

60 inch Telescope log		Spectrograph: <u>FAST</u>		Page: <u>7160</u>		
Observer: <u>PBerlin</u>		Grating: <u>3002</u>		Date: <u>3/23/99</u>		
PI: <u>Falko</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIDS				0s	
21-30	FLAT				7s	hazy, windy
31-40	BIDS				0s	
41-50	FLAT				14s	bright sky
51-55	sky			59	2s	w/ moon
56	COMP			↑	5s	
57-59	HDS 2971	06:57	+1243	59	5s	
60	COMP			↑		
61-63	AGK 2p14783	07:17	+11:59	59	6s	
64	COMP			↑		
65-66	Hiltner 60	06:42	+0241	56	1m	-PA=5
67	COMP			↑		
68-70	CXCen	04:19	+5549	107	30-100s	
71	COMP			↑		
72	06126p6637	06:17	+6636	60	3m	
73	COMP			↑		
74	06123p6633	06:12	+6633	60	3m	
75	COMP			↑		
76	06146ps055	06:18	+9053	60	5m	
77	COMP			↑		
78	06171p5908	06:21	+5907	60	4m	bmbg 2, PA=100 gal to E
79	COMP			↑		* tow
80	06172p5908	06:21	+5907	60	2m	
81	COMP			↑		
82	06184p6437	06:23	+6437	60	2m	
83	COMP			↑		
84	0620p6436	06:25	+6433	60	2m	
85	COMP			↑		

60 inch Telescope Log  
 Observer: PB  
 PI: Falco/Huehna

Spectrograph: FAST  
 Grating: 300  
 Date: 3/23/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
86	06206p4522	06:25	+65:20	60	6m	LSB
87	WMP			↑		
88	06210p446	06:25	+64:44	60	6m	
89	WMP			↑		
90	06410p8402	06:55	+84:02	60	10m	LSB SW gal
91	WMP			↑		
92	06420p8408	06:56	+84:04	60	4m	NE gal
93	WMP			↑		
94	06488p6002	06:53	+89:57	60	6m	
95	WMP			↑		
96	06460p5102	06:54	+80:58	60	21m	
97	WMP			↑		
98	SN1999aa	06	+21	Z	20m	PA=57
99	WMP			↑		
100	ZM100059.6	10:40	+11:56	68	6m	wk NOT LONG ENOUGH
101	WMP			↑		
102	ZM100132.4	10:01	+14:20	68	7m	
103	WMP			↑		
104	ZM100216.2	10:02	+19:12	68	5m	
105	WMP			↑		
106	ZM100346.3	10:03	+23:21	68	5m	underexposed poor measurement
107	WMP			↑		
108	ZM100358.7	10:03	+22:15	68	8m	
109	WMP			↑		
110	ZM100557.0	10:05	+18:20	68	6m	
111	WMP			↑		
112	ZM100929.8	10:09	+13:49	68	4m	superposed star; sat & wk em
113	WMP			↑		
114	ZM101007.7 EW	10:11	+16:04	68	12m	PA=85 E+V comps
115	WMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>7162</u>	
Observer: <u>PB</u>				Grating: <u>3000</u>			
PI: <u>Huchra</u>				Date: <u>3/23/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
116	N3227	10:20	+20	6	3m		
117	COMP			↑			
118-119	Fairysy	10:26	+43	56	90s	PA=356	
120	COMP			↑			
121	MRK421	11:01	+38	6	4m		
122	COMP			↑			
123	ZM1011218	10:11	+1748	68	6m		
124	COMP			↑			
125	ZM101553	10:11	+19:32	68	6m		
126	COMP			↑			
127	ZM101228.1	10:12	+16:54	69	6m	→ to E ; gal to W	
128	COMP			↑			
129	ZM101252.1	10:12	+20:00	68	6m		
130	COMP			↑			
131	ZM1014050	10:14	+20:52	68	7m		
132	COMP			↑			
133	N4651	12:00	+44:48	6	2m		
134	COMP			↑			
135	N4651	12:08	+39:41	6	30s		
136	COMP			↑			
137	N4486B	12:30	+12:29	57	4m		
138	COMP			↑			
139	N4653	12:38	+27:35	57	4m		
140	COMP			↑			
141	A12492814	12:51	+27:57	64	4m	11:15 + → p	
142	COMP			↑			
143	322.040793	13:02	+32:05	64	4m		
144	COMP			↑			
145	I 3943	12:58	+28:06	64	4m		
146	COMP			↑			

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Observer: <u>PB</u>			Grating: <u>300L</u>			
PI: <u>Geller</u>			Date: <u>3/23/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
147	I3955	1259	+27.59	64	4m	
148	WMP			↑		
149	I3959	12:59	+27.46	64	4m	
150	WMP			↑		
151	I4011	13:00	+28.10	64	4m	
152	WMP			↑		
153	I4012	13:00	+28.04	64	4m	
154	WMP			↑		
155	I4021	13:00	+28.02	64	4m	
156	WMP			↑		
157	I4111	13:02	+28.04	64	8m	
158	WMP			↑		
159	N4778	12:50	+27.76	64	3m	
160	WMP			↑		
161	N4875	12:59	+27.51	64	4m	
162	WMP			↑		
163	N4895A	13:00	+28.10	64	4m	
164	WMP			↑		
165	N4943	13:03	+28.05	64	3m	
166	WMP			↑		
167	Z00187B	13:06	+29.05	64	2m	
168	WMP			↑		
169	Z001857	13:07	+28.54	64	3m	
170	WMP			↑		nice emission along tail
171	Z001873N	12:46	+28.43	64	8m	PA = 5° along axis + tail
172	WMP			↑		
173	Z001873S	12:46	+28.43	64	6m	PA = 37° along axis
174	WMP			↑		
175	Z001808.E	12:54	+29.76	64	5m	PA = 67° along axis
176	WMP			↑		

60 inch Telescope Log

Observer: PB  
 PI: Geller

Spectrograph: FAST  
 Grating: 3000  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
177	Z00165	13:01	+29:07	64	2m	PA=90
178	COMP			↑		
179	Z005356	13:06	+25:27	64	4m	
180	COMP			↑		
181	Z005403	13:00	+27:21	64	2m	
182	COMP			↑		
183	Z005406	13:02	+28:02	64	3m	
184	COMP			↑		
185	Z006255-N	12:58	+29:07	64	3m	
186	COMP			↑		
187	infall.a.24	12:59	+26:01	64	15m	*to W
188	COMP			↑		
189	Z006256	12:58	+27:00	64	2m	
190	COMP			↑		
191	SN1999an	12:01	+14:06	2	15m	PA=45
192	COMP			↑		
193-194	H-244	13:21	+32:23	56	2m	
195	COMP			↑		
196	Z010756	13:02	+28:12	64	4m	em
197	COMP			↑		
198	infall.a.42	13:03	+25:28	64	8m	
199	COMP			↑		
200	infall.a.47	13:04	+26:20	64	10m	
201	COMP			↑		
202	infall.b.21	12:48	+26:06	64	10m	
203	COMP			↑		
204	infall.b.29	12:52	+26:09	64	8m	comp to W
205	COMP			↑		
206	infall.c.06	13:05	+25:27	64	7m	
207	COMP			↑		

60 inch Telescope Log  
 Observer: PS  
 PI: Geller & Huchra  
 Spectrograph: F18  
 Grating: 300R  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
208	infall.c11	1706	+25:25	64	10m	
209	WMP			↑		
210	K010	1259	+27:57	64	3m	Camera cD again
211	WMP			↑		
212	K011	1259	+27:54	64	2m	
213	WMP			↑		
214	K012	1259	+28:02	64	3m	
215	WMP			↑		
216	K014	1260	+27:57	64	2m	<del>K014</del> K014
217	K014b	1360	+27:57	64	3m	
218	WMP			↑		
219	K015	1360	+28:12	64	2m	
220	WMP			↑		
221	MRK279	1351	+69:33	6	3m	
222	WMP			↑		
223	SBSM25606	1426	+60:29	6	11m	
224	WMP			↑		
225	ZM135112.2	13:51	+27:46	68	4m	
226	WMP			↑		
227	ZM135256.0	13:52	+27:21	64	3m	
228	WMP			↑		
229	ZM135510.4	13:53	+27:48	68	5m	
230	WMP			↑		
231	ZM135355.8	13:53	+27:18	64	3m	
232	WMP			↑		
233	ZM135326.7	13:53	+27:16	68	5m	
234	WMP			↑		
235	ZM135615.7	13:51	+27:54	64	4m	
236	WMP			↑		

60 inch Telescope Log

Observer: PB

PI: Huchra

Spectrograph: FAST

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
237	ZM134501	1345	+15:01	68	4m	
238	WMP			↑		
239	ZM134529	1345	+15:10	68	4m	
240	WMP			↑		
241	ZM134523	1344	+15:35	68	3m	
242	WMP			↑		
243	ZM1722p1148	1736	+11:48	68	11m	em
244	WMP			↑		
245	SN1999ac	1627	+07:58	2	15m	PA=15
246	WMP			↑		
247	N5848	14:15	+75:22	6	3m	
248	WMP			↑		
249	MRK 501	16:50	+39:45	6	5m	
250	WMP			↑		clear & down
251	N5866	15:05	+55:57	57	5m	
252	WMP			↑		
253-262	BIAS				0s	
263-272	FLAT				7s	
273-282	BIAS				0s	
283-292	FLAT				14s	
293-302	DARK				20m	