

FAX to Susan Tokarz - pg 1 of 5

60 inch Telescope log

Observer: P. Berlin

PI: Kirshner

Spectrograph: FAST

Grating: 300R

Page: 5584

Date: 7/13/97

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BTAS			0	0s	
11-20	FLAT			0	6s	
21-30	BTAS			0	0s	bmbg 2
31-40	FLAT			0	12s	bmbg 2
41-45	SKY	zenith		57	2s	
46	COMP			↑	7s	clouds all day
47-48	Foxyz66	12:38	+25:20	56	45s	scattered cirrus
49	COMP			↑		bright moon
50-51	N4151	12:06	+39:41	6	35s, 70s	
52	COMP			↑		
53	N4258	12:16	+47:34	6	2m	
54	COMP			↑		
55	N4051	12:00	+44:48	6	2m	
56	COMP			↑		
57	H244	13:21	+76:23	56	3m	
58	COMP			↑		
59	N5518	14:15	+25:22	6	3m	
60	COMP			↑		
61	MRX27A	13:51	+69:53	6	3m	
62	COMP			↑		
63	13210 p 8038	13:21	+80:38	1	4m	
64	COMP			↑		
65	SN1997cx	10:05	+80:17	2	10m	bmbg 2
66	COMP			↑		exceeded telescope limits
67	13080 p 8002	13:08	+80:02	1	4m	em +
68	COMP			↑		
69	13076 p 7912	13:07	+79:12	1	12m	em em! LSB
70	COMP			↑		flk = pix 2006
71	13188 p 7110	13:18	+71:10	1	6m	em
72	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Huchra/Geller

Spectrograph: FAB

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Page: 5585

Date: 7/13/97

Number	Object	R.A.	Dec	L/R	Exp	Comments
73	B000088W	14:47	+16:47	60	6m	ok bright sky
74	B000088E	14:47	+16:47	60	7m	em! clouds
75	COMP			↑		
76	O000057E	14:50	+16:44	60	7m	em!
77	O000057W	14:50	+16:44	60	7m	em! finishes down 2 notebook!
78	COMP			↑		
79	13110 p 7128	13:11	+71:28	1	10m	em
80	COMP			↑		
81	13300 p 8045	13:30	+80:45	1	8m	good em pre 2116
82	COMP			↑		
83	13300 p 7256	13:30	+72:56	1	8m	em
84	COMP			↑		
85	17306 p 7251	13:30	+77:51	1	8m	em
86	COMP			↑		
87	13308 p 7806	13:30	+78:06	1	4m	em finishes JPH notebook
88	COMP			↑		
89	17160 p 8014	17:16	+80:14	1	6m	em
90	COMP			↑		
91/93	17179 p 4901	17:17	+49:01	1	4m	wow - AGN ala 3C390.3!
92	COMP			↑		
94	17192 p 5028	17:19	+50:28	1	5m	em
95	COMP			↑		
96	17195 p 5157	17:19	+51:57	1	4m	
97	COMP			↑		
98	17200 p 4917	17:20	+49:17	1	5m	em
99	COMP			↑		
100	17123 p 2307E	17:12	+23:07	1	4m	em
101	17123 p 2307N	17:12	+23:07	1	5m	
102	17123 p 2307W	17:12	+23:07	1	7m	em <u> </u>
103	COMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: _____
 Spectrograph: FAST
 Grating: 300R
 Date: 7/13/97
 Page: 586

Number	Object	R.A.	Dec.	L/R	Exp	Comments
104,105	17248p1627	17:24	+16:27		5m	bin by 2; bright to NW; em
106	COMP			↑		bin by 2 - beware scattered starlight
107	17341p1910	17:34	+19:10		7m	good em
108	COMP			↑		
109	17362p1148	17:36	+11:48		15m	LSB w/ em!
110	COMP			↑		w/ comp
111	17220p7206	17:22	+7:06		6m	em
112	COMP			↑		
113	17236p5656	17:23	+56:56		5m	full-fledged ring around gal
114	COMP			↑		(•)
115	17278p5713	17:27	+57:13		4m	em
116	COMP			↑		
117	17298p5623	17:29	+56:23		4m	
118	COMP			↑		
119	17305p5146	17:30	+56:46		4m	
120	COMP			↑		
121	17316p3646A	17:31	+36:46		4m	
122	17316p3646B	17:31	+36:46		6m	half of A to W
123	17316p3646D	17:31	+36:46		6m	
124	COMP			↑		
125	17316p3646E	17:31	+36:46		6m	
126	17316p3646F	17:31	+36:46		10m	em
127	COMP			↑		
128	17316p3646C	17:31	+36:46		9m	bin by 2 * to W
129	COMP			↑		also middle comp = galaxy (!) M *
130	17337p5047	17:33	+50:47		5m	em
131	COMP			↑		
132	17360p5415NW	17:36	+54:15		6m	em
133	17360p5415SE	17:36	+54:15		7m	em
134	COMP			↑		

6762

60 inch Telescope Log

Observer: PB

PI: Huchra, Krishnao

Spectrograph: FAST

Grating: 302

Date: 7/13/97

Page: 5587

Number	Object	R.A.	Dec.	L/R	Exp	Comments
135	17360p5502	17:36	+55:02		5m	em
136	COMP			↑		
137	17480p8309	17:48	+83:09		4m	em
138	COMP			↑		
139	17523p7448	17:52	+74:48		3m	em
140	COMP			↑		
141	17486p5531	17:48	+55:31		5m	em
142	COMP			↑		
143	17449p5719	17:49	+57:19		5m	
144	COMP			↑		
145	17510p5228	17:51	+52:28		4m	
146	COMP			↑		
147	17543p2622	17:54	+26:22		5m	wk
148	COMP			↑		
149	17561p6257	17:56	+62:57		5m	bright star to W, scattered light
150	COMP			↑		
151	17567p5427W	17:56	+54:27		7m	em
152	17567p5427E	17:56	+54:27		8m	em
153	COMP			↑		
154	17586p5223	17:58	+52:23		10m	em large cosmic ray blob on sky
155	COMP			↑		
156	18190p3807E	18:19	+38:07		6m	EW comps W=em
157	18190p3807W	18:19	+38:07		4m	
158	COMP			↑		
159	18404p7332	18:40	+73:32		5m	large LSB gal
160	COMP			↑	bad	good eml HE regions
161	19297p3546	19:29	+35:46		5m	em +; 2 comps
162	COMP			↑		2 CMBs sulphur 2 not black
163,165	SN1997cw	00:25	+12:53	2	15m	bm by 2
164,166	COMP			↑		

weak comp →

161 - second object (to west) is a star super posed on galaxy

60 inch Telescope Log

Observer: PB
 PI: Wilkes

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 Grating: 300L
 Date: 7/13/97

Page: 5588

Number	Object	R.A.	Dec.	L/R	Exp	Comments
167	MRK509	20:41	+05:54	6	3m	
168	COMP			↑		
169	N7469	23:03	+08:52	6	3m	
170	COMP			↑		
171	Ferje 110	23:17	-05:26	56	2m	
172	COMP			↑		
173	225m280	00:41	+41:05	59	4m	
174	COMP			↑		
175	MRK355	00:03	+19:55	6	4m	
176	COMP			↑		
177-178	BDp 284211	21:48	+29:37	56	1m	
179	COMP			↑		
180-182	CICug	19:50	+35:41	12	10s, 20s, 25s	
183	COMP			↑		
184-186	HD 197281	20:10	+40:57	56	5s	
187	COMP			↑		
188-197	BTAS			0	0s	a few clouds around
198-207	FLAT			0	6s	a dawn
208-217	BTAS			0	0s	my last FAST night 4/11 Sept!
218-227	FLAT			0	12s	