

60 inch Telescope Log

Observer: P Berlin

PI: Kirshner

Spectrograph: EAST

Grating: 300 1/3" slit

Date: 6/24/98

Page: 6571

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-5	DARK				15m	
6-15	BIAS				0s	clear + hazy
16-25	FLAT				6s	
26-35	BIAS				0s	bin by 2
36-45	FLAT				12s	bin by 2
46-50	sky			57	2s	
51	COMP			↑	5s	
52-54	H244	13:21	+36:23	56	2m	1.02 8:20
55	COMP			↑		
56	N4151	12:08	+39:41	6	30s	
57	COMP			↑		
58	N5548	14:15	+25:22	6	3m	
59	COMP			↑		
60-61	AG Dra	16:01	+66:48	12	2s, 20s	
62	COMP			↑		
63	MRK 279	13:51	+69:33	6	3m	
64	COMP			↑		
65	COMP			↓		8:45
66-67	SN 1998bu	10:46	+11:50	2	10m	
68	COMP			↑		RT crash
69	SN 1998s	11:46	+47:28	2	15m	
70	COMP			↑		
71	ZM 141048.9	14:10	+44:23	68	4m	
72	COMP			↑		
73	ZM 141304.6	14:13	+20:24	68	2m	
74	COMP			↑		
75	ZM 141700.8	14:17	+17:05	68	3m	
76	COMP			↑		
77	ZM 141819.3	14:14	+12:20	68	7m	
78	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Huchra

Spectrograph: FAST

Grating: 300L

Date: 6/24/98

Page: 6372

Number	Object	R.A.	Dec.	L/R	Exp	Comments
79	ZM141739.7	14:17	+12:57	68	5m	
80	WMP			↑		
81	ZM141356.5	14:13	+11:59	68	6m	bright & nearby; uneven scattered light
82				↑		
83	ZM140137.1	14:01	+19:23	68	5m	
84				↑		
87	ZM140329.8	14:03	+17:58	68	5m	<div style="border: 1px solid black; padding: 2px; display: inline-block;">85 = ZM140323.1 5m 86 = comp ↑</div>
88	WMP			↑		visitors
89	ZM140146.1	14:01	+19:48	68	4m	
90	WMP			↑		
91-92	H244	13:21	+76:23	56	2m	sec 2 = 1.2 for Barbara C. Par = 85 PA = 90.0°
93	WMP			↑		
94	ZM141720.7	14:17	+17:35	68	5m	
95	WMP			↑		
96	ZM140311.3	14:03	+22:18	68	5m	
97	WMP			↑		
98	ZM141752.4	14:17	+17:02	68	5m	
99	WMP			↑		
100	ZM141037.0	14:10	+18:56	68	5m	
101	WMP			↑		
102	ZM141328.6	14:13	+17:45	68	5m	
103	WMP			↑		
104	ZM141535.4	14:15	+11:53	68	9m	
105	WMP			↑		
106	ZM1410158.3	14:01	+20:25	68	5m	
107	WMP			↑		
108	ZM141116.0	14:11	+17:43	68	6m	
109	WMP			↑		
110	ZM140152.6	14:01	+22:50	68	5m	
111	WMP			↑		

85 →

60 inch Telescope Log

Observer: PB
 PI: Huchra

Spectrograph: FAST
 Grating: 3002
 Date: 6/24/98

Page: 6373

Number	Object	R.A.	Dec.	L/R	Exp	Comments
112	ZM141253.3	14:12	+20:06	68	6m	
113	COMP			↑		
114	ZM141529.2	14:15	+14:37	68	7m	
115	COMP			↑		
116	ZM141116.1	14:11	+17:43	68	8m	
117	COMP			↑		
118/119	H244	13:21	+76	56	2m	for Barbara Carter secz=
120	COMP			↑		secz=1.70 PAR=75° PA=90°
121	ZM160533.2	16:05	+18:49	68	20m	redo from 4/26/98 (#199)
122	COMP			↑		
123/124	H244	13:21	+76	56	2m	PA=PA=70°; secz=1.99
125	COMP			↑		
126	ZM160525.5	16:05	+18:10	68	15m	
127	COMP			↑		
128	ZM160537.4	16:05	+15:20	68	15m	
129	COMP			↑		
130	ZM160525.3	16:05	+17:04	68	12m	to to W
131	COMP			↑		
132	ZM165954.4	16:59	+21:01	68	12m	bin by 2 2.5 cm
133	COMP			↑		
134	ZM172135.6	17:21	+18:57	68	7m	
135	COMP			↑		
136	ZM170027.3	17:00	+20:34	68	7m	
137	COMP			↑		
138	ZM172138.5	17:21	+18:49	68	15m	
139	COMP			↑		
140	ZM170005.7	17:00	+20:59	68	8m	
141	COMP			↑		
142	ZM170725.4	17:07	+21:55	68	9m	to to E
143	COMP			↑		

70°

60 inch Telescope Log

Observer: PB

PI: Jeff Mcgly Betsy

Spectrograph: FAST

Grating: 300

Date: 6/24/98

Page: 6374

Number	Object	R.A.	Dec.	L/R	Exp	Comments
144	COMP			↓		1.1" slit
145-6	4U1907 p09	19:09	+09:49	77	15m	
147	COMP			↑		
148-149	HD230579	19:01	+11:01	77	10-20s	
150	COMP			↑		
151	ZM1814L8	18:41	+15:18	68	20m	redo from 6/23/98 3" slit
152	COMP			↑		
153	Star1	22:08	+45:31	79	10m	
154	COMP			↑		
155	Sagal-214	20:30	-01:60	73	12m	
156	COMP			↑		
157	Sagal-213	20:30	-01:60	73	4m	82
158	COMP			↑		
159	Sagal 221	20:47	+10:25	73	10m	
160	COMP			↑		clear @ dawn
161	NY331	22:34	+34:09	57	30s	~
162	COMP			↑		
163	MRK335	00:05	+19:55	6	3m	
164	COMP			↑		
165	NY469	23:05	+08:52	6	25m	
166	COMP			↑		
167-168	TDp284211	21:48	+28:39	56	30s	
169	COMP			↑		
170-171	CICney	19:50	+35:41	12	20s/1s	
172	COMP			↑		
173-174	Zhd	23:33	+48:49	12	20s/1s	
175	COMP			↑		
176-185	BIAS				0s	
186-195	FLAT				6s	
196-205	BIAS				0s	

206-215 FLAT
 216-225 FLAT
 226-230 DARK

12s
 20s - 1.1" slit
 15min bin by 2