

60 inch Telescope Log
 Observer: PBerlin
 PI: Scott

Spectrograph: FAST
 Grating: 30R, 3° slit
 Date: 7/26/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-8	DARK				15m	
9-20	BIAS				0s	
21-30	FLAT				6s	Mostly clear!
31-40	BIAS				0s	
41-50	FLAT				12s	
51-55	sky			57	2s	
56	WMP			↑		
57-58	AGDm	16:01	+66:48	12	2s, 20s	
59	WMP			↑		
60-61	BDP 322642	15:50	+33:05	56	60s	
62	WMP			↑		
63	N5846	16:03	+01:47	57	2m	
64	WMP			↑		Seeing 50-50
65	N4151	12:08	+39:41	6	25s	
66	WMP			↑		
67	H244	13:21	+76:23	56	2m	
68	WMP			↑		
69	N5548	14:15	+75:22	6	3m	
70	WMP			↑		
71	ROXR1m4A	16:25	-25:43	74	3m	
72	WMP			↑		
73	ROXR1m38A	16:27	-24:19	74	24m	
74	WMP			↑		
75	ROXR1m2	16:25	-24:26	74	20s	
76	WMP			↑		
77	ROXR1m24	16:26	-24:20	74	3m	
78	WMP			↑		
79	ROXR1m53	16:27	-24:25	74	3m	
80	WMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Andi
 Spectrograph: FAST
 Grating: 302
 Date: 7/26/98
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
81	ROX R1m8	16:25	-24:39	74	5m	
82	COMP			↑		
83	SN1988eg	11:56	+55:07	2	15m	
84	COMP			↑		
85	MRK279	13:51	+69:33	6	3m	
86	COMP			↑		
87	ZMM1510.0EW	14:13	+12:11	68	8m	E+W comps; wide sep.
88	COMP			↑		rows 42 + 20 - em!
89	ZM1410158.4	14:01	+18:24	68	15m	
90	COMP			↑		poor seeing
91	ZM141541.3	14:13	+19:44	68	8m	
92	COMP			↑		
93	NGC388.040	16:22	+37:31	59	4m	pec jascly +s
94	COMP			↑		
95	.039	16:22	+37:10	59	6m	em high ex
96	COMP			↑		
97	041	16:22	+37:47	59	6m	
98	COMP			↑		
99	044	16:22	+37:47	59	5m	
100	COMP			↑		
101	042	16:22	+37:33	59	5m	
102	COMP			↑		seeing 2-3"
103	043	16:22	+38:02	59	6m	
104	COMP			↑		
105	045	16:22	+37:46	59	6m	
106	COMP			↑		
107	046	16:22	+37:58	59	4+m	
108	COMP			↑		
109	047	16:22	+37:56	59	4m	
110	COMP			↑		

60 inch Telescope Log
 Observer: AB
 PI: Jeff-John-Andi-Betsy
 Spectrograph: FAST
 Grating: 302
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
111	Mags 388.048	16:22	+38:09	S9	4m	
112	WMP			↑		
113	049	16:23	+37:55	S9	90s	* to E
114	WMP			↑		
115	050	16:23	+37:45	S9	4m	
116	WMP			↑		
117	051	16:23	+37:49	S9	5m	
118	WMP			↑		seeing better
119	052	16:23	+37:43	S9	8m	em
120	WMP			↑		
121	2M162832.1	16:28	+21:40	68	15m	em dx
122	WMP			↑		
123	2M165921.5	16:59	+22:02	68	8m	
124	WMP			↑		
125	WMP			↓		1.1" slit ↓
126,127	4U1907p09	19:09	+09:49	77	15m	
128	WMP			↑		
129-130	HD230579	19:01	+11:01	77	20+10s	
131	WMP			↑		
132	soqal 227-228	20:59	-01:53	73	20m	3" slit ↓ PA=22°
133	WMP			↑		2gals
134	soqal 228-239	21:49	+16:14	73	12m	PA=38°
135	WMP			↑		
136	soqal 233	21:16	+15:03	73	12m	PA=90° ↓
137	WMP			↑		
138	soqal 234	21:16	+15:02	73	8m	
139	WMP			↑		

132 + 134 - NO WAY FOR ME TO KNOW WHICH GALAXY IS WHICH.
 See charts at end of logs
 for info about idz

60 inch Telescope log

Observer: PB

PI: Kirshner & Green

Spectrograph: FAST

Grating: 300

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Date: 7/26/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
140	2M191256.7	19:22	+22:33	68	20m	many "objects" were stars for this list faint - obj to find galaxy gem!
141	COMP			↑		
142	2M193156.4	19:31	+35:26	68	10m	
143	COMP			↑		
144	2M193054.7	19:30	+29:56	68	12m	ok
145	COMP			↑		
146	SN1998dh	23:14	+04:32	2	10m	
147	COMP			↑		
148,9	Fairplay	23:17	-05	56	2m	
150	COMP			↑		
151,153	2311m068	23:11	-06:49	79	10m	5th C2!
152,154	COMP			↑		
156-56	BDp284211	21:48	+28:57	56	30s	
157	COMP			↑		
158,160	2352p401	23:52	+40:11	79	6m	high proper motion C2!
159,161	COMP			↑		
162	SN1998de	00:48	+07:57	2	20m	
163	COMP			↑		
164,165	0038p555	00:38	+55:33	79	3m	bm by 2; ... clean
166	COMP			↑		
167,169	0038p730	00:38	+73:01	79	12m	* to E high proper motion
168,170	COMP			↑		
171,172	0115p159	01:15	+15:55	79	3m	weak C2
173	COMP			↑		
174	MRK335	02:07	+19:55	6	3m	
175	COMP			↑		
176	N7469	23:03	+08:52	6	3m	
177	COMP			↑		
178-775	NGC	21:51	+12:57	12	0.5s/7s	
180	COMP			↑		

60 inch Telescope log

Observer: PBS

PI: Scott

Spectrograph: FAST

Grating: 302

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
181-182	CIC ₂	19:50	+35:41	12	23,40s	
183	COMP			↑		
184-185	ZAnd	23:33	+48:49	12	23,30s	
186	COMP			↑		
187-188	AXRr	01:36	+54:15	12	80s, 4s	
189	COMP			↑		
190-191	M31	00:39	+40:35	57	30s	
192	COMP			↑		
193-195	HD 217086	22:51	+62:27	56	4s	
196	COMP			↑		
197-199	HD 12623	02:02	+62:36	57	5s	
200	COMP			↑		a few clouds to E of down
201-210	BTAS				0s	
211-220	FLAT				6s	
221-230	BTAS				0s	
231-240	FLAT				17s	
241-250	FLAT				20s	1.1" slit - bin by 7
251-260	DARK				20m	bin by 2