

Fax to: Susan Tokarz

60 inch Telescope Log

Observer: R Berlin

PI: JPH

Spectrograph: FAST

Grating: 300R

Date: 11/2/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	FLAT blue				20s	tilt = 580.0
21-30	BIAS				0s	
31-40	FLAT				7s	
41-50	BIAS				0s	Cirrus all over
51-60	FLAT				14s	
61-65	SKY	zenith		S7	2s	
66	WMP			↑		
67-69	HD192251			S6	5s	
70	COMP			↑		
71-72	BDP 28424	21:48	+28:37	S6	30s	
73	WMP			↑		
74	N7331	22:37	+34:25	S7	2m	
75	WMP			↑		
76	ZM205750.0	20:37	+23:02	G8	5m	
77	WMP			↑		
78	XTE J1858.22	18:58	+22	G5	12m	PA=67
79	WMP			↑		
80	ZM205806.3	20:38	+24:53	G8	6m	PA=90 ↓
81	WMP			↑		
82	ZM205824.7	20:38	+18:53	G8	4m	
83	WMP			↑		
84	ZM20102.5	20:40	+19:18	G8	5m	NW gal * + E
85	WMP			↑		
86	ZM201019.9	20:40	+19:19	G8	4m	SE gal
87	WMP			↑		
88	ZM204032.2	20:40	+21:34	G8	4m	
89	WMP			↑		
90	ZM204224.0	20:42	+13:44	G8	5m	
91	WMP			↑		

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Observer: <u>PB</u>		Grating: <u>300L</u>		Date: <u>11/2/99</u>		
PI: <u>JPH et al</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
92	ZM204325.7	20:48	+22:16	68	8m	bin by 2 * to W
93	COMP			↑		
94	ZM205147.7	20:51	+20:03	68	6m	
95	COMP			↑		
96	ZM209110.6	20:54	+18:52	68	4m	
97	COMP			↑		
98	ZM205655.9	20:56	+22:01	68	6m	* to E+W
99	COMP			↑		
100	ZM205634.8	20:56	+20:05	68	5m	
101	COMP			↑		
102	ZM205619.0	20:56	+28:19	68	5m	
103	COMP			↑		
104	ZM205628.9	20:56	+22:10	68	5m	
105	COMP			↑		
106	ZM205631.2	20:56	+15:20	68	4m	mir-c
107	COMP			↑		
108	Akn 564	22:42	+29:43	6	5m	
109	COMP			↑		
110-1	SN1999el	20:37	+66:06	2	2m/2m	PA=110
112	COMP			↑		
113	NT169	23:03	+06:52	6	2m	PA=0
114	COMP			↑		
115	Ferello	23:17	-05:26	56	2m	
116	COMP			↑		
117	all 96.044	00:47	-00:07	64	4m	
118	COMP			↑		
119	043	00:57	-10:35	64	4m	
120	COMP			↑		
121	041	01:06	-10:37	64	7m	
122	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Anne & Scott

Spectrograph: FAST
 Grating: SWL
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
123	11196-045	01:01	-03:04	64	7m	
124	COMP			↑		
125	049	01:08	-03:05	64	7m	
126	COMP			↑		clouds increasing
127	050	01:09	-03:34	64	8m	
128	COMP			↑		
129	021826p57143	02:18	+57:14	83	5m	
130	COMP			↑		
131	021822cp5710	02:18	+57:10	83	8m	*'s to E+W
132	COMP			↑		
133	021827p5701	02:18	+57:04	83	5m	
134	COMP			↑		
135	021827p5707	02:18	+57:07	83	4m	
136	COMP			↑		
137	021828p5705	02:18	+57:05	83	9m	*'s to E+W
138	COMP			↑		
139	021827p5709	02:18	+57:09	83	5m	
140	COMP			↑		
141	021832p5710	02:18	+57:10	83	5m	
142	COMP			↑		
143	021832p5714	02:18	+57:14	83	10m	
144	COMP			↑		
145	021832p5715	02:18	+57:15	83	5m	
146	COMP			↑		
147	021833p5701	02:18	+57:01	83	4m	
148	COMP			↑		
149	021833p5708	02:18	+57:08	83	6m	* to E
150	COMP			↑		
151	021834p5655	02:18	+56:55	83	6m	
152	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Amc

Spectrograph: FAST
 Grating: 3002
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
153	021875p5715	02:18	+5715	83	8m	
154	COMP			↑		
155	021876p5659	02:18	+5659	83	4m	
156	COMP			↑		
157	021876p5700	02:18	+5700	83	4m	
158	COMP			↑		
159	021876p5717	02:18	+5717	83	6m	
160	COMP			↑		
161	021877p5724	02:18	+5701	83	9m	PA=45 to avoid bit ←
162	COMP			↑		
163	021878p5722	02:18	+5702	83	15m	
164	COMP			↑		
165	021878p5715	02:18	+5715	83	10m	
166	COMP			↑		clouds
167-9	021879p5727	02:18	+5701	83	5m, 15m	
168-170	COMP			↑		
171	021879p5705	02:18	+5705	83	15m	
172	COMP			↑		
173	021879p5713	02:18	+5713	83	7m	
174	COMP			↑		
175	021879p5715	02:18	+5715	83	6m	
176	COMP			↑		
177	COMP			↓		
178	SN1999em	04:41	+0251	2	4m	PA=-20 (bimby's)
179-181	SN1999em r	"	"	2	5m	PA=-20
182	COMP			↑		
183	COMP blue			↑		Filter=580.0 ↓
184-186	SN1999em blue	"	"	2	5m	PA=-15
187	COMP blue			↑		

60 inch Telescope Log

Observer: PB

PI: Calvet / Falco

Spectrograph: FAST

Grating: 302

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
188	H214.6 line	04:41	+10:59	56	6m	filte=580.0 PA=-15
189	COMP			f		
190	SN1999ek	05:26	+16:38	2	20m	filte=610.0 PA=-38
191	COMP			f		
192	qu sol 638057	05:31	-01:55	112	7m	PA=-4 L
193	COMP			f		
194	qu sol 637588	05:26	+0:10	112	7m	
195	COMP			f		
196	qu sol 638079 NW	05:24	-01:59	112	4m	
197	qu sol 638079 SE	05:21	-01:59	112	3m	
198	COMP			f		
199	qu sol 638385 NS	05:32	-01:45	112	5m	close pair; blended
200	COMP			f		
201	qu sol 638876	05:32	+02:10	112	2m	
202	COMP			f		
203	qu sol 639033	05:33	-02:20	112	6m	P
204	COMP			f		
205	qu sol 651335	05:28	-01:09	112	6m	PA=04
206	COMP			f		
207	qu sol 652117	05:30	-02:08	112	9m	
208	COMP			f		
209	qu sol 652422	05:29	-01:25	112	8m	
210	COMP			f		
211	2M J064855	06:48	+50:22	88	3m	
212	COMP			f		
213	2M J065442	06:54	+50:25	88	3m	
214	COMP			f		
215	2M J0701526	07:01	+47:39	88	2m	
216	COMP			f		

60 inch Telescope Log

Observer: PB

PI: Falco

Spectrograph: FAST

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
217	ZM307069	07:02	+4710	88	2m	
218	WMP			f		
219	ZM30707557	07:07	+5745	88	2m	
220	WMP			f		
221	ZM30707518.6	07:05	+4712	88	2m	
222	WMP			f		
223	ZM30707588	07:12	+5957	88	2m	
224	WMP			f		
225	ZM307139	07:13	+4434	88	5m	*'s to W
226	WMP			f		
227	ZM30714179	07:14	+4527	88	10m	
228	WMP			f		
229	Hiltner 60	0642	+4824	86	45	PA=0
230	WMP			f		clouds increasing
231	ZM3072557	07:25	+2957	88	6m	PA=90
232	WMP			f		
233	ZM3071716	07:17	+4308	88	4m	
234	WMP			f		
235	ZM30714045	07:21	+3949	88	4m	
236	WMP			f		
237	ZM3072121	07:21	+4708	88	3m	more clouds.
238	WMP			f		
239	ZM307349	07:31	+4149	88	6m	
240	WMP			f		
241	ZM3075124	07:41	+5122	88	2m	
242	WMP			f		
243	ZM3075454	07:44	+5350	88	10m	
244	WMP			f		
245	ZM307572	07:57	+5640	88	7m	
246	WMP			f		
247	WMP			f		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>7740</u>	
Observer: <u>PB</u>			Grating: <u>300</u>			
PI: <u>Falco</u>			Date: <u>11/2/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
248	2M3071506	0715	+8546	48	5m	
249	COMP			↑		
250	2M3071751	0717	+8500	88	2m	
251	COMP			↑		
252	HDS2071	0657	+87	57	55	
253	COMP			↑		
256-265	BTAS				0s	
266-275	FLAT				7s	
276-285	BTAS				0s	
286-295	FLAT				14s	
296-300	DARK				20m	clouds all over @ dawn

370 +3
372 +1