

60 inch Telescope Log

Observer: CALMANS

PI: All, Kenyon, Hedra

Spectrograph: FAST

Grating: 300L

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Date: 9/10/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARY.				15m	
11-20	BIAS				0s	Overcast @ sunset
21-30	FLAT				60s	
31-40	BIAS				0s	
41-50	FLAT				12s	
51	H192281	20 12	40 16	π 56	4s	clouds still around
52	comp			↑		
53	H192281	20 12	40 16	π 56	4s	PA=111°
54	comp			↑		
55	M31	00 42	41 16	π 57	60s	
56	comp			↑		
57, 58	V9195gr. p	19 03	-16 59	π 12	20,200	star west
59	comp			↑		
60, 61	CM91	19 03	-3 02	π 12	20,300	
62	comp			↑		
63, 64	H22m468	20 41	34 44	π 12	200,600	object east
65	comp			↑		
66, 67	V1329Cy9	20 51	35 34	π 12	20,120	
68	comp			↑		
69, 70	V407Cy9	21 02	45 46	π 12	20,600	
71	comp			↑		
72-74	AG99	21 51	12 37	π 12	1,10,30	
75	comp			↑		
76, 77	RA9r	23 43	-15 17	π 12	1,10	
78	comp			↑		
79	2M212217	21 22	29 23	π 28	6m	
80	comp			↑		
81	2M221911	22 19	17 55	π 68	3m	
82	comp			↑		
83	2M222128	22 21	12 30	π 68	6m	object west

<p>60 inch Telescope Log</p> <p>Observer: <u>CALYAN</u></p> <p>PI: <u>Huchra, Fazio, Bragg</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>3000 L</u></p> <p>Date: <u>9/10/99</u></p>
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
84	comp			↑		
85	2M222206	22 22	14 43	↑	5m	
86	comp			↑		
87	92-235	00 53	00 36	↑	110s	2" slit
88	comp			↑		
89	92-245	00 54	00 40	↑	18m	
90	comp			↑		
91	92-253	00 54	00 40	↑	21.5m	
92	comp			↑		
93	92-188	00 55	00 22	↑	30m	
94	comp			↑		
95	92-409	00 55	00 56	↑	110s	
96	comp			↑		
97	92-263	00 55	00 36	↑	260s	
98	comp			↑		
99	021817	2 18	57 12	↑	2m	
100	comp			↑		
101	021818	2 18	57 06	↑	5m	
102	comp			↑		
103	021818	2 18	57 13	↑	3m	
104	comp			↑		
105	021819	2 18	57 08	↑	2m	
106	comp			↑		
107	021819	2 18	57 14	↑	70s	
108	comp			↑		
109	021819	2 18	57 14	↑	20s	
110	comp			↑		
111	021820	2 18	59 03	↑	30s	
112	comp			↑		
113	021821	2 18	57 09	↑	4m	bright star west

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Observer: CALKINS

PI: BRASA

Spectrograph: FAST

Grating: 3006

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
114	comp			↑		
115	021822	2 18	57 03	#83	3m	
116	comp			↑		
117	021823	2 18	57 03	#83	5s	
118	comp			↑		
119	021824	2 18	57 07	#83	2.5m	
120	comp			↑		
121	021824	2 18	57 10	#83	20s	
122	comp			↑		
123	021824	2 18	57 12	#83	3m	
124	comp			↑		
125	021824	2 18	57 12	#83	3m	bright & east
126	comp			↑		
127	021826	2 18	57 08	#83	4m	2018 24 + 57 0837 moving
128	comp			↑		
129	021826	2 18	57 09	#83	20s	
130	comp			↑		
131	021826	2 18	57 12	#83	3m	bright & east
132	comp			↑		
133	021827	2 18	57 04	#83	5m	
134	comp			↑		
135	021827	2 18	57 08	#83	2m	
136	comp			↑		
137	021827	2 18	57 15	#83	30s	
138	comp			↑		
139	021827	2 18	57 15	#83	3.5m	
140	comp			↑		
141	021828	2 18	57 06	#83	3.5m	
142	comp			↑		
143	021828	2 18	57 10	#83	3m	2 objects west

used comp 24 for obj 125

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Observer: CALKINS

PI: Wagg, Kirshner, Rines

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
144	comp			↑		
145	021828	2 18	57 11	#83	10s	
146	comp			A		
147	sn1999dg	2 33	25 58	#2	20m	PA = 14°
148	comp			↑		
149	91196-008	1 04	-00 10	#64	4m	
150	comp			↑		
151	-009	1 01	-1 06	#64	12m	
152	comp			↑		
153	-010	00 57	-00 27	#64	3m	
154	comp			↑		
155	-011	1 03	-00 28	#64	12m	
156	comp			↑		
157	-012	1 04	-1 06	#64	5m	
158	comp			↑		
159, 160	sn1999dg	4 29	69 31	#2	20m	very faint!
161	comp			↑		
162	619152B	5 05	52 50	#56	3m	
163	comp			↑		
164-168	sky			#57	3s	
169	comp			↑		
170-179	FLAT				7s	2" slit
180-189	BIAS				0s	
190-199	FLAT				6s	
200-209	BIAS				0s	
210-219	FLAT				12s	
220-229	DARK				15m	