

*FAX
to Susan Takaz
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60 inch Telescope log

Observer: P. Berline

PI: Huchra

Spectrograph: FAST

Grating: 300L, 3" slit

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Date: 10/25/97

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS				05	
11-20	FLAT				65	
21-30	BIAS				05	bmbg 2
31-40	FLAT				125	bmbg 2
41-5	sky	zenith		B	25	
46	comp			r	65	lots of clouds.
47-49	HD 177249			57	25	
50	comp			r		
51-53	HD 182989			57	45	
54	comp			r		
55-57	HD 181469			57	25	
58	comp			r		
59-61	HD 188119			57	25	
62	comp			r		
63-65	comp	19:50	+55:41	12	24, 20, 36	
66	comp			r		
67-69	HD 192281	20:10	+40	56	45	
70	comp			r		
71	N 6251	16:52	+56:32	B	2m	
72	comp			r		
73	17430 p 6643	17:43	+66:43	B	4m	
74	comp			r		
75	17418 p 6653	17:41	+66:53	B	9m	He pr 2000 LBS [SIZE]
76	comp			r		
77	17448 p 6634 N	17:44	+66:34	B	4m	
78	17448 p 6634 E	17:44	+66:34	B	4m	
79	comp			r		
80	17452 p 5922	17:45	+59:22	B	10m	
81	comp			r		clouds
82	N 6464	17:45	+60:55	B	6m	stopped short by clouds; w/comp

OK

60 inch Telescope Log

Observer: PB

PI: Geller

Spectrograph: FAST

Grating: SWR

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Date: 10/27/97

Number	Object	R. A.	Dec.	L/R	Exp	Comments
83	COMP			r		close ~ 2 hrs
84	ZAnd	23:33	+48:49	B	4, 10s	close duets clouds
86	COMP			r		opened 11/15
87	S27.01833	01:08	+04:31	D	5m	
88	COMP			r		
89	S27.012308	01:20	+04:24	B	5m	+ to E
90	COMP			r		
91	S27.014161	01:07	+04:44	B	5m	
92	COMP			r		
93	S27.014589	01:06	+04:49	B	6m	
94	COMP			r		
95	S27.015575	01:13	+04:54	B	5m	
96	COMP			r		more clouds
97	S27.016735	01:08	+04:56	B	8m	e
98	COMP			r		
99	S27.017861	01:15	+05:01	B	6m	emitt
100	COMP			r		
101	S27.022540	01:22	+05:28	B	5m	
102	COMP			r		
103	S27.023602	01:10	+05:24	B	5m	
104	COMP			r		
105	S27.025584	01:08	+05:45	B	5m	
106	COMP			r		
107	S27.028232	01:18	+06:00	B	6m	
108	COMP			r		
109	S27.030296	01:06	+06:11	B	8m	
110	COMP			r		
111	S27.030770			B	6m	
112	COMP			r		
113	S27.028443	01:21	+06:26	B	5m	+ to E

60 inch Telescope Log

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PI: Geller

Spectrograph: FAST

Grating: 202

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
114	COMP			T		
115	S27.07297	01:06	+06:27	B	9m	em.
116	COMP			T		clearing!
117	S27.074311	01:04	+06:31	B	9m	
118	COMP			T		
119	S27.076180	01:22	+06:46	B	6m	
120	COMP			T		
121	S27.076250	01:06	+07:43	B	5m	* to E
122	COMP			T		
123	S27.057301	01:28	+06:51	B	5m	
124	COMP			T		
125	S27.011635	01:18	+07:57	B	6m	
126	COMP			T		
127	S27.019244	01:25	+08:02	B	5m	
128	COMP			T		
129	S27.052032	01:06	+06:17	B	9m	
130	COMP			T		
131	S27.056703	01:24	+06:44	B	5m	
132	COMP			T		
133	S27.057554	01:13	+06:51	B	5m	
134	COMP			T		
135	S27.066600	01:06	+06:41	B	6m	
136	COMP			T		
137	S27.066900	01:22	+06:16	B	6m	em., pec.
138	COMP			T		
139	S27.059947	01:24	+05:05	B	6m	
140	COMP			T		
141	S27.063173	01:30	+05:03	B	6m	
142	COMP			T		
M3-141	AXPer	01:16	+04:15	B	4,75s	

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>57B</u>
Observer: <u>PBS</u>		Grating: <u>200R</u>		Date: <u>10/27/57</u>		
PI: <u>Bartun & Huchra</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
145	COMP			r		
146	so gal 130	01:55	+36:15	60	5m	
147	so gal 131	01:55	+36:16	60	4m	
148	COMP			r		
149	so gal 134	01:56	+33:03	60	4m	
150	so gal 136	01:56	+33:03	60	3m	
151	so gal 137	01:56	+33:03	60	5m	
152	COMP			r		
153	so gal 142	01:59	+19:57	60	2m	
154	so gal 143	01:59	+19:59	60	2m	
155	COMP			r		
156	so gal 150	02:03	+26:18	60	2m	
157	so gal 151	02:03	+26:18	60	6m	em
158	COMP			r		
159	ZW7460H	03:19:40.5	+41:32:55	60	3m	52000; exact coords
160	ZW7460C	03:19:21.1	+41:29:29	60	3m	exact coords
161	COMP			r		
162	APSO10	03:51	+29:12	43	12m	em
163	COMP			r		
164	APSO62	03:49	+29:21	43	10m	bin by 2; * to W
165	COMP			r		gal @ row 80; * @ 74
166	APSO63	03:59	+29:22	43	12m	
167	COMP			r		
168	APSO83	03:53	+27:44	43	8m	
169	COMP			r		
170	APSO84	03:51	+27:48	43	6m	
171	COMP			r		
172	APSO88	03:59	+27:26	43	12m	
173	COMP			r		
174	APSO91	03:29	+25:26	43	10m	em

60 inch Telescope Log

Observer: PS

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Spectrograph: FAST

Grating: 3WR

Date: 10/29/97

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
175	WMP			8		
176	APSO42	03:06	+21:01	43	6m	
177	WMP			7		
178	APSO45	03:23	+21:09	43	6m	
179	WMP			7		
180	APSO46	03:24	+21:10	43	6m	em
181	WMP			7		satellite flare - weird
182	APSO44	03:19	+21:06	43	12m	wk (to tv news guy) alerted me to this one
183	WMP			7		bright w/ 1st mag flare!
184-185	DE Tau	04:47	+16:58	12	90s, 10s	
186	WMP			7		
187-188	DE Tau	04:33	+25:20	12	2m, 10s	
189	WMP			7		
190-191	DE Tau	04:29	+26:06	12	90s, 10s	
192	WMP			7		
193-194	Hiltner 60	06:42	+02:11	56	30s	
195	WMP			7		increasing clouds @ dawn
196-200	HD 35814	05:27	-12:41	57	10s	
201	WMP			7		
202	Mrk 1072	03:55	+21:02	57	2m	
203	WMP			7		
204-206	HD 24534			57	10s	
207	WMP			7		
208-210	HD 25408			57	5s	
211	WMP			7		
212-214	HD 3071			57	2s	
215	WMP			7		
216-218	HD 30710			57	4s	
219	WMP			7		
220-229	BTAS			0	0s	
230-231	FLAT			0	6s	
240-245	DARK					15m - still some weak structure @ red end of ccd.