

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>Pbernd</u>			Grating: <u>3000, 3" slit, 6m by 4</u>		Page: <u>4750</u>	
PI: <u>Huchra</u>			Date: <u>6/17/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	a few clouds around
11-20	FLAT			0	6s	
21-25	sky	zenith		0	2s	7-45
26	COMP			↑	5s	
27-30	HD 89025	10:16	+23	0	1s	
31	COMP			↑		
32-34	HD 90539	10:27	+36:42	0	1s	
35	COMP			↑		
36-38	HD 98262	11:78	+37:05	0	1s	
39	COMP			↑		
40-41	Forn 66	12:	+30	0	1m	
42	COMP			↑		
43	N 4151	12:06	+39:41	6	30s	
44	COMP			↑		check header - should be ok
45	N 5518	14:15	+25:22	6	2m	
46	COMP			↑		
47, 49	Arp 129W	09:36:28.1	+32:35	1	90s, 3m	star w/ fuzz; #49-Ha!
48	Arp 129E	09:36	+32:35	1	3m	emission all over
50	COMP			↑		SPECTRUM DOWN MIDDLE
51	N 2944 EW	09:36	+32:32	1	8m	6m by 2 EW Comps
52	COMP			↑	8s	poor resolution
53	Arp 129E	09:36	+32:35	1	4m	behave emission (Ha) E of gal
54	COMP			↑		
55	11318 pos 32	11:31	+03:32	1	6m	em
56	COMP			↑		
57	11314 pos 46	11:34	+03:46	1	6m	em pec
58	COMP			↑		poor seeing
59	11346 pos 22	11:34	+03:22	1	7m	em
60	COMP			↑		
61	11360 pos 14	11:36	+03:14	1	7m	em

50. COMP - NO GOOD - Spectrum down middle

60 inch Telescope Log
 Observer: PB
 PI: Huchra
 Spectrograph: FAST
 Grating: 300L
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
62	COMP			↑		clear, windy
63	11361 p0404	11:36	+04:04	1	12m	LSB weak em
64	COMP			↑		
65	11383 p0305	11:38	+05:05	1	12m	em em
66	COMP			↑		
67	11473 p0657	11:47	+06:57	1	5m	
68	COMP			↑		
69	11479 p0458	11:47	+04:58	1	8m	
70	COMP			↑		
71	11486 p0702	11:48	+07:02	1	12m	weak H α
72	COMP			↑		
73	11491 p0659	11:49	+06:59	1	8m	H α
74	COMP			↑		
75	12406 p0351	12:40	+03:51	1	8m	
76	COMP			↑		
77	12406 p0744	12:40	+07:44	1	10m	em
78	COMP			↑		
79	12408 p0349	12:40	+03:49	1	7m	
80	COMP			↑		
81	12410 p0743	12:41	+07:43	1	7m	* on slit to W
82	COMP			↑		
83	12414 p0353	12:41	+03:53	1	10m	
84	COMP			↑		
85	12419 p0348NW	12:41	+03:48	1	7m	NW
86	12419 p0348SE	12:41	+03:48	1	10m	SE
87	COMP			↑		
88	13122 p0635	13:12	+06:35	1	15m	em
89	COMP			↑		
90	13125 p0317	13:12	+03:17	1	7m	
91	COMP			↑		

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 PI: Geller
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
92	13129.00220	13:12	+02:22		10m	poor seeing! wind
93	COMP			↑		
94	329.12609	16:15	+20:47	3	10m	red from 6/15/96
95	COMP			↑		
96	329.132632	16:12	+31:03	3	9m	
97	COMP			↑		
98	329.134379	16:14	+31:08	3	10m	
99	COMP			↑		
100	329.136672	15:59	+31:12	3	10m	em
101	COMP			↑		
102	329.142855	15:55	+31:29	3	10m	
103	COMP			↑		
104	329.144217	16:02	+31:33	3	10m	wk
105	COMP			↑		
106	329.142204	15:53	+31:24	3	10m	seeing ~3"
107	COMP			↑		
108	329.138047	15:50	+31:14	3	15m	
109	COMP			↑		
110	329.141809	16:15	+31:27	3	15m	
111	COMP			↑		
112	329.137047	16:19	+31:14	3	12m	
113	COMP			↑		
114	329.137582	16:13	+31:16	3	15m	
115	COMP			↑		
116	329.137617	16:13	+31:16	3	15m	
117	COMP			↑		
118	329.142439	16:14	+31:29	3	15m	less wind = better seeing = 700 +
119	COMP			↑		
120	329.142484	16:08	+31:30	3	10m	
121	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Geller/Kwanji

Spectrograph: FAST
 Grating: 300L
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
122	329.142884	16:06	+31:30	3	14m	
123	COMP			↑		
124	awmS-13	16:57	+27:52	35	8m	
125	COMP			↑		
126	awmS-14	16:57	+28:01	35	15m	great seeing finally at ast twilight
127	COMP			↑		
128	awmS-46	16:56	+28:09	35	9m	em +
129	COMP			↑		
130-132	CICney	19:50	+35:41	12	1m/20s, 2s	
133	COMP			↑		
134-136	HD 192251	20:10	40:07	0	5s	
137	COMP			↑		
138-139	HD 177230S	19:03	-04:49	0	20s	bin by 2 center + E
140	COMP			↑		
141-142	Comet HB	19:10	-13:09	0	4s,	nuc=141; tail=142
143	COMP			↑		
144-146	HD 17432S	18:50	-07:54	0	1s	
147	COMP			↑		clear at dawn
148-150	HD 184930	19:36	-06:17	0	1s	
151	COMP			↑		
152-154	HD 18491S	19:36	-07:01	0	1s	
155	COMP			↑		
156-165	BIAS			0	0s	bin by 4
166-175	FLAT			0	6s	bin by 4
176-185	BIAS			0	0s	bin by 2
186-195	FLAT			0	12s	bin by 2
196-199	DARK					