

60 inch Telescope Log

Observer: PBerlino

PI: Falco

Spectrograph: FAST

Grating: 30L

Date: 4/21/99

Page: 7292

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				7s	clouds.
31-40	BIAS				0s	bright moon.
41-50	FLAT				14s	
51-55	sky			57	5s	
56	COMP			↑	5s	
57-59	HDS2971	06:57	+27:13	57	4s	
60	COMP			↑		
61-62	Fairys4	06:36	+43:21	56	90s	PA=low
63	COMP			↑		
64	MRK421	11:01	+38:28	6	3m	
65	COMP			↑		
66	N3227	10:20	+20:07	6	3m	
67	COMP			↑		
68	06514p659	06:56	+64:56	60	5m	
69	COMP			↑		
70	06546p646	06:59	+64:11	60	4m	
71	COMP			↑		
72	06552p658	06:59	+63:24	60	4m	
73	COMP			↑		
74	06591p542	07:03	+57:37	60	3m	
75	COMP			↑		
76	07430p8638	07:03	+86:37	60	5m	
77	COMP			↑		clearing
78	07006p648	07:03	+64:02	60	4m	
79	COMP			↑		
80	07041p6103	07:06	+61:18	60	4m	
81	COMP			↑		

157.48

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Page: 7293

Number	Object	R. A	Dec.	L/R	Exp	Comments
82	06480 p8645	07:08	+86:54	60	3m	a few clouds
83	COMP			f		bright moon
84	07020 p8101	07:10	+80:58	60	10m	LSB * to E on
85	COMP			f		
86	07059 p7307	07:11	+73:04	60	12m	
87	COMP			f		
88	06580 p8551	07:15	+88:46	60	4m	
89	COMP			f		
90	07050 p 8506	07:17	+85:00	60	21m	
91	COMP			f		
92	08570 p6677	08:41	+66:76	60	4m	
93	COMP			f		
94	08546 p6510	08:45	+64:58	60	3m	
95	COMP			f		
96	09210 p6447	09:25	+64:33	60	5m	
97	COMP			f		
98	09211 p6445	09:25	+64:31	60	6m	
99	COMP			f		
100	09236 p6839 N	09:27	+68:24	60	4m	N
101	09236 p6839 S	09:27	+68:24	60	4m	S clump
102	COMP			f		
103	09238 p6840	09:28	+68:25	60	4m	
104	COMP			f		
105	1005110107	10:57	+10:36	59	6m	
106	COMP			f		
107	, 110	10:57	+10:53	59	6m	
108	COMP			f		
109	.111	10:58	+10:34	59	6m	
110	COMP			f		

11093

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 Page: 7294

Number	Object	R.A.	Dec.	L/R	Exp	Comments
111	Arg 110.112	10:58	+11W	59	8m	windy.
112	COMP			f		
113	.114	10:59	+10W	59	7m	* to E
114	COMP			f		
115	.117	10:59	+09:50	59	7m	
116	COMP			f		
117	.117	"	"	59	7m	
118	COMP			f		
119	.118	10:59	+11:11	59	8m	
120	COMP			f		
121	.120	10:59	+10:04	59	10m	beautiful
122	COMP			f		
123	mkw4-1009	12:01	+01:55	35	15m	
124	COMP			f		
125	.020	12:03	+01:07	35	10m	
126	COMP			f		
127	.022	11:59	+01:52	35	15m	
128	COMP			f		
129	B25	12:01	+01:49	35	15m	
130	COMP			f		
131	.026	12:04	+01:08	35	15m	
132	COMP			f		
133	.030	12:03	+00:51	35	15m	
134	COMP			f		
135	.031	12:08	+02:29	35	15m	
136	COMP			f		
137	N4061	12:00	+44:28	6	3m	
138	COMP			f		
139.0	N4151	12:08	+36	6	30s	
144	COMP			f		

1 26 34
 2 8-11m 34
 2:41.25 74 32.5 74 110 457

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Page: 7295

Number	Object	R. A.	Dec.	L/R	Exp	Comments
142	MRK279	13:51	+69:33	G	3m	
143	Comp			f		
144	H214	13:21	+36	S6	2m	
145	Comp			f		
146	N5548	14:22	+25:21	G	3m	
147	Comp			f		
148	ALM3_i.029	14:30	+24:53	3S	15m	er
149	Comp			f		
150	.033	14:19	+25:56	3S	15m	
151	Comp			f		
152	.037	14:21	+24:52	3S	15m	
153	Comp			f		
154	.051	14:24	+24:16	3S	15m	
155	Comp			f		
156	.052	14:23	+24:58	3S	15m	+ to E poor but G
157	Comp			f		
158	.054	14:32	+26:11	3S	15m	
159	Comp			f		
160	.055	14:22	+26:18	3S	15m	
161	Comp			f		
162	.057	14:24	+24:20	3S	15m	
163	Comp			f		
164	.058	14:25	+24:28	3S	15m	
165	Comp			f		
166	.059	14:20	+24:31	3S	15m	
167	Comp			f		
168	.069	14:35	+26:22	3S	8m	high - no. ~9200 km/sec
169	Comp			f		
170	.068	14:27	+26:09	3S	8m	
171	Comp			f		

