: Koranyi

Spectrograph: FAST

Grating: 202

Date: 9/19/85

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
156	<u>awm Z 1.36</u>	<u>07:56:07.4</u>	<u>+46:57:51</u>	<u>35</u>	<u>3m</u>	
159	<u>COMP</u>			<u>↑</u>		
160-164	<u>AGKZp 14763</u>	<u>07:17:47</u>	<u>+14:59:37</u>	<u>0</u>	<u>10s</u>	
165	<u>COMP</u>			<u>↑</u>		
166	<u>HD 5487</u>	<u>04:59:02</u>	<u>+51:56:19</u>	<u>0</u>	<u>Ss</u>	
167	<u>COMP</u>			<u>↑</u>		
168-170	<u>HD 16458</u>	<u>02:47:46.9</u>	<u>+61:26:32</u>	<u>0</u>	<u>Ss</u>	
171	<u>COMP</u>			<u>↑</u>		
172-173	<u>HD 20394</u>	<u>03:16:57</u>	<u>+02:21:06</u>	<u>0</u>	<u>Ss</u>	
174	<u>COMP</u>			<u>↑</u>		
175-179	<u>BEAS</u>			<u>0</u>	<u>0s</u>	
200-209	<u>FLAT</u>			<u>0</u>	<u>8s</u>	
210-215	<u>DARK</u>			<u>0</u>	<u>15m</u>	
216						