

60 inch Telescope Log

Observer: P. Berline & B. Carter

PI: Scott

Spectrograph: EAST

Grating: 300R

Date: 2/21/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	DARK				15m	
6-10	DARK				20m	bin by 2
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	BIAS				0s	bin by 2
41-50	FLAT				120	bin by 2
51-60	FLAT	1.1" slit			20s	1.1
61-65	sky	3" slit	zenith		2s	solid strato-cirrus
66	COMP			↑	6s	
67-68	AKR	01:36	+54	12	6s, 9s	
69	COMP			↑		
70-71	DGTan	4:27	+26	12	25s, 180s	
72	COMP			↑		
73-74	DLTan	4:33	+25	12	60s, 570s	
75	COMP			↑		lots of clouds
76-77	DRTan	4:47	+16	12	30s, 180s	
78	COMP			↑		
79-80	RWAur	5:07	+30	12	10s, 60s	
81	COMP			↑		
82-83	NGC 1700	4:56	-4	57	300s	vel std
84	COMP			↑		
85	AKN 120	5:16	-0	6	360s	AGN
86	COMP			↑		
87-89	HD 245770:	05	+25	77	45s	1.1" slit
90	COMP			↑		
91, 93	ZM 04057	04:04	+20:02	68	12m, 20m	Saint, so tried again
92	COMP			↑		
94	COMP			For #93		
95	ZM 04 0334.7	4:03	+23:58	68	15m	still faint
96	COMP			↑		

60 inch Telescope Log

Observer: P. Berlind & B. Carter

PI: Andi

Spectrograph: FAST

Grating: 300L

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Date: 2/21/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
97	nr gb 004.02	8:35	+25	59	15m	nailed it! strong emission
98	COMP			↑		
99	nr gb 004.09	8:37	+24:56	59	8m	
100	COMP			↑		
101	nr gb 004.12	8:37	+24:59	59	5m	strong absorption lines
102	COMP			↑		
103	nr gb 004.11	8:37	+24:36	59	15m	broad em?
104	COMP			↑		
105	nr gb 004.15	8:37	+25:10	59	5m	abs. lines
106	COMP			↑		
107	nr gb 004.13	8:37	+24:27	59	7m	abs. lines
108	COMP			↑		sky getting better? (still cloudy)
109	nr gb 004.14	8:37	+25:18	59	8m	H $\alpha$
110	COMP			↑		
111	nr gb 004.16	8:38	+25:02	59	8m	abs. lines
112	COMP			↑		
113	nr gb 004.10	8:37	+26:01	59	15m	(faint!) <sup>strong</sup> emission lines
114	COMP			↑		
115	nr gb 004.07	8:36	+25:08	59	12m	a bit faint - nucleus only?
116	COMP			↑		
117	nr gb 004.06	8:36	+25:06	59	800s	emission lines
118	COMP			↑		
119	nr gb 004.05	8:36	+25:36	59	15m	
120	COMP			↑		
121	N001747	11:05	+28:41	75	270s	star on slit to E
122	COMP			↑		
123	Z010011	11:06	+29:55	75	5m	
124	COMP			↑		
125	Z00764	11:06	+28:17	75	3m	
126	COMP			↑		

60 inch Telescope Log

Observer: P. Berlind, B. Carter

PI: Barbara

Spectrograph: FAST

Grating: 3002

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
127	A 000940	11:07	+28:35	75	6m	bar? along slit 195
128	COMP			↑		
129	Z007365	11:07	+28:31	75	3m	196
130	COMP			↑		
131	Z013714	11:08	+28	75	3m	197
132	COMP			↑		
133	Z011659	11:08	+28:50	75	4m	198
134	COMP			↑		
135	Z008554	11:08	+28:28	75	3m	199
136	COMP			↑		
137	A000747	11:08	+26:36	75	6m	extended 200
138	COMP			↑		
139	Z011660	11:09	+28:40	75	3m	
140	COMP			↑		
141	Z007367	11:10	+28:39	75	3m	
142	COMP			↑		
143	Z004594	11:10	+28:32	75	3m	
144	COMP			↑		
145	Z015716	11:10	+27:05	75	5m	Hx
146	COMP			↑		
147	Z003469	11:11	+26:57	75	4m	East (Main) 205
148	COMP			↑		
149	Z003469	11:11	+26:57	75	5m	West (Companion) 205
150	COMP			↑		
151	Z006242	11:12	+27:35	75	210.5	201
152	COMP			↑		
153	Z005389	11:12	+28:29	75	6m	20
154	COMP			↑		
155	Z007372	11:12	+27:26	75	8m	20
156	COMP			↑		

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Observer: <u>P. Berlind, B. Carter</u>			Grating: <u>3002</u>			Date: <u>2/21/98</u>
PI: <u>Kirshner</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
157	2013721	11:12	+28	75	5m	109
158	COMP			↑		
159	2003999	11:13	+27:49	75	4m	110
160	COMP			↑		
161	2007373	11:13	+30:36	75	200s	windy 111
162	COMP			↑		
163	2013722	11:14	+27:14	75	7m	112
164	COMP			↑		
165	SN 1997 eg	13:11	+22:55	2	20m	binby2
166	COMP			↑	12s	"
167	SN 1998 D	14:03	+34:44	2	20m	binby2
168	COMP			↑	12s	"
169	a1367.2605	11:39	+20:00	64	7m	binby4 86
170	COMP			↑		
171	a1367.2619	11:43	+17:56	64	6m	redo from 2/2 87
172	COMP			↑		
173	a1367.2621	11:43	+20:00	64	8m	increasing clouds 88
174	COMP			↑		
175	a1367.2656	11:53	+19:57	64	8m	faint! autoguiding 90
176	COMP			↑		
177	a1367.2661	11:31	+19:42	64	10m	faint! can't autoguide 91
178	COMP			↑		
179	a1367.2664	11:33	+19:44	64	7m	92
180	COMP			↑		
181	a1106.2666	11:33	+19:47	64	12m	* ? yesterday - can't redo object
182	COMP			↑		
183	.2693	11:44	+19:47	64	15m	
184	COMP			↑		
185	.2695	11:44	+19:48	64	15m	
186	COMP			↑		

173. plots - pictures at back

60 inch Telescope Log

Observer: P. Berlind, B. Carter

PI: All

Spectrograph: FAST

Grating: 3001

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
187	Z 013739	12:42	+26:38	75	5m	395
188	COMP			↑		
189	Z 003 008	12:43	+27:42	75	8m	lousy seeing - emission lines 397
190	COMP			↑		
191	Z 004 605	12:43	+31:05	75	5m	spiral (bar?) 398
192	COMP			↑		
193	Z 000023	12:43	+32:10	75	5m	star in slit to west? <sup>proton</sup> Huge sprawling mess (?) 399 <sub>at back</sub>
194	COMP			↑		
195	A 000 605	12:44	+26:25	75	210s	low counts; emission! 400
196	COMP			↑		
197	Z 000343	12:45	+27:07	75	210s	emission lines 401
198	COMP			↑		
199	N4151	12		6	30s	
200	COMP			↑		
201	N41051	12		6	3m	
202	COMP			↑		
203	N4258	+12		6	3m	
204	COMP			↑		
205	MRK 279	13:5	+69	6	3m	
206	COMP			↑		
207	N5548	14:15	+25:22	6	3m	lots of clouds
208	COMP			↑		
209-210	Feyze 98	14:36	+07:29	56	3m	
210	COMP			↑		
211	BDP332642	15:50	+330s	56	1m	
212	COMP			↑		
213	HE14	13:21	+26:23	56	3m	
214	COMP			↑		
215-216	AG Dra	16:44	+65:48	12	4, 30s	
217	COMP			↑		

218-227  
228-237  
238-247  
248-257

BIAS  
FLAT  
BIAS  
FLAT

0s  
6s  
0s  
12s