

## 60 Inch Telescope Log

Observer: P. BerlindPI: J. HuchraSpectrograph: FASTGrating: 300L, 3" slitPage: 3098Date: 7/13/94

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1	Dark				5m	clear
2-11	BIAS				0s	some cloud to far west
12-21	FLAT	300L	3" slit		0.1s	+ SE
22	COMP			↑		best
23	HZ44	13:21:19	+36:23:58	0	5m	
24	COMP			↑		
25	N4151	12:08:01	+39:41:02	6	5m	
26	COMP			↑		
27	N5548	14:15:43	+25:22:01	6	5m	
28	COMP			↑		
29	J13124p2832	13:12:26	+28:22:13	3	5m	H <sub>α</sub>
30	COMP			↑		
31	J13131p2748	13:13:27	+27:18:06	3	5m	
32	COMP			↑		
33	J13150p2910	13:15:02	+29:10:47	3	5m	
34	COMP			↑		
35-36	J13182p2815	13:18:12.4	+28:45:03	3	3m	H <sub>α</sub>
37	COMP			↑		seeing pretty good
38	J13210p2921	13:21:06	+29:21:53	3	5m	
39	COMP			↑		
40	J13099p3002	13:09:59.8	+30:02:21	3	3m	H <sub>α</sub>
41	COMP			↑		
42	J13105p3126	13:10:20.9	+31:26:37	3	3m	
43	COMP			↑		
44	J13110p2938	13:11:01.7	+29:38:10	3	3m	
45	J13110p2934	13:11:01.9	+29:34:41	3	3m	
46	COMP			↑		
47	14009p0058	14:00:54	+0:58:00	1	5m	H <sub>α</sub>
48	14011p0104	14:01:06	+0:01:00	1	5m	H <sub>α</sub>
49	14015p0107	14:01:30	+0:09:00	1	5m	H <sub>α</sub>

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
50	COMP			↑		
51	14059 p0026	14:05:54	+00:06:00	1	3m	Hk
52	COMP			↑		
53	14084 p0116	14:08:24	+01:16:00	1	3m	Hk
54	14086 p0048	14:08:36	+00:48:00	1	3m	
55	14087 p0130	14:08:42	+01:30:00	1	3m	
56	COMP			↑		
57	14093 p0011 S	14:09:18	+01:11:00	1	3m	South Comp
58	14093 p0011 N	"	"	1	3m	Hk
59	COMP			↑		
60	14118 p002 SE	14:11:48	+01:02:00	1	5m	Hk
61	14118 p002 NW	"	"	1	5m	Hk
62	COMP			↑		
63	14148 p015	14:14:48	+01:15:00	1	3m	
64	COMP			↑		
65	14153 p0045	14:15:18	+01:45:00	1	3m	
66	COMP			↑		
67	I 942	14:15:42	+01:07:00	1	3m	1409147 Hk
68	COMP			↑		moon set
69	14761 p046	14:26:06	+00:46:00	1	3m	Hk
70	COMP			↑		
71	14380 p046	14:38:00	+00:46:00	1	5m	Hk
72	COMP			↑		
73, 75, 77	HH32 AEW	19:18:07.9	+10:56:21	13	10m	32A, 32A, star W
74, 76, 78	COMP			↑		traded Salvador for an hour of
79, 81	Cy9 X AEW	20:55:11.4	+30:50:52	13	10m	center, 2A, 3" S his time tomorrow
80, 82	COMP			↑		
83	043208 SA	17:50:15.1	+35:04:05	1	3m	A
84	043208 SB	"	"	1	3m	B
85	043208 SC	"	"	1	3m	

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60 Inch Telescope <sup>op.</sup>Observer: P. BerlandPI: J. HuebraSpectrograph: FASTGrating: 300L, 3" slitPage: 3/00Date: 7/13/94

Number	Object	R. A.	Dec.	L/R	Exp	Comments
86	043206SD	17:50:15.1	+35:04:50.9	1	3m	
87	043206SE	"	"	1	5m	H $\alpha$
88	COMP			↑		
89	RX1920p6316A	19:20:07.5	+63:16:29	1	5m	covered by extended object
90	RX1920p6316B	"	"	1	3	*
91	RX1920p6316D	"	"	1	3	*
92, 94	RX1920p6316E	"	"	1	5m	gal x2
93	COMP			↑		
95	J2242p1221	22:42:58.05	+12:21:24	3	5m	15R Survey
96	COMP			↑		H $\alpha$ @ 7345A - 37,7K km/s
97	J2244p1148	22:44:41.1	+11:48:38	3	5m	
98	COMP			↑		
99	J2246p1147	22:46:23.8	+11:47:38	3	5m	H $\alpha$
100	J22467p1143	22:42:44.7	+11:43:49	3	5m	
101	COMP			↑		
102	J22467p1229	22:46:45.9	+12:29:34	3	5m	broad H $\alpha$ - Sun??
103	COMP			↑		
104	J22470p1214	22:47:01.42	+12:14:17	3	5m	
105	J22472p1219	22:47:02.12	+12:19:57	3	5m	H $\alpha$
106	J22471p1218	22:47:06.68	+12:18:34	3	5m	H $\alpha$
107	COMP			↑		
108, 110	J22471p1154	22:47:07	+11:54:58	3	5m	x2
109	J22471p1218B	22:47:08	+12:18:45	3	5m	H $\alpha$
111	COMP			↑		
112, 114	J22472p1227	22:47:13.2	+12:27:35	3	5m	x2
113	J22473p1216	22:47:19.24	+12:16:39	3	5m	
115	COMP			↑		
116	J22474p1145	22:47:25.6	+11:45:15	3	5m	H $\alpha$
117-118	J22479p1305	22:47:53	+13:05:46	3	5m	x2
119	COMP			91		

extracted  
middle object  
on file 89

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
120-121	J22480p1204	22:48:02.2	+12:04:02	3	5m	
122	COMP			↑		
123,124	J22479p1226	22:47:58.9	+12:06:19	3	5m	
125	COMP			↑		
126-127	Z3515p1713	23:51:30	+47:13:00	1	5m	superposed to use #126
128	COMP			↑		
129,130	RXJ21039p0404A	21:03:53.8	+04:02:24	1	5m	*
130	COMP			↑		
132,134	RXJ21049p1401A	21:04:52.1	+14:01:27	1	5m	x2 gal
133	RXJ21049p1401B	"	"	1	3m	star
135,136	RXJ21049p1402	"	"	1	5m	x2 gal
137	RXJ21049p1403	"	"	1	3m	star
138	COMP			↑		
139,140	eCep	22:15:02	+57:03:00	20	295s	602; 1.1, "st. f, 440A
141	COMP			↑		
142,143	SAO11483	00:53:42.4	+68:46:36	20	1m, 2m	
144	COMP			↑		
145,146	SAO11547	01:00:23.4	+61:40:10	20	1m, 2m	
147	COMP			↑		
148,149	the Cas	01:11:06	55:09:00	20	5s	
150	the COMP			↑		
151,152	HR8419	22:03:25.7	+64:34:00	20	5s	
153	COMP			↑		
154-155	HR 8665	22:46:04.1	+12:06:31	20	5, 10s	
156	COMP			↑		
157-157	FLAT			20	0.9s	↓
168-177	BIAS				0s	