

60 inch Telescope Log

Observer: P. Berlin

PI: Al

Spectrograph: FAST

Grating: 300L

Date: 3/27/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				7s	
31-40	BIAS				0s	Citrus ground
41-50	FLAT				14s	nike sunset
51-55	sky	Zenith		57	2s	
56	COMP			↑		
57-59	HD 53847	07:06	+08:52	57	2s	
60	COMP			↑		
61-63	HD 50868	06:55	+05:26	57	2s	
64	COMP			↑		
65-67	HD 50169	07:01	-01:07	57	5s	
68	COMP			↑		
69-71	HD 50896	06:52	-02:58	57	5s	
72	COMP			↑		
73-75	HD 57062	07:18	-24:33	57	2s	
76	COMP			↑		
77-78	Hiltner 60	06:42	+02:11	56	1m	PA=2
79	COMP			↑		
80-82	CICam	04:19	+55	107	30-100s	
83	COMP			↑		
84	OS 068p6831	05:12	+68:26	60	5m	
85	COMP			↑		
86	OS 062p6625	05:13	+66:27	60	4m	
87	COMP			↑		
88	OS 157p7217	05:21	+72:19	60	2m	
89	COMP			↑		
90	OS 167p7255	05:16	+72:57	60	2m	
91	COMP			↑		

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 PI: Falco

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
92	05231p6412	05:23	+64:12	60	2m	
93	WMP			↑		
94	05261p6741	05:31	+67:43	60	2m	
95	WMP			↑		48"
96	05265p6734	05:31	+67:36	60	3m	
97	WMP			↑		
98	05310p8226	05:31	+82:26	60	6m	
99	WMP			↑		
100	05381p6855	05:43	+68:56	60	2m	
101	WMP			↑		
102	05407p6110	05:45	+64:01	60	2m	
103	WMP			↑		
104	05437p6651	05:43	+66:51	60	3m	
105	WMP			↑		
106	05513p6843	05:51	+68:43	60	3m	
107	WMP			↑		
108	05510p6425	05:55	+64:25	60	4m	barbyz gal E+W gals
109	WMP			↑		gal compact gal
110	06050p8029	06:05	+80:29	60	8m	NW gal
111	WMP			↑		
112	06060p8028	06:06	+80:28	60	6m	SE gal
113	WMP			↑		
114	06022p6444	06:07	+64:10	60	4m	ok
115	WMP			↑		
116	06036p6444	06:08	+64:43	60	2m	
117	WMP			↑		
118	06082p6435	06:13	+64:33	60	2m	
119	WMP			↑		
120	06091p6443	06:14	+64:42	60	2m	
121	WMP			↑		

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 PI: Andi Huchra

Spectrograph: FAST  
 Grating: 302  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
122	06117pb631	06:16	+66:30	60	3m	
123	COMP			↑		
124	SN1999aa	08:27	+71:29	2	20m	PA=21
125	COMP			↑		
126	ngc 5076.296	10:08	+13:37	59	7m	
127	COMP			↑		
128	.297	10:09	+14:43	59	7m	
129	COMP			↑		
130	.302	10:09	+14:08	59	8m	
131	COMP			↑		
132	.301	10:09	+14:51	59	8m	
133	COMP			↑		
134	.303	10:09	+14:43	59	8m	
135	COMP			↑		
136	N3227	10:20	+20:07	6	3m	
137	COMP			↑		
138-139	Fesp34	10:36	+43:21	56	90s	
140	COMP			↑		
141	MRK421	11:01	+38:28	6	4m	
142	COMP			↑		
143	ZM12059.5	12:01	+27:09	68	5m	
144	COMP			↑		
145	ZM12000.2	12:02	+18:34	68	5m	
146	COMP			↑		
147	ZM120017.0	12:06	+14:38	68	6m	1016
148	COMP			↑		
149	ZM121015.3	12:10	+14:06	68	8m	
150	COMP			↑		
151	N481	12:10	+38	6	30s	
152	COMP			↑		

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 PI: Geller

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
153	12388p2808	12:38	+28:28	64	7m	10:50
154	WMP			↑		
155	12402p2774	12:40	+27:74	64	6m	
156	WMP			↑		clouds moving in
157	12413p2708	12:43	+26:51	64	33m	
158	WMP			↑		
159	12416p2910	12:44	+29:10	64	35m	
160	WMP			↑		
161	12422p2810	12:44	+27:53	64	12m	
162	WMP			↑		
163	12462p2642	12:46	+26:42	64	6m	
164	WMP			↑		
165	12501p2721	12:52	+26:45	64	7m	
166	WMP			↑		
167	12514p2915	12:51	+29:15	64	6m	
168	WMP			↑		11:50
169	12525p2841	12:51	+28:25	64	4m	
170	WMP			↑		
171	12530p2844	12:55	+28:28	64	4m	
172	WMP			↑		
173	12541p2806	12:56	+27:09	64	23m	
174	WMP			↑		
175	12549p2722	12:56	+27:05	64	5m	
176	WMP			↑		
177	12546p2919	12:57	+29:03	64	23m	
178	WMP			↑		clearing.
179	321.055861	12:45	+29:25	64	12m	
180	WMP			↑		
181	12568p2820	12:59	+28:09	64	5m	
182	WMP			↑		12:30

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Observer: PB  
 PI: Geller & Kirchner

Spectrograph: F10T  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
183	101954p2811	10:19	+19:12	70	15m	PA=90
184	COMP			↑		
185	12573p2807	12:59	+29:51	64	2m	
186	COMP			↑		
187	12576p2804	12:57	+29:04	64	4m	
188	COMP			↑		
189	12571p2806	12:57	+29:06	64	5m	
190	COMP			↑		
191	12577p2811	12:59	+29:33	64	3m	
192	COMP			↑		
193	12581p2824	12:58	+28:24	64	4m	
194	COMP			↑		
195	12583p2836	12:58	+28:36	64	3m	
196	COMP			↑		
197	12585p2810	12:58	+28:10	64	3m	
198	COMP			↑		
199, 201	SN1999E	13:17	-18:37	2	20m	PA=7
202, 202	COMP			↑		
203	A1644D5135	12:57	-16:36	81	15m	
204	COMP			↑		
205	664	12:58	+17:26	81	8m	
206	COMP			↑		
207	658	12:53	+17:16	81	8m	
208	COMP			↑		
209	077	12:53	+17:04	81	7m	
210	COMP			↑		
211	12585p2810	13:00	+27:54	64	4m	
212	COMP			↑		
213	12587p2805	13:01	+27:49	64	6m	
214	COMP			↑		

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PI: Greller

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
215	12558 p2501	12:58	+28:04	64	4m	
216	COMP			↑		
217	12066 p2518	13:08	+28:03	64	4m	
218	COMP			↑		
219	13106 p2725	13:12	+27:08	64	6m	
220	COMP			↑		
221	13123 p3015	13:14	+29:59	64	9m	
222	COMP			↑		
223	321.016752	12:49	+27:22	64	3m	
224	COMP			↑		
225	321.012181	12:45	+28:45	64	4m	
226	COMP			↑		
227	321.016007	12:51	+28:55	64	5m	
228	COMP			↑		
229	N4853	12:58	+27:35	59	5m	
230	COMP			↑		
231-2	H244	13:27	+26:08	56	2m	PA=90
233	COMP			↑		nice distance
234	K001	12:58	+27:50	64	6m	PA=75°; along major axis
235	COMP			↑		
236	K002	12:59	+28:13	64	3m	PA=90
237	COMP			↑		
238	K003	12:59	+28:07	64	2m	
239	COMP			↑		
240	K004	12:59	+27:51	64	3m	
241	COMP			↑		
242	K005	12:59	+27:47	64	3m	
243	COMP			↑		
244	K006	12:59	+27:58	64	2m	
245	COMP			↑		

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
246	K007	12:59	+27:59	64	2m	
247	COMP			↑		
248	K008	12:59	+27:51	64	2m	
249	COMP			↑		
250	K009	12:59	+27:59	64	3m	
251	COMP			↑		
252	K010	12:59	+27:57	64	4m	Coma CD!
253	COMP			↑		
254	K 013	13:00	+27:58	64	3m	
255	COMP			↑		
256	SN1999ac	16:07	+09:58	2	15m	PA=14
257	COMP			↑		
258	N5846	15:03	+01:47	57	3m	
259	COMP			↑		
260	N5866	15:05	+55:57	57	3m	
261	COMP			↑		
262	N5548	14:25	+25:22	6	3m	
263	COMP			↑		
264	Z002073	13:01	+29:18	69	2m	
265	COMP			↑		
266	Z004005	12:56	+30:42	69	3m	
267	COMP			↑		
268	Z004006	13:01	+27:50	64	3m	
269	COMP			↑		
270-74	HD151121	16:44	+23:48	57	10s	
275	COMP			↑		
276-79	HD166802	18:12	+66:51	57	10s	
280	COMP			↑		clear @ dawn
281-290	TS7AS				0s	
291-300	FLAT				7s	
301-310	BIAS				0s	
311-320	FLAT				14s	
321-330	DARK				20m	