

60 inch Telescope Log

Observer: CALKINSPI: Kirchner, CarterSpectrograph: FASTGrating: 300 LDate: 5/30/98Page: 6288

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-12	DARKS				15m	Binby 4
13-22	BIAS				0s	
23-32	FLATS				6s	
33-42	BIAS				0s	BINARY 2
43-52	FLATS				12s	
53-57	sky			57	2c	Binby 4
58	comp			↑		
59	Feige 34	10 39	43 06	#56	100s	
60	comp			↑		
61	NGC 48	19 17	25 07	#6	3m	
62	comp			↑		
63	MRK 219	13 53	69 18	#6	3m	
64	comp			↑		
65	N4051	12 03	49 31	#6	2m	High cirrus
66	comp			↑		
67	N4853	12 58	27 35	#57	7m	
68	comp			↑		
69	Feige 34	10 39	43 06	#56	100s	
70	comp			↑		
71-73	SN 1998 bu	10 46	11 50	#2	5m	Binby 2
74	comp			↑	12s	
75	SN 1998 ag	11 56	55 07	#2	10m	increased exposure due to clouds
76	comp			↑		
77, 78	H 244	13 23	36 07	#56	2m	
79	comp			↑		
80	2013796	14 57	27 25	#75	8m	
81	comp			↑		
82	2013797	14 59	26 36	#75	15m	star to the east
83	comp			↑		
84	2010063	15 04	28 30	#75	10m	star to the east

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>6289</u>		
Observer: <u>CALKINS</u>		Grating: <u>300 L</u>		Date: <u>5/30/98</u>		
PI: <u>CALTER, BARTON</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	comp			↑		
86	2005419	15 04	27 47	#75	4m	
87	comp			↑		
88	2010064	15 04	26 58	#75	5m	bright star to sw
89	comp			↑		
90	2000945	14 57	29 58	#75	12m	star to the west
91	comp			↑		
92	nopt-441	15 35	39 46	#73	3m	
93	comp			↑		
94	nopt-442	15 36	39 50	#73	4m	bright star to the west
95	comp			↑		
96	nopt-443	15 35	43 29	#73	2m	
97	comp			↑		
98	nopt-444	15 36	43 30	#73	4m	
99	comp			↑		
100	nopt-447	15 38	26 15	#73	5m	
101	comp			↑		
102	nopt-449	15 40	28 21	#73	4m	
103	comp			↑		
104	nopt-450	15 40	28 22	#73	4m	
105	comp			↑		
106	nopt-451	15 42	23 47	#73	5m	
107	comp			↑		
108	nopt-452	15 42	23 46	#73	5m	star to the east
109	comp			↑		
110	nopt-453 + 454	15 49	20 48	#73	8m	nopt-454 is to the east
111	comp			↑		
112	nopt-455	15 52	21 06	#73	5m	beautiful barred spiral
113	comp			↑		
114	nopt-456	15 53	21 04	#73	4m	

112 - emission present, but didn't pick it up with TRACE - get medium only

60 inch Telescope Log  
 Observer: Calkins  
 PI: Barton, Kirchner, McIntock,  
 Spectrograph: FAST  
 Grating: 300 L  
 Date: 5/30/98  
 Page: 6290

Number	Object	R.A.	Dec.	L/R	Exp	Comments
115	comp			↑		
116	no991-457	15 56	41 53	#73	4m	
117	comp			↑		
118	no991-458	15 56	41 54	#73	6m	
119	comp			↑		
120	no991-459	15 56	20 45	#73	10m	
121	comp			↑		
122	no991-462	15 59	41 28	#73	15m	star to the east
123	comp			↑		clouds returning
124	no991-463	16 00	41 29	#73	5m	star to the SW
125	comp			↑		
126	no991-466	16 04	14 46	#73	5m	
127	comp			↑		
128	sn1998bp	17 54	18 20	#2	22m	barely discernable
129	comp			↑		Binby 2
130	comp			↓		Binby 4, 1.1 slit
131	441907p09	19 09	09 49	#77	15m	
132	441907p09	19 09	09 49	#77	15m	
133	comp			↑		
134	HD230579	19 04	11 06	#77	25s	
135	comp			↑		
136-142	FLAT			#77	20s	
143	E343327	16 22	40 29	#64	6m	3" slit
144	comp			↑		
145	E343777	16 23	40 40	#64	10m	
146	comp			↑		
147	E34420	16 25	37 51	#64	6m	
148	comp			↑		
149	E344279	16 25	40 31	#64	10m	
150	comp			↑		

60 inch Telescope Log  
 Observer: Calkins  
 PI: RINES

Spectrograph: FAST  
 Grating: 300 L  
 Date: 5/31/98 5/30/98 (be) Page: 6291

Number	Object	R.A.	Dec.	L/R	Exp	Comments
151	E34472	16 25	37 56	#64	3m	
152	comp			↑		
153	E345105	16 26	40 41	#64	3m	
154	comp			↑		
155	E34528	16 25	37 51	#64	4m	
156	comp			↑		
157, 158	HD192281	20 10	40 00	#5.6	5s	
159	comp			↑		
160-162	CIC yg	19 50	35 40	#12	20s	
163	comp			↑		
164-173	BIAS				0s	Binby 4
174-183	FLATS				6s	
184-193	BIAS				0s	Binby 2
194-203	FLATS				12s	
204-213	DARKS				15m	Binby 2