

60 inch Telescope Log

Observer: ABerlind

PI: Huchra

Spectrograph: FAST

Grating: 3002

Date: 11/24/97

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-5	DARK				15s	bin by 4
6-9	DARK				15s	bin by 2
10-19	BTAS				0s	bin by 4
20-29	FLAT				6s	"
30-39	BTAS				0s	bin by 2
40-49	FLAT				17s	"
50-54	sky	Zenith			2s	scattered clouds cirrus
55	COMP				6s	some controller is broken
56-58	HD 92291	20:10	+40	S6	4s	must max manually tonight
59	COMP			↑		
60-61	CSC 78	19:50	+3541	12	1s, 30s	
62	COMP			↑		
63	BDP 25424	21:46	+2637	S6	40s	
64	COMP			↑		
65-66	ZAD	23:33	+45:45	12	0.5s, 1.5s	
67	COMP			↑		
68	N7469	23:03	+48:52	6	2hr	
69	COMP			↑		
70	2M J183930	18:39	+13:16	68	7m	em; extended em to E
71	COMP			↑		
72	2M J183921	18:39	+14:19	68	10m	em! wk pr 2002
73	COMP			↑		
74	2M J184008	18:40	+15:13	68	12m	supr <del>---</del> & off-slit
75	COMP			↑		* 5m slit; highly reddened;
76	2M J184011	18:40	+15:20	68	12m	wk but a few obs features *'s
77	COMP			↑		
78	SN 1997dt	23:20	+15:59	2	20m	
79	COMP			↑		
80	Fergello	23:17	-06:26	S6	90s	
81	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Andi

Spectrograph: FAST

Grating: 2002

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Date: 11/24/97

Number	Object	R.A.	Dec.	L/R	Exp	Comments
82	5196062-50	00:16	+29:52	S9	17m	removed cosmetics from sensitive plates
83	COMP			r		
84	62.46	00:17	+29:57	S9	10m	
85	COMP			r		
86	62.47	00:17	+30:41	S9	12m	redo from 11/22 4:00
87	COMP			r		
88	62.48	00:17	+30:38	S9	10m	
89	COMP			r		
90	62.53	00:16	+30:03	S9	9m	
91	COMP			r		
92	62.54	00:18	+29:54	S9	10m	
93	COMP			r		
94	62.55	00:18	+29:58	S9	15m	* to E em
95	COMP			r		
96	62.56	00:18	+29:41	S9	9m	
97	COMP			r		
98	62.57	00:18	+30:04	S9	21m	
99	62.60	00:18	+30:04	S9	21m	
100	COMP			r		
101	62.58	00:18	+29:51	S9	15m	
102	COMP			r		
103	62.59	00:18	+30:02	S9	4m	
104	62.63	00:18	+30:02	S9	3m	increasing clouds passing through
105	COMP			r		
106	62.64	00:18	+30:03	S9	21m	
107	62.66	00:18	+30:02	S9	21m	* to E
108	COMP			r		
109	62.62	00:18	+29:17	S9	9m	
110	COMP			r		
111	62.64	00:18	+29:17	S9	14m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>5812</u>	
Observer: <u>PD</u>			Grating: <u>300L</u>		Date: <u>11/24/97</u>	
PI: <u>Andy Geller</u>						
Number	Object	R.A.	Dec	L/R	Exp	Comments
112	COMP			↑		
113	5946062.65	00:18	+29:50	S9	14m	clearing ok
114	COMP			↑		
115	62.68	00:18	+29:55	S9	15m	
116	COMP			↑		
117	62.67	00:18	+29:46	S9	8m	
118	COMP			↑		
119	62.76	00:19	+29:52	S9	14m	
120	COMP			↑		
121	MRK335	00:03	+19:55	6	3m	
122	COMP			↑		
123	468.079817	01:31	+14:42	S5	9m	
124	COMP			↑		
125	468.080539	01:31	+14:44	S5	7m	
126	COMP			↑		
127	468.083198	01:56	+14:54	S5	5m	emitt
128	COMP			↑		
129	469.078852	01:54	+13:52	S5	4m	
130	COMP			↑		
131	469.000491	2:13	+09:36	S5	5m	
132	COMP			↑		
133	469.009505	02:09	+10:08	S5	4m	
134	COMP			↑		
135	469.078407	02:12	+13:55	S5	9m	
136	COMP			↑		
137	469.085178	02:16	+14:17	S5	9m	wk
138	COMP			↑		
139	469.089467	02:01	+14:26	S5	9m	
140	COMP			↑		
141	469.088656	02:11	+14:30	S5	9m	

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>PB</u>			Grating: <u>300L</u>		Page: <u>58/13</u>	
PI: <u>Kenny Geller &amp; Kirshner</u>			Date: <u>11/24/97</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
142	COMP			↑		
143-4	AXPer	01:36	+51:15	12	3s, 70s	
145	COMP			↑		
146	5196119.39	01:56	+05:48	59	4m	
147	COMP			↑		
148	119.40	01:56	+01:06	59	15m	
149	COMP			↑		
150	ZW02192	02:33	+09:36	60	2m	
151	COMP			↑		
152	Z00779	02:36	+10:25	60	10m	extended decent; wk, wkem you want
153	COMP			↑		
154	ZW0782	02:38	+10:13	60	6m	wkem
155	COMP			↑		comp weak; used engway
156	ZW01091	02:42	+12:34	60	1m	
157	COMP			↑		
158	N003305	02:46	+12:02	60	7m	em
159	COMP			↑		
160	N000557	02:49	+11:27	60	2m	
161	COMP			↑		
162	Z005682	02:51	+11:31	60	2m	
163	COMP			↑		
164	SN1997do	07:26	+47:05	2	15m	bin by 2
165	COMP			↑		
166	ZW04822	04:47	+12:51	60	10m	good em; wk cont
167	COMP			↑		another band of clouds
168	Z012257	04:58	+16:07	60	4m	running through
169	COMP			↑		close for 45-min
170-171	DG Tan	04:27	+26:06	12	10s, 10s	
172	COMP			↑		NO GOOD
173-174	DL Tan	04:33	+25:10	12	10s, 10s	

used Comp in file 178 for 170, 171, 173 + 174

60 inch Telescope Log

Observer: PB

PI: Huchra

Spectrograph: FAST

Grating: 3WE

Date: 11/24/97

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
175	COMP			↑		NO GOOD
176-177	DRTan	04:47	+16:58	12	10s, 75s	
178	COMP			↑		
179	Hiltner 60	06:42	+02	56	45s	
180	COMP			↑		
181	ZOO 784	05:08	-00:38	60	3m	
182	COMP			↑		
183	ZW 6644	05:25	+10:25	60	2hr	
184	COMP			↑		sky is better than overall night! em
185	C0703 p14	07:03	+14:56	43	15m	
186	COMP			↑		
187	C0653 p16	06:53	+16:52	43	8m	bin by 2; sept to E - close
188	COMP			↑		good em galaxy
189	C0634 p24	06:34	+14:27	43	15m	oh boy - no em - redshift ok
190	COMP			↑		
191	C0635 p10	06:35	+10:17	43	5m	star w/ blue D <sub>417</sub>
192	COMP			↑		major extended emission!
193	C0636 p26A	06:36	+16:36	43	15m	500 ems cont.; 10,000 ems the good part
194	COMP			↑		
195	C0648 p25A	06:48	+15:46	43	10m	galaxy, em
196	COMP			↑		more cirrus
197	C0710 p06A	07:10	+06:58	43	8m	
198	COMP			↑		
199	07575 p5543	07:57	+55:43	43	4m	
200	COMP			↑		
201	07581 p5509 E	07:58	+55:09	43	9m	em - med.
202	07581 p5509 W	07:58	+55:09	43	8m	nice one
203	COMP			↑		
204	07579 p4419	07:57	+14:19	43	4hr	
205	COMP			↑		

<p>60 inch Telescope Log</p> <p>Observer: <u>PD</u></p> <p>PI: <u>Geller &amp; Kirshner</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>300R</u></p> <p>Date: <u>11/24/97</u></p> <p style="text-align: right;">Page: <u>5815</u></p>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
206	N001839	06:15	+66:50	60	8m	
207	COMP			↑		
208	Z007596	06:34	+52:07	60	2m	
209	COMP			↑		
210	Z011997	06:46	+46:24	60	5m	* low
211	COMP			↑		
212	SN1997dg	11:40	+11:28	2	15m	
213	COMP			↑		
214	Z011476	06:58	+75:01	60	3m	* low
215	COMP			↑		
216	Z009977	06:52	+31:17	60	2m	
217	COMP			↑		clouds
218	Z008449	07:15	+26:05	60	6m	
219	COMP			↑		
220	Z001115	07:02	+67:50	60	4m	3m stopped short - clouds but ok
221	COMP			↑		
222	HDA30	08:46	+18:07	57	4m	
223	COMP			↑		
224	N3379	10:45	+12:50	57	2m	lots of clouds
225	COMP			↑		NO GOOD @ dawn
226	N4151	12:00	+37:11	6	30s	
227	COMP			↑		
228-229	Fog 34	10:34	+43:21	56	1m	
230	COMP			↑		
24-240	BIAS			0	0s	
241-250	FLAT			0	6s	
251-260	BIAS			0	0s	bin by 2
261-270	FLAT			0	12s	bin by 2
271-280	DARK			0	15m	bin by 4