

<p>60 inch Telescope Log</p> <p>Observer: <u>P. Berland</u></p> <p>PI: <u>Sony/Staufner</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>1200B</u></p> <p>Date: <u>9/29/98</u></p> <p style="text-align: right;">Page: <u>6551</u></p>
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	DARK				20m	1200g; 1.5" slit bnbjz
11-20	BD15				0s	$\lambda_c = 6600 \text{ \AA}$
21-30	FLAT				70s	clear skies!
31-33	HD125162	14:16	+46:05	108	6	bright moon
34	COMP			↑		
35-37	HD125162B	14:15	+45:55	108	90s	
38	COMP			↑		file headers do not
39-41	HD126128	14:23	+64:26	108	4s	have project numbers,
42-44	HD126128B	14:23	+64:26	108	75s	after system crash.
45	COMP			↑		Restart no help.
46-47	HD127506	14:30	+35:27	108	30s	#'s put in by hand
48	COMP			↑		
49-51	HD127506B	14:30	+35:12	108	4m	
52	COMP			↑		
53-55	HD139006	15:34	+26:42	108	4s	
56	COMP			↑		
57-59	HD139006B	15:34	+26:42	108	90s	
60	COMP			↑		
61-65	HD163296	17:56	-21:57	108	15s	shell*
66	COMP			↑		
67-69	HD163296B	17:56	-21:57	108	35s	
70	COMP			↑		
71-73	HD172028AB	18:57	+10:23	108	15s	unresolved pair
74	COMP			↑		
75-77	HD192281	20:10	+40:07	108	15s	
78	COMP			↑		
79-80	BD125124	21:48	+28:37	108	4m	
81	COMP			↑		
82-84	HD240000	22:38	+55:50	108	30s	extra + to E in slit
85-87	HD240101B	22:38	+55:50	108	2m/1m	+ to W

<p>60 inch Telescope Log</p> <p>Observer: <u>PB</u></p> <p>PI: <u>Stauffer & Hutchins</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>1200R; 300R</u></p> <p>Date: <u>9/29/98</u></p> <p style="text-align: right;">Page: <u>6552</u></p>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
88	COMP			↓		1200R; 1.5" slit ↓
89-90	H1D240010C	22:38	+55:50	106	8m	
91	COMP			↑		
92-93	H1D210344	23:37	+16:23	108	45s	
94	COMP			↑		
95-96	H1D221741	23:39	+16:26	108	45s	
97	COMP			↑		
98	BMAnd	23:37	+16:24	108	8m	
99	COMP			↑		
100	COMP			↓	8s	300R; 1.1" slit ↓
101-102	411907p09	19:09	+09:45	104	15m	bin by 4
103	COMP			↑		
104-105	H1D230579	19:01	+11:01	104	20s, 10s	
106	COMP			↑		
107-108	13Dp23424	21	+28	56	30s	3" slit ↓
109	COMP			↑		
110	N7351	22:54	+34:09	57	3m	
111	COMP			↑		
112	ZM004204.6	00:43	+23:30	68	2m	
113	COMP			↑		
114	ZM005445.1	00:51	+16:26	68	4m	
115	COMP			↑		
116	ZM0005.1	10:05	+22:07	68	2m	
117	COMP			↑		
118	ZM062037.3NW	00:20	+28:39	68	6m	
119	ZM02037.3 SE	10:20	+28:39	68	8m	
120	COMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Huchra
 Spectrograph: FAST
 Grating: 300L
 Date: 9/29/98
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
121	ZM004223.6	00:42	+18:49	68	2m	
122	OMP			↑		
123	ZM004045.3	00:40	+27:52	68	3m	
124	OMP			↑		
125	ZM003912.9	00:39	+23:19	68	3m	
126	OMP			↑		
127	ZM005620.7	00:56	+13:51	68	5m	
128	OMP			↑		
129	ZM003832.1	00:38	+23:36	68	3m	
130	OMP			↑		
131	ZM004003.2	00:40	+23:48	68	5m	
132	OMP			↑		
133	ZM003928.5	00:39	+21:13	68	5m	bright star to NW; scattered light
134	OMP			↑		
135	ZM004752.5	00:47	+18:52	68	4m	
136	OMP			↑		
137	ZM005556.0	00:55	+17:17	68	5m	
138	OMP			↑		
139	ZM002016.7	00:20	+27:28	68	4m	
140	OMP			↑		
141	ZM003549.9	00:35	+19:24	68	4m	
142	OMP			↑		
143	ZM003930.7	00:39	+23:04	68	3m	
144	OMP			↑		
145	ZM000549.5	00:05	+17:21	68	3m	
146	OMP			↑		
147	ZM000823.2	00:08	+20:27	68	5m	
148	OMP			↑		
149	ZM003347.3	00:33	+19:59	68	3m	
150	OMP			↑		

60 inch Telescope Log
 Observer: PB
 PI: Hunter
 Spectrograph: FAST
 Grating: 300R
 Date: 9/29/98
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
151	2M004330.2	00:43	+21:57	68	4m	
152	COMP			↑		
153	2M004940.9	00:49	+22:04	68	4m	
154	COMP			↑		
155	2M003638.1	00:30	+21:54	68	4m	
156	COMP			↑		
157	2M002611.3	00:26	+13:34	68	8m	
158	COMP			↑		
159	2M003803.8	00:38	+23:19	68	4m	
160	COMP			↑		
161	2M004443.4	00:44	+21:46	68	5m	
162	COMP			↑		
163	2M005915.2	00:59	+13:34	68	4m	
164	COMP			↑		
165	SS26312.135	23:44	-02:06	59	20m	also obs 9/28/98 *123
166	COMP			↑		Hk ok p12 2038
167	SN1998dk	00:41	-02:44	2	20m	
168	COMP			↑		
169	SN1998dm	01:26	-06:06	2	15m	
170	COMP			↑		
171	PG0205p134	02:05	+13:22	56	7m	
172	COMP			↑		
173	225m200	00:41	+41	57	4m	
174	COMP			↑		
175-177	CISCam	04:19	+55:59		5s, 1m, 1s	
178	COMP					
179-180	HDS751	00:56	+19:02	108	45s	12000, 1.5" slit
181	COMP			↑		

4560-KFMA-5762

60 inch Telescope Log
 Observer: PB
 PI: Sing / Skutter
 Spectrograph: FAST
 Grating: 1200R
 Date: 9/29/98
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
182-193	HD5702	02:59	+62:15	108	60s	1200R: 1.5" slit
184	COMP			f		$T_c = 6600A$
185-186	BDP62137	01:06	+63:56	108	45s	
187	COMP			f		
188-189	HD10032	01:38	+40:45	108	60s	
190	COMP			f		
191-192	HD13505	02:13	+58:44	108	45s	
193	COMP			f		
194-195	HD9716	01:38	+48:43	108	45s	strong Li
196	COMP			f		
197-198	HD7647	02:51	+45:48	108	45s	
199	COMP			f		
200-202	HD23707	02:50	+60:24	108	45s	
203	COMP			f		
204-205	HD21619	03:31	+49:54	108	60s	
206	COMP			f		
207-209	HD1055	02:17	+41:02	108	15s	
210	COMP			f		
211-212	HD1055B	02:17	+34:02	108	90s	
213	COMP			f		
214-216	HD18537	03:40	+52:21	108	3s	* in slit to E
217-219	HD18537B	03:40	+52:21	108	60s	* " W
220	COMP			f		
221-223	HD22049	03:32	-09:07	108	3s	
224	COMP			f		
225-226	HD22049B	03:32	+09:30	108	2m	
227	COMP			f		
228-230	HD22049C	03:31	-10:13	108	2m	
231	COMP			f		

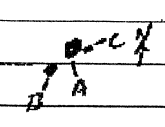
468-1074

60 inch Telescope Log Observer: <u>PB</u> PI: <u>Song & Stauffer</u>	Spectrograph: <u>FAST</u> Grating: <u>1200L</u> Date: <u>9/29/98</u>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
232-237	HD23324	03:45	+24:50	108	4s	1200L, 1.5" slit
235-237	HD23324B	03:45	+24:50	108	90s	Li? → Plaid
238	COMP			↑		
239-241	HD23432	03:45	+24:33	108	4s	
242	HD23432B	03:45	+24:33	108	6s	
				↑		
243-244	GICan	04:19	+55:19	107	90s/5s	
245				↑		
246-248	HD30834	04:52	+76:42	108	4s	Li III
250	COMP			↑		
251-254	HD31293	04:55	+70:31	108	8s	
255-258	HD31293B	04:55	+70:31	108	1m, 3m	Li
259				↑		
260-263	HD31648	04:58	+75:50	108	4s	
264-265	HD31648B	04:58	+75:50	108	1m	
266	COMP			↑		
267-270	HD32991	05:07	+71:42	108	5s	
271-272	HD32991B	05:07	+71:42	108	1m	
273	COMP			↑		
274-276	HD35532	05:20	+16:42	108	5s	
277-279	HD35532	05:20	+16:42	108	90s	Li
280	COMP			↑		
281-282	HD36267	05:30	+05:56	108	1s	
283-284	HD36267B	05:30	+05:54	108	1m	
285	COMP			↑		
286-288	HD37269	05:38	+70:29	108	2s	PA=3
289-291	HD37269B	05:38	+70:25	108	1m-2m	
293-295	HD37269C	05:38	+70:29	108	5m	
292-297	COMP			↑		

296 = scattered light exp - blank! (good)



60 inch Telescope Log

Observer: PBPI: Sony & Stueffer et alSpectrograph: FASTGrating: 1200L; 300LPage: 6557Date: 9/29/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
298-300	HD 34798	05:49	-18:31	108	5s	PA=90 1200L; 1.5" slit ↓
301-302	HD 34798 B	05:49	-18:30	108	8s	
303	COMP			↑		
304-305	HD 38206	05:43	-18:33	108	6s	
306-308	HD 38206 B	05:43	-18:16	106	1m	
309	COMP			↑		
310-311	105	06:18	-14:35	108	50s	HD 43954
312	COMP	06:18	-14:35	↑		
313-314	A0535p26	05:38	+26:18	104	1m	300L; 1.1" slit ↓
315	COMP			↑		lin by 2 (Why?)
316-317	HD 34478	05:53	+26:25	104	30, 10s	
318	COMP			↑		
319	SN 1998ec	06:57	+50:02	2	15m	3" slit ↓
320	COMP			↑		
321	G 1912B	05:01	+52:45	56	3m	
322	COMP			↑		
323-325	HD 51055	06:55	-20:24	108	6s	1200L; 1.5" slit ↓
326-328	HD 51055 B	06:55	-20:24	106	20s	
329	COMP			↑		
330-332	hi 468	03:49	+24:06	108	1s	Pleiades ↓
333	COMP			↑		
334-335	hi 2488	03:49	+24:20	108	30s	
336	COMP			↑		
337	hi 348	03:47	+24:23	108	4m	
338	hi 1514	03:47	+24:21	108	3m	
339	COMP			↑		