

60 inch Telescope log

Observer: P. BerlindPI: Huchra/WilkasSpectrograph: FASTGrating: 300L, 3" slit, binog 4Page: 4658Date: 5/1/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIG				0s	
11-20	FLAT				6s	cirrus to far W+S
21-25	sky				2s	
26	COMP				5s	
27-29	HD 74915	08:43	-07:14	0	2s	
30	COMP			↑		
31-34	2SSer	10:23	-01:01	0	2s	
35	COMP			↑		
36-39	NG 115	10:02	-07:28	0	30s, 45s	
40	COMP			↑		
41	NG 151	12:08	+39:41	6	30s	
42	COMP			↑		
43	NG 151	12:00	+44	6	2m	
44	COMP			↑		
45-46	Forn 34	10:34	+47:21	0	1m	
47	COMP			↑		
48	MRK 421	11:01	+38:28	6	4m	
49	COMP			↑		
50	10267 p5201	10:26	+52:01	1	4m	
51	COMP			↑		
52	10269 p4857	10:26	+48:37	1	4m	em
53	COMP			↑		
54	10319 p4532	10:31	+45:32	1	3m	
55	COMP			↑		seeing ~ 1.8"
56	NGC 2992	09:45	-11:19	49	10m	
57	COMP			↑		
58	PGC 0947 p356	09:50	+39:26	49	20m	
59	COMP			↑		
60	PGC 0934 p554	09:34	+35:19	0	2m	
61	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4659</u>	
Observer: <u>PB</u>				Grating: <u>ROR</u>			
PI: <u>Kirshner/Huchra</u>				Date: <u>5/19/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
62	U05377	09:51	+75:15	1	10m	few secamp ~2"	
63	COMP			↑			
64	09574p7943	09:57	+77:43	1	5m		
65	COMP			↑			
66	U05386	09:58	+70:52	1	4m		
67	COMP			↑			
68,70	SN1996W	11:59	+19:15	2	15m	bin by 2	
69,71	COMP			↑	8s		
72-73	F0434	10:31	+41:21	0	1m		
74	COMP			↑			
75	10321p4500	10:32	+45:00	1	4m		
76	COMP			↑			
77	10322p4452	10:32	+44:52	1	4m		
78	COMP			↑			
79	10445p5208	10:44	+52:08	1	3m		
80	COMP			↑			
81	U05525	10:46	+52:10	1	3m		
82	COMP			↑			
83	10511p5378	10:51	+53:18	1	9m	Hue	
84	COMP			↑			
85	SN1996X	13:18	-26:30	2	15m	bin by 2	
86	COMP			↑			
87	PG1216p065	12:19	+06:38	49	20m		
88	COMP			↑			
89	NGC493	12:39	-05:20	49	8m		
90	COMP			↑			
91	PG1229p201	12:32	+20:09	49	20m		
92	COMP			↑			
93	13349p2438	13:37	+24:23	49	15m		
94				↑			

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60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>4660</u>	
Observer: <u>PB</u>			Grating: <u>300R</u>			
PI: <u>Wilkes & Geller</u>			Date: <u>5/9/86</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
95-96	H244	13:21	+36:22	0	1m	
97	COMP			↑		
98-99	Fere 34	10:34	+13:21	0	1m	
100	COMP			↑		
101,103	1413p1143	14:15	+11:29	49	20m	$Z = 2.55!$
102,104	COMP			↑		
105	H11419p480	14:21	+47:47	49	15m	
106	COMP			↑		
107	PG 1534p580	15:35	+57:54	49	12m	dome run-away cut
108	COMP			↑		exposure short from 15 to 12m
109	PG 1535p547	15:36	+54:33	49	15m	
110	COMP			↑		seeing better
111	N5548	14:15	+25:22	6	2m	
112	COMP			↑		
113-114	H244	13:21	+36:22	0	1m	
115	COMP			↑		
116	MRK 279	13:51	+69:33	6	90s	
117	COMP			↑		
118	328.104060	15:38	+31:14	3	5m	
119	COMP			↑		
120	328.104924	15:56	+31:14	3	6m	
121	COMP			↑		
122	328.107587	15:53	+31:24	3	6m	
123	COMP			↑		
124	328.109032	15:46	+31:30	3	6m	em high z
125	COMP			↑		
126,128	328.115650	15:36	+31:52	3	4m, 12m	superposed *
127,129	COMP			↑		reduce # 128
128	328.119668	15:39	+32:05	3	5m	
129	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4663</u>		
Observer: <u>P.berlind</u>		Grating: <u>3002, 3" slit, bimby</u>		Date: <u>5/14/96</u>		
PI: <u>Huchra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS				05	tilt = 60°
11-20	FLAT				65	clear skies
21-25	sky	zenith			25	
26	COMP				55	
27-30	HD87449			0	6	
31	COMP			↑	↑	
32-34	HD82328	09:32	+51:41	0	0.35	
35	COMP			↑		
36	N4151	12:06	+59:41	6	305	
37	COMP			↑		
38	N4051	12:00	+44:48	6	2m	
39	COMP			↑		
40-41	Feyj66	12:34	+25:20	0	1m	
42	COMP			↑		
43	MRK079	13:51	+69:33	6	905	
44	COMP			↑		
45	N5546	14:15	+25:22	6	2m	
46	COMP			↑		
47	PK221p451	09:47	+13:16	0	4m	
48	COMP			↑		
49	0839 Sp905	08:41	+40:55	1	5m	
50	COMP			↑		
51	08390 p0221	08:40	+02:11	1	10m	em
52	COMP			↑		part seeing ~2-3"
53	08464 p0734	08:49	+07:22	1	10m	
54	COMP			↑		
55	08530 p5207N	08:56	+51:55	1	5m	NE Comp
56	08530 p5207S	08:56	+51:52	1	5m	
57	COMP			↑		
58	08586 p6758	09:58	+67:58	1	6m	em

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>4664</u>	
Observer: <u>PB</u>				Grating: <u>200L</u>			
PI: <u>Huchra & Geller</u>				Date: <u>5/14/96</u>			
Number	Object	R.A.	Dec.	L/R	EXP	Comments	
59	COMP			↑		poor seeing	
60	09557p5812D	09:55	+58:12	↓	4m	W Comp	
61	09557p5812E	09:55	+58:12	↓	10m	E Comp (NE) em	
62	COMP			↑		same construction from W halo	
63	A12244p1056	12:24	+10:56	↓	20m	LSB	
64	COMP			↑			
65	10240p1619	10:24	+46:19	↓	7m	em	
66	10248p4616	10:24	+46:16	↓	7m	em	
67	COMP			↑			
68	10265p5002	10:26	+50:02	↓	6m	sup * em	
69	COMP			↑			
70	317.026539	11:12	+28:02	3	10m	em	
71	COMP			↑			
72	317.011778	10:54	+26:53	3	7m	em	
73	COMP			↑			
74	317.030619	11:08	+28:24	3	10m	em	
75	COMP			↑			
76	317.031490	11:08	+28:30	3	6m		
77	COMP			↑			
78	317.031525	10:45	+28:29	3	6m		
79	COMP			↑			
80	317.050027	11:01	+30:06	3	7m		
81	COMP			↑			
82	317.059906	11:05	+30:59	3	6m		
83	COMP			↑			
84	317.063769	11:07	+31:18	3	7m		
85	COMP			↑			
86	317.063743	11:05	+31:21	3	7m		
87	COMP			↑			
88	317.064169	10:55	+31:24	3	5m	star on slit tail	

60 inch Telescope Log

Observer: PBSPI: Geller & Brogi & KowalskiSpectrograph: FASTGrating: 300RPage: 466SDate: 6/14/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
87	COMP			↑		
90	317.066318	11:11	+26:43	3	7m	H ₂
91	COMP			↑		
92	318.000517	11:13	+26:06	3	4m	poor seeing
93	COMP			↑		
94	318.005664	11:25	+26:41	3	6m	
95	COMP			↑		
96	318.006648	11:17	+26:43	3	5m	
97	COMP			↑		
98	318.606373	11:26	+26:45	3	7m	
99	COMP			↑		
100	318.043912	11:37	+30:42	3	7m	
101	COMP			↑		
102	318.046998	11:37	+31:17	3	7m	
103	COMP			↑		
104	14523p2413	14:52	+24:13	42	20m	
105	COMP			↑		
106	15317p2119	15:11	+21:18	42	15m	
107	COMP			↑		
108	15363p3320	15:36	+33:20	42	15m	
109	COMP			↑		
110	awm4-04	16:04	+23:58	35	4m	
111	COMP			↑		
112	awm4-01	16:04	+23:55	35	2m	
113	COMP			↑		
114	awm4-02	16:05	+23:40	35	7m	
115	COMP			↑		
116	awm4-03	16:05	+23:45	35	3m	
117	COMP			↑		
118H	BDP332642	15:50	+33:05	0	60s	24 H ₂ =+1; z=1.02

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>4666</u>	
Observer: <u>PB</u>			Grating: <u>300R</u>		Date: <u>5/14/96</u>	
PI: <u>Koranyi</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
120	COMP			↑		
121	awm4_05	16:03	+24:05	35	5m	
122	COMP			↑		
123	awm4_06	16:04	+23:59	35	7m	
124	COMP			↑		
125	awm4_08	16:05	+23:55	35	6m	
126	COMP			↑		
127	awm4_07	16:04	+23:59	35	5m	awm4_43 on slit to W v. faint
128	COMP			↑		
129	awm4_09	16:04	+23:56	35	6m	
130	COMP			↑		
131	awm4_10	16:04	+23:50	35	8m	
132	COMP			↑		
133	awm4_11	16:04	+23:57	35	8m	
134	COMP			↑		
135	awm4_12	16:04	+23:49	35	10m	
136	COMP			↑		
137	awm4_13	16:05	+24:10	35	10m	
138	COMP			↑		
139	awm4_14	16:04	+23:38	35	15m	★ 15K cm?
140	COMP			↑		
141	awm4_15	16:05	+23:51	35	12m	
142	COMP			↑		
143	awm4_16	16:04	+24:15	35	1m	str --F
144	COMP			↑		
145	awm4_17	16:04	+24:11	35	10m	
146	COMP			↑		
147	awm4_18	16:04	+24:05	35	10m	em
148	COMP			↑		
149	awm5_01	16:04	+27:45	35	15m	

60 inch Telescope Log

Observer: PJB

PI: Kerans & Wilcox

Spectrograph: FAST

Grating: 3002

Date: 5/17/56

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
150	COMP			↑		
151	α CM 5.04	16:57	+27:51	35	2m	
152	COMP			↑		
153	α CM 5.05	16:57	+25:50	35	6m	
154	COMP			↑		
155	MRK 509	20:41	-10:54	6	7m	
156	COMP			↑		
157-158	Comet HD	19:37	-16:10	0	30, 1m	nucleus; tail
159	COMP			↑		
160-162	Cy Cyg	19:50	+35:41	12	60, 20, 2	
163	COMP			↑		
164-166	HD 192251	20:10	+40:07	0	5s	
167	COMP			↑		
169-171	HD 192463	20:12	38:21	0	2s	
172	COMP			↑		
173-175	HD 192428	20:21	36:55	0	2s	
176	COMP			↑		
177-180	HD 192277	20:17	38:01	0	2s	
181	COMP			↑		
182-191	BIAS			0	0s	
192-201	FLAT			0	6s	