

Inch Telescope Log

Spectrograph: FAST

Observer: CALESTUS

Grating: 300L

Page: 8589

PI: All, Kirchner, Calbet

Date: 6/1/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BEAS				0s	
21-30	FLAT				6s	
31-40	BEAS				0s	
41-50	FLAT				12s	Rain + T-storms
51, 52	BDP332642	15 51	32 56	#56	1m	@ sunset
53	comp			↑		
54, 55	BDP332642	15 51	32 56	#56	1m	
56	comp			↑		
57, 58	BDP332642	15 51	32 56	#56	1m	PA = 95°
59	comp			↑		
60	NS066	15 06	55 45	#56	2m	
61	comp			↑		
62, 63	SN2002df	15 53	65 55	#2	15m	PA = -21°, thru cloud
64	comp			↑		(clouds moved in
65, 66	hic79476	16 13	-22 29	#89	5s	2nd exposure)
67	comp			↑		PA = 0
68, 69	hic79530	16 13	-24 45	#89	2s	
70	comp			↑		
71, 72	hic79599	16 14	-21 04	#89	1s	
73	comp			↑		
74, 75	hic79606	16 14	-20 14	#89	8s	
76	comp			↑		
77, 78	hic79622	16 14	-25 28	#89	1s	
79	comp			↑		
80, 81	hic79643	16 15	-23 44	#89	7s	
82	comp			↑		
83, 84	hic79644	16 15	-22 07	#89	20s	
85	comp			↑		
86, 87	hic79733	16 16	-28 11	#89	8s	

Inch Telescope Log

Spectrograph: FAST

Page: 8590

Obj cover: CALYXIS

Grating: 3000

PI: Calvet

Date: 6/1/00

Number	Object	R.A.	Dec.	L/R	Lap	Comments
88	comp			↑		PA=0
89, 90	hic79759	16 16	-24 59	↑	4L	
91	comp			↑		
92, 93	hic79771	16 16	-25 53	↑	5L	
94	comp			↑		
95, 96	hic79785	16 16	-24 18	↑	4L	
97	comp			↑		
98, 99	hic79860	16 18	-31 40	↑	4L	
100	comp			↑		
101, 102	hic79878	16 18	-28 03	↑	1L	
103	comp			↑		
104, 105	hic79897	16 18	-23 16	↑	1L	
106	comp			↑		
107, 108	hic79910	16 18	-21 35	↑	5L	
109	comp			↑		
110, 111	hic79977	16 19	-21 24	↑	5L	
112	comp			↑		
113, 114	hic79987	16 19	-26 54	↑	25L	
115	comp			↑		
116, 117	hic80019	16 20	-20 01	↑	4L	
118	comp			↑		
119, 120	hic80024	16 20	-20 01	↑	2L	
121	comp			↑		
122, 123	hic80059	16 20	-21 30	↑	5L	
124	comp			↑		
125, 126	hic80088	16 20	-22 25	↑	5L	
127	comp			↑		
128, 129	hic80130	16 21	-22 05	↑	10L	
130	comp			↑		
131, 132	hic80196	16 22	-24 21	↑	12L	

Inch Telescope Log
 Obj. error: Calypso
 Pl: Calypso, Hercules

Spectrograph: PAST
 Grating: 200L
 Date: 6/1/00

Page: 8591

Number	Object	R.A.	Dec.	L/H	Exp	Comments
133	comp			↑		PA=0
134, 135	hic 80230	16 22	-25 05	↑	2s	
136	comp			↑		
137, 138	hic 80231	16 23	-26 16	↑	10s	
139	comp			↑		
140, 141	hic 80234	16 23	-26 16	↑	2s	Blended
142	comp			↑		
143, 144	hic 80238	16 23	-25 23	↑	4s	
145	comp			↑		
146, 147	hic 80371	16 24	-25 00	↑	3s	
148	comp			↑		
149, 150	hic 80425	16 25	-25 20	↑	5s	
151	comp			↑		
152	ZM181721	18 17	19 42	↑	2.5m	Row = 89
153	comp			↑		
154	ZM183522	18 25	19 45	↑	4m	
155	comp			↑		
156	ZM183623	18 26	19 19	↑	3m	Row = 84
157	comp			↑		
158	ZM183633	18 26	19 37	↑	3.5m	Row = 83
159	comp			↑		
160	ZM183650	18 26	19 51	↑	8m	99'
161	comp			↑		
162	ZM183846	18 38	32 51	↑	4m	
163	comp			↑		
164	ZM190755	19 07	42 24	↑	2.5m	
165	comp			↑		
166	ZM190755	19 09	45 14	↑	10m	
167	comp			↑		
168	ZM193925	19 39	-1 24	↑	2.5m	

Inch Telescope Log

Spectrograph: FAST

Observer: CALYSTE

Grating: 200L

Page: 8592

PI: Huchra, Kirshner, Borog, All

Date: 6/1/00

Number	Object	R.A.	Dec.	LFB	Lap	Comments
169	comp			↑		
170	2M193950	19 39	-7 32	#68	5m	row=84
171	comp			↑		
172	2M194740	19 47	-5 42	#61	4m	
173	comp			↑		
174	2M195120	19 51	-2 15	#68	2.5m	
175	comp			↑		
176	SN2002E	20 37	42 05	#2	20m	PA=13°, row=83
177	comp			↑		
178	id2251	20 05	35 54	#115	3m	
179	comp			↑		
180	id2248	20 05	35 38	#115	3m	
181	comp			↑		
182	id2245	20 05	35 37	#115	5m	
183	comp			↑		
184	id174	20 05	35 37	#115	2.5m	
185	comp			↑		
186, 7	Cyg OB2 no 9	20 33	41 15	#56	20s	
188	comp			↑		
189, 10	Cyg OB2 no 9	20 33	41 15	#56	20s	
191	comp			↑		
192-196	sky			#57	2s	
197	comp			↑		
198-207	BIAS				0s	
208-217	FLAT				6s	
218-227	BIAS				0s	
228-237	FLAT				13s	
238-247	DARK				15m	

Inch Telescope Log

Spectrograph: FAST

Page: 8593

Obj cover: CALXUS

Grating: 2002L

PI: All Brown

Date: 6/2/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	BIAS				0s	
41-50	FLAT				12s	Fire + Smoke to
51-55	sky			#57	2s	far west
56	comp			↑		
57, 58	Feigeldo	12 37	25 04	#56	30s	
59	comp			↑		
60, 61	Feigeldo	12 37	25 04	#56	30s	
62	comp			↑		
63, 64	Feigeldo	12 37	25 04	#56	30s	PA = 53°
65	comp			↑		
66	N3377	10 47	13 59	#57	6s	
67	comp			↑		Big Fire ~ 50 miles
68	N3377	10 47	13 59	#57	6s	to west! Don't
69	comp			↑		smell the smoke,
70	CS3021	8 44	29 08	#114	8m	smoke trail goes
71	comp			↑		south?
72	CS3023	8 44	28 50	#114	12m	
73	comp			↑		
74	CS3036	8 49	29 29	#114	12m	Raw *
75	comp			↑		
76	CS3092	9 46	29 41	#114	15m	
77	comp			↑		
78	CS3133	11 40	29 32	#114	12m	
79	comp			↑		wait out clouds
80	CS1259	11 304	28 57	#114	12m	R
81	comp			↑		
82	CS1286	13 07	29 25	#114	15m	

82 A

Inch Telescope Log

Spectrograph: FAST

Observer: CALKINS

Grating: 200L

Page: 8594

PI: Born, Kirchner, Huchra

Date: 6/2/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
82	comp			↑		
84	CS 3334	15 11	29 16	#114	17m	lots of clouds
85	comp			↑		
86	CS 3337	13 19	29 19	#114	15m	
87	comp			↑		
88	CS 3339	15 16	29 59	#114	12m	
89	comp			↑		
90	CS 3361	13 22	29 41	#114	15m	
91	comp			↑		
92	SN 2000DF	15 53	65 55	#2	20m	PA = -30
93	comp			↑		
94	SN 2000LQ	17 57	27 49	#2	20m	PA = -28, clouds
95	comp			↑		clouds, get again
96	SN 2000LQ	17 57	27 49	#2	20m	PA = -28, IA
97	comp			↑		
98	ZM 194123	19 41	51 10	#68	2m	
99	comp			↑		
100	ZM 194347	19 43	52 10	#68	2m	superposed *, actual $k \approx 18$
101	comp			↑		
102	ZM 194347	19 43	52 42	#68	4.5m	
103	comp			↑		
104	ZM 194906	19 49	4 55	#68	6m	clouds
105	comp			↑		
106	ZM 194851	19 48	49 56	#68	2m	
107	comp			↑		
108	ZM 200453	20 04	55 40	#68	9m	
109	comp			↑		
110	ZM 200002	20 19	15 53	#68	4.5m	clouds
111	comp			↑		
112	ZM 20232	20 23	19 42	#68	5.5m	

Inch Telescope Log

Observer: CALYSSUS

PI: BALOG

Spectrograph: FAST

Grating: 300L

Page: 8595

Date: 6/2/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
113	comp			↑		
114	id2218	20 05	35 56	115	3m	
115	comp			↑		
116	id2217	20 05	35 42	115	5m	██████████
117	comp			↑		
118	id153	20 05	35 42	115	3s	
119	comp			↑		
120	id2231	20 05	35 53	115	2m	
121	comp			↑		
122	id2208	20 05	35 43	115	5m	
123	comp			↑		
124	id2209	20 05	35 51	115	3m	
125	comp			↑		
126	id2206	20 05	35 37	115	3m	
127	comp			↑		
128	id154	20 05	35 42	115	2m	
129	comp			↑		
130	id2195	20 05	35 37	115	4m	
131	comp			↑		
132	id172	20 05	35 36	115	90s	
133	comp			↑		
134	id2189	20 05	35 51	115	4m	
135	comp			↑		
136	id166	20 05	35 39	115	5m	██████████
137	comp			↑		
138	id236	20 05	35 44	115	2m	
139	comp			↑		
140	id152	20 05	35 42	115	90s	
141	comp			↑		
142	id228	20 05	35 39	115	90s	

Inch Telescope Log

Spectrograph: FAST

Page: 8596

Observer: CALKINS

Coating: 300L

PI: BALOG, A.11

Date: 6/2/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
143	comp			↑		
144	id165	20 05	35 38	F115	45s	
145	comp			↑		
146, 7	Cp OB2 no 9	20 33	41 15	F56	20s	
148	comp			↑		
149, 150	Cp OB2 no 9	20 33	41 15	F56	20s	
151	comp			↑		
152-161	DEAS				0s	
162-171	FLAT				6s	
172-181	DEAS				0s	
182-191	FLAT				12s	
192-201	DARK				15s	

Inch Telescope Log
 Observer: P. Berland
 PI: Brown
 Spectrograph: F150
 Grating: 300
 Date: 6/3/00
 Page: 8597

Number	Object	R.A.	Dec.	L/H	Exp	Comments
1-10	DARK				15m	
11-20	BEARS				0s	
21-30	FLAT				7s	mostly clear
31-40	BEARS				0s	
41-50	FLAT				14s	
51-60	HE4Y	12:21	+27	86	2m	
52	WMP			↑		
54	SN2000em	12:20	+7	2	15m	PA=35
55	WMP			↑		
56,58	WR4	13:03	+29	118	20m	
57,59	WMP			↑		
60,62	WR3	13:03	+28	118	20m	
61,63	WMP			↑		
64,66	WR8	13:05	+29	118	20m	
65,67	WMP			↑		
68,70	SN2000co	15:57	+41:54	2	20m	
69,71	WMP			↑		
72	143532ps93y	14:34	+59	84	15m	* to W; ok em
73	WMP			↑		
74	15028molsi	15:05	-02:02	84	9m	
75	WMP			↑		
76	15032pos58	15:05	+65:43	84	8m	
77	WMP			↑		windy
78	15041p0938	15:06	+09:27	84	6m	
79	WMP			↑		
80	15070mads	15:09	-10:46	84	6m	
81	WMP			↑		
82	15178mury	15:20	-10:17	84	4m	
83	WMP			↑		

Inch Telescope Log

Spectrograph: FAST

Page: 8598

Observer: PB

Grating: 300

PI: Balay

Date: 6/3/60

Number	Object	H A	Dist.	L/R	Exp	Comments
87	15205malD	15-23	-01-20	64	4m	wk.
88	WMP			↑		
89	222	20-05	+35	115	7m	
90	WMP	↓	↓	↑		Variable seeing
91	223			115	30s	windy
92	224			115	2m	
93	WMP			↑		
94	225			115	3m	
95	226			115	5m	
96	WMP			↑		
97	227			115	2m	
98	WMP			↑		
99	230			115	5m	
100	WMP			↑		
101	SN2000cn	17-57	+2750	2	20m	PA=90
102	WMP			↑		
103	231			115	4m	Sk
104	232			115	4m	Nx
105	WMP			↑		
106	233			115	5m	
107	234			115	4m	
108	WMP			↑		
109	235			115	4m	↑ to W
110	236			115	4m	
111	WMP			↑		
112	237			115	4m	
113	WMP			↑		

Inch Telescope Log

Spectrograph: F15T
 Grating: SWR
 Date: 6/8/60

Page: 8599

Observer: PD Baily

Number	W. 1961	R.A.	Dec.	L.F.R.	Exp.	Comments
114	238	20:05	+35	115	2m	
115	239	↓	↓	115	4m	
116	WMP	↓	↓	f		
117	240			115	4m	
118	241			115	3m	
119	WMP			f		
120	242			115	15m	
121	243			116	1m	
122	WMP			f		
123	244			115	2m	
124	245			115	5m	
125	WMP			f		
126	246			115	4m	
127	247			115	2m	
128	WMP			f		
129	248			115	2m	PK=0 ↓
130	249			115	2m	
131	WMP			f		
132	157			115	3m	PK=0
133	160-158			116	10m	
134	WMP			f		
135	158			115	3m	
136	159			115	2m	
137	WMP			f		
138	161			115	2m	
139	162			115	90s	
140	WMP			f		
141	250			115	2m	
142	251			115	2m	
143	WMP			f		

Inch Telescope Log

Spectrograph: FAST

Page: 860

Observer: PB

Grating: 3WR

Date: 6/3/00

PI:

Number	Object	H A	Dec	L/D	Exp	Comments
144	N7331	2239	234	S7	3m	
145	COMP			F		
146-7	BPp2812H	2148	228	S6	1m	
148	COMP			1		
149-151	H10152281	2010	240	S6	S5	
152	COMP			1		
153-157	sky	-1 ^h E		S7	S5	
158	COMP			1		
159-168	TRIAS				03	
169-178	FLAT				73	
179-188	BIAS				03	
189-198	FLAT				18	
199-203	DARK				20m	

Inch Telescope Log:
 Observer: P. Berland
 PI: Brown

Spectrograph: FAST
 Grating: 3rd
 Date: 6/4/00

Page: 8601

Number	Object	R.A.	Dec.	LHA	Exp	Comments
1-10	DARK				20m	
11-20	BDS				05	
21-30	FLAT				75	Clear skies!
31-40	BDS				05	
41-50	FLAT				145	(late start yesterday from helping out @ 48")
51-55	sky	Zenith		57	20	
56	WMP			↑		
57-58	FER634	10:22	+47	56	90s	PA=90 ↓
59	WMP			↑		
60	N4853	12:58	+27	57	3m	
61	WMP			↑		
62	NFO4374	09:02	+3047	68	3m	
63	WMP			↑		
64	NFO4737	10:25	+35:57	68	3m	
65	WMP			↑		
66	NFO4328	13:35	+3551	68	2m	
67	WMP			↑		
68	H294	13:21	+26	56	2m	
69	WMP			↑		
70	SN2000cm	12:12	+07	2	15m	PA=35
71	WMP			↑		
72	SN2Kcm host	12:12	+07	2	20m	PA=100 HA @ 66.7R (p12 2012)
73	WMP			↑		
74,76	WR2	13:03	+29:18	118	20m	PA=90
75,77	WMP			↑		
78,80	WR10	13:08	+2832	118	20m	
79,81	WMP			↑		
82,84	WR5	13:05	+2906	118	20m	
83,85	WMP			↑		

[Handwritten signature]

Inch Telescope Log
 Observer: PB
 Spectrograph: FAST
 Grating: 3622
 Date: 6/4/60
 Page: 8602
 II: Falco/Kenyon

Number	Object	H A	Dec.	L/R	Exp	Comments
88-98	TXCen	12:44		12	30s	
89	COMP			f		
90	NFOURIS	12:03	+10:01	68	5m	sup + to S.
91	COMP			f		
92	14029m035	14:05	-04:58	84	5m	
93	COMP			f		
94	14035m001	14:06	-04:18	84	5m	
95	COMP			f		
96	14043m018	14:06	-01:32	84	3m	
97	COMP			f		
98	14044m021	14:06	-01:35	84	3m	
99	COMP			f		
100	14099p1607	14:12	+15:52	84	15m	LSB quad em
101	COMP			f		
102	N6097	15:53	+11:57	84	3m	
103	COMP			f		
104	15557p1629	15:58	+16:20	84	5m	
105	COMP			f		
106	15564p0895	15:58	+10:01	84	5m	
107	COMP			f		
108	15592m010	16:01	-04:18	84	4m	
109	COMP			f		
110	16142p1034	16:20	+10:30	84	4m	
111	COMP			f		
112	16206m007	16:53	-02:12	84	6m	
113	COMP			f		
114, 115	16405m034	16:43	-02:39	84	90, 10m	#114 = sup + ; #115 = gal
116	COMP			f		
117	Draco CM1	17:14	+57:51	12	20m	
118	COMP			f		

104 em + ab velocities ~ 100 km/sec apart; refer abs but highest r value is em

Inch Telescope Log

Spectrograph: FAST

Page: 9603

Observer: PB

Grating: 3000

PI: Scott

Date: 6/4/00

Number	Object	H A	Dec.	LIN	Exp	Comments
119	SN2000 <u>en</u>	17:57	+27:50	2	20m	PA-90
120	<u>COMP</u>			†		
121-123	YMH <u>er</u>	18:14	+20	12	10s-5m	
124	<u>COMP</u>			†		
125-127	S149	18:18	+27:26	12	10s-5m	
128	<u>COMP</u>			†		
129-130	V443H <u>er</u>	18:22	+23	12	3s, 1m	
131	<u>COMP</u>			†		
132-134	DQ50 <u>er</u>	18:44	+26:22	12	1m, 2s, 12m	
135	<u>COMP</u>			†		
136-137	V1415H <u>er</u>	19:03	+16:26	12	30s, 5m	
138	<u>COMP</u>			†		
139-141	BFC <u>er</u>	19:23	+25	12	1s, 3s, 1m	
142	<u>COMP</u>			†		
143-146	CHC <u>er</u>	19:24	+20	12	0.5s, 30s	
147	<u>COMP</u>			†		
148-150	HMS <u>er</u>	19:41	+16	12	1s-30s	
151	<u>COMP</u>			†		
152-154	AS360	19:45	+18	12	20s-5m	
155	<u>COMP</u>			†		
156-157	S169	19:49	+16	12	30s, 5m	
158	<u>COMP</u>			†		
159-161	CSC <u>er</u>	19:50	+35:41	12	1s, 20s	
162	<u>COMP</u>			†		
163-165	V1016C <u>er</u>	19:52	+39	12	0.5s-1m	
166	<u>COMP</u>			†		
167-171	PAU <u>er</u>	20:21	+21	12	0.5s-20s	
172	<u>COMP</u>			†		
173-174	HeZM167	20:35	+20:11	12	30s, 5m	
175	<u>COMP</u>			†		

Inch Telescope Exp: PB
 Object: South/SPH
 Spectrograph: EAST
 Grating: 300L
 Date: 6/4/00
 Page: 8604

Number	Object	R.A.	Dec.	L.H.	Exp	Comments
176-177	He2 m4604	20:41	+79	12	1m, 10s	
178	WMP			r		
179-180	V1329 Cas	20:50	+75	12	10s, 5m	
181	WMP			r		
182	V1513 Cas	20:57	+72	12	30s	
183	WMP			r		
184	V1057 Cas	20:54	+79	12	1s	
185	WMP			r		
186-188	V407 Cas	20:02	+85	12	2m, 15s	
189	WMP			r		
190-193	AGD ₂	21:51	+12	12	0.5-10s	
194	WMP			r		
195-196	BD02502211	21:44	+74	56	60s	
197	WMP			r		
198	ZM195246	20:52	+50	68	2m	
199	WMP			r		
200	ZM20006	20:14	+53	68	2m	
201	WMP			r		
202	ZM2034 S	20:34	+15	68	4m	South camp
203	ZM2034 N	20:34	+15	68	5m	North camp
204	WMP			r		
205	ZM10501	20	+30	68	2m	
206	WMP			r		
207	ZM21615.2	21:16	+50	68	2m	
208	WMP			r		
209	ZM21255	21:25	+25:19	68	2m	
210	WMP			r		
211-213	HD192051	20:10	+70	56	5s	
214	WMP			r		
215-224	BIMS				0s	

225-234
 235-244
 245-254
 FLAT
 BIMS
 FLAT

75
 05
 145

Inch Telescope Log
 Observer: P. Berland
 PI: Falco et al
 Spectrograph: FAST
 Grating: 600LAMB; 2" slit
 Date: 6/5/00
 Page: 8605

Number	Object	R.A.	Dec.	L.H.	Exp.	Comments
1-16	DARK				15m	600L, Alt=496; 2" slit
11-30	BENS				0s	Focus=395
31-50	FLAT				55s	solid clouds @ sunset
51-53	HD100006	11:30		88	2m	
54	WMP			f		finally clearing - 10pm
55-58	HD 109519	12:35		88	2m	
59	WMP			f		
60-63	HD 110024	12:39		88	2m	
64	WMP			f		
65-66	HD 111511	12:49		88	2m	
67	WMP			f		long cloud delay
68	HEBY	13:21	+76	88	5m	clouds
69	WMP			f		
70-72	NGC 5846	15:03	+01:47	88	5m	PA=90
73	WMP			f		
74	WMP			f		
75-77	MF0065	15:14	+12	88	15m	PA=92
78	WMP			f		clear!
79	WMP			f		
80-82	MF0058	14:41	+9	88	20m	PA=-10
83	WMP			f		
84-85	MF4103	17:38	+39	88	8m	PA=17
86	WMP			f		
87	WMP			L		
88-90	MF4065	15:49	+44:41	88	11m	PA=-20
91	WMP			f		
92-93	MF4102	17:23	+21:08	88	8m	PA=40
94	WMP			f		
95-96	MF4095	16:08	+12:19	88	9m	PA=75 Sky 1
97	WMP			f		

Inch Telescope Log

Spectrograph: FAST
 Grating: 6002
 Date: 6/5/00

Page: 8606

Observer: PB
 PI: Falco et al

Number	Object	R.A.	Dec.	L.R.	Exp	Comments
98-99	MF4099	17 07	+30 13	88	12m	PA = -20
100	COMP			†		
101-102	MF4091	16 35	+16	88	10m	PA = 30
103	COMP			†		note: object randomizer script
104-5	MF4088	17 06	+30	88	9m	is making me jump all
106	COMP			†		over the place †
107-109	N7331	22 37	+31	88	5m	PA = -10
110	COMP			†		
111-112	DDA28421	21 18	+28	88	90s	PA = 90
113	COMP			†		
114-115	HD19281	22 10	+10	88	7s	
116	COMP			†		
117-118	HD183492	19 29	+14	88	45s	
119	COMP			†		
120-125	BFAS				0s	
130-135	FLAT				55s	

Inch Telescope Log

Observer: Calkins
 PI: Kochanek et al.

Spectrograph: FAST
 Grating: 600L
 Date: 5/6/00

Page: 8607

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-8	DARK				15m	
9-18	BEAL				0.5	
19-28	FLAT				30s	
29-30	HZ 44	15 23	34 06	FF56	2min	
31	comp			↑		
32	HD120120	12 48	31 11	FF88	N/A	3"/s
33	comp			↑		
31-36	NGC 4739	12 57	27 29	FF88	5m	PA = 71°
37	comp			↑		
38-39	MF4081	15 59	21 36	FF88	7.5m	PA = -48°
40	comp			↑		
41-42	MF4075	12 02	52 53	FF88	7.5m	
43	comp			↑		
44	comp			↓		
45-47	MF0020	14 46	37 24	FF88	10m	PA = -9.0°
48	comp			↑		
49	comp			↓		
50-52	MF1095	16 14	34 51	FF88	15m	PA = 24°
53	comp			↑		
54	HD154034	7 02	25 38	FF88	N/A	3"/sec
55	comp			↑		
56	comp			↓		
57-59	MF4077	15 46	12 08	FF88	15m	PA = 16°
60	comp			↑		
61-63	NGC 5846	15 04	01 4	FF88	2m	PA = 48°
64	comp			↑		
65	comp			↓		
66-68	MF4101	17 15	47 40	FF88	15m	PA = 83°
69	comp			↑		
70	HD158974	17 30	31 10	FF88	N/A	3"/s

Inch Telescope Log
 Observer: CALVIN S
 PI: Kodanek et al

Spectrograph: FAST
 Grating: 600L
 Date: 5/6/00

Page: 8608

Number	Object	R.A.	Dec.	LHA	Exp	Comments
71	comp			↑		
72	comp			↓		
73-75	M154080	16 16	42 04	1588	10m	PA = 29
76	comp			↑		
77, 78	M154094	16 59	29 56	1588	7.5m	PA = 24
79	comp			↑		
80	comp			↓		
81-82	M153109	23 04	20 03	1588	10m	PA = 15
83	comp			↑		
84-87	M15331	22 37	34 25	1588	2m	PA = -9
88	comp			↑		
89	Cygnus OB2 no 9	20 37	41 15	1588	50s	
90	comp			↑		
91	M15185194	19 27	16 27	1588	N/A	3 1/5
92	comp			↑		
93-97	sky			1557	2s	
98	comp			↑		
99-103	FIAS				OC	
104-113	FLAT				42s	
114-123	DAPL				15m	

Inch Telescope Log

Spectrograph: FAST

Obj. cover: CAUCUS

Grating: 6006

Page: 8609

PI: Kochanek et al.

Date: 6/7/00

Number	Object	RA	Dec.	LHA	Exp	Comments
1-10	DARY-				15m	
11-20	DIAL				30s	
21-30	FLAT				30s	
31-35	sky			1557	2s	
36	comp			↑		
37, 38	ISP3526A2	15 51	32 57	1556	1m	PA = 90°
39	comp			↑		
40, 41	MF4083	16 18	43 04	1588	7.5	PA = 29°
42	comp			↑		
43, 44	MF0058	14 41	19 15	1586	7.5m	PA = -10
45	comp			↑		
46	comp			↓		
47, 48	MF4094	16 59	27 58	1588	15m	PA = 25°
49	comp			↑		
50, 51	MF4085	15 49	44 41	1588	7.5m	PA = -20
52	comp			↑		
53, 54	MF4095	16 14	34 52	1588	7.5m	PA = 25.0
55	comp			↑		
56, 57	MF4101	17 15	47 40	1588	7.5m	PA = 85
58	comp			↑		
59, 60	MF4087	15 46	12 08	1588	7.5m	PA = 77
60	comp			↑		
61	comp			↓		
62, 63	MF4084	15 46	22 06	1588	15m	PA = 15°
64	comp			↑		
65, 67	MF3004	22 17	14 13	1588	12m	PA = 5°, thru clouds
68	comp			↑		wait out clouds
69	CYPER2009	20 33	41 15	1556	40s	thru clouds
70	comp			↑		
71	MF3109	23 04	20 03	1588	12m	PA = 15° clouds prevented a 2nd exposure

Inch Telescope Log
 Observer: CALKINS
 PI: Kochanek et al

Spectrograph: EAST
 Grating: 600 L
 Date: 6/7/00

Page: 8610

Number	Object	R.A.	Dec.	L/R	Exp	Comments
76	comp			*		
75-82	IRISAS				0s	
82-92	FLAT				10s	
93-102	DARK				15m	

Inch Telescope Log

Spectrograph: FAST

Coating: 6006

Page: 8611

Obs. cover: CALVIN

Date: 6/8/00

PI: Kerlanak et al

Number	Object	R.A.	Dec.	L/H	Gap	Comments
1-10	PARK				15m	
11-20	BIAS				0s	
21-30	FLAT				4s	
31-35	sky			↑ 57	2s	
36	comp			↑		
37, 38	H244	13 23	36 08	↑ 56	2m	PA = 90
39	comp			↑		
40-41	MF0002	11 05	31 23	↑ 88	10m	PA = 95, close to mean (script. software!)
42	comp			↑		
43	comp			↓		
44-46	MF0050	14 11	17 29	↑ 88	15m	PA = -20
47	comp			↑		
48-49	MF0060	14 46	23 24	↑ 88	7.5m	PA = -10
50	comp			↑		
51	comp			↓		
52, 53	MF4065	12 20	56 06	↑ 88	15m	PA = 103
54	comp			↓		
55	comp			↓		
56-58	MF4070	13 23	45 18	↑ 88	15m	PA = 110
59	comp			↑		
60-61	MF4065	15 14	12 05	↑ 88	7.5m	PA = 92
62	comp			↑		
63	comp			↓		
64-65	MF4066	13 10	44 01	↑ 88	15m	PA = 47°
66	comp			↑		
67	comp			↓		
68-70	MF4073	13 50	19 18	↑ 88	15m	PA = -58
71	comp			↑		
72, 73	MF0063	14 54	37 06	↑ 88	7.5m	PA = 105
74	comp			↑		

Inch Telescope Log

Observer: CALVERTS
 PI: Kerzner et al

Spectrograph: FAST

Grating: 600L

Page: 8612

Date: 6/1/00

Number	Object	R.A.	Dec.	LIR	Gap	Comments
75,76	MF4080	15 29	12 04	#86	7.5	PA = -25
77	comp			↑		
78,79	MF4085	15 19	15 36	#88	7.5	PA = 33
80	comp			↑		
81,82	MF4076	14 15	10 00	#88	7.5	PA = 33
83	comp			↑		
84,85	MF3057	22 44	15 52	#88	7.5m	PA = 33
86	comp			↑		
87,88	MF3099	23 02	15 33	#88	7.5m	PA = 33
89	comp			↑		
90,91	MF3262	23 52	29 07	#88	7.5m	PA = -5
92	comp			↑		
93,94	Cy90B2no9	20 33	41 15	#88	2005	PA = 90
95	comp			↑		
106-108	BLAS				0.5	
106-115	FLAT				500	
116-125	DARK				15m	


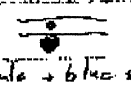
★ Start of FAST Run★

Inch Telescope Log
 Observer: P. Berlind
 PI: Darren
 Spectrograph: FAST
 Grating: 300R, 3" slit
 Date: 6/20/00
 Page: 8631

Number	Object	R.A.	Dec.	LPH	Exp	Comments
1-10	BIAS				0s	
11-20	FLAT				7s	clearing!
21-30	BIAS				0s	
31-40	FLAT				14s	
41-50	SKY	20h		57	2s	
46	COMP			↑		
47-48	H24	17:21	-06	86	2m	
49	COMP			↑		
50	NS86	15:05	+55	57	4m	
51	COMP			↑		
52	14139_m0051	14:16	-00:49	84	10m	
53	COMP			↑		
54	14158_m0737	14:16	+07:20	84	5m	
55	COMP			↑		
56	14224_m051	14:24	-05:04	84	10m	binary 2 close E-W pair
57	COMP			↑		we want East gal
58	14230_m054	14:25	-05:54	84	8s	@ PR 93
59	W4			↑		
60	14230_m02:06	14:25	-03:31	84	8s	
61	COMP			↑		going for HE region.
62	W1	13:02	+29:15	118	2m	PA=-25 row 53
63	COMP			↑		blue hump @ N. tip of gal
64,66	W4	13:04	+28:58	118	2m	PA=90
65,67	COMP			↑		
68	15076_m0204	15:07	-02	84	5s	
69	COMP			↑		
70	15079_m0159	15:10	-02:10	84	3m	
71	COMP			↑		
72	15090_m0005	15:11	-02:16	84	9m	
73	COMP			↑		

Need darks at beginning of a fast run!

Inch Telescope log
 Observer: RB
 PI: Falco
 Spectrograph: FAST
 Grating: 300
 Date: 6/20/00
 Page: 8632

Number	Subject	R.A.	Dec.	L/H	Lap	Comments
74	15205p0814	15:22	+08:02	89	2h	
75	WMP			f		bright main
76	15206p0847	15:23	+08:31	89	4m	
77	WMP			f		
78	15206p0820	15:23	+08:09	89	10m	WR hot em
79	WMP			f		
80	15208p0877	15:23	+08:33	89	5m	Sy
81	WMP			f		
82	15213p0977	15:23	+09	89	9m	
83	WMP			f		
84	15227m0129	15:25	+01:49	89	6m	
85	WMP			f		
86	15227m0329	15:25	+03:29	89	8m	
87	WMP			f		
88	15238m0323	15:23	+03:23	89	3m	
89	WMP			f		
90	15241m0244	15:27	+02:50	89	3m	
91	WMP			f		
92	15279m0206	15:30	+02:16	89	4m	
93	WMP			f		
94	15295p0524E	15:31	+05:41	89	6m	
95	WMP			f		
96	15481p0637	15:48	+16:27	89	3m	
97	WMP			f		
98-101	DT Ser					
102						
103-104	DT Ser	18-01	+01:20	12	10m	
105	WMP			f		
106	SN2000cn	17:57	+27	2	15m	PA=75
107	WMP			f		

98+99 are same object
 100+101 are another object
 102+103 are a 3rd object
 all labeled DT Ser

Inch Telescope Log
 Obj. cover: 88
 PI: JPH
 Spectrograph: FAST
 Grating: 302
 Date: 6/20/00
 Page: 8633

Rank#	Object	R.A.	Dec.	L/H	Exp	Comments
108	3C 7903	18:42	+79	G	12m	bright moon!
109	WMP			F		
110	ZM19266	19:20	+40	G8	5m	weak - red? just fine
111	WMP			F		
112	ZM193122	19:31	+57	G8	4m	
113	WMP			F		
114	ZM193775	19:33	+57	G8	6m	
115	WMP			F		
116	ZM19355	19:35	+57	G8	3m	
117	WMP			F		
118	ZM197609	19:46	+57	G8	2m	sup * to SW D
119	WMP			F		
120	ZM193805	19:48	+58	G8	3m	
121	WMP			F		
122	ZM214620	21:46	+58	G8	10m	
123	WMP			F		
124	ZM215503	21:55	+58	G8	12m	
125	WMP			F		
126	ZM210033	21:00	+48	G8	5m	
127	WMP			F		
128	ZM221722	22	+41	G8	3m	
129	WMP			F		
130	ZM220945	22:09	+41/2	G8	3m	
131	WMP			F		
132	ZM221019	22:10	+41	G8	10m	2 objects? binty 2 not resolved
133	WMP			F		
134	ZM221058	22:10	+41	G8	2m	
135	WMP			F		
136	ZM221720	22	+40	G8	3m	
137	WMP			F		

132 - forced to galaxy velocity - but base cz is?
 Supposed star?

Inch Telescope

Spectrograph: FAST

Grating: 3rd

Page: 8639

On cover: pb

PI: SM

Date: 6/20/00

Number	Object	R.A.	Dec.	L/H	Lap	Comments
138	ZM22256 ⁹	22:02	+3841	68	3m	
139	WMP			†		
140	ZM22254	22:05	+37	68	3m	
141	WMP			†		
142	ZM22252	22:25	+39	68	6m	
143	WMP			†		
144	AKn567	22:42	+2943	6	5m	
145	WMP			†		
146-147	BDO2284211	22:48	+28	56	30s	
148	WMP			†		
149	ZM22260	22:06	+36	68	3m	
150	WMP			†		
151	ZM22252	22	+3515	68	3m	
152	WMP			†		
153	ZM22253	22:25	+36	68	3m	
154	WMP			†		
155	ZM22258	22:28	+35	68	3m	a few clouds
156	WMP			†		⊙ down
157	ZM2225407	22:28	+35	68	3m	
158	WMP			†		
159-160	HD152251	22:10	+40	56	5s	PH=10
161	WMP			†		
162-171	B2AS				03	
172-181	FLAT				73	
182-191	B2AS				03	
192-201	FLAT				M1	

Inch Telescope log

Obj. cover: P Berlin

PI: Brown

Spectrograph: FAST

Grating: 300

Date: 6/21/00

Page: 8635

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-8	DARK				15s	
9-20	BEAS				0s	
21-30	FLAT				7s	
31-40	BEAS				0s	
41-50	FLAT				14s	
51-55	sky	zenith		86	2s	
56	COMP			f		
57	N4151	12	+30	6	1m	clouds..
58	COMP			1		close
59-60	H244	13:21	+26	86	2m	open again @ 9:15
61	COMP			f		
62	15293 p1585	15:31	+1535	89	15m	✓
63	COMP			f		clear!
64-66	W27	13:05	+28:52	118	20m	
67	COMP			f		
68-69	15150 p1721	15:17	+1310	89	1m, 15m	68 = sup* ; 69 = fuzz
70	COMP			f		
71	15292 p0728	15:31	+07:17	84	2m	
72	COMP			f		
73	15312 p0836	15:35	+08:25	89	10m	
74	COMP			f		
75-6	15327 p0224	15:34	+06:17	84	1m, 5m	75 = sup* ; 76 = fuzz
77	COMP			f		
78	15328 p0816	15:35	+08:06	89	10m	faint gal to E also
79	COMP			f		
80	15334 p0617	15:35	+06:05	84	5m	
81	COMP			f		
82	15351 p0156	15:37	+01:45	84	2m	
83	COMP			f		

Inch Telescope Log


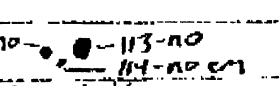
Observer: PB
 PI: Felo

Spectrograph: FAST

Grating: 3002

Page: 8636

Date: 6/21/00

Number	Object	R.A.	Dec.	L.H.	Exp	Comments
84	SN2000cp	16:05	+17:49	Z	20m	PA=45
85	COMP			f		
86	15355m0175	15:37	-01:49	84	3m	no sup +; all gal
87	COMP			f		
88	15361p0253	15:38	+02:43	84	10m	sup + all gal
89	COMP			f		clouds. f.f.
90	15386m0132	15:41	-01:42	84	6m	
91	COMP			f		
92	15425p0237	15:45	+02:28	84	9m	
93	COMP			f		
94	±1176	15:47	-01:32	84	4m	
95	COMP			f		
96	15455m0210	15:48	-02:06	84	6m	
97	COMP			f		stopped by clouds
98	15458p1758	15:48	+17	84	5m	SW to W
99	COMP			f		
100	15487p0553	15:51	+09:43	84	10m	+ to E like emsk
101	COMP			f		
102	15380p1608E	15:40	+15:57	84	6m	E+W camps; binby 2
103	COMP			f		pretty clear!
104	15778p2159	15:39	+21:49	84	5m	
105	COMP			f		big thunder storm over
106	15427p0204	15:47	+02	84	5m	Noxplas, but clear here!
107	COMP			f		
106-111	V335Ua1	19:23	+24:27	12	10s-10m	C* ; em; 
112	COMP			f		
113-115	he 2m 442	19:39	+26:30	12	1m-5m	115-no  113-no 114-no em
116	COMP	20:19	+31	Wly	f	Keep looking
117-126	TSMS				03	Stopped by clouds
127-136	FLAT				7/3 03 195	→ rain!

137-146
147-156
DEFS
FLAT

116 - Comp at different corner than 115
 NOT AT ALL CLEAR WHERE TO EXTRACT 113-115
 115 - BOUNDED STAR TO W - EXTRACTED IS OBJECT

Inch Telescope Log:
 Observer: P. Berlin
 PI: Brown

Spectrograph: FAST
 Grating: 3WR
 Date: 6/22/00

Page: 8637

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	DARK				20m	
21-30	DENS				0s	
31-40	FLAT				7s	lots of rain today
41-50	DENS				0s	
51-60	FLAT				19s	clearing late
61	14241 MOSIE	14:26	-03	84	6m	weak, good em
62	WMP			f		
63	14250 MOSIE	14:27	-02	84	3m	
64	WMP			f		
65	14257 MOSIE	14:28	-01	87	8m	
66	WMP			f		
67	14260 MOSIE	14:28	-03	84	5m	wk; clouds... em
68	WMP			f		
69	CS 3291	12:45	+29:11	114	5m	M* no gas
70	WMP			f		
71	CS 3308	12:59	+29:28	114	10m	
72	WMP			f		
73	CS 3294	12:47	+29:28	114	12m	pec; high cz
74	WMP			f		
75	CS 3296	12:48	+29:11	114	15m	↑↑ clouds
76	WMP			f		
77	M308 p0407	14:33	+03:57	84	10m	
78	WMP			f		
79	N 568	14:33	+04:27	84	4s	extended em; check out those spiral arms!
80	WMP			f		
81	14262 p1136	14:28	+11:22	84	7m	
82	WMP			f		
83	14304 p1449w	14:30	+14:45	84	6m	also gal to E in slit
84	WMP			f		ok; no more false #84 sample done for summer (maybe 1-2 mo)

Inch Telescope Log

Spectrograph: FAST

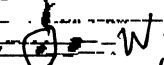






Grating: 30R

Page: 8638

Observer: PB

Date: 6/22/00

PI: misc

Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	SN2000cp	16:05	+17	2	20m	12m stopped by clouds
86	WMP			1		PA=50
87	SN2000ca	17:57	+27	2	20m	3m stopped by clouds
88	WMP			1		cloud delay
89	252	20:05	+15	115	3m	bin by 2, but * to E
90	WMP			1		we want * @ pre 93
91	253	20	+35	115	2m	
92	254			115	3m	
93	WMP			1		
94	255			115	2m	
95	256			115	4.5s	
96	WMP			1		
97	257			115	3m	
98	258			115	4.5s	
99	WMP			1		
100	259			115	3m	
101	260			115	3m	
102	WMP			1		
103	SN2000ca	17:57	+27	2	20m	clear overhead PA=74
104	WMP			1		great seeing
105	he2m442	19:35	+26	12	15m	PA=61 4x's  W
106	he2m442	"	"	12	7m	PA=61  extracted line 69
107	WMP			1		
108	he2m442	"	"	12	10m	PA=99  line 23
109	he2m442	"	"	12	4m	PA=99  line 68
110	WMP			1		
111	I 19558	19:58	+33	12	15-	PA=74 
112	I 19558	"	"	12	5m	PA=70  A* clouds
113	WMP			1		see M81*!
114	I 19558	19:58	+33	12	15m	PA=70  close comp

114 - M - E dup'd here 114 E
W dup'd here 113 W

Inch Telescope Log
 Observer: PB
 PI: SoH
 Spectrograph: FAST
 Grating: 302
 Date: 6/22/00
 Page: 8639

Number	Object	R.A.	Dec.	L/R	Exp	Comments
115	±19558	22-58	+73	12	10s	PA-80 ^{estimated} of @ line 72
116	WMP			↑		
117-119	V6276as	22-57	+58-49	12	30s, 10s, 10s	
120	WMP			↑		
121-123	H1227086	22-58	+62	8	4s	
124	WMP			↑		
125-126	DD0284211	21-51	+21	56	4s,	
127	WMP			↑		
128	N7371	22-39	+79	57	3s	
129	WMP			↑		
130	AKnS69	22-42	+87	6	5s	ugh clouds
131	WMP			↑		
132-141	BTAS				0s	Solid clouds
142-151	FLAT				7s	@ dawn
152-161	BTAS				0s	
162-171	FLAT				14s	

Inch Telescope Log
 Object: P Berlin
 PI: Balun
 Spectrograph: FAST
 Grating: 3WL
 Date: 6/23/00
 Page: 8690

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BSPS				0s	
11-20	FLAT				7s	heavy rain today
21-30	BSPS				0s	
31-40	FLAT				1s	open @ -12:15
41	Maksol	16:53	+79	6	5s	scattered clouds clearing a bit
42	WAP			f		
43	SN2000cp	16:05	+77	2	20s	PA=60
44	WAP			f		
45	261	20:05	+75	115	6m	
46	WAP			f		
47	262			115	10s	thick clouds off on
48	WAP			f		
49	263			115	10s	bit + W
50	264	20:05:38.0	35:45:31	115	2s	we want + 0 row 16
51	WAP	20:05:39.05	35:36:29	9		
52	265	20:05:39.05	35:36:29	115	10s	
53	266			115	3m	
54	WAP			f		
55	267			115	3m	
56	268			115	3m	
57	WAP			f		
58	269			115	2m	
59	270			115	3m	
60	WAP			f		
61	272			115	3m	
62	273			115	2m	bit + to E (cool Bet +!)
63	WAP			f		
64	V850Aq1	15:22	+00:37	12	5s	PA=90
65	V850Aq1			12	5s	PA=110
66	WAP			f		

Inch Telescope Log

Spectrograph: FAST

Observed: PB

Grating: SWL

Page: 8641

PI: Scott

Date: 6/27/00

Number	Object	R.A.	Dec.	CFR	Exp	Comments
67	V850 A1	19:23	+10:38	12	10s	very red * @ row 46 MB
68	WMP			f		(not * @ row 36)
69	V850 A1	"	"	12	20s	clouds!
70	WMP			f		close comp to E; faint
71	ZM2149	21:49	+10:19	68	4s	* to W
72	WMP			f		
73	ZM215931	21:51	+76	68	2s	
74	WMP			f		
75	ZM220723	22:07	+78	68	2s	
76	WMP			f		
77	ZM220819	22:10	+78	68	4s	
78	WMP			f		
79	ZM221139	22:11	+78	68	2s	
80	WMP			f		
81	ZM2212	22:12	+81	68	2s	
82	WMP			f		
83	ZM2214	22:14	+76	68	2s	clouds - redo
84	WMP			f		well; ok
85-86	BDP25424	21:51	+28	56	45s	
87	WMP			f		
88-90	HD192231			56	5s	
91	WMP			f		
92-101	BSMS				0s	
102-111	FLAT				0s	
112-121	BSMS				0s	
122-131	FLAT				14s	

Inch Telescope Log

Spectrograph: EAST

Ob cover: CALXENS

Grating: 3006

Page: 4692

PI: All Brown, Palca

Date: 6/24/00

Number	Object	R.A.	Dec.	L/H	Exp	Comments
1-6	DARK				15m	
7-16	BEAS				0.5	
17-26	FLAT				6.5	
27-36	BEAS				0.5	
37-46	FLAT				12s	
47-56	H34-1	13 23	46 08	#56	2m	PA=90!
49	comp			↑		
50-51	H344	15 25	56:05	#56	2m	PA=90!
52	comp			↑		
53-54	H344	13 27	36 08	#56	2m	PA=101
55	comp			↑		looking for holes
56	N5846	15 06	1 26	#57	5m	
57	comp			↑		
58	W 6	15 05	29 13	#18	20m	very faint, almost 25% exposure - clouds
59	comp			↑		
60	MARK 279	13 52	69 13	#6	4m	will get again
61	comp			↑		wait out clouds
62	S2S1425pk00	19 27	60 25	#6	15m	
63	comp			↑		wait out clouds
64	id 1983	20 05	35 41	#15	4m	again
65	comp			↑		
66	id 108	20 05	35 38	#15	5m	in & out of clouds
67	comp			↑		
68	id 262	20 05	35 40	#15	5m	
69	comp			↑		
70	id 39	20 05	35 40	#15	5m	
71	comp			↑		
72	id 109	20 05	35 37	#15	4m	
73	comp			↑		
74	id 145	20 05	35 49	#15	4m	

Inch Telescope Log

Obj cover: CALCULUS

PI: Sylog Kirchner

Spectrograph: FAST

Grating: 1006

Page: 8643

Date: 6/24/00

Number	Obj	R.A.	Dec.	L/H	Lap	Comments
75	comp			↑		
76	id 38	20 05	25 38	#115	4m	
77	comp			↑		
78	SN 2000cn	17 59	27 49	#2	20m	PA = 72
79	comp			↑		
80	id 1954	20 05	25 55	#115	2m	
81	comp			↑		
82	id 19	20 05	25 47	#115	2m	
83	comp			↑		
84	id 95	20 05	25 46	#115	5m	
85	comp			↑		
86	id 141	20 05	25 52	#115	3m	
87	comp			↑		
88	id 56	20 05	25 50	#115	3m	
89	comp			↑		
90	id 20	20 05	25 45	#115	2m	
91	comp			↑		
92	id 16	20 05	25 47	#115	2m	
93	comp			↑		
94	id 101	20 05	25 43	#115	4m	
95	comp			↑		
96	id 143	20 05	25 50	#115	4m	
97	comp			↑		
98	id 137	20 05	25 56	#115	2m	
99	comp			↑		
100	id 104	20 05	25 42	#115	5m	
101	comp			↑		
102	id 11	20 05	25 42	#115	30s	
103	comp			↑		
104	id 37	20 05	25 39	#115	3m	

Inch Telescope Log
 Obj cover: CAULKERS
 PI: JAWA Wilkes, Huchra

Spectrograph: FAST
 Grating: 300L
 Date: 6/24/00

Page: 8644

Number	Object	R.A.	Dec.	L/R	Exp	Comments
105	comp			↑		
106	id 55	20 05	35 52	#115	3m	
107	comp			↑		
108	id 51	20 05	35 42	#115	3m	
109	comp			↑		
110	id 66	20 05	35 42	#115	4m	
111	comp			↑		
112	2039015	18 42	29 45	#116	10m	
113	comp			↑		
114	MFK 509	20 44	20 42	#116	3m	
115	comp			↑		
116	Akn 564	22 42	29 42	#116	5m	
117	comp			↑		
118	2M211230	21 12	22 57	#168	8m	
119	comp			↑		
120	2M212408	21 24	21 20	#168	4m	
121	comp			↑		
122	2M225926	22 34	40 29	#168	3m	
123	comp			↑		
124	2M224745	22 47	40 07	#168	4m	Row 36
125	comp			↑		
126	2M232259	23 02	44 40	#168	3m	
127	comp			↑		
128	2M231340	23 13	49 40	#168	8m	
129	comp			↑		
130	SDP 284211	21 51	28 57	#56	30s	
131	comp			↑		
132	SDP 284211	21 51	28 57	#56	30s	
133	comp			↑		
134-138	sky			#57	2s	

Inch Telescope Log

by cover: CALKINS

PI: Al. Fishner, Jason

Spectrograph: FAST

Grating: 3000

Page: 8646

Date: 6/25/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-10	BIAS				0s	
21-50	FLAT				6s	
31-40	BIAS				0s	
41-50	FLAT				12s	
57-57	sky			#57	2s	
57	comp			↑		
57-58	H244	13 23	36 07	#56	2m	
59	comp			↑		
60-61	H244	13 23	36 07	#56	2m	
62	comp			↑		
63-64	H244	13 23	36 08	#56	2m	
65	comp			↑		
66	N5846	15 06	01 36	#57	5m	
67	comp			↑		
68	sm 5295	13 58	22 26	#2	20m	PA=110
69	comp			↑		
70	cs 3299	12 08	23 44	#14	20m	then circles
71	comp			↑		
72	cs 189	12 56	29 35	#14	20m	A
73	comp			↑		
74	cs 3189	11 42	28 52	#14	15m	PA=68, then clouds
75	comp			↑		
76	cs 2330	12 11	28 40	#14	12m	*
77	comp			↑		
78	cs 996	12 14	28 44	#14	12m	
79	comp			↑		
80	N4258	12 18	47 18	#6	2m	
81	comp			↑		
82	N4051	12 03	44 32	#6	2m	

Inch Telescope Log
 Observer: C. J. S. S.
 PI: All, F&S, R, Calog

Spectrograph: F&S
 Grating: 500L
 Date: 6/25/00

Page: 8647

Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	comp			↑		
87	NGC 51	12 10	59 04	↑	45s	
88	comp			↑		
89	NGC 279	13 03	69 18	↑	4m	
90	comp			↑		
91	NGC 48	14 18	65 08	↑	5m	
92	comp			↑		
92-100	FLAT				15s	2" slit
101-103	NGC 12017	17 11	-25 41	↑	2, 4, 12	
104	comp			↑		
105	NGC 0894	17 50	54 39	↑	20m	possible binary
106	comp			↑		
107	NGC 533	18 16	61 41	↑	20m	thru clouds, row 87
108	comp			↑		
109, 111	NGC 4985	18 13	44 04	↑	3, 20s	
110	comp			↑		
113, 114	NGC 14422	18 20	23 45	↑	10, 20s	
115	comp			↑		
116, 117	NGC 15496	19 11	25 36	↑	15, 30	
118	comp			↑		
119, 120	NGC 5724	20 36	15 50	↑	10, 20s	
121	comp			↑		
122, 123	NGC 5687	21 12	16 46	↑	20, 40s	
124	comp			↑		
125	NGC 5687	21 17	15 01	↑	90s	
126	comp			↑		wait out clouds
127	NGC 1897	20 05	25 55	↑	5m	hole overhead 3"
128	comp			↑		
129	NGC 1898	20 05	25 49	↑	5m	
130	comp			↑		

Inch Telescope Log

Spectrograph: FACT

Observer: CHUCKS

Grating: 300L

Page: 8648

PI: FAUCS, Wilkes, ALI

Date: 6/25/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
131	id 50	20 05	35 44	#115	m	
132	comp			↑		
133	id 48	20 05	35 49	#115	3m	
134	comp			↑		
135	id 43	20 05	35 52	#115	2.5m	
136	comp			↑		
137	id 45	20 05	35 45	#115	5m	Row 91
138	comp			↑		
139	AKN 514	22 42	29 47	#6	5m	
140	comp			↑		
141	id 10	20 05	35 39	#115	2m	
142	comp			↑		
143	id 9	20 05	35 37	#115	20s	
144	comp			↑		
145	id 29	20 05	35 40	#115	3m	row 89
146	comp			↑		
147	id 42	20 05	35 49	#115	5m	
148	comp			↑		
149	id 2	20 05	35 40	#115	3s	
150	comp			↑		
151	id 1875	20 05	35 51	#115	4m	clouds passing thru
152	comp			↑		
153	17331	22 37	34 24	#57	5.5m	
154	comp			↑		
155	BDP 284211	21 51	28 52	#56	30s	
156	comp			↑		
157	BDP 284211	21 51	28 52	#56	30s	
158	comp			↑		
159-168	BTAS				DS	
169-178	FLAT				6s	

Inch Telescope Log

Object: CALYXNS

Spectrograph: PAST

Grating: 3006

Page: 8649

PI: All

Date: 6/25/00

Number	Object	R.A.	Dec.	L/H	Exp	Comments
<u>179-182</u>	<u>BIAS</u>				<u>0s</u>	
<u>189-198</u>	<u>FLAT</u>				<u>12s</u>	
<u>199-208</u>	<u>DARK</u>				<u>15m</u>	