

*FAX  
2  
pg 1 of 4  
to Susan Toft*

60 inch Telescope Log  
Observer: P Berlin  
PI: Wikos/Huchra/Bandt

Spectrograph: FAST  
Grating: 3000  
Date: 6/4/97  
Page: 5472

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0	
11-20	FLAT			0	6s	
21-30	BIAS			0	0s	
31-40	FLAT			0	12s	
41-45	sky			57	2s	clear skies!
46	COMP			↑		
47-48	For 66	12:37	+25:01	56	45s	
49	COMP			↑		
50	N4151	12:08	+39:41	6	30s	
51	COMP			↑		
52	N4051	12:00	+44:48	6	2m	
53	COMP			↑		
54	N4258	12:16	+47:34	6	2m	
55	COMP			↑		
56	N5548	14:15	+25:22	6	3m	
57	COMP			↑		trace of rings in Comp
58	MRK279	13:51	+69:33	6	3m	
59	COMP			↑		
60	12088p7506	12:08	+75:06	1	5m	wk, wk em (pix 2033)
61	COMP			↑		
62	12085p6712	12:04	+67:12	1	6m	
63	COMP			↑		
64	12024p7626N	12:02	+76:26	1	4m	A
65	12024p7626S	12:02	+76:26	1	5m	B emt
66	COMP			↑		
67	1116p215	11:19	+21:19	66	15m	2" Slit 1.17
68	COMP			↑		
69	1116p215	11:19	+21:19	66	4m	5" Slit 1.2
70	COMP			↑		
71	EG81	11:34	+14:26	56	3m	5"

60 inch Telescope Log

Observer: PB

PI: Brandt/Krishner/Mahdavi

Spectrograph: FAST

Grating: 3000

Date: 6/4/77

Page: 5473

Number	Object	R.A.	Dec.	L/R	Exp	Comments
72	COMP			T		
73	1351p236	13:54	+23:25	66	5m	5" slit
74	COMP			T		
75	1354p213	13:56	+21:03	66	5m	5"
76	COMP			T		
77	H244	13:21	+36:23	56	2m	5" 102
78	COMP			T		
79,81	1351p236	13:54	+23:25	66	15m	2x15m 2" slit 102
80,82	COMP			T		
83,85	1354p213	13:56	+21:03	66	15m	2"
84,86	COMP			T		
87,89	1415p451	14:17	+44:56	66	15m	2"
88,90	COMP			T		
91	1415p451	14:17	+44:56	66	5m	5"
92	COMP			T		
93	Fer92	14:09	+50:21	56	90s	5"
94	COMP			T		
95	H244	13:21	+36:23	56	2m	5"
96	COMP			T		
97-98	130p33264Z	15:50	+33:05	56	1m	5"
99	COMP			T		
100,102	SN 197cn	14:09	+17:32	2	15m	bmbg 2 3" slit
101,103	COMP			T		
104	r096 ct 01	14:04	+35:36	59	12m	em
105	COMP			T		
106	r096 ct 02	14:05	+35:58	59	9m	
107	COMP			T		
108	r096 ct 04	14:06	+35:16	59	10m	em
109	COMP			T		

60 inch Telescope Log

Observer: PB

PI: Karungy Krishnaiah Huchra

Spectrograph: FAST

Grating: 300R

Date: 6/4/97

Page: 5474

Number	Object	R.A.	Dec.	L/R	Exp	Comments
110	GW3-SZ	14:27	+25:55	3S	12m	em
111	COMP			↑		
112	GW3-SS	14:26	+26:22	3S	12m	
113	COMP			↑		
114	SNa2199.com	16:29	+79:45	2	20m	Wow - 19 <sup>th</sup> mag; type II SN
115	COMP			↑		
116	160916p16721	16:07	+16:22	2S	6m	
117	COMP			↑		
118	160101p174607	16:01	+17:16	2S	6m	
119	COMP			↑		
120	160139p151210	16:01	+15:12	2S	10m	seeing getting worse
121	COMP			↑		
122	159952p175759	15:59	+17:57	2S	10m	
123	COMP			↑		
124	160130p180323	16:01	+18:03	2S	10m	
125	COMP			↑		
126	160211p180723	16:02	+18:07	2S	8m	
127	COMP			↑		
128	MRK501	16:53	+39:45	6	5m	
129	COMP			↑		
130	15209 p1411EW	15:22	+77:41	1	5m	EW pair bin by 2
131	COMP			↑		em both comps
132	3C390.3	18:45	+77:43	6	7m	
133	COMP			↑		
134	17344p6230EW	17:34	+67:30	43	8m	EW comps em both
135	COMP			↑		
136	17348p6326	17:34	+67:20	43	7m	Wk em
137	COMP			↑		
138	17373p7057	17:37	+70:57	43	6m	em
139	COMP			↑		

60 inch Telescope Log

Observer: PB

Spectrograph: FAST

Grating: 300L

Page: 5475

PT: Huchra

Date: 6/14/97

Number	Object	R. A.	Dec.	L/R	Exp	Comments
140	17385 p7000	17:38	+70:00	43	5m	
141	COMP			↑		
142	17385 p6803	17:38	+68:03	43	4m	
143	COMP			↑		
144	17391 p5919	17:39	+59:19	43	4m	
145	COMP			↑		
146	17366 p6528	17:36	+60:28	43	10m	em
147	COMP			↑		
148	17404 p6237	17:40	+62:37	43	5m	em
149	COMP			↑		
150	N6461	17:38	+77:32	43	6m	
151	COMP			↑		
152	17406 p6829	17:40	+68:29	43	4m	
153	COMP			↑		
154	N7331	22:34	+34:09	57	3m	
155	COMP			↑		
156	MRK509	20:41	+10:54	6	3m	
157	COMP			↑		a few clouds
158	N7469	23:03	+08:52	6	2m	starting to
159	COMP			↑		move in from
160-162	CT C <sub>42</sub>	19:50	+35:11	12	90, 70, 2s	the south of down
163	COMP			↑		
164-166	HD197251	20:40	+40:07	56	5s	
167	COMP			↑		
168-177	BIAS			0	0s	
178-187	FLAT			0	6s	
188-197	BIAS			0	0s	bin by 2
198-207	FLAT			0	12s	bin by 2
208-217	FLAT 2			66	8s	2" slit; bin by 4
218-227	FLAT 5			66	3s	5" slit