

60 inch Telescope Log

Observer: Rose Huchra

PI: Wilkes, Huchra

Spectrograph: FAST

Grating: 3002

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Date: 11/24/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-5	BIAS			-	-	bin by 4
6-15	Dark			-	900s	
16-25	BIAS				0s	
26-35	FLAT				6s	
36-45	BIAS				0s	bin by 2
46-55	FLAT				12s	
56-60	sky				2s	cirrus bin by 4
61	COMP					
62	BDp284211	21 48	28 37	56	45s	
63	COMP			↑		
64	BDp284211	21 48	28 37	56	45s	bin by 2
65	COMP			↑		
66	N7331	22 37	34 24	57	3m	bin by 4
67	COMP			↑		
68	MRK 509	20 41	-10 54	6	3m	
69	COMP			↑		
70	MRK 335	00 03	19 55	6	3m	
71	COMP			↑		
72	Zm0134040p27	01 34	27 52	68	5m	
73	COMP			↑		
74	Zm014716.6p38	1 47 46	38 58 46	68	10m	
75	COMP			↑		
76	Zm014539.3p36	1 45 39	36 26 26	68	12m	* low
77	COMP			↑		
78	Zm015116.8p34	1 51 16	34 18 58	68	10m	
79	COMP			↑		
80	Zm014817.9p36	1 48 17	36 09 00	68	10m	
81	COMP			↑		
82	Zm014554.5p38	1 45 54	38 08 06	68	12m	
83	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>Rines/Hachra</u>				Grating: <u>300L</u>		Page: <u>6723</u>
PI: <u>Hachra, Mahdavi</u>				Date: <u>11/24/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
84	2m015252.5p36	1 52 52	36 46 03	68	12m	
85	COMP			↑		
86	2m015328.1p23	1 53 28	23 59 52	68	4m	
87	COMP			↑		
88	2m015051.7p33	1 50 51	33 05 32	68	4m	
89	COMP			↑		
90	2m012214.6p25	1 22 14	25 43 47	68	3m	* to E
91	COMP			↑		
92	2m015100.7p26	1 51 00	26 47 18	68	3m	
93	COMP			↑		
94	2m014529.5p24	1 45 29	24 50 26	68	4m	* to W
95	COMP			↑		
96	srab102.153	1 30 02	2 25 03	59	5m	
97	COMP			↑		
98	srab102.159	1 30 16	2 25 27	59	6m	
99	COMP			↑		
100	srab102.160	1 30 14	2 24 52	59	3m	
101	COMP			↑		
102	srab102.164	1 30 43	1 25 21	59	10m	brood
103	COMP			↑		
104	srab102.165	1 30 50	2 36 52	59	10m	obj to W
105	COMP			↑		
106	srab102.167	1 31 13	1 39 16	59	10m	* to W
107	COMP			↑		
108	srab102.168	1 31 27	1 09 46	59	6m	* to W
109	COMP			↑		
110	srab102.115	1 26 05	1 40 49	59	8m	
111	COMP			↑		
112	srab102.117	1 26 10	2 02 36	59	8m	
113	COMP			↑		

60 inch Telescope Log

Observer: Rinkar Huchra

PI: Huchra, Mahdavi, Huchra

Spectrograph: FAST

Grating: 3001

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Date: 11/24/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
114	SN 1978es	1 37	5 51	2	15m	$\Delta = 37$, $H11 = 5950$
115	COMP			↑		
116	Feige 25	2 36	5 15	56	2m	$\Delta = 49$
117	COMP			↑		bin by 4 ↓ Tot 600
118	sr gb 102.118	1 26	00 58	59	10m] cm? pass the ~6615] H α
119	comp			↑		
120	sr gb 102.118	"	"	59	10m	
121	comp			↑		
122	sr gb 102.118	01 30 22	+01 31 16	59	720s	H α ? 6780
123	comp			↑		
124	2M 01540 + 3331	01 54 07	+33 31 32	68	300s]
125	comp			↑		
126	2M 01540 + 3331	"	"	68	300	
127	comp			↑		
128	2M 0155 p 3955	01 55 04	+39 55 47	68	420	
129	comp			↑		
130	2M 0148 p 3232	01 48 48	+32 33 05	68	200	
131	comp			↑		
132	2M 14955 p 3241	01 49 55	+32 47 38	68	300	
133	comp			↑		
134	2M 014602 p 3932	01 46 02	+39 52 02	68	200	emission
135	comp			↑		
136	2M 0153 p 3322	01 53 13	+33 22 02	68	200	
137	comp			↑		
138	2M 015122 p 3040	01 51 32	+30 40 47	68	240	
139	comp			↑		
140	2M 014942 p 3237	01 49 42	+32 37 30	68	200	
141	comp			↑		
142	2M 015202 p 3155	01 52 02	+31 55 16	68	360	
143	comp			↑		

60 inch Telescope Log
 Observer: Rines (Hutchon)
 PI: Hutchon, Garcia, Geller
 Spectrograph: FAs7
 Grating: 300 L
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
144	2m 015401 p3152	01 54 01	+31 52 26	68	200	
145	Comp			↑		
146	2m 015340 p3605	01 53 40	+36 05 46	68	720]
147	Comp			↑		
148	2m 015340 p3605			68	260	
149	Comp			↑		
150	2m 01 4818 +38 24	01 48 18	+38 24 34	68	900	
151	Comp			↑		
152	2m 015829 p3848	01 58 29	+38 48 45	68	900	
153	Comp			↑		
154-6	CI CAM	04 19 42	+55 59 58	107	2,20,90	
157	Comp			↑		
158	4.17mer 600	06 42 37	02 11 25	56	4053	820 star
159	Comp			↑		
160	a539.051224 p08	5 12 24	8 02 25	64	10m	
161	COMP			↑		
162	a539.051243 p06	5 12 42	6 19 09	64	12m	* to W
163	COMP			↑		
164	a539.051243 p07	5 12 43	7 24 34	64	12m	
165	COMP			↑		
166	a539.051246 p06	5 12 46	6 17 46	64	10m	em!
167	COMP			↑		
168	a539.051252 p09	5 12 52	9 26 47	64	8m	* to W, em!
169	COMP			↑		
170	a539.051307 p04	5 13 07	4 06 10	64	6m	
171	COMP			↑		
172	a539.051318 p07	5 13 18	7 44 19	64	12m	* to E
173	COMP			↑		
174	a539.051319 p07	5 13 19	7 37 19	64	8m	
175	COMP			↑		

60 inch Telescope Log

Observer: Rines/Huchra

PI: Geller, Panton

Spectrograph: FAST

Grating: 3001

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Date: 11/24/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
176	0539.051323 _{p0938}	5 13 23	9 36 40	64	4m	* to E
177	COMP			↑		
178	051324 _{p07}	5 13 24	7 31 34	64	8m	
179	COMP			↑		
180	051328 _{p07}	5 13 28	7 25 00	64	4m	obj to E
181	COMP			↑		
182	051329 _{p05}	5 13 29	5 03 58	64	8m	
183	COMP			↑		
184	051329 _{p06}	5 13 29	6 34 27	64	12m	
185	COMP			↑		
186	051330 _{p07}	5 13 30	7 25 08	64	4m	
187	COMP			↑		
188	051335 _{p07}	5 13 35	7 25 48	64	4m	obj to E
189	COMP			↑		
190	051336 _{p06}	5 13 36	6 39 33	64	8m	* to W
191	COMP			↑		
192	051338 _{p0725}	5 13 38	7 25 31	64	8m	
193	COMP			↑		
194	051308 _{p0631}	5 13 08	6 34 09	64	15m	nothing here
195	COMP			↑		
196	051344 _{p0157}	5 13 44	1 57 09	64	4m	
197	COMP			↑		
198	051352 _{p0157}	5 13 52	1 57 07	64	6m	
199	COMP			↑		
200	no gal -041, -040	9 10 09	22 50 19	73	18m	-041 to E, -040 to W
201	COMP			↑		(to E of -041)
202	no gal -047	9 15 15	40 55 02	73	15m	
203	COMP			↑		
204	SN suspect in above	9 15	40 55	2	10m	M star? bin by 2
205	COMP			↑		

NEC 2765

60 inch Telescope Log

Observer: Rines/Huchra

PI: Kirchner

Spectrograph: FAST

Grating: 300R

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
206, 207	SN 1998bu.	10 46	11 50	2	20m	
208	COMP			↑		
209	Feige 34	10 36	43 21	56		
210	COMP			↑		
211	Feige 34	10 36	43 21	2m		bin by 4
212	COMP			↑		
213-222	BIAS				0s	
223-232	FLAT				6s	
233-242	BIAS				0s	bin by 2
243-252	FLAT				12s	
253-262	DARK				15m	