

60 inch Telescope Log

Observer: CALKINS

PI: All, Kirshner, Murzelolle

Spectrograph: FAST

Grating: 300L

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Date: 4/10/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	DARK				15m	
6-15	BIAS				0s	
16-25	FLAT				6s	
26-35	BIAS				0s	
36-45	FLAT				12s	
46	Hiltner 600	6 45	2 08	#56	3m	
47	comp			↑		
48	HDS2971	7 00	27 09	#57	5s	
49	comp			↑		
50	Akn120	5 16	00 09	#6	3m	
51	comp			↑		
52	Feige 34	10 39	43 05	#56	90s	PA = 73°
53	comp			↑		
54	sm199909	8 27	21 28	#2	15m	PA = 32°
55	comp			↑		
56	Pra 334	8 40	19 43	#82	30s	PA = 90°
57	comp			↑		
58	Pra 322	8 39	19 18	#82	40s	
59	comp			↑		
60	Pra 197	8 37	19 26	#82	90s	
61	comp			↑		
62	Pra 435	8 41	19 45	#82	90s	
63	comp			↑		
64	Pra 361	8 37	19 27	#82	90s	
65	comp			↑		
66	Pra 173	8 37	19 42	#82	2m	
67	comp			↑		
68	Pra 463	8 41	19 15	#82	2m	
69	comp			↑		
70	Pra 342	8 40	19 37	#82	4m	

60 inch Telescope Log

Spectrograph: FASTObserver: CALKINSGrating: 200LPage: 7223PI: Musserolle, All, theora, KirshnelDate: 4/6/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
71	comp			↑		
72	Pra 332	8 40	19 46	#82	9m	
73	comp			↑		
74	Pra 196	8 37	19 35	#82	4m	
75	comp			↑		
76	Pra 127	8 36	19 11	#82	4m	
77	comp			↑		
78	Pra 306	8 39	19 26	#82	8m	
79	comp			↑		
80	Pra 448	8 41	19 15	#82	10m	(Binby 2)
81	comp			↑		
82	Pra 267	8 39	19 31	#82	15m	
83	comp			↑		
84	M3227	10 20	20 07	#6	3m	
85	comp			↑		
86	M3K421	11 04	38 12	#6	3m	
87	comp			↑		
88	M4051	12 03	44 31	#6	2m	
89	comp			↑		
90	M4151	12 10	39 23	#6	30s	
91	comp			↑		
92	M4258	12 18	47 18	#6	2m	
93	comp			↑		
94	2M114458.0p	11 44	16 31	#68	20m	
95	comp			↑		
96-98	SN1998S	11 46	47 28	#2	20m	galaxy "east"
99	comp			↑		PA=0°
100	2M114526.8p	11 45	20 57	#68	15m	
101	comp			↑		
102	2M114719.2p	11 47	17 11	#68	5m	

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Observer: Calkins Falko

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Grating: 300L

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PI: Huchra, Geller, Kirshner

Date: 4/6/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
102	comp			↑		
104	2M114752.4p	11 47	19 09	#68	6m	
105	comp			↑		
106	2M114759.5p	11 47	20 47	#68	6m	
107	comp			↑		
108	2M114813.3p	11 48	19 26	#68	4m	
109	comp			↑		
110	2M114943.7p	11 49	23 26	#68	3.5m	
111	comp			↑		
112	2M115019.6p	11 50	19 24	#68	4m	
113	coma			↑		
114	322.028411	12 57	27 53	#64	6m	
115	comp			↑		
116	322.029339	13 02	27 57	#64	12m	
117	comp			↑		
118	322.032385	12 58	28 07	#64	10m	
119	comp			↑		
120	322.041954	13 05	28 44	#64	6m	
121	comp			↑		
122	322.043118	13 04	28 48	#64	10m	circus moving in
123	comp			↑		
124	SN1999bg	12 04	62 29	#2	15m	PA = 55°, circus
125	comp			↑		
126	2M134956.2p	13 44	23 01	#68	15m	
127	comp			↑		
128	2M133413.5p	13 34	63 35	#68	15m	star west
129	comp			↑		
130	2M132202.7p	13 22	25 29	#68	5m	(redo?)
131	comp			↑		(wait out clouds)
132	2M132543.9p	13 25	17 15	#68	5m	

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Observer: <u>CALKINS</u>				Grating: <u>300L</u>			
PI: <u>Barton Kirchner</u>				Date: <u>9/6/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
133	comp			↑			
134	no99L-450	15 40	28 21	#73	12m		
135	comp			↑			
136	sn1999ac	16 07	7 57	#2	20m	thru cirrus, PA=0°	
137	comp			↑			
138	no99L-451	15 42	22 49	#73	8m		
139	comp			↑			
140	no99L-452	15 42	23 46	#73	8m		
141	comp			↑			
142	no99L-454	15 49	20 46	#73	20m	galaxy west	
143	comp			↑			
144	no99L-455	15 52	21 06	#73	15m		
145	comp			↑			
146	no99L-456	15 53	21 04	#73	12m		
147	comp			↑			
148	no99L-457	15 56	41 52	#73	15m	clouds - reds?	
149	comp			↑			
150	BDp 332642	15 51	32 57	#57	90s		
151	comp			↑			
152-158	sky			#57	1s		
159	comp			↑			
158-167	BIAS				0s		
168-177	FLAT				60s		
178-187	BIAS				0s		
188-197	FLAT				12s		
198-207	DARK				15m		