

60 inch Telescope Log

Observer: CALKINS

PI: Ally, Kitchner, Maserole, Falco

Spectrograph: FACT

Grating: 300L

Date: 3/24/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	BIAS				0s	
41-50	FLAT				12s	
51-55	sky			#57	2s	
56	comp			↑		
57	Hiltner 600	6 45	2 08	#56	90s	
58	comp			↑		
59	HDS 2921	7 00	27 09	#57	5s	
60	comp			↑		
61	Akn 120	5 16	-00 08	#6	5m	star west
62	comp			↑		
63	SN 1999aa	8 27	21 29	#2	15m	PA = 54.0°
64	comp			↑		
65	NG 0934p 554	9 33	55 05	#56	1m	PA = 53.0°
66	comp			↑		
67	MS 2384	6 41	9 32	#82	202m	star east
68	comp			↑		
69	Pra 448	8 41	19 16	#82	12m	
70	comp			↑		
71	Pra 267	8 39	19 21	#82	15m	
72	comp			↑		
73	07412p 7505-155	7 47	74 55	#60	20m	
74	comp			↑		
75	07320p 8541	2 48	85 33	#60	1m	correct I.D.?
76	comp			↑		
77	07446p 6311	7 49	63 04	#60	7m	
78	comp			↑		
79	07453p 6134	7 49	61 26	#60	4m	

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Observer: CALYKINS

PI: Falco, Ali, Koranyi

Spectrograph: FAST

Grating: 100L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
80	comp			↑		
81	10108m0217	10 13	-2 31	<sup>11</sup> 60	8m	(weak spectra) PA=105
82	comp			↑		
83	10112m0040	10 13	-00 54	<sup>11</sup> 60	15m	
84	comp			↑		
85	10152m0208	10 17	-2 22	<sup>11</sup> 60	12m	
86	comp			↑		
87	N5187-13.8	10 17	21 52	<sup>11</sup> 60	20m	
88	comp			↑		
89	10169m0305	10 19	-3 20	<sup>11</sup> 60	5m	
90	comp			↑		
91	10158m0018	10 21	-00 33	<sup>11</sup> 60	4m	
92	comp			↑		
93	10198p7851	10 23	78 34	<sup>11</sup> 60	17m	
94	comp			↑		
95	10210m0036	10 24	-00 52	<sup>11</sup> 60	10m	
96	comp			↑		
97	10221m0204	10 24	-2 19	<sup>11</sup> 60	12m	
98	comp			↑		
99	10221p0640	10 24	06 25	<sup>11</sup> 60	6m	
100	comp			↑		
101	10223m0038	10 24	-00 53	<sup>11</sup> 60	6m	circus overhead
102	comp			↑		
103	N3227	10 20	20 07	<sup>11</sup> 60	3m	
104	comp			↑		
105	M76 421	11 04	38 12	<sup>11</sup> 60	4m	
106	comp			↑		
107	N4258	12 18	47 18	<sup>11</sup> 60	2m	
108	comp			↑		
109	M424-i.045	12 06	2 32	<sup>11</sup> 35	20m	

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
110	comp			↑		
111	mkw4-i.018	12 08	27 40	↑ F35	15m	
112	comp			↑		
113	mkw4-i.050	12 04	27 29	↑ F35	17m	POOR
114	comp			↑		
115	mkw4-i.053	12 04	27 53	↑ F35	16m	weak spectra
116	comp			↑		
117	322.015072	12 57	27 01	↑ F64	5m	
118	comp			↑		
119	322.015498	12 56	27 03	↑ F64	4m	
120	comp			↑		
121	322.020087	12 58	27 21	↑ F64	7m	(redo?)
122	comp			↑		
123	322.020827	12 57	27 24	↑ F64	10m	
124	comp			↑		
125	322.021511	12 58	27 27	↑ F64	10m	very weak, clouds do 2nd exp.
126	comp			↑		
127	322.021511	12 58	27 27	↑ F64	10m	
128	comp			↑		
129	322.022071	12 58	27 29	↑ F64	20m	in/out of cirrus
130	comp			↑		
131	322.022344	12 57	27 29	↑ F64	15m	
132	comp			↑		
133	322.022912	12 58	27 32	↑ F64	12m	
134	comp			↑		
135	322.022992	12 56	27 32	↑ F64	5m	
136	comp			↑		
137	322.025856	12 56	27 43	↑ F64	15m	BEAUTIFUL!
138	comp			↑		
139	322.027022	13 01	27 48	↑ F64	4m	

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PI: Geller, Kirshner, Kozsany

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
140	comp			↑		
141	322.027184	12 57	22 48	#64	15m	
144	comp			↑		
145	sum 3-i.031	14 24	26 37	#35	8m	
146	comp			↑		
147	sum 3-i.034	14 25	26 04	#35	15m	
148	comp			↑		
149	sum 3-i.038	14 23	26 22	#35	17m	more clouds--red? 11000
150	comp			↑		
151	BIP 332642	15 51	32 56	#56	4m	almost clouded out!
152	comp			↑		
153-162	BIAS				0s	
163-172	FLAT				60s	
173-182	BIAS				0s	
183-192	FLAT				120s	
193-202	DARK				1500s	

no 202 on sparky or on archive tape