

## 60 inch Telescope Log

Observer: N. GrayPI: Wilkes/Kirshner/Huchra/GraySpectrograph: FASTGrating: 3000Page: 4749Date: 6/15/96

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0		clouds around
11-20	FLAT			0		
21-5	sky			0		bin by 4/10 Still looking
26-30	sky			0		bin by 2) at flat lamp!!
31-35	sky			0		bin by 4: true sky
36	Comp			↑		
37	N5866	15:05	55:57	0	210 s	vel. std.
38	Comp.			↑		
39	BD <sub>p</sub> 332640	15:50	33:05	0	60s.	sp. std.
40	Comp.			↑		
41	N4051	12:00	44:48	6	2m.	
42	Comp			↑		
43	N4151	12:08	39:41	6	30s.	
44	Comp			↑		
45-6	sn 1996W	11:59	-19:15	2	15m.	
47	Comp			↑		
48	10143 p 0400	10:14	04:00	1	20m.	
49	Comp			↑		
50	10224 p 0328	10:22	03:28	1	15m.	
51	Comp			↑		
52	MRX 279	13:51	69:33	6	90s.	
53	Comp			↑		
54	N5548	14:15	25:22	6	2m.	
55	Comp			↑		
56	14015 p 3348	14:01	33:48	42	20m.	
57	Comp			↑		
58	14065 p 2730	14:06	27:30	42	20m.	
59	Comp.			↑		
60	J4583	15:44	23:47	42	10m.	
61	Comp			↑		

really  
flats

60 inch Telescope Log

Observer: N. Gugin  
 PI: Gugin/Geller/Kenyon.

Spectrograph: FAST

Grating: 300L

Page: 4745

Date: 6/15/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
62	J1138	15:46	26:21	42	10m.	clouds across field
63	Comp			↑		
64	15479 p 2457	15:49	24:57	42	13m.	
65	Comp			↑		
66	15488 + 2310	15:48	23:10	42	12m.	
67	Comp			↑		
68	322.024650	12:59	27:39	3	5m.	oops! no finding chart for this galaxy
69	Comp.			↑		
70	322.040112	13:04	28:37	3	10m.	em.
71	Comp			↑		
72	322.043676	13:08	28:50	3	12m.	
73	Comp			↑		
74	322.061875	13:14	30:00	3	10m.	
75	Comp			↑		
76	162654 m 241019	16:26	-24:10	30	15m.	p Oph galaxy
77	Comp			↑		
78	162738 m 245127	16:27	-24:51	30	20m.	cloud obscuration
79	Comp			↑		
80	162857 m 242805	16:28	-24:28	30	12m.	
81	162903 m 245214	16:29	-24:52	30	20m.	oops, forgot comp!
82	Comp			↑		
83	Comp	16:28	-24:28			moved back to earlier pos'n
84	329.123053	16:09	30:40	3	10m.	
85	Comp			↑		
86	329.124036	16:05	30:42	3	10m.	
87	Comp.			↑		
88	329.125867	16:17	30:46	3	12m.	
89	Comp			↑		
90	329.126059	16:15	30:47	3	11m.	heavy clouds in way
91	Comp			↑		

## 60 inch Telescope Log

Observer: N. GogginPI: Goggin/Kenyon/Wilkes/BartonSpectrograph: FASTGrating: 300 lPage: 4746Date: 6/15/96

Number	Object	R. A.	Dec.	L/R	Exp	Comments
92	16310+3727	16:31	37:27	42	12m.	2 objects
93	Comp			↑		
94-6	CICyg	19:50	35:41	12	2, 20, 60s.	
97	Comp			↑		
98	HD192281	20:16	40:07	0	5s.	SR. 5H.
99	Comp			↑		
100	N7 331	22:34	34:09	0	5m.	Intermittent cloud cover
101	Comp.			↑		vol. 5H.
102	gr 85-gal B	23:21	27:04	33	20m.	Cloudy. redo?
103	Comp			↑		
104	gr 85-gal 03	23:20	26:26	33	10m.	
105	Comp			↑		
106	gr 85-gal 04	23:21	26:29	33	9m.	
107	Comp.			↑		
108	MRK 509	20:41	-10:54	6	1m.	Break in the clouds
109	Comp			↑		
110	gr 85-gal 05	23:20	27:12	33	5m.	Brightening sky
111	Comp			↑		
112-6	BIAS			0		binby 4
117-26	BIAS			0		binby 2
127-37	FLAT			0	12s.	↓
138-47	FLAT			0	6s.	binby 4
148-52	BIAS			0		↓
153-7	sky			0	10, 10, 10, 8, 8s.	binby 2
158	Comp			↑		