

60 inch Telescope Log  
 Observer: Pberlmd  
 PI: Huchra & Song-Stuffer  
 Spectrograph: FAST  
 Grating: 300L + 1200L  
 Date: 9/28/98  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BDIS				0s	
11-20	FLAT				6s	mostly clear
21-30	BDIS				0s	
31-40	FLAT				12s	
41-50	sky				2s	
46	COMP				5s	
47-49	HDA 92281	20:10		56	4s	3000, tilt=60°
50	COMP			r		
51	ZM170544.3	17:05	+22:14	68	3m	
52	COMP			r		
53	ZM174820.2	17:48	+17:46	68	4m	extra gal to W
54	COMP			r		
55	ZM170927.3	17:29		68	3m	
56	COMP			r		
57	ZM170100.6	17:01	+22:10	68	3m	
58	COMP			r		
59	ZM174510.5	17:56	+22:28	68	3m	
60	COMP			r		
61	SN1998dk	18:41	+49:51	2	20m	
62	COMP			r		
63-72	Focus test					1200L, 1.5" slit, tilt=35°
73-78	HDA 92281	20:10		108	20s	z=6600
79	COMP			r		
78-80	HIS1431			108	10s	
81	COMP			r		
82-83	HIS1431 AB			108	60s	
84	COMP			r		
85-86	HIS1431B			108	90s	PA-S
87	COMP			r		

NO BIN BY 4 DARKS !

60 inch Telescope Log

Observer: PB  
 PI: Smy

Spectrograph: PAST  
 Grating: 300-1200  
 Date: 9/28/98

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
86-89	HD161289A			108	10s	12000/mm grating ↓
90	COMP			↑		
91-92	HD161289B			108	12s	
93	COMP			↑		
94-95	HD162917			108	10s	
96	COMP			↑		
97-98	HD162917B			108	2m	
99	COMP			↑		
100-101	HD186307	19.41	+10.15	108	10s	
102	COMP			↑		
103-105	HD186307B	19.41	+10.15	108	10m	⊙ ← N
106	COMP			↑		
107-109	HD192445	20.14	+15.11	108	5s	
110	COMP			↑		
111-112	HD192425B	20.14	+15.11	108	3m	
113	COMP			↑		
114-117	HD211338B			108		
118	COMP			↑		
119-120	HD211338C			108	7m	
121	COMP			↑		
122-123	HD211338D	22.14	+57.07	108	35m	
124	COMP			↑		
125-127	HD212523					⊙ - PA=90
128	COMP					
129-130	HD21883				90s	⊙ too close
131	COMP					
132	BDp23424	21.46	+28	108	3m	
133	COMP			↑		
134-13	BDp651537	21.45	+66.22	108	2m	
135	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Singh Mahdavi

Spectrograph: F15T

Grating: 120-30

Date: 9/28/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
127	LKHA349	21:36	+57:31	108	2.5m	1200 @ ↓
128	COMP			r		
139	LKHA233	22:34	+40:10	108	3m	
140	COMP			r		
141-142	DISCep	22:56	+58:40	108	2m	
143	COMP			r		
144-144	F15T				60s	
150-151	DDp284211	21:48	+28:37	56	30s	3W2, 3" slit
152	COMP			r		
153	SS 26372-177	23:49	-02:17	59	5m	
154	COMP			r		
155	.178	23:49	-02:16	59	4m	
156	COMP			r		
157	.179	23:49	-02:25	59	6m	underexposed
158	COMP			r		
159	.180	23:49	-02:13	59	5m	
160	COMP			r		
161	.181	23:50	-02:10	59	8m	
162	COMP			r		
163	.182	23:50	-02:11	59	3m	
164	COMP			r		
165	.183	23:50	-02:55	59	6m	
166	COMP			r		
167	.184	23:50	-02:07	59	6m	
168	COMP			r		
169	.185	23:51	-02:49	59	2m	
170	COMP			r		
171	.186	23:51	-02:50	59	6m	
172	COMP			r		

60 inch Telescope Log  
 Observer: PB  
 PI: Mahdavi & Barton  
 Spectrograph: FAST  
 Grating: 30  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
173	SS2632.187	23:51	-02:46	S9		
174	COMP			T		
175	.188	23:52	-01:59	S9	11m	
176	COMP			T		
177	.161	23:47	-01:05	S9	12m	LSB em
178	COMP			T		
179	.133	23:43	-03:13	S9	15m	LSB wk em
180	COMP			T		
181	.134	23:49	-02:47	S9	15m	LSB em ok!
182	COMP			T		
183	.135	23:44	-02:06	S9	15m	LSB prob em
184	COMP			T		
185	SN198dt	02:28	-10:72	Z	20m	
186	COMP			T		
187	Sogal 191	02:43	+72:20	73	17m	
188	COMP			T		
189	Sogal-194-195	02:51	+13:11	73	18m	2 gals; bin by 2; PA=5
190	COMP			T		194 @ 100 $\mu$ ; 195 @ 100 $\mu$
191						1200 $\mu$ ; 1.5" slit $\downarrow$
192-194	HD1746				4s	
195	COMP					
196-197	HD30874	01:26	-8:26	108	1s	
198	COMP			T		
199-200	HD15407	02:30	+55:32	108	4s	
201-203	HD15407B...	02:30	+55:32	108	2m	
204	COMP			T		
205-207	HD 17206	02:43	-18:34	108	1s	
208	COMP			T		

60 inch Telescope Log  
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 PI: Smy  
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 Grating: 1200  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
209-21	HD 7706 D	02:45	-18:58	108	2m	fainter star to W in slit
212	COMP			↑		12000 ↓
213-215	HD 22610	03:4	-29:05	108	1s	
216-219	HD 22610 B	03:11	-29:05	108	30s-2m	
	COMP			↑		
220-222	HD 22610 C	03:11	-29:10	108	1m	
223-225	HD 22610 D	03:11	-29:09	108	5s	
226	COMP			↑		
227-228	HD 22610 E	03:11	-29:05	108	2m	
229-231	HD 22610 F	03:11	-29:05	108	10s	
232-233	HD 22610, scat	03:11	-29:05	108	10s	not much scat. light
234	COMP			↑		
235-237	HD 29573	04:38	-12:07	108	2s	
238	COMP			↑		
239-241	HD 29573 B	04:38	-12:12	108	15s-2m	
242	COMP			↑		
243-244	HD 33949	05:13	-12:56	108	6	PA=90
245-246	HD 33949 B	05:13	-12:56	108	90s	lots of scattered light
248	COMP					
249-250	HD 33673	05:46	-14:58	108	1s	
251-253	HD 33673 B	05:46	-14:57	108	2m	
254	COMP			↑		
255-256	HD 33673 C	05:47	-14:57	108	90s	
257-258	HD 33673 D	05:46	-14:57	108	90s	
259-260	HD 33673 E	05:47	-14:55	108	2m	
261	COMP			↑		
262-263	HD 40532	06:02	+4:52	108	1s	
264-267	HD 40532	06:02	+06:52	108	2m	
268	COMP			↑		

60 inch Telescope Log  
 Observer: PB  
 PI: Song & Kirshner  
 Spectrograph: FAST  
 Grating: 1200/300  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
269-271	HD18682	06:46	+45:34	108	15	
272	COMP			↑		
273-274	HD186213	06:48	+45:42	108	3m	
275	COMP			↑		
276-278	HD17647	07:11	+45:18	108	90/45s	
279	COMP			↑		
280-281	HD237057	07:50	+60:24	108	45s	
282	COMP			↑		
283-284	HD2169	07:51	+47:54	108	60s	
285	COMP			↑		
286-288	CICam	04:49	+55:55	107	20s	300Ω; 3" slit ↓
289	COMP			↑		
290	SN1980c	06:53	+50:02	2	15s	
291	COMP			↑		
292	B6Cem	06:03	+27:41	700	5m	
293	COMP			↑		
294-295	G1912B	05:01	+52:45	56	2m	
296	COMP			↑		
297-299	HD52971	06:57	+27:13	57	4s	thin clouds all over @ dawn
300	COMP			↑		
301-310	BRMS				0s	
311-320	FLAT				6s	
321-330	BRMS				0s	
331-340	FLAT				12s	
341-350	FLAT			108	70s	1200Ω; 1.5" slit
351-360	DARK					BIN BY 2