

60 inch Telescope Log

Observer: P. BerlindPI: Hucha/GellerSpectrograph: FASTGrating: 300L; 3" slitDate: 11/28/94Page: 3304

Number	Object	R.A.	Dec.	L/R	Exp	Comments
10	BIAS				0s	Focus = 950
11-20	FLAT				10s	clear sky
21	COMP				—	
22-24	HD 4744	00:47:05.3	+30:10:21	0	15s	std template Ⓚ?
25	COMP			↑	15s	
26-28	HD 1918	00:21:00	+44:48:00	0	15s	G 9 III
29	COMP			↑		
30	22 Sm 280	00:41:45.1	+44:05:12	0	5m	M 31 Glob
31	COMP			↑		seems 2-3"4
32	158m 213	00:40:02	+40:50:55	0	7m	
33	COMP			↑		
34	464.014722	23:52:38.19	+10:16:17	3	5m	ISR Survey
35	COMP			↑		slit E-W (180°)
36	SN 1937p 2950	19:37:26.1	+29:50:00	-1	5m	3" south of star (^{~12 mag star} rich field)
37	SN 1937p 2950 B	19:37:26.5	+29:50:17	-1	5m	3" north of star; clumpy-fuzz
38	SN 1937p 2950 C	19:37:25.9	+29:50:01	-1	5m	1" south of star - true offset
39	COMP			↑		all ~1.5 arcmin N of SAO star
40	464.015505	00:01:23	+10:19:30.7	3	5m	1950 coords!
41	COMP			↑		
42	464.023399	23:52:53.8	-10:44:26.9	3	5m	
43	COMP			↑		
44	464.030995	23:56:54.57	+11:23:53.1	3	5m	
45	COMP			↑		
46	464.032655 B	23:59:06.94	+11:12:25.4	3	3m	star
47	464.032655 A	"	"	3	3m	star
48	464.036263	23:54:15.86	+11:22:18.5	3	5m	
49	COMP			↑		
50	464.023420	00:04:46.12	+10:44:55.6	3	5m	
51	COMP			↑		
52	464.027029	00:12:24.83	+10:54:51.2	3	5m	

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
53	COMP			↑		
54	464.033161	00:08:03.01	+11:13:12.2	3	Sm	
55	COMP			↑		
56	464.035803	00:13:21.06	+11:20:30.9	3	Sm	H _α
57	COMP			↑		
58	464.043527	00:16:23.68	+11:42:24.4	3	Sm	H _α
59	COMP			↑		
60	464.047755	23:53:20.15	+11:54:10.3	3	Sm	H _α
61	COMP			↑		
62	464.051827	00:05:41.48	+12:14:41.4	3	Sm	
63	COMP			↑		
64	464.064506	00:12:49.51	+12:40:24.2	3	Sm	H _α
65	COMP			↑		
66	464.066423	00:16:43.12	+12:45:23.7	3	Sm	
67	COMP			↑		
68	00341p3034	00:34:06	+30:34:10	21	10m	Rich Groups H _α
69	COMP			↑		
70	00362p2915	00:36:12	+29:15:10	21	Sm	Bright in blue
71	COMP			↑		1/2 17,000k, Strong H _α etc
72	00294p3051	00:29:24	+30:51:10	21	Sm	H _α
73	COMP			↑		
74	00408p2947	00:40:48	+29:17:10	21	Sm	H _α
75	COMP			↑		
76	00442p3000	00:44:12	+30:40:10	21	Sm	H _α
77	COMP			↑		
78	01038p2436	01:03:48	+24:36:10	21	4m	
79	COMP			↑		
80	01057p2128	01:05:42	+21:28:10	21	Sm	H _α
81	01062p2128A	01:06:12	+21:28:10	21	4m	
82	01062p2128B	01:06:12	+21:28:10	21	Sm	see chart! id's

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Observer: P. BerlindPI: Geller & HuchraSpectrograph: FASTGrating: 302Date: 11/28/94Page: 3306

Number	Object	R. A.	Dec.	L/R	Exp	Comments
83	comp			↑		
84	01074p2241	01:07:24	+22:41:W	21	5m	H _α
85	comp			↑		
86	01141p2252	01:14:06	+22:52:W	21	5m	H _α
87	comp			↑		
88	01150p1941	01:15:W	+19:41:W	21	5m	
89	comp			↑		
90	01166p2031	01:16:36	+20:31:W	21	5m	
91	comp			↑		
92	01204p2155	01:20:24	+21:55:W	21	5m	H _α
93	comp			↑		
94	01241p2121N	01:24:06	+21:21:W	21	5m	North comp $v \approx 14,600 \text{ km/s}$
95	01241p2121S	01:24:06	+21:21:W	21	7m	South H _α $v \approx 14,300 \text{ km/s}$
96	comp			↑		double; see chart
97	01277p2050	01:27:42	+20:50:W	21	5m	a very pretty galaxy
98	comp			↑		$v \approx 10,000 \text{ km/sec}$
99	0133Sp19S1N	01:33:30	+19:51:W	21	5m	$v \approx 10,900$
100	0133Sp19S1S	01:33:30	+19:51:W	21	5m	$v \approx 10800$
101	comp			↑		
102	01441p2229	01:44:06	+22:29:W	21	5m	
103	comp			↑		
104	01350p2717	01:35:W	+27:17:W	21	5m	
105	comp			↑		
106	01388p2805	01:38:48	+28:05:W	21	10m	LSB H _α
107	comp			↑		
108	A262m29	01:43:49.2	+38:39:11	25	7m	2 MASS / KBAND LF
109	comp			↑		
110	A262m10	01:44:45.1	+38:41:54	25	10m	
111	comp			↑		
112	A262m109	01:47:55.8	+38:38:03	25	10m	

60 inch Telescope Log

Observer: P. Berlind
 PI: Geller & Huchra

Spectrograph: FAST
 Grating: 302
 Date: 11/28/94

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
113	COMP			↑		nearby star marked on chart
114	A262m112	01:48:05.7	138:41:23	2S	10m	See chart for ID
115	COMP			↑		→ V ₃ 45,000 km/sec!
116	A262m125	01:48:43.5	+38:49:09	2S	7m	
117	COMP			↑		
118	A262m132	01:49:09.5	+38:36:58	2S	10m	V=43K
119	COMP			↑		
120	A26m147	01:49:41	+38:47:04	2S	2m	star - wrong ID on chart
121	A262m147	01:49:41	+38:47:04	2S	10m	galaxy - correct object (?)
122	COMP			↑		
123	A262m68	01:46:40.4	+38:32:25	2S	12m	companion galaxy 6" to W is also on slit
124	COMP			↑		
125	A262m74	01:46:48.9	+38:51:50	2S	10m	
126	COMP			↑		what a gorgeous night out
127	03136m025	03:13:36	-02:15:W	21	5m	Rich Groups ^{there!} clear.
128	COMP			↑		
129	U02645	03:14:54	-0:15:W	21	5m	H _α
130	COMP			↑		
131	03151m0154	03:15:06	-01:54:W	21	4m	⇒ coords in header might be off; this log is correct
132	U02650	03:15:06	-01:52:W	21	4m	
133	COMP			↑		
134	03153m0044	03:15:18	-00:44:W	21	5m	strong H _α
135	03155m0043	03:15:30	-00:43:W	21	5m	H _α
136	COMP			↑		
137	03156m0130	03:15:36	-01:30:W	21	10m	LSB H _α
138	COMP			↑		
139	03158m01W	03:15:48	-01:W:W	21	5m	H _α
140	COMP			↑		
141	312.005019	08:36:50.08	+26:32:43.2	3	5m	ISR H _α
142	COMP			↑		

123 - w/pt on slit
 A 262m68E
 w/pt west
 A 262m68W

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
143	312.004065	08:36:02.78	+26:30:07.2	3	5m	Moon is up
144	COMP			↑		seeing 1-2"
145	312.005034	08:41:23.08	+26:33:53.1	3	5m	
146	COMP			↑		
147	312.005924	08:37:51.67	+26:35:55.4	3	5m	
148	COMP			↑		
149	312.006079	08:36:21.79	+26:37:51.5	3	5m	
150	COMP			↑		
151	312.007842a	08:41:49.73	+26:42:57.8	3	5m	
152	312.007842b	08:41:49.73	+26:42:57.8	3	5m	SE comp but I got the right object
153	COMP			↑		
154	312.014779	08:39:13.96	+27:04:31.5	3	7m	
155	COMP			↑		
156	312.015490	08:51:16.11	+27:07:15.5	3	5m	Hk
157	312.016431	08:54:21.36	+27:10:00.3	3	7m	
158	COMP			↑		
159	312.003600	08:54:59.07	+26:29:23	3	7m	
160	COMP			↑		
161	312.018660	08:56:51.44	+27:16:10.4	3	5m	
162	COMP			↑		
163	312.018771	08:36:04.69	+27:15:34.6	3	5m	
164	COMP			↑		
165	312.020163	08:36:47.16	+27:17:57.1	3	10m	Hk
166	COMP			↑		
167	312.019531	08:52:41.64	+27:19:36.8	3	5m	Star on slit to W
168	COMP			↑		
169	312.020074	08:51:09.09	+27:21:18.9	3	7m	
170	COMP			↑		
171	312.024118	08:52:56.05	+27:33:40.1	3	7m	Hk
172	COMP			↑		

19:39:24 +29:56:57

60 inch Telescope Log

Observer: P. BerlindPI: Geller & KirshnerSpectrograph: FASTGrating: 3002Date: 11/28/94Page: 3309

Number	Object	R. A.	Dec.	L/R	Exp	Comments
173	312.025177	08:53:37.05	+27:36:48.3	3	7m	
174	312.025237	08:53:39.5	+27:36:58	3	7m	
175	COMP			↑		
176	312.025647	08:41:28.3	+27:38:01.1	3	10m	wind picking up
177	COMP			↑		
178	COMP			—		change grating tilt to 55c
179	SN1994ae	10:44:23	+17:32:18	2	15m	X-tra blue
180	COMP			↑	15s	as per Pete Challis request
181	F34	10:36:41.2	+43:21:50	2	2m	
182	COMP			↑		
183	312.028538	08:57:35.46	+27:46:01.6	3	5m	grating tilted back to 590
184	COMP			↑		(standard setup)
185	312.029749	08:51:10.62	+27:51:02.7	3	7m	
186	COMP			↑		
187	312.031050	08:41:13.94	+27:54:26.6	3	7m	
188	COMP			↑		
189	312.033096	08:40:20.81	+28:00:43	3	7m	
190	COMP			↑		
191	312.035856	08:38:21.67	+28:08:53.3	3	4m	
192	COMP			↑		
193	312.036048	08:46:00.04	+28:10:45.1	3	7m	Hk
194	COMP			↑		be done by 6
195	312.044682	08:57:28.65	+28:36:58.3	3	4m	twilight needs more
196	COMP			↑		
197-201	HID 52971	06:57:51.14	+27:13:12	0	5s	
202	COMP			↑		
203-212	FLAT				10s	standard setup; tilt to 590
213-222	BIAS				0s	
223-234	FLATB				10s	tilt at 550 for SNquips
235-240	DARK				15m	done crew on its way up the mountain; may be lights on some sun (and) night!

only 536 images
(2 DARKS @ end)