

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>4762</u>	
Observer: <u>PBarlind</u>			Grating: <u>300; 3" slit; 6mby7</u>			
PI: <u>Wilkes/Kenyon</u>			Date: <u>6/20/96</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BLAS			0	05	rain clouds 145+14
11-20	FLAT			0	65	
21-25	sky			0	25	7:46
26	COMP			↑	55	
27-32	HD131156 N+S	14:51	+15:06	0	15	
33	COMP			↑		
34-36	HD 13324	15:02	+25:00	0	15	
37	COMP			↑		
38-40	HD 134083	15:07	+24:52	0	25	
41	COMP			↑		
42-44	HD 155722	15:15	+33:18	0	15	
45	COMP			↑		
46-47	Ferze66	12:34	+25:20	0	45	-8:20
48	COMP			↑		
49	N4151	12:08	+79	6	30s	
50	COMP			↑		
51	MRK271	13:51	+69:35	6	90s	
52	COMP			↑		
53	N5548	14:45	+25:22	6	2m	
54	COMP			↑		
55-56	N5866	15:05	+55:57	0	4m	x2
57	COMP			↑		
58	MRK421	11:01	+38:28	6	4m	
59	COMP			↑		
60	TXCUm	12:44	+36:45	12	30s	
61	COMP			↑		
62-64	RAgr	13:34	-25:22	12	10s, 15s, 20s	
65	COMP			↑		
66-67	BDM21+28973	14:16	-21:45	12	90s, 60s	
68	COMP			↑		

60 inch Telescope Log

Observer: PSPI: Huchra & KirshnerSpectrograph: FASTGrating: 3002, 3"Page: 4763Date: 6/20/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
69	12419 p0348AD	12:41	+03:48	1	15m	read from 6/17
70	COMP			↑		
71	A1217 p1750E	12:17	+17:50	1	12m	W is very faint + diffuse
72	COMP			↑		
73	12320 p0417	12:32	+06:40	1	15m	em
74	COMP			↑		
75	12266 p0052	12:26	+00:52	1	15m	em
76	COMP			↑		
77	SN 1996ai	13:10:58	+37:03:35	2	15m	6m by 2
78	COMP			↑		
79	H211	13:21	+36:23	0	90s	6m by 4
80	COMP			↑		
81	12461 p0106	12:46	+01:06	1	15m	bright super em ⁵¹¹ Ha
82	COMP			↑		
83	12490 p0818	12:49	+06:18	1	15m	em ++++
84	COMP			↑		
85	12495 p0649	12:49	+06:49	1	7m	
86	COMP			↑		
87	12505 p0557	12:50	+07:57	1	20m	VLSB weak features
88	COMP			↑		
89	12538 p0143	12:53	+07:43	1	8m	
90	COMP			↑		
91	12544 p0225	12:54	+08:25	1	20m	12m stopped by clouds ^{needed} → reduced counts ^{more}
92	COMP			↑		
93	1314 p0713E	13:11	+07:13	1	6m	
94	COMP			↑		
95	13145 p0555	13:14	+05:55	1	6m	
96	COMP			↑		
97	329.165351	16:09	+32:29	3	10m	Ha
98	COMP			↑		close due to clouds + rain drops @ MMT

60 inch Telescope Log

Observer: PIB

PI: Geller & Schlegel

Spectrograph: FAST

Grating: 300L

Date: 6/20/96

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
99	329.15685	16:12	+32:06	3	3m	em lost 1.5 hrs to clouds
100	COMP			↑		
101	329.155825	16:12	+32:04	3	4m	stopped by clouds again - read
102	COMP			↑		now that was a classic sucker hole!
103	Cand 4.3	18:56:56	+68:31:31	50	4m	north M*
104	COMP			↑		
105	Cand 4.2	18:56:56	+68:31:19	50	3m	South G*
106	COMP			↑		
107	Cand 3.4	19:06:30	+68:16:59	50	3m	M*
108	COMP			↑		clear here
109	Cand 3.5	19:06:30	+68:16:58	50	16m	bin by 2 K*
110	COMP			↑	8s	close comp to E
111, 113	Cand 3.6	19:06:26	+68:16:48	50	4m	mostly cloud - F*
112, 114	COMP			↑		heavy cloud
115	LICmg	19:36	+70	12	3m	solid cloud
116	COMP			↑		
117-126	BIAS			0	0s	
127-136	FLAT			0	6s	
137-146	BIAS			0	0s	bin by 2
147-156	FLAT			0	12s	bin by 2