

*FAX to Susan Tokarz pg 1 of 5*

60 inch Telescope Log

Observer: P. Berlind

PI: Huchra

Spectrograph: *FAST*

Grating: *3002*

Date: *7/12/97*

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	
11-20	FLAT			0	6s	
21-30	BIAS			0	0s	bin by 2
31-40	FLAT			0	12s	bin by 2
41-45	sky			57	2s	
46	COMP			↑		clear skies!
47-49	HD125162	14:16	+46:05	57	0.5s	bright moon
50	COMP			↑		
51-53	HD123657	14:07	+43:51	57	0.5s	
54	COMP			↑		
55-57	HD124752	14:42	+67:35	57	6s	
58	COMP			↑		
59-61	HD147395	16:16	+67:14	57	6s	
62-64	HD147395N	16:16	+67:14	57	15s	
65	COMP			↑		
66-67	Ferrel6	12:30	+85:04	56	45s	
68	COMP			↑		
69	N4151	12:08	+89:41	6	35s	
70	COMP			↑		
71	N4258	12:16	+47:34	6	25m	
72	COMP			↑		
73	H214	13:21	+76:23	56	25m	
74	COMP			↑		
75	N5518	14:15	+85:22	6	3m	
76	COMP			↑		
77	MRK279	13:51	+69:33	6	3m	
78	COMP			↑		
79	13002p8003	13:00	+80:23	1	4m	wk on
80	COMP			↑		
81	13000p8019	13:40	+80:19	1	4m	

60 inch Telescope Log

Observer: PB

PI: Huchra/Geller

Spectrograph: F15T

Grating: 300L

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Date: 7/12/97

Number	Object	R.A.	Dec.	L/R	Exp	Comments
82	13010p8017	13:01	+80:17	1	4m	em
83	COMP			↑		
84	12570p8123	12:57	+84:23	1	7m	em
85	COMP			↑		
86	13031p7838	13:03	+78:38	1	6m	em
87	COMP			↑		
88	13069p7350	13:06	+73:50	1	4m	
89	COMP			↑		
90	N002345	14:49	+49:14	60	5m	em +
91	COMP			↑		
92	Z000969	14:22	+50:30	60	2m	
93	COMP			↑		
94	Z011838W	14:24	+35:16	60	5m	
95	Z011858S	14:24	+35:16	60	5m	
96	COMP			↑		
97	Z011838E	14:24	+35:16	60	10m	em + cosmic
98	COMP			↑		
99	0000102	14:20	+77:47	60	1hr	em!
100	COMP			↑		
101	A000576N	14:28	+16:11	60	6m	
102	A000576S	14:28	+16:11	60	7m	
103	COMP			↑		
104	Z008120N	14:28	+15:24	60	5m	
105	Z008420S	14:28	+15:24	60	5m	em
106	COMP			↑		
107	Z014154E	14:34	+48:39	60	5m	AGN!!
108	Z014154W	14:34	+48:39	60	8m	em
109	COMP			↑		
110	Z009713E	14:40	+09:27	60	5m	Ha!!
111	Z009713W	14:40	+09:27	60	7m	bright sky !!!

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>5581</u>	
Observer: <u>PB</u>			Grating: <u>302</u>			
Pl: <u>Geller</u>			Date: <u>7/12/97</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
112	COMP			r		H <sub>2</sub>
113	B000166	14:24	+08:16	60	6m	em; wk; moon too bright p12 2025
114	COMP			r		
115	Z009715ED	14:42	+08:39	60	5m	E+W comps; em both
116	COMP			r		W = row 12
117	A00559N	14:42	+08:45	60	6m	
118	A00559S	14:42	+08:45	60	5m	
119	COMP			r		
120	Z002616N	14:44	+12:07	60	4m	wk em
121	Z002616S	14:44	+12:07	60	6m	
122	COMP			r		
123	Z01130Z	14:46	+08:29	60	7m	em!
124	COMP			r		
125	A000884	14:46	+10:31	60	7m	em
126	COMP			r		
127	Z003894E	14:47	+11:35	60	4m	
128	Z003894S	14:47	+11:35	60	5m	* to W
129	COMP			r		
130	Z003894W	14:47	+11:35	60	6m	
131	Z003894N	14:47	+11:35	60	5m	
132	COMP			r		
133	Z008292E	14:47	+13:39	60	5m	
134	Z008293M	14:47	+13:39	60	5m	
135	Z008293S	14:47	+13:39	60	5m	
136	COMP			r		
137	17215p041	17:21	+08:41	1	14m	LSB wk em
138	COMP			r		
						fine for Shapiro Spectrophotometry

60 inch Telescope Log

Observer: PB

PI: Shapiro et al

Spectrograph: FAST

Grating: 300R, 5" slit

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Date: 7/12/97

Number	Object	R. A.	Dec.	L/R	Exp	Comments
139-141	HD192281	20:10	+40:07	98	7s	PA=180°; sec z=1.01
142	COMP			↑		tilt=60; filter=126-760; focus=840
142-144	Cyg OB2#9	20:31	+40:01	98	2m	PA=36; sec z=1.02
145-146	Cyg OB2#9	"	"	98	1m	
147	COMP			↑		
148-149	Wolf 1516	20:32	+24:53	98	3m	PA=180°; sec z=1.01
150	COMP			↑		
151-160	FLATR	- filter =	6:6495	filter =	827	focus = 840
16-162	Wolf 1346R	20:32	+24:53	98	6m	PA=20° sec z=1.01
163	COMP			↑	1s	
164-166	HD19251R	20:10	+40:07	98	7s	PA=120° sec z=1.02
167	COMP			↑		
168-169	BD 28521R	21:48	+28:57	98	3m	PA=105° sec z=1.02
170	COMP			↑		
171-173	HD21706R	22:51	+62:57	98	7s	PA=90° sec z=1.23
174	COMP			↑		→ needed to avoid companion star.
175-176	FergelloR	23:17	-05:26	98	6m	PA=140° sec z=1.5
177	COMP			↑		
178-179	Fergello	23:17	-05:26	98	3m	PA=150° sec z=1.4 Blue
180	COMP			↑		126-760; focus=840; tilt=60
181-183	HD21706b	22:51	+62:57	98	7s	PA=90°; sec z=1.20
184	COMP			↑		
185-186	BD 28521I	21:48	+28:57	98	1m	PA=90°; sec z=1.00
187	COMP			↑		
188	PG 1706p602	17:08	+60:13	98	10m	PA=90°; sec z=1.65
189	COMP			↑		
190-192	HD192281	20:10	+40:07	98	7s	PA=100°; sec z=1.1
193	COMP			↑		
194-199	HR 8703	22:53	+16:50	98	1s, 2s	PA=150°; sec z=1.06
200	COMP			↑		

Blue

Red

Blue

60 inch Telescope Log

Observer: PB

PI: Shapoval

Spectrograph: FAST

Grating: 300, 5" slit

Date: 7/12/97

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
201-202	Wol 1346	20:32	+24:53	98	3m	PA=62°; sec z=1.07
203	COMP			↑		
204-209	HR8703	22:53	+16:50	98	1s, 10s	PA=160°; sec z=1.05
210	COMP			↑		try to get far blue signal!
211-212	Feyjello	23:17	-05:26	98	3m	PA=168°; sec z=1.3
213	COMP			↑		
214-215	FeyjellOR	23:17	-05:26	98	6m	PA=163°; sec z=1.3
216	COMP			↑		filter=6.495; focus=860; filter
217-219	HR8703R	22:53	+16:50	98	1s	PA=172°; sec z=1.03
220	COMP			↑		
221-223	HD 17066R	22:54	+62:27	98	7s	PA=90° (toward); sec z=1.17
224	COMP			↑		
225-226	Wol 1346R	20:32	+24:53	98	6m	PA=67°; sec z=1.16
227	COMP			↑		
228-229	HR8703R	22:53	+16:50	98	1s	PA=11°; sec z=1.01
231	COMP			↑		
232-241	FLATR			98	5s	
242-244	HR8703	22:53	+16:50	98	1s	PA=15°; sec z=1.04
245	COMP			↑		
246-247	Feyjello	23:17	-05:26	98	3m	PA=180°; sec z=1.25
248	COMP			↑		
249-250	BDp 284211	21:48	+28:57	98	1m	PA=70°; sec z=1.06
251	COMP			↑		
252-254	HD 92251	20:10	+40:07	98	7s	PA=87°; sec z=1.30
255	COMP			↑		
256-258	HD 21066	22:54	+62:27	98	7s	PA=166°; sec z=1.18
259	COMP			↑		
260-279	FLATB			98	5s	clear @ dawn!
280-289	FLATS			0	0s	
290-299	FLAT	normal	setup		6s	filter=607; no filter; focus=960
300	COMP					

Red

Blue