

60 inch Telescope Log

Observer: P. Berlind

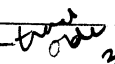


PI: McDowell & Huchra

Spectrograph: FAST

Grating: 500L; 3" slit

Page: 3406

Date: 12/27/94

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	Clearing; high cloud to h
11-20	FLAT				10s	
21-26	HD1744	00:47:05.3	+30:10:21	0	10s	fast fix = 940
27	COMP			↑	15s	
28,29	M32	00:39:58.2	+40:35:30	0	60s	nucleus
30	COMP			↑		
31-33	M31	00:40:00	+40:59:42	0	15s, 30s	nucleus
34	COMP			↑		
35	158m 213	00:40:30.2	+40:50:55	0	8m	M31 glob
36	COMP			↑		
37	225m 280	00:41:45.1	+41:05:42	0	5m	M31 glob
38	COMP			↑		
39	PKS 2155m 304	21:55:58.23	-30:27:53.4	23	5m	HST Snapshot 
40	COMP			↑		no chart
41	Mkn 335	00:03:45.22	+19:55:28.6	23	5m	no chart  v=14
42	COMP			↑		no chart  v=13
43	BD p284211	21:48:57.1	+28:37:48	23	25s	std
44	COMP			↑		
45	A262m 45	01:47:12.8	+33:53:15	25	10m	K BANDLF & A262
46	COMP			↑		2 H+
47	A262m 31	01:43:59.5	+34:37:15	25	5m	South comp x2
48	A262m 32	01:44:00.1	+34:37:18	25	7m	seeing 2-3"
49	COMP			↑		
50	A262m 31	01:43:59.5	+34:37:15	25	10m	nice! thin cloud
51	COMP			↑		
52	A262m 155	01:50:12.6	+36:06:01	25	5m	
53	A262m 180	01:50:56.9	+36:06:15	25	10m	H $\alpha$ gal to W on slit
54	COMP			↑		
55	A262m 173	01:50:44.4	+36:04:06	25	10m	
56	COMP			↑		

09:10:50.13 +40:18:47.1 1950

Star SN 16.5  
 A2782 GOW DN to SOW 30.5 from nuc

## 60 inch Telescope Log

Observer: P. BerlindPI: Huchra/GellerSpectrograph: FASTGrating: 302Date: 12/27/94Page: 3407

Number	Object	R. A.	Dec.	L/R	Exp	Comments
57	A262m11	01:45:51	+34:39:W	25	5m	
58	A262m15	01:45:58.5	+34:45:14	25	8m	star to W
59	comp			↑		
60	A262m21	01:46:11.6	+34:34:15	25	10m	
61	A262m33	01:46:43.8	+34:41:38	25	5m	strong H $\alpha$ et al
62	comp			↑		
63	SN1994ai	02:20:46	-21:27:36	2	30m	grating tilt = 550
64	comp			↑		towards blue
65	A262m135	01:49:37.9	+35:48:16	25	10m	tilt = 590 ↓ H $\alpha$
66	comp			↑		
67	A262m90	01:47:24.6	+33:33:49	25	10m	
68	A262m150	01:49:49.4	+33:25:04	25	5m	gal to E H $\alpha$
69	comp			↑		
70	A262m88	01:47:22.5	+34:15:21	25	10m	
71	A262m122	01:48:38.5	+34:06:42	25	10m	
72	comp			↑		
73	A262m139	01:49:18.9	+34:09:05	25	10m	
74	comp			↑		
75	A262m188	01:51:06.5	+34:02:17	25	15m	
76	comp			↑		
77	A262m222	01:52:03.7	+33:55:22	25	10m	
78	comp			↑		
79	0217p2016	02:21:42	+20:16:W	21	8m	Rich Groups H $\alpha$
80	comp			↑		
81	0224p2156	02:24:48	+21:56:W	21	4m	
82	comp			↑		
83	02304p2117	02:30:24	+21:17:W	21	3m	
84	02307p2116	02:30:42	+21:16:W	21	5m	H $\alpha$
85	comp			↑		
86	02434p1538	02:43:24	+15:38:W	21	5m	H $\alpha$

## 50 inch Telescope Log

Observer: P. BerlindPI: Geller/HuchraSpectrograph: FASTGrating: 3002Date: 12/27/94Page: 3408

Number	Object	R.A.	Dec.	L/R	Exp	Comments
87	comp			↑		thin clouds
88	02350 p0123	02:35:00	+01:23:00	21	5m	H $\alpha$
89	comp			↑		
90	U02271	02:45:12	+01:13:00	21	4m	H $\alpha$
91	comp			↑		
92	02471 m056	02:47:06	-01:56:00	21	5m	H $\alpha$
93	comp			↑		
94	U02319	02:47:24	-01:12:00	21	5m	H $\alpha$
95	comp			↑		clouds
96	02499 m0129	02:49:54	-01:29:00	21	8m	H $\alpha$
97	comp			↑		
98	03086 p0004	03:08:36	+01:04:00	21	8m	H $\alpha$
99	03093 m0001	03:09:18	-01:01:00	21	8m	
100	comp			↑		
101	03126 p0221	03:12:36	+02:21:00	21	4m	
102	03130 p0220	03:13:00	+02:20:00	21	5m	H $\alpha$
103	comp			↑		
104	03131 p0128	03:13:24	+01:28:00	21	8m	H $\alpha$
105	comp			↑		
106	A3372 H	05:54:43.1	-34:41:58	99	5m	Olowin/Huchra Southern H $\alpha$
107	A3372 G	05:53:42.3	-34:56:01	99	5m	Abell Clusters
108	comp			↑		pouring liquid N out of dewar
109	A3372 E	05:53:19.6	-34:56:08	99	8m	H $\alpha$
110	A3372 D	05:53:35.9	-34:52:03	99	7m	
111	comp			↑		
112	A3372 F	05:53:53.7	-34:43:50	99	10m	↑ - F chart a little ambiguous, star $\rightarrow$ could use more
113	comp			↑		
114	A3392 H	06:25:40.5	-35:19:42	99	6m	
115	A3392 B	06:25:29.3	-35:21:30	99	6m	
116	comp			↑		

60 inch Telescope Log

Observer: P. BerlindPI: Huchra / GellerSpectrograph: FASTGrating: 300 lDate: 12/27/94Page: 3409

Number	Object	R.A.	Dec.	L/R	Exp	Comments
117	08222 p0711	08:22:12	+07:11:W	1	5m	M310 on chart Hk
118	COMP			↑		See chart
119	08114 p0332	08:11:24	+03:32:W	1	7m	Hk
120	COMP			↑		
121	08178 p0444	08:17:56	+04:44:W	1	3m	
122	08190 p0442	08:19:W	+04:42:W	1	4m	Nice spiral
123	COMP			↑		
124	08197 p0510	08:19:42	+05:10:W	1	7m	Hk
125	COMP			↑		
126	08264 p0047	08:26:24	+0:47:W	1	5m	Hk
127	COMP			↑		
128/129	08209 p0322	08:20:54	+03:22:W	1	5m	use 129 Hk x2
130	COMP			↑		
131	08217 p0425	08:21:42	+04:25:W	1	4m	
132	COMP			↑		
133	08232 p0320	08:23:12	+03:20:W	1	7m	Hk
134	COMP			↑		
135	08257 p0230	08:25:42	+02:36:W	1	4m	
136	COMP			↑		
137	313.018154	09:13:01.89	+27:16:43.8	3	5m	ISR Survey
138	COMP			↑		
139	313.019304	09:17:09.82	+27:20:51.1	3	5m	
140	COMP			↑		
141	313.021002	09:28:34.41	+27:23:59.1	3	7m	
142	COMP			↑		
143	313.023416	09:28:52.13	+27:32:16.7	3	5m	
144	COMP			↑		
145	313.023643	09:15:24.75	+27:36:29.4	3	5m	
146	COMP			↑		
147	BINS				0s	

## 50 inch Telescope Log

Observer: P. BerlindPI: Kirshner/HuchraSpectrograph: FASTGrating: 302Date: 12/25/94Page: 3410

Number	Object	R.A.	Dec.	L/R	Exp	Comments
148	SN1994zz	09:10:50.13	+40:18:47.1	2	30m	grating tilt = 550 ↓
149	COMP			↑	15s	NGC 2782 possible SN
150	F34	10:36:41.2	+43:21:50	2	2m	std.
151	COMP			↑		
152	SN1994ae	10:44:21.52	+17:32:20.7	2	30m	
153	COMP			↑		
154	A1216A	11:18:08.08	+01:25:49	9	7m	grating tilt = 590; 2" slit ↓
155	COMP			↑		#9 WarpFire II / Abell clust
156	A1275A	11:30:14.71	+36:39:03	9	15m	nice seeing; a few clouds
157	COMP			↑		
158	A1383A	11:48:05.9	+54:38:45	9	15m	
159	COMP			↑		
160	A1507A	12:14:48.71	+59:54:21.5	9	15m	
161	COMP			↑		
162	A1500A	12:13:30.82	+74:23:52	9	15m	
163	COMP			↑		
164	A1507B	12:14:48.71	+59:51:21.5	9	7m	3" slit ↓
165	COMP			↑		
166	A1383B	11:48:45.8	+54:31:08	9	5m	
167	COMP			↑		
168	A1275B	11:29:27.12	+36:38:17	9	5m	
169	COMP			↑		
170	13211p2648	13:21:06	+26:48:00	1	7m	Hx twilight underexposed
171	COMP			↑		
172	N4486B	12:28:00	+12:45:59	0	5m	
173	COMP			↑		
174	N5548	14:15:43.49	+25:22:01.1	6	30s	
175	COMP			↑		
176	N4151	12:08:01	+39:41:02	6	30s	
177	COMP			↑		

