

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>3773</u>
Observer: <u>P. Berthel</u>		Grating: <u>300R</u>				Date: <u>6/3/95</u>
PI: <u>Huchra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	
11-20	FLAT			0	5s	clear!
21-25	sky			0	2s	bright moon
26	COMP			0	10s	
27-31	AGK2p4928			0	10s	
32	COMP			↑		DELAY @ 49 ^h
33	N4486B	12:28:00	+24:59	0	5m	
34	COMP			↑		
35	10071p4713	10:10:13.3	+46:56:24		5m	
36	COMP			↑		
37	10080p4710	10:11:07.1	+46:55:23		3m	
38	COMP			↑		
39	10091p4633	10:12:08.35	+46:17:245		5m	HK
40	COMP			↑		
41	10129p4913	10:16:02.1	+48:58:15		6m	
42	COMP			↑		Pause to re-focus fast
43	10110p5023	10:14:10.1	+50:08:18		5m	Na-Fe-1080 HK
44	COMP			↑		
45	10493p4957	10:52:16.6	+49:41:57		5m	
46	COMP			↑		
47	10498p4952	10:52:16.6	+49:41:77		3m	
48	COMP			↑		
49	11249p4739	11:27:41	+47:23:31		5m	
50	COMP			↑		
51	11320p4716	11:34:44.7	+47:10:34		3m	
52	COMP			↑		
53	11200p5130S	11:22:47.9	+51:30:00		3m	
54	11200p5130N	11:22:55.4	+51:5:35		4m	
55	COMP			↑		
56	11871p6034	11:21:36.4	+60:19:29		5m	

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>P. Berland</u>		Grating: <u>3002</u>			Page: <u>37M</u>	
PI: <u>Huchra/Geller</u>		Date: <u>6/3/95</u>				
Number	Object	R. A.	Dec.	L/R	Exp	Comments
57	COMP			↑		
58	11298p6243	11:32:40.5	+62:37:32	1	4m	H _α
59	COMP			↑		
60	11368p6253	11:39:36.7	+62:37:31	1	4m	
61	COMP			↑		
62	12117p6622	12:14:44	+66:06:36	1	10m	redd
63	COMP			↑		
64	13064p5505	13:08:28.1	+54:50:40	1	5m	H _α
65	COMP			↑		
66	13065p5217	13:08:36.7	+52:02:40	1	2m	
67	COMP			↑		
68	13077p5917	13:09:40.6	+59:02:42	1	4m	
69	COMP			↑		
70	13062p6150	13:08:07.9	+61:35:39	1	4m	
71	COMP			↑		
72	13034p6125	13:05:21.9	+61:10:34	1	4m	
73	COMP			↑		
74	320.011606	12:14:30.94	+26:56:253	3	5m	
75	COMP			↑		
76,80	320.012620	12:07:28.1	+26:59:42.1	3	5m	x2
77,81	COMP			↑		moonset
78	320.012720	12:08:17.8	+26:57:34	3	7m	H _α
79	COMP			↑		
82	320.011224	12:23:08.54	+26:54:17.7	3	5m	
83	COMP			↑		
84	320.015357	12:18:19.9	+26:52:13.9	3	5m	
85	COMP			↑		
86	320.009571	12:20:41.26	+26:47:53.4	3	4m	
87	COMP			↑		
88	320.008131	12:26:54.46	+26:41:23.6	3	4m	

7680 - 78 + 80

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3775</u>	
Observer: <u>P. Bertini</u>			Grating: <u>300R</u>			
PI: <u>Huchra</u>			Date: <u>6/3/95</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
89	COMP			↑		
90	13059p5412	13:07:51.2	+53:57:38		4m	H _α
91	COMP			↑		
92	13061p5824	13:07:10.1	+58:10:08		3m	great seeing
93	COMP			↑		
94	13045p5901	13:06:30.5	+58:46:32		3m	
95	COMP			↑		
96	13044p5720	13:06:26.6	+57:05:36		3m	
97	COMP			↑		
98	13093p4637	13:11:27.9	+46:22:45		3m	
99	COMP			↑		
100	13092p5728	13:11:16.1	+53:13:45		5m	H _α
101	COMP			↑		
102	13205p5505	13:22:27	+54:51:03		4m	
103	COMP			↑		
104	13191p5818	13:20:51.3	+58:34:20		3m	
105	COMP			↑		
106	13278p5520	13:29:45	+55:36:07		3m	H _α
107	COMP			↑		
108	13299p5926	13:31:41	+59:12:19		2m	
109	COMP			↑		
110	15012p5343E	15:02:26.8	+53:32:33		3m	H _α
111	15012p5343W	15:02:26.8	+53:32:33		3m	H _α
112	COMP			↑		
113	15025p5308	15:03:44.7	+52:56:19		3m	
114	COMP			↑		
115	1632p579	16:32:40.7	+57:52:37		7m	Fred Chaffee for Valentine Lipkowsky on 48"
116	COMP			↑		test exposures
117	FBS 1634p523	16:34:07.9	+52:18:57		4m	1/2 billion yr - youngest galaxy known
118	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>3776</u>
Observer: <u>P. Berlind</u>		Grating: <u>300</u>				
PI: <u>Huchra</u>		Date: <u>6/3/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
119	1851p6933	18:51:34.6	+68:33:16	1	7m	for Valentine + Chaffee
120	COMP			↑		
121	RXJ16474p0440A	16:47:26.5	+04:40:44.9	1	10m	Gstar
122	RXJ16474p0440B	16:47:26.9	+04:40:44.4	1	20m	related slit to 121
123	COMP			↑		3 objects on slit
124	RXJ16474p0440E	16:47:26	+04:40:44	1	5m	ZSS
125	RX16522p446AK	16:52:13	+44:49:59.9	1	20m	slit related to get all 3
126	COMP			↑		
127	RX17472p4135AB	17:47:11.9	+45:13:10.1	1	30m	3 objects on slit; A, B, E not
128	COMP			↑		
129	RX17533p4937C	17:53:20.3	+49:37:49.7	1	12m	
130	COMP			↑		
131	NEP4180A	18:08:03	+64:52:45	1	15m	
132	COMP			↑		
133	3C3903	18:45:37.6	+78:43:06	6	5m	
134	COMP			↑		
135	PG1708p602	17:08:30.9	+60:13:52	6	3m	
136	COMP			↑		
137	17386p6803	17:38:24	+68:06:26	1	3m	
138	COMP			↑		
139	17406p6829	17:40:21	+68:27:34	1	3m	
140	COMP			↑		
141	17412p7403	17:39:53	+74:01:35	1	4m	
142	COMP			↑		
143	NG601	18:11:49	+61:26:50	1	2m	bright sky
144	COMP			↑		
145-149	HDP98858	20:44:50	+17:31:07	0	4s	
150	COMP			↑		
151-160	BIAS			0	0s	
161-170	FLAT			0	5s	

171-174 ZSS