

60 inch Telescope Log

Observer: CALXSNS

PI: All, Kenyon

Spectrograph: FAST

Grating: 300L

Date: 10/31/99

Page: 7702

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				7c	
31-40	BIAS				0s	
41-50	FLAT				14c	
51, 52	BDp284211	21 51	28 51	#56	30s	
53	comp			↑		
54, 55	BDp284211	21 51	28 51	#56	30s	
56	comp			↑		
57, 58	DDp284211	21 51	28 51	#56	30s	PA = 73°
59	comp			↑		
60	N7331	22 37	34 25	#57	3m	
61	comp			↑		
62	N7331	22 37	34 25	#57	3m	
63	comp			↑		
64	AKn5264	22 42	29 43	#6	5m	
65	comp			↑		
66	N7469	23 03	8 52	#6	2.5m	row 74
67	comp			↑		
68, 69	M1m21	12 34	-19 09	#12	10/100	row 75
70	comp			↑		
71, 72	Hen1341	17 08	-17 26	#12	50/500	
73	comp			↑		
74, 75	RTSer	17 39	-11 55	#12	10/100	
76	comp			↑		
77, 78	UUser	17 42	-15 22	#12	50/100	row 74
79	comp			↑		
80, 81	XXOph	17 43	-6 15	#12	5/45	
82	comp			↑		
83, 84	ZL50ph	17 50	-6 41	#12	5/20	

60 inch Telescope Log

Observer: Callin

PI: Kenny

Spectrograph: FAST

Grating: 300L

Page: 723

Date: 10/31/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	comp			↑		
86, 87	AS289	18 12	-11 59	12	5/10	
88	comp			↑		
89, 90	V2601 Sgr	18 38	-22 41	12	20/200	
91	comp			↑		
92, 93	AS316	18 42	-21 17	12	20/200	Row 74
94	comp			↑		
95, 96	MWC960	18 47	-20 04	12	11/100	Row 74
97	comp			↑		
98, 99	AS327	18 53	-24 22	12	30/100	
100	comp			↑		
101, 102	FN Sgr	18 53	-18 58	12	20/100	
103	comp			↑		
104, 105	V919 Sgr	19 03	-16 58	12	20/100	Row 75
106	comp			↑		
107-109	S149	18 18	27 27	12	70/100	
110	comp			↑		
111, 112	DPSer	18 44	5 03	12	60/120	Row 75
113	comp			↑		
114, 115	RJ105	18 35	1 47	12	2/100	
116	comp			↑		
117, 118	CMRgl	19 03	-3 02	12	30/300	
119	comp			↑		
120, 121	S164	19 28	-6 03	12	30/120	
122	comp			↑		
123-125	CNC79	19 24	50 15	12	1,5,30	
126	comp			↑		
127-129	HM Sgr	19 42	16 45	12	10,60	
130	comp			↑		
131, 132	AS360	19 45	18 37	12	10/100	

60 inch Telescope Log

Spectrograph: FAST

Observer: CALLANS

Grating: 300L

Page: 724

PI: Keryon, A11

Date: 10/31/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
133	comp			↑		
134-136	CICyg	19 50	35 41	#12	1,10,60	
137	comp			↑		
138-140	PVVul	20 21	21 34	#12	1,10,60	
141	comp			↑		
142-144	V1016Cyg	19 57	39 49	#12	1,10,60	
145	comp			↑		
146,147	Helix 467	20 35	20 11	#12	100/600	
148	comp			↑		
149,150	Helix 468	20 41	39 44	#12	100/600	
151	comp			↑		
152-154	S190	21 41	2 43	#12	1,10,60	
155	comp			↑		
156,157	V1329Cyg	20 50	35 35	#12	20/120	
158	comp			↑		
159,160	V407Cyg	21 02	45 46	#12	200/600	
161	comp			↑		
162-164	AGPer	21 51	12 37	#12	1,10,20	
165	comp			↑		
166-168	2And	03 37	48 49	#12	2,10,60	
169	comp			↑		
170,171	RAgr	23 43	-15 17	#12	1,10	
172	comp			↑		
173,174	EGAnd	0 44	40 40	#12	1,5	
175	comp			↑		
176-178	AxPer	1 36	54 14	#12	1,10,60	
179	comp			↑		
180,181	V741Per	1 36	54 15	#12	19,60	
182	comp			↑		
183	MRL335	00 06	20 12	#6	4m	

60 inch Telescope Log

Spectrograph: FAST

Observer: CALYSA

Grating: 200L

Page: 7725

PI: Comp

Date: 10/21/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
184	comp			↑		
185	571226	2 18	57 12	#83	10m	
186	comp			↑		
187	570946	2 18	57 09	#83	10m	
188	comp			↑		
189	571153	2 18	57 11	#83	16m	row 74
190	comp			↑		
191	571152	2 18	57 13	#83	8m	row 74
192	comp			↑		
193	571400	2 18	57 14	#83	8m	
194	comp			↑		
195	570633	2 18	57 06	#83	8m	
196	comp			↑		
197	570515	2 18	57 05	#83	5m	
198	comp			↑		
199	571123	2 18	57 11	#83	6m	
200	comp			↑		
201	571312	2 18	57 13	#83	7m	row 74
202	comp			↑		
203	570147	2 18	57 01	#83	5m	row 74
204	comp	2 18	57 05	↑		MOVING
205	570513	2 18	57 05	#83	10m	row 75
206	comp			↑		
207	571112	2 18	57 11	#83	10m	
208	comp			↑		
209	571347	2 18	57 13	#83	8m	
210	comp			↑		
211	571141	2 18	57 11	#83	8m	row 74
212	comp			↑		
213	570029	2 18	57 00	#83	1m	

60 inch Telescope Log

Observer: CALVIN

PI: Bragg, Kirchner, Colvet

Spectrograph: FAST

Grating: 7000L

Page: 7726

Date: 11/21/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
214	comp			→		
215	570026	2 18	57 00	#83	8s	
216	comp			→		
217	570702	2 18	57 07	#83	11m	
218	comp			↑		
219	570730	2 18	57 07	#83	11m	
220	comp			↑		
221	570842	2 18	57 07	#83	8m	row 74
222	comp			↑		
223	570901	2 18	57 09	#83	9m	row 74 !!
224	comp			↑		
225	570959	2 18	57 09	#83	8m	bright ne
226	comp			↑		
227-229	sm1999em	4 41	-2 51	#2	5m	PA = 9°
230	comp			↑		
231-233	1a45212	5 19	-1 35	#112	5m	
234	comp			↑		
235	1b39568	5 28	-00 16	#112	12m	
236	comp			↑		
237	nb54564	5 40	-00 58	#112	15m	
238	comp			↑		
239	1a45580	5 21	-1 34	#112	11m	
240	comp			↑		
241	1b39691	5 29	-00 21	#112	11m	
242	comp			↑		
243	nb54704	5 40	-00 31	#112	15m	
244	comp			↑		
245	1a37259	5 21	-00 20	#112	12m	
246	comp			↑		
247	1b43783	5 29	-00 41	#112		aligned with pulsed with cosmic

60 inch Telescope Log

Spectrograph: FASTObserver: CALKINSGrating: 3006Page: 7727PI: Rines, AllDate: 10/31/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
248	comp			↑		seeing getting
249	a5766-025	7 29	56 22	#64	4m	a little bad
250	comp			↑		
251	a5766-025	7 29	56 22	#64	4m	(not enough cts in
252	comp			↑		1 <sup>st</sup> exp)
253	a5766-026	7 30	56 31	#64	5m	
254	comp			↑		
255	-027	7 29	57 11	#64	3m	
256	comp			↑		
257	-029	7 16	54 44	#64	5m	
258	comp			↑		
259	-030	7 13	56 38	#64	5m	
260	comp			↑		
261	-031	7 29	55 05	#64	5m	
262	comp			↑		
263, 264	Hiltner 600	6 45	2 08	#56	45s	
265	comp			↑		
266, 267	Hiltner 600	6 45	2 08	#56	45s	
268	comp			↑		
269	AGK2p 14783	7 20	14 53	#57	5s	
270	comp			↑		
271-275	sky			#57	2s	
276	comp			↑		
277-286	BIAS				0s	
287-296	FLAT				7s	
297-306	BIAS				0s	
307-316	FLAT				14s	
317-326	DARK				15m	