

Fax to Susan Tokarz
 pg 1 of 6

60 inch Telescope Log

Observer: P BerlinPI: AllSpectrograph: FASTGrating: 300L, 35 slit, bin by 4Page: 5405Date: 4/29/97

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	zenith		57	2s	
46	COMP			↑	5s	
47-49	HD 71155	08:25	-63:54	57	1s	some thin clouds around
50	COMP			↑		
51-53	HD 74280	08:47	+03:23	57	1s	
54	COMP			↑		
59-63	HD 52971	06:57	+21:13	57	5s	
64	COMP			↑		
65-66	Foige 34	10:36	+4:3	57	1m	
67	COMP			↑		
68	N 4151	12:08	+39:41	6	30s	
69	COMP			↑		
70	N 4258	12:06	+47:34	6	2m	used 71 in comp. even though possible not
71	COMP	10:45	+12:50	↑		because very dim comp?
72-73	N 3579	10:45	+12:34	57	2m	
74	COMP			↑		
75-76	HD 62910	07:44	-37:54	57	1m	
77	COMP			↑		
78-79	HD 65565	07:59	-28:44	57	90s	
80	COMP			↑		
81	13024 p 2518	13:02	+05:48	1	4m	
82	COMP			↑		
83	12367 p 042E	12:36	+01:42	1	8m	
84	12367 p 042W	12:36	+01:42	1	9m	
85	COMP			↑		

55-57. HD 62285

58 comp

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>5406</u>	
Observer: <u>PB</u>			Grating: <u>3002</u>			
PI: <u>Kirshner/Huchra/Boller</u>			Date: <u>4/29/97</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
86	SN 1997bn	08:19	+21:11	2	20m	bin by 2
87	COMP			↑		
88	SN. Ab 128	11:22	+01:11	2	20m	bin by 2
89	COMP			↑		
90	11064 p 1828	11:06	+48:28	1	8m	LSB - em!
91	COMP			↑		bin by 2; nearby *
92	11179 p 341	11:17	+63:41	1	10m	em
93	COMP			↑		
94	11180 p 69:44	11:18	+69:44	1	6m	
95	COMP			↑		
96	11184 p 69:34	11:18	+69:34	1	5m	
97	COMP			↑		
98	11210 p 5805	11:21	+58:05	1	5m	
99	COMP			↑		
100, 102	SN 1997cb	11:03	+78:54	2	20m	
101, 103	COMP			↑		
104-106	HE 44	13:21	+36:23	SG	90s	
106	COMP			↑		
107	Z007392E	13:02	+27:38	60	3m	
108	Z007392W	13:02	+27:38	60	4m	
109	COMP			↑		
110	Z013786	13:02	+28:12	60	5m	em
111	Z008585S	13:02	+28:13	60	3m	
112	Z008585N	13:02	+28:13	60	5m	
113	COMP			↑		
114	Z004121E	13:02	+50:26	60	4m	nice spectra! WKA emission
115	Z004121W	13:02	+50:26	60	7m	em
116	COMP			↑		
117	Z009106	13:02	+28:02	60	3m	
118	COMP			↑		

60 inch Telescope Log

Observer: PBPI: Kirshner/Huchra/Geller/WilkensSpectrograph: FASTGrating: 30RPage: 5407Date: 4/29/97

Number	Object	R.A.	Dec.	L/R	Exp	Comments
119	SN1997by	13:27	-27:18	2	20m	Abell 1736 cD host
120	COMP			↑		
121	12593p0541	12:59	+05:41	1	10m	
122	COMP			↑		
123	12593p0516	12:59	+05:16	1	10m	
124	COMP			↑		
125	13301p0107	13:30	+01:07	1	6m	
126	COMP			↑		
127	Z013038	13:04	+03:45	60	5m	
128	COMP			↑		
129	N002617N	13:05	+07:35	60	5m	
130	N002617S	13:05	+07:35	60	9m	em
131	COMP			↑		
132	Z011124E	13:13	+06:57	60	3m	
133	Z011124W	13:13	+06:57	60	3m	em
134	COMP			↑		
135	B000163N	13:14	+10:01	60	6m	em
136	B000163S	13:14	+10:01	60	6m	em
137	COMP			↑		
138	Z009687	13:15	+12:53	60	6m	em
139	COMP			↑		
140	Z013763E	13:07	+26:43	60	3m	
141	Z013763W	13:07	+26:43	60	3m	em
142	COMP			↑		
143	N5548	14:15	+25:22	6	3m	
144	COMP			↑		
145	MRK219	13:51	+67:33	6	2m	
146	COMP			↑		
147	1310p0502	13:10	+50:50	1	5m	
148	COMP			↑		

60 Inch Telescope Log

Observer: PBPI: GellerSpectrograph: FASTGrating: 302Page: 5408Date: 4/29/97

Number	Object	R.A.	Dec.	L/R	Exp	Comments
149	13226p4356	13:22	+43:56	1	12m	
150	COMP			↑		
151	A000929	13:17	+20:33	60	4m	em
152	Z011553N	13:17	+20:32	60	3m	
153	Z011553S	13:17	+20:32	60	5m	
154	COMP			↑		
155	Z006314E	13:20	+33:08	60	3m	
156	Z006314W	13:20	+33:08	60	3m	
157	COMP			↑		
158	Z005357N	13:21	+22:25	60	9m	
159	Z005357S	13:21	+22:25	60	3m	
160	COMP			↑		circus clouds
161	Z006138N	13:48	+45:25	60	4m	em+
162	Z006138S	13:48	+45:25	60	4m	em
163	COMP			↑		
164	N002229E	13:48	+25:43	60	3m	
165	N002229W	13:48	+25:43	60	4m	
166	COMP			↑		
167	Z005360N	13:50	+21:57	60	3m	
168	Z005360S	13:50	+21:57	60	4m	
169	COMP			↑		
170	N002299	13:50	+24:40	60	5m	very LSB + large; redder than
171	COMP			↑		
172	Z008679E	13:44	+37:09	60	4m	em
173	Z008679W	13:44	+37:09	60	3m	
174	COMP			↑		stellar nucleus
175	Z002705	13:54	+33:35	60	2m	pec; strong H abs !!
176	Z002705N	13:54	+33:35	60	7m	em
177	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>5409</u>		
Observer: <u>PB</u>		Grating: <u>30R</u>				
PI: <u>Geller</u>		Date: <u>4/25/97</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
178	Z01379	13:54	+30:53	60	4m	
179	COMP			↑		
180	MRKSOI	16:53	+39:45	6	6m	
181	COMP			↑		
182	NG675N	16:28	+40:45	1	4m	
183	NG675S	16:26	+40:45	1	4m	
184	COMP			↑		
185	Z01145Z	16:02	+16:25	60	8m	
186	COMP			↑		
187	Z0034M N	16:02	+16:20	60	3m	
188	Z0034M S	16:02	+16:20	60	3m	
189	COMP			↑		
190	AC00909	16:02	+16:07	60	3m	
191	COMP			↑		
192	N001341	16:03	+25:04	60	3m	
193	COMP			↑		
194	Z003418	16:04	+17:45	60	4m	
195	Z003418	16:04	+17:45	60	4m	
196	COMP			↑		
197	Z013450	16:04	+16:28	60	4m	
198	COMP			↑		
199	Z000860	16:04	+16:54	60	3m	
200	COMP			↑		
201	ZC390.3	18:45	+78:43	6	6m	
202	COMP			↑		
203-205	CIC 888	19:50	+95:41	12	2m, 20s, 2s	
206	COMP			↑		
207-211	HDR2281	20:10	+10:07	56	5s	
212	COMP			↑		
213-215	HDR68461	18:20	-72:10	57	10s	

Cirrus all over 2 diam

