

60 inch Telescope Log

Observer: P Berlin
 PI: All

Spectrograph: FAST
 Grating: 300L
 Date: 1/12/99

Page: 0074

Number	Object	R. A.	Dec.	L/R	Exp	Comments
H0	DARK				15m	
11-20	BPTS				0s	clear stars!
21-30	FLAT				6s	
31-40	BPTS				0s	windy
41-50	FLAT				12s	
51-55	sky	Zenith		S7	2s	
56	WMP			↑	5s	
57-59	HD 218061	23:31	+71:58	S7	4s	
60	WMP			↑		
61-63	HD 218066	23:04	+63:03	S7	5s	
64	WMP			↑		
65-67	HD 218997	23:11	+58:41	S7	6s	
68	WMP			↑		
69-71	HD 218393	23:07	+50:11	S7	4s	
72	WMP			↑		
73-75	HD 220310	23:22	+56:20	S7	4s	
76	WMP			↑		
77-79	HD 224085	23:54	+61:50	S7	4s	
80	WMP			↑		
81-83	HD 217086	27:54	+62:27	S6	3s	
84	WMP			↑		
85-86	M32	00:35	+42:35	S7	30s	
87	WMP			↑		
88	225m280	00:11	+41:03	S7	4m	
89	WMP			↑		
90	MRK 335	00:03	+19:55	6	3m	
91	WMP			↑		
92	N7469	23:03	+08:52	6	2.5m	
93	WMP			↑		

60 inch Telescope Log

Observer: PB

PI: Kenny

Spectrograph: FAST

Grating: 300L

Date: 1/12/99

Page: 6875

Number	Object	R.A.	Dec.	L/R	Exp	Comments
94	Akn 567	22:42	+25:43	6	3m	
95	WMP			↑		
96-97	BDP25424	21:48	+28:37	56	40s	
98	WMP			↑		
99	021907p5706	21:19	+57:06	83	4m	h+k per - crated fields many stars in slit
100	WMP			↑		object always @ rows 75-80 unless noted
101	021907p77063	02:19	+57:06	83	4m	SW+
102	021906p57064	02:19	+57:06	83	6m	NE+
103	WMP			↑		
104	021907p5709	02:19	+57:09	83	30s	
105	021907p5710	02:19	+57:10	83	3m	
106	WMP			↑		
107	021909p570614	02:19	+57:06	83	30s	S
108	021909p570621	02:19	+57:06	83	7m	M
109	021909p570630	02:19	+57:06	83	45s	N
110	WMP			↑		
111	021911p570715	02:19	+57:07	83	1m	SW etc +
112	021912p570726	02:19	+57:07	83	4m	M
113,115	021913p570741	02:19	+57:07	83	45s	NE x 2 (#113,115)
114	WMP			↑		
116-117	021913p571007	02:19	+57:10	83	0.5, 1s	superficial! p=
118	021913p570915	02:19	+57:09	83	15m	faint - 3 stars we want.
119	WMP			↑		
120	021906p5709	02:19	+57:09	83	10m	
121	WMP			↑		
122	021914p5708	02:19	+57:08	83	15m	
123	WMP			↑		
124	021913p571106	02:19	+57:11	83	7m	NW+
125	021914p571101	02:19	+57:11	83	6m	SE+
126	WMP			↑		

→ file 118: 021913p570915, 021916p570911, 021914p570912
 (rows 77-79) (rows 103-105) (rows 88-91)
 (118) (121) (119)

60 inch Telescope Log

Observer: PB

PI: Kemp

Spectrograph: FAST

Grating: 300R

Page: 6876

Date: 1/12/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
127	021914p570929	02:19	+57:09	83	20m	PA=70 also in slit to E
128	COMP	rows 75-78		↑		is 021915p570929 (rows 84-87)
129	021915p570856	02:19	+57:05	83	2m	
130	COMP			↑		Secrecy worse
131	021915p570859	02:19	+57:08	83	2m	
132	COMP			↑		
133	021915p571116	02:19	+57:11	83	3m	
134	COMP			↑		
135	021915p570936	02:19	+57:09	83	3m	
136	021916p570837	02:19	+57:08	83	3m	late
137	COMP			↑		
138	021916p570547	02:19	+57:05	83	7m	S*
139	021916p570554	02:19	+57:05	83	10m	N*
140	COMP			↑		
141	021916p571058	02:19	+57:10	83	15s	
142	COMP			↑		
143	021917p570707	02:19	+57:07	83	90s	
144	COMP			↑		
145	021917p570650	02:19	+57:08	83	3m	S*
146	021917p570857	02:19	+57:08	83	4m	N*
147	COMP	02:19	57:08	↑		
148	021918p570811	02:19	+57:08	83	15m	
149	COMP			↑		
150	021919p570820	02:19	+57:08	83	8m	
151	021920p570828	02:19	+57:09	83	15m	brighter * to W brighter * to E
152	COMP			↑		
153	021922p570827	02:19	+57:08	83	90s	
154	021925p570649	02:19	+57:06	83	90s	
155	COMP					

021915p570929 = ^{file} 128

60 inch Telescope Log

Observer: PB

PI: Kenny

Spectrograph: FAST

Grating: 300R

Date: 1/12/99

Page: 6877

Number	Object	R. A.	Dec.	L/R	Exp	Comments
156-7	021926p570141	02:19	+57:04	83	20s, 8s	em pec!
158	OMP			↑		
159	021927p57008	02:19	+57:06	83	10s	
160	OMP			↑		
161	021928p570203	02:19	+57:07	83	20s	em
162	OMP			↑		
163	021927p57139	02:19	+57:13	83	2m	
164	OMP			↑		
165	021927p57091	02:19	+57:09	83	20s	SW * ckc; late *
166	021928p57014	02:19	+57:09	83	2m	NE *
167	OMP			↑		
168	021928p570109	02:19	+57:09	83	8m	
169	021929p57014	02:19	+57:09	83	2m	
170	OMP			↑		
171	021929p570013	02:19	+57:06	83	6m	
172	OMP			↑		
173	021929p571123	02:19	+57:11	83	45s	em
174	OMP			↑		
175	G191B2B	05:21	+57:45	56	2m	
176	OMP			↑		
177-179	CICan	04:19	+55:59	107	2520, 90s	
180	OMP			↑		
181	Baboon	06:05	+27:44	160	8m	
182	OMP			↑		
183	Akatio	05:13	-00:12	6	3m	
184	OMP			↑		
185-186	Hiltner10	06:42	+02:11	56	1m	
187	OMP			↑		
188	NG 5027.103	04:19	+71:07	59	7m	
189	OMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6878</u>
Observer: <u>PB</u>				Grating: <u>300L</u>		
PI: <u>And. Das/Krishner</u>				Date: <u>1/12/99</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
190	NGC 5027.091	09:17	+16:51	S9	8m	em
191	COMP			↑		
192	.092	09:17	+17:06	S9	12m	seemy is better
193	COMP			↑		
194	.093	09:18	+16:48	S9	6m	
195	COMP			↑		
196	.095	09:18	+16:59	S9	8m	
197	COMP			↑		
198	.096	09:18	+17:26	S9	6m	
199	COMP			↑		
200	.097	09:18	+17:45	S9	15m	PA=80 LSB
201	COMP			↑		em - extended
202	.098	09:18	+17:33	S9	6m	
203	COMP			↑		
204	.099	09:18	+17:31	S9	11m	Cosmic ray on top of H α
205	COMP			↑		
206	.100	09:18	+17:26	S9	12m	
207	COMP			↑		
208	.101	09:18	+17:59	S9	12m	em
209	COMP			↑		
210	.102	09:19	+17:16	S9	9m	
211	COMP			↑		
212	Mkn 2.019	10:21	-03:37	35	20m	PA=5 to avoid sup * redo from 12/26/98
213	COMP			↑		
214	-054	10:24	-03:15	35	7m	
215	COMP			↑		
216	-053	10:28	-03:16	35	4m	
217	COMP			↑		
218, 220, 222	SN 1998S	11:46	+47:28	2	20m	*3
219, 221, 223	COMP			↑		

204 cosmic on top of H α ; did not use emtemp for final velocity although it has highest τ .

60 inch Telescope Log

Observer: PB

PI: Jan

Spectrograph: FAST

Grating: 3002

Date: 1/12/99

Page: 6879

Number	Object	R.A.	Dec.	L/R	Exp	Comments
224	Faye 34	10:26	+43	56	90s	
225	COMP			f		
226	MKW 2-040	10:24	-02:54	35	5m	
227	COMP			f		
228	-041	10:27	-03:50	35	8m	Faint group strong em
229	COMP			f		pec!
230	-043	10:26	-03:54	35	4m	
231	COMP			f		
232	-048	10:28	-03:50	35	10m	
233	COMP			f		
234	-050	10:27	-03:57	35	4m	
235	COMP			f		W comp = star
236	-051	10:25	-03:30	35	6m	bimby 2 E+W comps
237	COMP			f		em E comp! wk-k
238	-052	10:27	-03:51	35	6m	em; huge cosmic ray
239	COMP			f		
240	-055	10:25	-03:40	35	12m	em
241	COMP			f		
242	-056	10:26	-03:29	35	4m	
243	COMP			f		
244	-057	10:24	-04:40	35	12m	
245	COMP			f		
246	-058	10:25	-02:17	35	5m	wk
247	COMP			f		
248	-61	10:29	-02:57	35	5m	
249	COMP			f		seeing worse
250	-64	10:24	-02:59	35	6m	
251	COMP			f		
252	-69	10:29	-02:52	35	5m	
253	COMP			f		

228 very interesting merging galaxies - extremely strong 3727

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6880</u>
Observer: <u>PB</u>				Grating: <u>300L</u>		
PI: <u>Huchra & Kishner</u>				Date: <u>1/12/99</u>		
Number	Object	R. A.	Dec.	L/R	Exp	Comments
254	2M105814.1	10:58	+23:30	68	3m	
255	COMP			↑		
256	2M115003.8	11:50	+16:49	68	3m	
257	COMP			↑		
258	2M115728.7	11:57	+16:31	68	3m	
259	COMP			↑		
260	2M115936.3	11:59	+13:46	69	2m	
261	COMP			↑		
262	2M114825.6	11:49	+18:56	68	2m	
263	COMP			↑		
264	SN1999A	15:07	+54:45	2	5.22m	99A! faint 18.2
265	COMP			↑		PA-56
267	MRK259	13:51	+69:33	6	3m	
268	COMP			↑		
269	N5548	14:25	+25:22	6	3m	
270	COMP			↑		
271	H244	13:21	+76:23	56	2m	
272	COMP			↑		
273	N4451	12:04	+39:41	6	30s	
274	COMP			↑		
275	2M115088.9	11:50	+14:44	68	2m	
276	COMP			↑		
277	2M115033.3	11:50	+17:51	68	3m	
278	COMP			↑		
279-281	HD 97154	11:4	+12:49	57	4s	
282	COMP			↑		
283-285	HD 97211	11:4	+16:49	57	4s	
286	COMP			↑		
287-289	HD 103036	11:51	+04:45	57	4s	
290	COMP			↑		

