

60 inch Telescope log

Observer: P Berlin

PI: Kochanek & Pahr & Falco

Spectrograph: FAST

Grating: 3000, 3" slit -

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Date: 9/14/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-7	DARK				15s	Normal set-up
8-20	BIAS				0s	
21-30	FLAT				7s	
31-40	BIAS				0s	
41-50	FLAT				14s	
51-55	sky			57	2s	solid clouds
56	WMP			↑		clearing
57	ZMJ210407	21:04	+13:15	88	7m	open ~ 8 <sup>pm</sup>
58	WMP			↑		
59	Z14335	21:43	+14:00	88	6m	to to W
60	WMP			↑		clearing even more!
61	Z22309	22:23	+32:06	88	3m	
62	WMP			↑		
63	Z23155	22:31	+74:21	88	3m	
64	WMP			↑		
65	Z22834	22:38	+75:20	88	3m	
66	WMP			↑		
67	Z22989	22:39	+74:37	88	4m	
68	WMP			↑		
69	Z223949	22:39	+34:11	88	3m	
70	WMP			↑		
71	Z224220	22:42	+21:06	88	3m	
72	WMP			↑		
73	Z225103	22:51	+31:22	88	3m	bin by 2 gal to W
74	WMP			↑		
75	Z225444	22:54	+34:12	88	10m	delay @ 18"
76	WMP			↑		
77	Z231151	23:11	+24:00	88	4m	clouds!
78	WMP			↑		

60 inch Telescope Log  
 Observer: PB  
 PI: KPF  
 Spectrograph: FAST  
 Grating: 3002  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
79	ZMJ231219	23:12	+28:43	88	3m	clouds!
80	COMP			↑		↳ to E
81	Z31512	23:12	+16:46	88	4m	
82	COMP			↑		
83	Z31416	23:14	+30:53	88	3m	
84	COMP			↑		
85	Z31558	23:15	+25:01	88	3m	
86	COMP			↑		
87	Z31600	23:16	+25:33	88	2m	
88	COMP			↑		
89	Z31745	23:17	+24:01	88	2m	
90	COMP			↑		
91	Z31854	23:18	+24:01	88	3m	
92	COMP			↑		
93	Z32224	23:22	+24:45	88	3m	
94	COMP			↑		
95	Z32327	23:23	+14:19	88	4m	
96	COMP			↑		
97	Z32458	23:24	+27:50	88	3m	
98	COMP			↑		
99	Z32558	23:25	+34:02	88	3m	
100	COMP			↑		
101	Z32653	23:26	+15:43	88	3m	
102	COMP			↑		
103	Z32703	23:27	+13:28	88	3m	
104	COMP			↑		
105	Z32709	23:27	+13:26	88	3m	* to W
106	COMP			↑		
107	Z32721	23:27	+31:32	88	3m	
108	COMP			↑		

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60 inch Telescope Log

Observer: PB  
 PI: K.P.F.

Spectrograph: FAST  
 Grating: 300R  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
109	2MJ233932	23:39	+28:55	88	2m	
110	COMP			↑		
111	234342	23:43	+26:42	88	2m	
112	COMP			↑		
113	235049	23:50	+28:33	88	3m	
114	COMP			↑		
115	235026	23:50	+24:33	88	2m	4/2 train in meson stopped by clouds wham.
116	COMP			↑		
117	235741	23:57	+32:46	88	2m	Open again. 1 sec 4/2
118	COMP			↑		
119	000103	00:01	+24:39	88	3m	
120	COMP			↑		
121	001412	00:14	+22:45	88	2m	
122	COMP			↑		
123	001513	00:15	+31:30	88	2m	
124	COMP			↑		
125	002024	00:20	+21:52	88	2m	
126	COMP			↑		
127	002217	00:22	+22:32	88	2m	
128	COMP			↑		
129	002349	00:23	+24:32	88	2m	
130	COMP			↑		
131	005645	00:56	+27:20	88	3m	wk - ok
132	COMP			↑		
133	010205	01:02	+26:57	88	2m	
134	COMP			↑		
135	010628	01:06	+21:52	88	2m	
136	COMP			↑		
137	005850	00:58	+42:32	88	2m	
138	COMP			↑		

60 inch Telescope Log

Observer: PB  
 PI: KGPSE

Spectrograph: FAST  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
139	2M2010139	01:07	+40:14	88	2m	
140	COMP			↑		
141	011102	01:11	+40:39	88	4m	
142	COMP			↑		
143	011118	01:11	+40:32	88	2m	
144	COMP			↑		
145	012847	01:28	+40:19	88	2m	
146	COMP			↑		
147	013653	01:36	+42:09	88	2m	
148	COMP			↑		
149	015324	01:53	+44:02	88	2m	wk ok
150	COMP			↑		
151	020801	02:08	+47:10	88	3m	
152	COMP			↑		
153	020941	02:09	+45:02	88	3m	
154	COMP			↑		
155	021310	02:13	+44:01	88	2m	
156	COMP			↑		more clouds
157	021428	02:14	+47:11	88	2.5m	
158	COMP			↑		
159	021041	02:10	+45:11	88	2m	North clump
160	COMP			↑		
161	021620	02:16	+46:17	88	2m	SS
162	COMP			↑		
163	021640	02:16	+49:58	88	2m	
164	COMP			↑		
165	021904	02:19	+44:53	88	2m	
166	COMP			↑		
167	021929	02:19	+45:57	88	2m	
168	COMP			↑		

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 PI: K.P.F

Spectrograph: FAST  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
169	2M5021950	02:19	+57:06	88	2m	
170	COMP			↑		
171-172	Fergello	23:17	-05:26	86	2m	PA=8 sec2=125
173	COMP			↑		format
174	2M5021941	02:19	+56:57	88	2m	
175	COMP			↑		
176	022005	02:20	+57:54	88	9m	
177	COMP			↑		
178	022014	02:20	+56:54	88	2m	
179	COMP			↑		
180	022031	02:20	+56:51	88	2m	
181	COMP			↑		
182	022055	02:20	+57:03	88	2m	
183	COMP			↑		
184	022076	02:20	+56:34	88	2m	
185	COMP			↑		
186	022094	02:20	+57:47	88	2m	Sig 1 !!
187	COMP			↑		
188	022075	02:20	+56:29	88	2m	
189	COMP			↑		
190	022050	02:20	+57:43	88	2m	
191	COMP			↑		
192	022098	02:20	+57:52	88	2m	
193	COMP			↑		
194	022050	02:20	+57:06	88	4m	bin by 2 star gal check cov
195	COMP			↑		star is at coords, not gal
196	023000	02:30	+57:05	88	2m	* + E
197	COMP			↑		
198	023006	02:30	+58:06	88	2m	
199	COMP			↑		

60 inch Telescope Log

Observer: PB  
 PI: K.P.F

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
200	ZMJ 023546	02:33	+21:29	88	2m	
201	OMP			↑		(Search for M <sub>31</sub> galaxies; they are stars!)
202	023538	02:33	+22:23	88	4m	
203	OMP			↑		
204	023527	02:33	+23:06	88	2m	
205	OMP			↑		
206	023623	02:36	+28:45	88	2m	
207	OMP			↑		
208	023702	02:37	+20:25	88	2m	
209	OMP			↑		
210	023747	02:37	+31:25	88	90s	
211	OMP			↑		
212	023807	02:38	+58:56	88	90s	
213	OMP			↑		
214	024126	02:42	+52:47	88	90s	
215	OMP			↑		
216	024442	02:44	+17:20	88	2m	
217	OMP			↑		
218	024728	02:47	+16:50	88	2m	
219	OMP			↑		
220	024916	02:49	+14:34	88	3m	
221	OMP			↑		
222	025052	02:50	+16:07	88	2m	
223	OMP			↑		
224	025050	02:50	+27:34	88	2m	
225	OMP			↑		
226	025051	02:50	+27:13	88	2m	
227	OMP			↑		
228	025103	02:51	+19:16	88	4m	
229	OMP			↑		

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PI: <u>K.P.F</u>			Date: <u>9/14/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
230	2M50502S	03:10	+19:26	88	2m	
231	COMP			↑		
232	031235	03:12	+19:49	88	4m	
233	COMP			↑		
234	031506	03:13	+28:38	88	4m	
235	COMP			↑		
236	032124	03:21	+25:40	88	3m	
237	COMP			↑		
238	033533	03:37	+25:40	88	2m	
239	COMP			↑		
240	033817	03:38	+19:23	88	2m	
241	COMP			↑		
242	225m280	00:41	+41:05	87	4m	c.o.p.
243	COMP			↑		(check MF #'s)
244	034135	03:41	+13:33	88	2m	
245	COMP			↑		
246	034558	03:45	+18:37	88	2m	
247	COMP			↑		
248	034903	03:49	+17:03	88	5m	
249	COMP			↑		
250	040230	04:02	+21:37	88	2m	
251	COMP			↑		
252	040247	04:02	+19:20	88	2m	
253	COMP			↑		
254	040506	04:05	+18:58	88	2m	
255	COMP			↑		
256	040521	04:05	+22:14	88	2m	
257	COMP			↑		
258	040910	04:09	+21:26	88	90s	
259	COMP			↑		

60 inch Telescope Log

Observer: PB  
 PI: Krishnar G K P H S Huchra G Calcut

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
260	SN1999dq	02:34	+10:58	Z	20m	PA=0
261	COMP			↑		
262	ZMJ02573	02:29	+84:01	88	8m	
263	COMP			↑		
264	OS0540	05:05	+76:04	88	12m	bad place to point -NE
265	COMP			↑		
266	OS124	05:12	+75:55	88	12m	
267	COMP			↑		
268	OS2956	05:29	+74:30	88	3m	* to W (bright)
269	COMP			↑		
270	ZM0203 EW	02:03	+21:00	68	1m	km by Z; close EW pair
271	COMP			↑		
272	ZM02225	02:22	+25:08	68	8m	ISL. S <sub>1</sub> !
273	COMP			↑		
274	ZM02354	02:35	+22:16	68	5m	
275	COMP			↑		
276	ZM02494	02:49	+13:26	68	3m	
277	COMP			↑		
278	ZM02264	02:26	+24:47	68	4m	
279	COMP			↑		
280	ZM02518	02:51	+18:46	68	3m	
281	COMP			↑		
282	ZM02206	02:20	+21:12	68	3m	
283	COMP			↑		
284	G191B2B	05:01	+52:45	56	2m	PA=28
285	COMP			↑		
287	NH0170	04:59	-04:8	57	3m	
288	COMP			↑		
289-291	FUOr	05:45	+01:04	89	10s	
292	COMP					



60 inch Telescope Log  
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 PI: Calvet  
 Spectrograph: FAST  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
303307	ABAr	04:50	42	89	45	
303308	CMO			↑		
303312	BTAS				03	
303312	FLAT				73	
303332	BSMS				03	
303342	FLAT				145	
303352	DARK				20	