

60 inch Telescope Log  
 Observer: CALKINS  
 PI: Al, Kirshner, Tustin, Pines  
 Spectrograph: FAST  
 Grating: 300L  
 Date: 6/10/99  
 Page: 7417

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-3	DARK				15m	
4-13	BSAS				0s	
14-23	FLAT				6s	
24-33	BSAS				0s	
34-43	FLAT				12s	
44	H244	13 21	36 23	#56	2m	
45	comp			↑		
46	H244	13 21	36 23	#56	2m	PA=0°
47	comp			↑		
48	sn1999by	9 21	51 00	#2	15m	PA=90°
49	comp			↑		
50, 51	sn1999cl	12 32	14 25	#2	10m	PA=45°, Tilt=585
52	comp			↑		
53	H244	13 23	36 08	#56	2m	PA=105°, Tilt=585
54	comp			↑		
55	A1644_01	12 58	-17 08	#81	20m	clouds!
56	comp			↑		
57	A1644_03	12 55	-17 19	#81	20m	
58	comp			↑		
59	A1644_06	12 57	-17 53	#81	17m	Red
60	comp			↑		
61	A1644_07	12 57	-17 03	#81	20m	
62	comp			↑		
63	A1644_08	12 57	-17 07	#81	17m	
64	comp			↑		
65	sn1999cm	15 11	61 07	#2	20m	gal "east", PA=-24
66	comp			↑		
67	z199c.153	16 42	40 45	#64	5m	PA=110
68	comp			↑		
69	z199c.154	16 46	39 10	#64	7m	

60 inch Telescope log  
 Observer: COLLEINS  
 PI: Ramesh, Huchra  
 Spectrograph: FAST  
 Grating: 300L  
 Date: 6/10/99  
 Page: 7418

Number	Object	R.A.	Dec.	L/R	Exp	Comments
70	comp			↑		
71	2199c.155	16 46	45 25	*64	20m	object west
72	comp			↑		
73	2199c.156	16 47	37 25	*64	7m	star west
74	comp			↑		
75	2199c.157	16 47	38 39	*64	6m	
76	comp			↑		
77	2199c.158	16 47	42 39	*64	7m	
78	comp			↑		
79	2199c.159	16 48	39 30	*64	20m	
80	comp			↑		
81	2199c.160	16 48	39 38	*64	4m	
82	comp			↑		
83	2199c.161	16 48	39 54	*64	10m	
84	comp			↑		
85	2199c.162	16 48	40 01	*64	4m	
86	comp			↑		
87	2M180003	18 00	12 58	*68	5m	central spectra
88	comp			↑		
89	2M180022	18 00	12 26	*68	6m	
90	comp			↑		
91	2M180044	18 00	14 02	*68	8m	
92	comp			↑		
93	2M180149	18 01	33 24	*68	3m	bright star east
94	comp			↑		
95	2M180349	18 03	40 14	*68	10m	
96	comp			↑		
97	2M180413	18 04	30 36	*68	7m	PA=69°
98	comp			↑		
99	2M180453	18 04	39 40	*68	4m	

60 inch Telescope Log

Spectrograph: FAST

Observer: CALYSA

Grating: 3006

Page: 7/19

PI: Huchra, Falco

Date: 6/10/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
100	comp			↑		
101	ZM180517	18 05	30 46	"68	6m	
102	comp			↑		
103	ZM180607	18 06	22 38	"68	5m	
104	comp			↑		
105	ZM180611	18 06	21 20	"68	5m	
106	comp			↑		
107	ZM180656	18 06	30 14	"68	6m	
108	comp			↑		
109	ZM180659	18 07	30 16	"68	4m	star west
110	comp			↑		
111	ZM180910	18 09	30 19	"68	2.5m	
112	comp			↑		
113	18462p5020	18 47	50 23	"84F	2.5m	
114	comp			↑		
115	18588p2842	19 00	28 46	"84F	3m	
116	comp			↑		
117	19007p2714	19 02	27 18	"84F	10m	central spectra
118	comp			↑		
119	N6783-15.4	19 16	46 01	"84F	2.5m	object east
120	comp			↑		
121	19185p3044	19 20	30 49	"84F	5m	
122	comp			↑		
123	19269p6512	19 27	65 18	"84F	15m	object west
124	comp			↑		
125	19305p7200	19 29	72 06	"84F	3.5m	PA = 69°
126	comp			↑		
127	19310p3746	19 32	37 52	"84	3m	PA = 90°
128	comp			↑		
129	20264p2533	20 28	25 43	"84	2m	

60 inch Telescope Log

Spectrograph: FAST

Observer: CALISTO

Grating: 300L

Page: 7420

PI: FALCO, All

Date: 6/10/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
130	comp			↑		
131	2002p0959	20 22	10 09	F84	2m	
132	comp			↑		
133	2002p0144	20 02	01 52	F84	2m	
134	comp			↑		
135	2024m0225	20 26	2 16	F84	1m	stellar?
136	comp			↑		
137	N7331	22 37	34 25	F57	3m	
138	comp			↑		
139, 140	BDp284211	21 51	28 51	F56	20s	
141	comp			↑		
142-146	sky			F57	2s	
147	comp			↑		
148-157	BIAS				0s	
158-167	FLAT				6s	
168-177	BIAS				0s	
178-187	FLAT				12s	
188-197	DARK				15m	

135 superposed star