

Inch Telescope Log

Observer: Z BALOG

PI: MARDAKI

Spectrograph: FAST

Grating: 001 line 2"

Date: 05/01/2000

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Number	Object	R.A.	Dec.	B/H	Exp	Comments
1-10	BIAS					bin by 4
11-20	BIAS					bin by 2
21-25	DARK				20m	bin by 2
26-30	DARK				15m	bin by 4
31-40	FLAT				7c	bin by 4
41-50	FLAT				14s	bin by 2
51-55	sky				1s	
56	comp				5s	
57	ngc 078-86A	10:16	35:32	55F	10m	
58	comp				5s	
59	Feige 31	10:38	42:	56A	30s	
60	comp				10s	
61	ngc 078-86	10:16	35:32	55A	15m	another brighter galaxy East (ngc 078-87)
62	comp				5s	
63	ngc 078-87	10:16	35:32	55F	15m	another fainter galaxy West (ngc 078-86)
64	comp				5s	
65	ngc 078-88	10:16	35:32	55F	10m	another brighter galaxy East (90)
66	comp				5s	
67	ngc 078-89	10:17	38:36	55F	15m	
68	comp				5s	
69	ngc 078-90	10:17	38:36		15m	
70	comp				5s	
71	SN 2000bk	12:33	07:22	2E	20m	PA=0
72	comp				10s	
73	NGC 4853	12:58	-27:37	57A	3m	
74	comp				5c	
75	M296	12:33	+36:07	56A	2.5m	
76	comp				10s	
77	NGC 235-16A	12:48	-07:10	55F	10m	
78	comp				5s	

Inch Telescope Exp.

Observer: Z. BALOG

PI: MAHDAVI / (LINE) / BALOG

Spectrograph: FAST

Grating: 300 line, 3rd slit

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Date: 05/01/00

Number	Object	R.A.	Dec.	F/R	Exp	Comments
79	SS26235.162	13:48	-07:11	SSA	8m	
80	comp				5s	
81	SS26235.163	13:45	-07:19	SSA	8m	
82	comp				5s	
83	SS26235.164	13:45	-07:23	SSA	15m	
84	comp				5s	
85	SS26235.165	13:45	-07:13	SSA	8m	
86	comp				5s	
87	SS26235.166	13:45	-07:12	SSA	5m	
88	comp				5s	
89	SS26235.167	13:45	-07:12	SSA	15m	em of ~700 h _α > ab of
90	comp				5s	
91	Q2155_001	16:00	38:06	64F	15m	
92	comp				5s	
93	Q2155_002	16:00	38:37	64F	15m	
94	comp				5s	
95	Q2155_004	16:01	35:56	64F	12m	
96	comp				5s	
97	Q2155_005	16:01	38:15	64F	12m	
98	comp				5s	
99	Q2155_006	16:01	30:52	64F	12m	
100	comp				5s	
101	Q2155_007	16:02	34:17	64F	5m	
102	comp				5s	
103	1d2706	15:55	35	115A	4m	
104	comp				10s	
105	1d2701	19:35	35:23	115A	4m	
106	comp				10s	
107	1d2698	15:55	35	115A	70s	
108	comp				10s	

Inch Telescope Log

Observer: Z. BALOGH

PI: BALOGH / KIRSCHNER

Spectrograph: FAST

Grating: 300 line slit

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Date: 05/01/2000

Number	Object	R.A.	Dec.	L/R	Exp	Comments
109	1A 2685	19:59	35	MSR	5m	
110	comp			1	10s	
111	1A 2674	19:55	35	MSR	5s	
112	comp				10s	
113	SN 2000CC	17:23	23:40	2E	20m	PA = 0 m/s
114	comp				10s	
115	1A 2666	19:55	35	MSR	5m	
116	comp					
117	1A 2668	19:55	35	MSR	5m	
118	comp				10s	
119	1A 2663	19:55	35	MSR	25m	
120	comp					
121	1A 2662	19:55	35	MSR	3m	
122	comp				10s	
123	1A 2657	19:55	35	MSR	40s	
124	comp				10s	
125	1A 2655	19:55	35	MSR	5s	
126	comp				10s	
127	1A 2648	19:55	35	MSR	5m	
128	comp				10s	
129	1A 2647	19:55	35	MSR	30s	
130	comp				10s	
131	1A 2635	20:00	35	MSR	25m	
132	comp				10s	
133	1A 2632	20:00	35	MSR	5m	
134	comp				10s	
135	1A 2627	20:00	35	MSR	2.5m	
136	comp				10s	
137	1A 2620	20:00	35	MSR	30s	
138	comp				10s	

60 inch Telescope Log

Observer: BALOG

PI: Mahasvi

Spectrograph: FAST

Grating: 300nm E slit

Date: 05/02/2000

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Number	Object	H A	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	binby 4
11-20	BIAS				0s	binby 2
21-25	DARK				20m	binby 2
26-30	DARK				15m	binby 4
31-40	FLAT				7s	binby 4 the light came on - the down
41-50	FLAT				14s	binby 2
51-60	FLAT				7s	binby 4
61-70	FLAT				14s	binby 2
71-75	sky				2s	
76	comp				5s	
77	Force 3h				30s	
78	comp				10s	
79	wrgb 079.68	10:15	38:55	SSA	15m	
80	comp				5s	
81	wrgb 079.69	10:15	38:09	SSA	15m	
82	comp				5s	
83	wrgb 079.70	10:15	38:31	SSA	12m	
84	comp				5s	
85	wrgb 079.71	10:15	38:70	SSA	12m	
86	comp				5s	
87	wrgb 079.72	10:15	38:30	SSA	12m	
88	comp				5s	
89	wrgb 079.73	10:15	38:22	SSA	12m	
90	comp				5s	
91	wrgb 079.74	10:15	38:28	SSA	12m	
92	comp				5s	
93	wrgb 079.75	10:15	38:01	SSA	12m	
94	comp				5s	
95	wrgb 079.76	10:15	38:01	SSA	12m	
96	comp				5s	

6 inch Telescope Log

Observer: Z BALOL

PI: DINES

Spectrograph: FAST

Grating: 100line 3° slit

Date: 05/02/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
97	coma_inf_72	12:50	34:25	64A	15m	
98	comp				5s	
99	h264	12:23	36:02	64A	8.5m	
100	comp				10s	
101	coma_inf_73	12:31	23:57	64A	8m	
102	comp				5s	
103	coma_inf_74	12:45	31:25	64A	10m	
104	comp				5s	
105	coma_inf_75	12:48	32:45	64A	8m	
106	comp				5s	
107	coma_inf_76	12:58	53:35	64A	8m	
108	comp				5s	
109	coma_inf_77	12:28	25:05	64A	8m	
110	comp				5s	
111	coma_inf_78	12:21	23:10	64A	6m	
112	comp				5s	
113	NGC 4853	12:58	27:39	57C	3m	
114	comp				5s	
115	coma_inf_79	12:26	23:25	64A	10m	
116	comp				5s	
117	coma_inf_80	12:18	28:32	64A	6m	
118	comp				5s	
119	coma_inf_81	12:20	30:45	64A	3m	
120	comp				5s	
121	coma_inf_82	12:25	25:45	64A	8m	
122	comp					
123	coma_inf_83	12:12	34:20	64A	8m	
124	comp					
125	coma_inf_84	12:17	24:30	64C	10m	
126	comp					

Inch Telescope Log

Observer: 2 BALOG

PI: Quetzal Balog

Spectrograph: FAST

Grating: 300 line 3" slit

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Date: 05/02/00

Number	Object	R.A.	Dec.	LFR	Exp	Comments
127	com-int-85	12:37	33:26	64A	10m	
128	comp				5s	
129	com-int-86	12:37	33:26	64A	10m	
130	comp				5s	
131	com-int-87	22:51	31:48	64A	8m	
132	comp				5s	
133	com-int-88	18:17	32:49	64A	6m	
134	comp				5s	
135	com-int-90	13:10	21:34	64A	12m	
136	comp				5s	
137	id 2612	20:03	35:49	115A	6m	
138	comp				10s	
139	id 2608	20:03	35	115A	2m	
140	comp				10s	
141	id 2602	20:03	35	115A	5m	
142	comp				10s	
143	id 2555	20:03	35	115A	2m	
144	comp				10s	
145	id 2555	20:03	35	115A	5s	
146	comp				10s	
147	id 2554	20:03	35	115A	5m	
148	comp				10s	
149	id 2553	20:03	35	115A	4m	
150	comp				10s	
151	id 2585	20:03	35	115A	3m	
152	comp				10s	
153	id 2586	20:03	35	115A	30s	
154	comp				10s	
155	id 2581	20:04	35	115A	3m	
156	comp				10s	

Inch Telescope Log
 Observer: BALOG
 PI: Balog

Spectrograph: FAC1
 Grating: 300 line 3' slit
 Date: 05/02/00

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Number	Object	R.A.	Dec.	F/R	Exp	Comments
157	id 2578	20:04	35	115A	5m	
158	comp				10s	
159	id 2567	20:04	35	115A	4m	
160	comp				10s	
161	id 2561	20:04	35	115A	30s	
162	comp				10s	
163	id 2565	20:04	35	115A	3	
164	comp				10s	
165	id 2558	20:04	35	115A	35m	
166	comp				10s	
167	id 2557	20:04	35	115A	4m	
168	comp				10s	
169	id 2556	20:04	35	115A	4m	
170	comp				10s	
171	id 2555	20:04	35	115A	5m	
172	comp				10s	
173	id 2553	20:04	35	115A	30s	
174	comp				10s	
175	id 2551	20:04	35	115A	3m	
176	comp				10s	
177	id 2548	20:04	35	115A	3m	
178	comp				10s	
179	id 2541	20:04	35	115A	5m	
180	comp				10s	
181	id 2539	20:04	35	115A	3m	
182	comp				10s	
183	id 2534	20:04	35	115A	3m	
184	comp				10s	
185	id 2533	20:04	35	115A	3m	
186	comp				10s	

Inch Telescope Log
 Observer: Z BALOL
 PI: KANVAPPAN

Spectrograph: FAT
 Grating: 600line 2'slit 4/11-532 Page: 850A
 Date: 05103100

Number	Object	R.A.	Dec.	L/M	Exp	Comments
1-10	BIAS					bimby 6
11-20	BIAS					bimby 2
21-25	ORBY				20	bimby 2
26-30	ORBY				15	bimby 300line 3'slit
31-40	FLAT				14	bimby 4
41-50	FLAT				7.5	bimby 2
51-55	sky				1.5	
56	comp				5.5	
57-86	FLAT				70s	600line 2'slit slit=532 low M3F
87	comp				10s	
88	IC2520	9:52	27:27	M3A	20	PA=1
89	comp				10s	
90	IC2520	9:53	27:27	M3A	20	
91	comp				10s	
92	IC2520	9:53	27:27	M3B	20	
93	comp				10s	
94	comp				10s	PA=172
95	A11552 p 6237	11:55	62:36	M3A	20	
96	comp				10s	
97	A11552 p 6237	11:55	62:36	M3B	20	
98	comp				10s	
99	A11552 p 6237	11:55	62:36	M3F	20	
100	comp				10s	
101	A11552 p 6237	11:55	62:36	M3F	20	
102	comp				10s	
103	comp				10s	PA=142
104	A14452 p 3545	14:45	35:45	M3A	20	
105	comp				10s	
106	A14452 p 3545	14:45	35:45	M3A	20	
107	comp				10s	

Inch Telescope Log
 Observer: BALOG
 PI: RINES, BALOG

Spectrograph: F4C1
 Grating: 300 line 3° slit
 Date: 05/02/00

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Number	Object	R.A.	Dec.	L/H	Exp	Comments
108	a2155-008	16:02	37:28	64F	8m	300 l/mm grating 3" dia, tilt=610
109	comp				5s	
110	a2155-005M	16:03	38:05	64A	10m	not Two object very close to each other south
111	comp				5s	
112	a2155-005S	16:03	38:15	64A	8m	
113	comp				5s	
114	a2155-010	16:03	38:59	64F	8m	
115	comp				5s	
116	a2155-11	16:03	41:05	64F	6m	
117	comp				5s	
118	a2155-12	16:03	41:31	64A	5m	
119	comp				5s	
120	a2155-13	16:03	40:34	64F	6m	
121	comp				5s	
122	a2155-16	16:04	42:01	64F	10m	
123	comp				5s	
124	a2155-15	16:04	37:05	64A	5m	
125	comp				5s	
126	a2155-16	16:04	42:35	64F	10m	
127	comp				5s	
128	a2155-18	16:05	41:16	64F	10m	
129	comp				5s	
130	a2155-25	20:04	35:47	M5R	5m	
131	comp				10s	
132	a2155-28	20:04	35	M5R	1m	
133	comp				10s	
134	a2155-27	20:04	35	M5A	5	
135	comp				10s	
136	a2155-25	20:04	35	M5R	5m	
137	comp				10s	

Inch Telescope Log
 Observer: Z BALOG
 PI: BALOG

Spectrograph: FAST
 Grating: 300L 3547
 Date: 05 10 2000

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Number	Object	R.A.	Dec.	F/R	Exp	Comments
138	id 2523	20:04	35	MSR	5m	
139	comp				10s	
140	id 2518	20:04	35	MSR	3m	
141	comp				10s	
142	id 2514	20:04	35	MSR	3m	
143	comp				10s	
144	id 2512	20:04	35	MSR	5m	
145	comp				10s	
146	id 2513	20:04	35	MSR	5m	
147	comp				10s	
148	id 2508	20:04	35	MSR	3m	
149	comp				10s	
150	id 2502	20:04	35	MSR	3m	
151	comp				10	
152	id 2495	20:04	35	MSR	90s	
153	comp				10s	
154	id 2496	20:04	35	MSR	3m	
155	comp				10s	
156	id 2492	20:04	35	MSR	3m	
157	comp				10s	
158	id 2486	20:04	35	MSR	4m	
159	comp				10s	
160	id 2485	20:04	35	MSR	3m	
161	comp				10s	
162	id 2484	20:04	35	MSR	3m	
163	comp				10s	
164	id 2480	20:04	35	MSR	4m	
165	comp				10s	
166	id 2478	20:04	35	MSR	5m	
167	comp				10s	

Inch Telescope Log,
 Observer: CALVIN
 PI: Kobonick et al.

Spectrograph: FAST
 Grating: 6000
 Date: 5/4/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-3	DARK				15m	
4-13	BIAS				25	
14-23	FLAT				35s	
24-25	Piece 34	10 26	43 21	56	90s	
26	comp			↑		
27-29	NGC4406	12 23	13 13	88	3m	PA = -49
30	comp			↑		
31	HD110024	12 39	21 05	88	N/A	5" / s
32	comp			↑		
33	comp			↓		
34-36	MFO007	11 11	35 23	88	15m	PA = 110
37	comp			↑		
38-39	M14047	11 56	32 17	98	2.5m	PA = 30
40	comp			↑		
41	comp			↓		
42-44	MFO002	11 05	31 23	88	20m	PA = 95
45	comp			↑		
46	HD114724	13 12	24 15	88	N/A	3" / sec
47	comp			↑		
48	comp			↓		
49-51	MFO072	15 59	15 10	88	15m	PA = 105
52	comp			↑		
53	comp			↓		
54-56	MFO077	16 18	35 10	88	15m	PA = -45
57	comp			↑		
58-60	NGC4839	16 54	27 46	88	3m	PA = 75°
61	comp			↑		
62	SNNGC8452	10 52	36 00	2	20m	PA = 90°
63	comp			↑		
64-65	MFO076	16 16	35 42	88	7.5m	PA = 4

Inch Telescope Log
 Observer: CALWEN
 PI: Kochanek et al
 Spectrograph: FAST
 Grating: 6006
 Date: 5/9/00
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Number	Object	R.A.	Dec.	L/B	Exp	Comments
66	comp			↓		
67	comp			↓		
68-70	MF4097	16 09	64 22	FE 88	15m	PA=7°
71	comp			↑		
72	HD75743	18 56	18 06	FE 88	1/A	3 1/8
73	comp			↑		
74	comp			↓		
75-77	MF4100	17 40	62 37	FE 88	10m	PA=4
78	comp			↑		
79	comp			↓		
80-82	MF4086	15 39	17 01	FE 88	10m	PA=-5
83	comp			↑		
84	comp			↓		
85-87	MF4096	16 17	34 55	FE 88	10m	PA=-60
88	comp			↑		
89-90	NGC 733	22 37	34 26	FE 88	3.5m	PA=4
91	comp			↑		
92	HD192281	20 12	40 16	FE 88	6s	
93	comp			↑		
94	HD152224	16 50	32 31	FE 88	1/A	5 1/8 sec
95	comp			↑		
96-100	sky	19 34	31 46	FE 57	2sec	
101	comp			↑		
102-111	BIAS				0s	
112-121	FLAT				25s	
122-131	DARK				15m	

Inch Telescope Log
 Observer: CAUENUS
 PI: Kerzhnach et al

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

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Run#s	Object	H A	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	DIAS				0s	
21-30	FLAT				25s	
31	Test comp					
32,33	Filter 34	10 29	43 06	#88	20s	clouds at sunset
34	comp			↑		
35	comp			↓		
36-38	MF4021	9 17	20 02	#88	17/20	PA = -20 thru clouds → increase
39	comp			9		
40,41	MF0034	12 36	12 29	#88	75m	exp. times PA = -52
42	comp			↑		
43	comp			↓		
44,45	MF0007	11 11	25 23	#88	20m	thru clouds PA = 22
46	comp			↑		
47	comp			↓		
48-52	MF4026	11 30	24 10	#88	15m	PA = 55
51	comp			↑		
52	comp			↓		
53-54	MF4074	13 07	24 48	#88	15m	PA = 97
55	comp			↑		
56	H244	13 23	26 08	#88	2m	
57	comp			↑		
58	comp			↓		
59-60	MF4086	15 38	17 01	#88	15m	PA = -5
61	comp			↑		
62	comp			↓		
63-65	MF4096	16 17	24 52	#88	15m	PA = -60
66	comp			↑		
67	comp			↓		
68-70	MF4089	16 05	17 46	#88	15m	PA = 70

Inch Telescope Log
 Observer: CALVINUS
 PI: Kochanski

Spectrograph: FAST
 Coating: 6000
 Date: 5/5/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
71	comp			↑		
72	MF4100	17 40	62 37	#88	7.5m	
74	comp			↑		
75, 76	MF4097	16 09	64 21	#88	7.5m	PA = 7°
77	comp			↑		
78, 79	MF0088	17 42	16 12	#88	7.5m	PA = -37
80	comp			↑		
81, 82	MF0074	16 01	16 40	#88	7.5m	PA = -10
83	comp			↑		
84	comp			↓		
85-87	MF4103	17 38	39 14	#88	15m	PA = 17
88	comp			↑		
89	HD192281	20 12	40 16	#88	6.5	
90	comp			↑		
91-95	sky			#57	2.5	clouds moving thru
96	comp			↑		
97-106	BIAS				0s	
107-116	FLAT				55s	
117-126	DARK				15m	

Inch Telescope Log
 Observer: CALKINS
 PI: Kochanek et al.

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

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Number	Object	R.A.	Dec.	L/R	Lap	Comments
1-10	DARK (mislabeled "FLAT")				15m	
11-20	BINS				0s	
21-30	FLAT				25s	
31, 32	Feige 34	10 39	43 06	1588	90s	
33	comp			↑		
34	comp			↓		
35, 36	MF4060	12 09	47 03	1588	15m	PA = 10
37	comp			↑		
38	comp			↓		
39, 40	MF4019	9 14	43 07	1588	15m	PA = 5
41	comp			↑		
42	comp			↓		
43-45	MF4061	12 08	24 56	1588	15m	PA = 25
46	comp			↑		
47	comp			↓		
48-50	MF4069	13 59	36 14	1588	15m	PA = 80
51	comp			↑		
52, 53	MF4049	11 47	60 18	1588	7.5m	PA = 67°
54	comp			↑		
55, 56	MF4045	11 14	28 23	1588	7.5m	PA = 70°, star to east ⇒ gal = row 74
57	comp			↑		
58	comp			↓		
59, 60	MF4079	14 27	69 53	1588	15m	PA = 80
61	comp			↑		
62, 63	MF0078	12 17	19 05	1588	7.5m	PA = 29°
64	comp			↑		
65	H3 44	13 23	36 07	1588	2m	
66	comp			↑		
67	comp			↓		
68, 69	MF4075	13 02	32 53	1588	15m	PA = 100

Inch Telescope Log
 Observer: CALVIN
 PI: Kuchanek et al

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

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
70	comp			↓		
71	comp			↓		
72, 73	MF4081	15 59	21 36	↑ 88	15m	PA = -48
74	comp			↑		
75	comp			↓		
76, 77	MF4091	16 55	46 14	↑ 88	15m	PA = 35
78	comp			↑		
79	comp			↓		
80, 81	MF4099	17 07	30 13	↑ 88	15m	PA = -20
82	comp			↑		
83	comp			↓		
84, 85	MF4093	16 08	11 20	↑ 88	15m	PA = 105
86	comp			↑		
87	comp			↓		
88, 89	MF4098	17 06	30 15	↑ 88	15m	PA = 45
90	comp			↑		
91	comp			↓		
92-94	MF4102	17 24	21 07	↑ 88	15m	PA = 40
95	comp			↑		
96	AD192281	20 12	40 16	↑ 88	6s	PA = 90
97	comp			↑		
98-102	sky			↑ 87	2s	good sky - no clouds!
103	comp			↑		
104-113	FLAT				0s	
114-123	FLAT				35s	
124-133	DARK				15m	

Inch Telescope Log
 Observer: P. Berlin
 PI: Andi

Spectrograph: FAST
 Gen. Log: Bull
 Date: 5/7/02

Page: 8511

Number	Object	H A	Dec.	L/B	Exp	Comments
1-10	DARK				15m	
11-20	BIPS				0s	tons of clouds.
21-30	FLAT				7s	
31-40	BIPS				0s	
41-50	FLAT				14s	
51-52	Fare 34	10:39	+43	56	60s	PA=90
53	COMP			↑		
54	N 3377	10:45	+14:14	57	2m	
55	COMP			↑		
56	Mag 078.093	10:17	+38:22	59	4m	
57	COMP			↑		
58	103	10:18	+38:28	59	34m	
59	COMP			↑		
60	104	10:18	+39	59	3m	
61	COMP			↑		
62	101	10:18	+39	59	10m	
63	COMP			↑		
64	95	10:18	+38	59	10m	
65	COMP			↑		
66	XTEST 118	11:14	+48	65	6m	
67	COMP			↑		
68	96	10:18	+38	59	10m	
69	COMP			↑		
70	97	10:17	+39	54	15m	
71	COMP			↑		
72	90	10:17	+38	59	15m	
73	COMP			↑		
74	91	10:17	+38	59	12m	
75	COMP					

Inch Telescope Log
 Observer: PS
 PI: Andi/Ken
 Spectrograph: FAST
 Grating: 302
 Date: 5/11/00
 Page: 8512

Number	Object	R.A.	Dec.	L/R	Exp	Comments
76	nxp 078.022	10:17	+39	59	12m	extended Hk em @ pri 2104!
77	WMP			r		
78	085	10:16	+38	59	22m	
79	WMP			r		
80	105	10:19	+38	59	10m	
81	WMP			r		
						long cloud delay
82	H244	12:21	+36	56	3m	
83	WMP			r		
84	g249.022	16:05	+37	64	8m	
85	WMP			r		
86	025	16:05	+42	64	12m	
87	WMP			r		
88	027	16:06	+40	64	6m	
89	WMP			r		
90	026	16:05	+36	64	12m	
91	WMP			r		
92	023	16:05	+41	64	12m	
93	WMP			r		
94	024	16:05	+40	64	8m	
95	WMP			r		
96	029	16:06	+36	64	6m	
97	WMP			r		
98	030	16:06	+37	64	7m	
99	WMP			r		
100	031	16:06	+4022	64	8m	
101	WMP			r		
102	032	16:06	+37	64	6m	
103	WMP			r		

6 inch Telescope Log

Observer: JB

PI: Kan

Spectrograph: FAST

Centlog: 3000

Date: 5/7/00

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Number	Object	R.A.	Dec.	LPH	Exp	Comments
105	α2199.033	16:07	+36	64	8m	pretty clear!
106	COMP			f		
107	034	16:07	+37	64	8m	
108	COMP			f		
109	035	16:07	+36	64	15m	
110	COMP			f		
111	036	16:07	+38	64	10m	
112	COMP			f		
113	037	16:07	+39	64	5m	
114	COMP			f		
115	038	16:07	+37	64	7m	
116	COMP			f		
117	039	16:07	+41	64	4m	
118	COMP			f		
119	040	16:07	+38	64	4m	
120	COMP			f		
121	041	16:07	+28	64	22m	
122	COMP			f		
123	042	16:07	+42	64	5m	
124	COMP			f		
125	043	16:07	+38	64	5m	
126	COMP			f		
127	044	16:07	+28	64	2m	* + E
128	COMP			f		
129	048	16:11	+43	64	6m	
130	COMP			f		
131	051	16:15	+43	64	4m	
132	COMP			f		
133	050	16:12	+33	64	4m	
134	COMP			f		

Inch Telescope Log,
 Observer: PB
 PI: Kan

Spectrograph: F15T
 Grating: 3rd
 Date: 5/7/00

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Number	Object	R.A.	Dec.	L/R	Lap	Comments
135	α2199-065	16:23	+44:51	64	Sun	clouds!
136	COMP			↑		
137	067	16:22	+43	64	90s	sup * ; all star
138	COMP			↑		
139	074	16:29	+43	64	4m	
140	COMP			↑		
141-3	HD192251	20:10	+40	56	5s	
144	COMP			↑		
153-154	BPM5				0s	
155-167	FLAT				7s	clouds all over!
165-174	BPM5				0s	
175-184	FLAT				14s	

Inch Telescope Log
 Observer: PB Berlin
 PI: Falco

Spectrograph: FAST
 Genlog: 3002
 Date: 5/8/00

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Box	Object	R.A.	Dec.	L/R	Exp	Comments
110	DARK				15s	
1120	ISDBS				0s	lots of clouds!
2120	FLAT				7s	nice sunset
3140	BIDS				0s	
4150	FLAT				14s	
5155	shy	zenith		57	7s	
52	WMP			†		
57-58	Ferris	10:39	+43	56	90s	
59	WMP			†		
60	N 3379	10:45	+1250	57	90s	
61	WMP			†		
62	ARGO 7800	10:16	+38	59	Sun	
63	WMP			†		
64	MRK 421	11:04	+38	65	7m	
65	WMP			†		cloud delay
66	11262	11:28	+20	84	7m	
67	WMP			†		
68	N 3683A	11:29	+57	84	Sun	
69	WMP			†		
70	1130 psc42	11:32	+56	84	Sun	
71	WMP			†		↑↑ clouds
72	11298 p0105	11:32	+10	84	7m	* to W
73	WMP			†		
74	11297 m0104	11:31	-016	84	10m	
75	WMP			†		
76	11289 m0174	11:31	-0150	84	Sun	
77	WMP			†		
78	11267 m0126	11:29	-0142	84	Sun	
79	WMP			†		

Inch Telescope Log
 Observer: PB
 PI: Falco/Andi

Spectrograph: FAST
 Grating: hal
 Date: 5/8/10

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Number	Object	RA	Dec.	LPH	Lap	Comments
80	11269m0128	11:29	-0144	84	12m	
81	COMP			f		thick clouds
82-84	TXCUN	12:44	+36	12	10-90s	
85	COMP			f		
86	N3729	11:33	-153	84	7m	
87	COMP			f		
88	11326p575	11:35	+57	84	8m	
89	COMP			f		
90	11327p5512	11:35	-154	84	84	
91	COMP			f		Finally clearing!
92	11329p5506	11:36	+54	84	4m	
93	COMP			f		
94	11308p6210	11:37	+61	84	4m	
95	COMP			f		
96	5526239.128	13:46	-0719	59	8m	
97	COMP			f		
98	129	13:46	-0728	59	10m	
99	COMP			f		
100	131	13:46	-0722	59	7m	
101	COMP			f		
102	137	13:47	-07	59	8m	13:47:21 -7:03:53
103	COMP	moving		f		13:47:43 -7:26:43
104	138	13:47	-08	59	8m	13:47:39 -7:26:43
105	COMP			f		
106	139	13:48	-08	59	8m	
107	COMP			f		
108	146	13:48	-08	59	8m	2 stars; no gal
109	COMP			f		
110	143	13:47	-06	59	12m	
111	COMP			f		

REDO

108 - object is a galaxy with star to W.

RRA DIFFERENT FROM RRA+TRA
 RRA LOOKS LIKE GAL

RRA 13:48:04
 RA 13:48:06

Inch Telescope Log

Observer: PB
 PI: Ande / Calvet

Spectrograph: FAST
 Grating: 3002
 Date: 5/8/10

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
112	SS26239.144	13:48	-07:52	S9	8m	
113	COMP			r		
114	140	13:47	-08	S9	8m	
115	COMP			r		
116	147	13:48	-08	S9	20s	Star *
117	COMP			r		
118	148	13:48	-07	S9	12m	
119	COMP			r		
120	HE249	13:21	-18	S6	2m	PA=90
121	COMP			r		
122-3	hlc-76071	16 ↓	-20 ↓	S9	2s	PA=0 ↓
124	COMP			r		
125-6	76310			S9	2s	
127	COMP			r		
128-9	76503			S9	2s	
130	COMP			r		
131-2	76633			S9	2s	
133	COMP			r		
134-5	77457			S9	2s	
136	COMP			r		
137-8	77545			S9	2s	
139	COMP			r		
140-41	77625			S9	2s	
142	COMP			r		
143-4	77635			S9	2s	
145	COMP			r		
146-7	77813			S9	2s	
148	COMP			r		
149-150	77810			S9	2s	
151	COMP			r		

Inch Telescope Log
 Observer: PB
 PI: Calcut

Spectrograph: FAST
 Grating: 302
 Date: 5/8/00

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Number	Object	R.A.	Dec.	U/R	Exp	Comments
152-3	hr277859	16 ↓	-20 ↓	89	2s	PA=0 ↓
154	COMP			↑		
155-6	77900			89	2s	
157	COMP			↑		
158-9	77909			89	2s	
160	COMP			↑		
161-2	77911			89	2s	
163	COMP			↑		
164-5	77939			89	2s	
166	COMP			↑		
167-8	77960			89	2s	
169	COMP			↑		
170-71	78019			89	2s	
172	COMP			↑		
173-4	78168			89	2s	
175	COMP			↑		
176-7	78207			89	2s	
178	COMP			↑		
179-80	78233			89	2s	
181	COMP			↑		
182-3	78246			89	2s	
184	COMP			↑		
185-6	78494			89	2s	
187	COMP			↑		
188-9	78530			89	2s	
190	COMP			↑		
191-2	78549			89	2s	
193	COMP			↑		
194-5	78663			89	2s	
196	COMP			↑		

Inch Telescope Log
 Observer: PB
 PI: Calvert

Spectrograph: FAST
 Grating: 300L
 Date: 5/8/00

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Number	Object	H A	Dec.	L/R	Exp	Comments
197-8	h12 78609	16: ↓	-20 ↓	89	2s	PA=0 ↓
199	COMP			↑		
200-21	78947			89	2s	
202	COMP			↑		
203-4	78977			89	2s	
205	COMP			↑		
206-7	78956			89	2s	
208	COMP			↑		
209-10	78968			89	2s	
211	COMP			↑		
212-13	80461			89	2s	
214	COMP			↑		
215-6	80473			89	2s	
217	COMP			↑		
218-9	80474			89	2s	
220	COMP			↑		
221-2	80493			89	2s	
223	COMP			↑		
224-5	80569			89	2s	
226	COMP			↑		
227-8	80586			89	2s	
228	COMP			↑		
230-31	80799			89	2s	
232	COMP			↑		
233-4	80846			89	2s	
235	COMP			↑		
236-7	81455			89	2s	
238	COMP			↑		
239-40	81474			89	2s	
241	COMP			↑		

Inch Telescope Log

Observer: PB

PI: Calvet

Spectrograph: FAST

Coating: 30R

Date: 5/8/60

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Number	Object	R.A.	Dec.	LIR	Lap	Comments
2423	hr281624	16:20	-20	89	2s	PA=0 ↓
244	COMP	↓	↓	↑		
2456	81851			89	2s	
247	COMP			↑		
2489	82218			89	2s	
250	COMP			↑		
2512	82319			89	2s	
253	COMP			↑		
2545	82397			89	2s	
256	COMP			↑		
257	92199,015	16:07	+58	69	6m	PA=90
258	COMP			↑		
259	046	16:07	+75	69	6m	
260	COMP			↑		
261	049	16:12	+35	69	6m	
262	COMP			↑		
263	052	16:15	+44	69	6m	
264	COMP			↑		
265	051	16:05	+42	69	8m	
266	COMP			↑		
267	017	16:04	+39	69	5m	
268	COMP			↑		
269	019	16:05	+40	69	5m	
270	COMP			↑		
271	020	16:05	+42	69	15m	
272	COMP			↑		

Sixty Inch Telescope Log

Observer: PB
Scott.

Spectrograph: FAST
Grating: 3WR
Date: 5/16/00

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Number	Object	N A	Dec.	L/R	Exp	Comments
273	02199-003	16.61	+407K	64		
274	COMP			f		
275	090	16	+40	64	15s	
276	COMP			f		
277	HD 15791	17.08	+27	12	15-10s	
280	COMP			f		
281	Draco 1	17.19	+57	12	30s, 15s	
283	COMP			f		
285	V150	18.11	+11	12	30s, 15s	
286	COMP			f		
287	S149	18.18	+27	12	10s, 15s	
289	COMP			f		
290	V440 Ho	18.22	+27	12	25-90s	
291	COMP			f		
292	ABE 2251	20.10	+10	56	4s	clear @ dawn
293	COMP			f		294-296 ~
294	COMP			f		
295	DIAS				0s	298 - 307
296	FLAT				7s	308 - 317
297	DIAS				0s	318 - 327
298	FLAT				14s	328 - 337

Inch Telescope Lrr.
 Observer: P. Berland
 PI: Kirshner

Spectrograph: FAST
 Grating: 300
 Date: 5/14/00

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Number	Object	R.A.	Dec.	L/R	Lsp	Comments
40	BTAS				03	
41-20	FLAT				78	
21-30	BTAS				03	clear skies!
31-40	FLAT				193	
41-45	sky	zenith		57	25	
46	F WMP			↑		
47-48	Felix 31	10:39	+13	56	905	
49	WMP			↑		
50	NUH8ED	12:30	+12	57	4m	
51	WMP			↑		
52	MRK121	11:00	+40	65	5m	
53	WMP			↑		
54	SN2000ce	08:05	+66:47	2	20m	PA=-60
55	WMP			↑		
56	SNPPFgi	10:18	+11	2	20m	PA=-60
57	WMP			↑		
58	SN2000bk	12:33	-07	2	20m	PA=-04
59	WMP			↑		
60	11/03 p6011	11:13	+59:54	84	15m	redo from 3/14/00 PA=5
61	WMP			↑		
62	13547p14	13:57	+14	84	6m	PA=5 to avoid sup *
63	WMP			↑		
64	SN2000P	13:07	-28	2	20m	PA=5
65	WMP			↑		
66	H244	13:21	-26	56	2m	PA=90
67	WMP			↑		
68	KTETHK	11:18	+48	65	5m	
69	WMP			↑		
70	SS26239.137	13:47	-07:03	59	5m	redo from 5/8/00 +102
71	WMP			↑		

ADDED FILE 60 TO FILE 166 from 3/14/00 to create file 6066

Cinch Telescope Log

Observer: PB

PI: Andi

Spectrograph: FAST

Grating: 30R

Date: 5/9/60

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
72	5526239.149	1348	-0710	S9	9m	
73	COMP			F		
74	150	1348	-06	S9	10m	pec. high ca
75	COMP			F		
76	152	1348	-0712	S9	5m	
77	COMP			F		
78	153.155	1348	-0639	S9	6m	*155 @ row 58 29915
79	COMP			F		*153 @ row 44
80	156	1348	-07	S9	2m	
81	COMP			F		
82	157	1348	-07	S9	7m	
83	COMP			F		
84	158	1348	-07	S9	5m	* to W
85	COMP			F		
86	159	1348	-07	S9	5m	
87	COMP			F		
88	160	1348	-07	S9	4m	
89	COMP			F		
90	161	1347	-07	S9	10m	
91	COMP			F		
92	168	1349	-0706	S9	8m	
93	COMP			F		
94	169	1349	-07	S9	4m	
95	COMP			F		
96	170	1349	-07	S9	5m	
97	COMP			F		
98	172	1349	-07	S9	12m	WK HA pin 2118
99	COMP			F		
100	171	1349	-07	S9	6m	* to E close
101	COMP			F		

6 inch Telescope log

Observer: PB

PI: Ken

Spectrograph: FAST

Grating: 300L

Date: 5/9/00

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Number	Object	R.A.	Dec.	LIR	Lxp	Comments
102	a2199.053	16:16	+34.59	64	6m	
103	WMP			↑		
104	055	16:17	+34	64	6m	
105	WMP			↑		
106	057	16:20	+43	64	6m	
107	WMP			↑		
108	058	16:20	+35	64	8m	
109	WMP			↑		
110	060	16:20	+34	64	4m	
111	WMP			↑		
112	062	16:23	+34	64	3m	
113	WMP			↑		
114	063	16:23	+44	64	6m	
115	WMP			↑		
116	064	16:23	+35	64	8m	
117	WMP			↑		
117	066	16:25	+43	64	6m	bit gal off to E
119	WMP			↑		
120	068	16:26	+43	64	5m	+ to E
121	WMP			↑		
122	069	16:26	+35	64	5m	
123	WMP			↑		
124	072	16:26	+35	64	5m	
125	WMP			↑		
126	070	16:26	+43	64	5m	
127	WMP			↑		
128	071	16:28	+44	64	10m	
129	WMP			↑		
130	073	16:27	+43	64	4m	
131	WMP			↑		

Inch Telescope Log
 Observer: PB
Ken
 PI: _____

Spectrograph: FAST
 Coating: 3002
 Date: 5/9/00

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Height	Object	HA	Dec.	LFB	Exp	Comments
132	92199.075	16:29	+49	69	10m	
133	WMP			r		
134	076	16:30	+49	69	3m	
135	WMP			r		
136	077	16:30	+49	69	7m	* to W
137	WMP			r		
138	078	16:30	+49	69	3m	
139	WMP			r		
140	079	16:32	+49	69	4m	
141	WMP			r		
142	080	16:34	+49	69	4m	
143	WMP			r		
144	081	16:35	+49	69	4m	
145	WMP			r		
146	082	16:35	+49	69	6m	
147	WMP			r		
148	083	16:35	+49	68	3m	
149	WMP			r		
150	084	16:36	+49	68	3m	
151	WMP			r		
152	085	16:36	+49	68	5m	
153	WMP			r		
154	086	16:36	+49	68	2m	
155	WMP			r		
156	087	16:36	+49	68	3m	
157	WMP			r		
158	088	16:36	+49	68	6m	
159	WMP			r		
160	089	16:37	+49	68	3m	
161	WMP			r		

6-inch Telescope Log
 Observer: CALLEN matchbook
 #1: All Kenyan Forest, Garden

Spectrograph: FAST
 Grating: 300L
 Date: 5/10/00

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Height	Object	R.A.	Dec.	L/R	Tap	Comments
53	DARK				15m	
1-23	BIRDS				0s	
4-23	FLAT				6s	
4-33	BIRDS				0s	
44-43	FLAT				12s	
47-45	Feige 34	10 39	43 06	#56	90s	
46	comp			↑		
47-43	Feige 34	10 39	43 06	#56	90s	
49	comp			↑		
50-51	Feige 34	10 38	43 06	#56	90s	PA = -30
52	comp			↑		
53-54	B G gem	10 03	27 42	#100	2, 12m	
55	comp			↑		
56	XTE J1118	11 18	48 03	#65	10m	
57	comp			↑		
58	MRX 421	11 09	38 12	#65	5m	
59	comp			↑		
60	U2b 239.173	13 49	-7 02	#65	20m	19 yr, but poor - not really enough data
61	comp			↑		
62	#174	13 49	-7 06	#65	20m	
63	comp			↑		
64	#176	13 49	-7 09	#65	4m	
65	comp			↑		
66	#177	13 49	-6 34	#65	5m	
67	comp			↑		
68	#178	13 49	-8 05	#65	17m	
69	comp			↑		
70	#179	13 49	-7 30	#65	20m	
71	comp			↑		
72	#180	13 49	-6 53	#65	20m	

6 inch Telescope Log

Observer: CAWKENS

1: Mahdavi, Brown, Kipthner, Pines

Spectrograph: FAS 5

Grating: 3006

Date: 5/10/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
73	comp			↑		
74	#181	13 49	-6 06	#105	4m	
75	comp			↑		
76	#182	13 49	-7 13	#105	6m	
77	comp			↑		
78	cs 234	12 12	29 29	#114	17m	
79	comp			↑		
80	cs 992	12 14	28 55	#114	15m	
81	comp			↑		
82	cs 3246	13 25	29 39	#114	12m	STAR *
83	comp			↑		
84	cs 1522	13 15	29 59	#114	20m	PA=90° to isolate
85	comp			↑		
86	cs 3317	13 01	29 19	#114	17m	PA=70° 2 obj's near center
87	comp			↑		
88	SN2000Def	15 57	65 55	#12	20m	PA=0° IA!
89	comp			↑		
90, 91	SN2000Cep	15 59	18 47	#12	20m	PA=15° faint
92	comp			↑		
93	2199-091	16 37	44 16	#104	4m	
94	comp			↑		
95	2199-092	16 37	35 20	#104	10m	
96	comp			↑		
97	#93	16 37	44 27	#104	4m	
98	comp			↑		
99	#94	16 38	43 49	#104	17m	
100	comp			↑		
101	#95	16 39	43 38	#104	8m	
102	comp			↑		
103	#96	16 39	43 59	#104	6m	

6-inch Telescope Log

Observer: CALKINS

PI: Rines, Calvet, Kenyon

Spectrograph: FAST

Grating: 3006

Date: 5/10/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
104	comp			↑		
105	#97	16 42	43 37	#64	4m	
106	comp			↑		
107	#98	16 42	43 54	#64	5m	
108	comp			↑		
109	#99	16 42	43 59	#64	3m	
110	comp			↑		
111	#100	16 44	43 43	#64	10m	
112	comp			↑		
113	#101	16 45	35 13	#64	8m	
114	comp			↑		
115	#102	16 45	35 21	#64	5m	
116	comp			↑		
117	#103	16 45	47 52	#64	2.5m	
118	comp			↑		
119	#104	16 45	35 27	#64	2m	
120	comp			↑		
121	FLCOP	20 46	67 52	#89	20m	
122	comp			↑		
123-4	RS125	18 34	1 47	#12	2, 10m	
125	comp			↑		
126	N7331	22 37	34 25	#57	3m	
127	comp			↑		
128	N7331	22 37	34 25	#57	3m	
129	comp			↑		
130-134	sky			#57	2s	
135	comp			↑		
146-145	BSAS				0s	
146-135	FLAT				6s	
156-145	BSAS				0s	
166-175	FLAT				12s	
176-185	DARK				15m	

Inch Telescope Log

Observer: CALKINS

PI: All, Kishner, Garcia, Falco

Spectrograph: FAST

Grating: X06

Date: 5/11/00

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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	
51-55	sky			#57	2s	
56	comp			↑		
57, 58	Feige 54	10 39	43 06	#56	90s	
59	comp			↑		
60, 61	Feige 54	10 39	43 06	#56	90s	
62	comp			↑		
63, 64	Feige 54	10 39	43 06	#56	90s	PA = -30
65	comp			↑		
66	AGK 2p 14783	7 20	14 54	#57	5s	
67	comp			↑		
68	AGK 2p 14783	7 20	14 54	#57	5s	
69	comp			↑		
70	SN 2000ce	8 05	66 47	#2	15m	PA = 110
71	comp			↑		clouds moving in
72	XTE J1118	11 18	48 01	#65	20m	abort @ 11 min due
73	comp			↑		to clouds
74	1401am0154	14 03	-00 58	#84	4m	hole! (sucker?!)
75	comp			↑		
76	1401am0154	14 03	-2 07	#84	4m	
77	comp			↑		looking for holes
78	N4100	12 06	49 29	#84	2m	
79	comp			↑		
80	1203p 0916	12 06	49 06	#84	4m	
81	comp			↑		
82	1203p 0916	12 06	49 59	#84	4m	clouds, HA?

Inch Telescope Log
 Observer: CAVANA
 PI: Fales, Kishner, Rines, Kerym
 Spectrograph: FAST
 Grating: 3000
 Date: 5/11/00
 Page: 8531

Number	Object	R.A.	Dec.	L/R	Exp	Comments
83	comp			↑		
84	2045p4320	12 07	43 01	#84	50s	
85	comp			↑		
86	12081p2929	12 10	17 52	#84	3m	
87	comp			↑		
88	14024p1258	14 04	12 43	#84	16m	thru clouds
89	comp			↑		wait out clouds...
90	SN2000f	15 53	65 54	#2	20m	PA = -8, thru clouds
91	comp			↑		
92	SN2000f	15 53	65 54	#2	20m	once more, thru clouds
93	comp			↑		
94	a2199-105	16 49	56 12	#64	5m	
95	comp			↑		
96	#706	16 49	40 10	#64	17m	
97	comp			↑		
98	#107	16 49	39 46	#64	9m	
99	comp			↑		
100	#108	16 49	58 52	#64	4m	
101	comp			↑		
102	#109	16 49	40 26	#64	7m	
103	comp			↑		
104	#110	16 49	43 13	#64	15m	DANG Clouds!
105	comp			9		
106-107	PG507	18 44	5 01	#12	300/100	thru clouds, Paw 85
108	comp			↑		
109-111	V1016Cy9	19 57	39 49	#12	2/15/00	Thru clouds
112	comp			↑		
113	V1016Cy9	19 57	39 49	#12	4m	
114	comp			↑		
115-117	HMS01	19 41	16 44	#12	15/50m	

** Skat of FAST Run **

Inch Telescope Log
 Observer: P. Berland
 PI: Andi

Spectrograph: FAST
 Grating: 300L
 Date: 5/22/00

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-3	test					<i>* DATA in Fits format *</i>
4-13	DARK				15m	
14-25	BIAS				0s	
26-35	FLAT				7s	
36-45	BIAS				0s	<i>a few clouds.</i>
46-55	FLAT				14s	
56-60	sky	Zenith		57	2s	
61	COMP			9	5s	
62-63	IC 3434	10:36	+43	56	90s	
64	COMP			9		
65	N 3579	10:45	+12	57	10s	
66	COMP			9		NOT A COMP
67	SN 2000cc	08:05	+66	2	22m	<i>PR-50</i>
68	COMP			9		
69	NG 6078 (M)	10:14	+38	59	12m	
70	COMP			9		
71	OT7	10:15	+79	59	15m	
72	COMP			9		NOT A COMP <i>with file 70</i>
73-74	SN 2000	13:07	-28	2	2m, 2m	<i>PR-0</i>
75	COMP			9		
76	HE 44	13:21	-26	56	2m	<i>PR-90</i>
77	COMP			9		
78	SS 26239.168	13:50	-06	59	8m	
79	COMP			9		
80	193	13:50	-07	59	15m	
81	COMP			9		
82	157	13:50	-06	59	5m	
83	COMP			9		
84	190	13:50	-07	59	7m	
85	COMP			9		

Rank	Object	R.A.	Dec.	L/R	Exp	Comments
118	a2199.124	16:51	+40	69	15m	
119	COMP			f		
120	118	16:51	+40	69	6m	
121	COMP			f		
122	120	16:51	+41	69	5m	
123	COMP			f		
124	121	16:51	+39	69	6m	* to E
125	COMP			f		
126	122	16:51	+37	69	6m	
127	COMP			f		
128	125	16:52	+40	69	7m	
129	COMP			f		
130	126	16:52	+40	69	4m	
131	COMP			f		
132	127	16:52	+39	69	6m	!
133	COMP			f		
134	129	16:52	+40.21	69	12m	FSS/Shuttle - bright! 0.1
135	COMP			f		
136	133	16:53	+39	69	4m	
137	COMP			f		
138-140	H147251	2072	+10	66	5s	
141	COMP			f		
142	N7751	27:30	+34	57	3m	clear skies
143	COMP			f		
144-153	BIAS				0s	
154-163	FLAT				0s	
164-173	BIAS				0s	
174-183	FLAT				14s	
184-193	DARK				20m	

4:02

6 inch Telescope Log
 Observer: PB
 PI: Ken

Spectrograph: FAST
 Grating: 3wP
 Date: 5/22/00

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Number	Object	R.A.	Dec.	Cl#	Exp	Comments
86	5526239.A2	13:50	-0737	59	15m	windy!
87	COMP			†		
88	5526239.A2	13:51	-0737	59	15m	bub, 2; E+W comps
89	COMP			†		
90	198	13:51	-0745	59	8m	
91	COMP			†		
92	199	13:51	-07	59	7m	
93	COMP			†		
94	201	13:5	-06	59	15m	
95	COMP			†		
96	206	13:52	-07	59	15m	
97	COMP			†		NOT A COMP used 95
98	208	13:52	-07	59	15m	→ to W
99	COMP			†		NOT A COMP used 95
100	SN2000cf	15:52	+66	2	20m	PA=70
101	COMP			†		
102	92199.11	16:50	+78	69	9m	PA=90
103	COMP			†		
104	112	16:50	+40	69	20m	
105	COMP			†		
106	116	16:51	+39	69	15m	
107	COMP			†		
108	113	16:50	+41	69	10m	
109	COMP			†		
110	114	16:50	+39	65	5m	
111	COMP			†		
112	117	16:51	+38	65	5m	
113	COMP			†		
114-6	SN2000ci	17:44	+67	2	20m	PA=0 (SN 926470)
115.7	COMP			†		Final!

Inch Telescope Log
 Observer: CALY-SAS
 Spectrograph: FAST
 Grating: 3000
 Page: 8561
 PI: All Brown, Garcia
 Date: 5/23/00 (JP)

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-3	PARK				5m	
2-13	BEAS				0.5	
14-23	FLAT				6s	
24-33	BIAS				0.5	
34-43	FLAT				12s	
44, 45	Feige 34	10 39	43 06	F56	90s	
46	comp			↑		
47, 48	Feige 34	10 39	43 06	F56	90s	
49	comp			↑		
50	M44861	12 30	12 29	F57	5m	
51	comp			↑		
52	CS3026	9 07	29 28	F114	12m	
53	comp			↑		
54	CS3070	9 15	29 36	F114	8m	*
55	comp			↑		
56	WF1	13 02	29 14	F118	5m	
57	comp			↑		seeing not too good
58	XTE	11 18	48 02	F65	10m	
59	comp			↑		
60	CS3124	10 26	29 42	F114	12m	*
61	comp			↑		
62	CS3110	10 06	29 20	F114	12m	
63	comp			↑		
64	CS3123	10 23	29 00	F114	12m	
65	comp			↑		
66	CS3129	10 40	29 20	F114	12m	
67	comp			↑		
68	CS561	10 58	29 29	F114	12m	
69	comp			↑		
70	CS562	10 59	29 27	F114	12m	

Inch Telescope Log
 Observer: Collins
 PI: Brown, Riese
 Spectrograph: FAST
 Catalog: 3002
 Date: 5/23/00 (ve)
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Number	Object	R.A.	Dec.	L/H	Exp	Comments
71	comp			↑		
72	cc 3150	11 16	29 14	#114	12m	
73	comp			↑		
74	cc 3170	11 23	29 14	#114	12m	
75	comp			↑		
76	cc 802	11 27	28 53	#114	15m	
77	comp			↑		
78	cc 3175	11 22	28 56	#114	12m	
79	comp			↑		
80	cc 130	16 53	39 09	#64	5m	row 80
81	comp			↑		
82	#131	16 53	39 18	#64	6m	
83	comp			↑		
84	#132	16 53	38 40	#64	4m	
85	comp			↑		
86	#134	16 53	41 20	#64	2m	
87	comp			↑		
88	#135	16 54	37 37	#64	4m	
89	comp			↑		
90	#136	16 54	37 37	#64	4m	
91	comp			↑		
92	#137	16 54	39 22	#64	6m	
93	comp			↑		
94	#138	16 54	37 56	#64	7m	
95	comp			↑		
96	#139	16 54	41 12	#64	13m	
97	comp			↑		
98	#141	16 55	39 08	#64	10m	
99	comp			↑		
100	#142	16 55	37 57	#64	4m	

Inch Telescope Log

Spectrograph: FAST

Observer: Collins

Grating: 3000

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PI: Kushnir, Fazio

Date: 5/12/02 (62)

Number	Object	R.A.	Dec.	L.R.	L.P.	Comments
101	comp			↑		
102-103	SN 2002JG	17 44	67 35	F82	20m	PA=0, row 84
104	comp			↑		
105	BDP 332602	15 52	32 57	F56	1m	PA=83°
106	comp			↑		
107-116	FLAT				155	2" slit
117-118	HD 140159	15 41	19 40	F87	1505, 1	
119	comp			↑		
120-121	HD 130109	14 46	1 53	F87	1, 1.5	
122	comp			↑		
123-124	HD 142775	15 45	5 26	F87	1.5, 1.5	
125	comp			↑		
126-129	HD 161868	17 47	2 42	F87	1, 1.5	
130	comp			↑		
131-133	HD 192775	20 15	37 23	F87	1.5, 8.5	
134	comp			↑		
135, 136	HD 170693	18 26	65 53	F87	1, 1.5	
137	comp			↑		
138-140	HD 173398	18 40	62 44	F87	.5, 1.2	
141	comp			↑		
142-144	+62.0634	18 48	62 16	F87	15, 30, 45	
145	comp			↑		
146-147	+64.0591	19 26	64 25	F87	12, 24	
148	comp			↑		
149-151	+65.0599	19 35	65 12	F87	15, 10, 30	
152	comp			↑		
153-154	+66.0578	19 25	66 41	F87	15, 30	
155	comp			↑		
156-158	+67.0566	19 51	67 40	F87	10, 20, 30	
159	comp			↑		

Inch Telescope Log

Spectrograph: FAST

Observer: CALKINS

Grating: 300L

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PI: Fazio, Kenyon, All

Date: 5/23/00

Number	Object	R.A.	Dec.	LIR	Lap	Comments
160-161	68.0432	19 11	68 07	#87	15, 30	
162	comp			↑		
163-164	68.0433	19 13	68 48	#87	15, 25	
165	comp			↑		
166-167	69.0455	18 20	69 21	#87	20, 50	
168	comp			↑		
169	70.0455	18 31	70 18	#87	50	
170	comp			↑		
171-173	V1415Apl	19 03	16 26	#12	20, 15, 10	also identified as AS 538
174	comp			↑		
175-176	BFCyg	19 23	29 40	#12	15, 10	
177	comp			↑		
178-180	CHCyA	19 24	50 14	#12	15, 20	
181	comp			↑		
182-184	HMSqu	19 41	16 44	#12	12, 60	
185	comp			↑		
186-187	AS360	19 45	18 30	#12	3, 50	
188	comp			↑		
189	N7331	22 57	34 24	#57	30	
190	comp			↑		
191	HD192281	20 12	40 16	#56	50	
192	comp			↑		
193-197	sky			#57	20	
198	comp			↑		
199-208	BIAS				01	
209-218	FLAT				100	
219-228	BIAS				00	
229-238	FLAT				120	
239-248	DARK				150	

Inch Telescope Log
 Observer: CALYNS
 PI: All, Kishner, Garcia
 Spectrograph: FAST
 Grating: 300L
 Date: 5/24/00
 Page: 8565

Number	Object	R.A.	Dec.	L/B	Exp	Comments
1-10	DARK				15m	
11-20	BEAS				0s	
21-30	FLAT				6s	
31-40	BEAS				0s	
41-50	FLAT				12s	
51-55	sky			F57	2s	
56	comp			↑		
57	H244	13 23	36 07	F56	2m	
58	comp			↑		
59	H244	13 23	36 07	F56	2m	
60	comp			↑		
61	H244	13 23	36 07	F56	2m	PA = 79°
62	comp			↑		
63	SN2000ce	8 05	66 47	F2	15m	PA = 102°, Row 81
64	comp			↑		
65/66	XTE J1118	11 18	48 02	F65	10m	UT = 3:45
67	comp			↑		
68/69	XTE J1118	11 18	48 02	F65	10m	
70	comp			↑		
71-74	XTE J1118	11 18	48 02	F65	5m	high cts ⇒ bump down exp times
75	comp			↑		
76-79	XTE J1118	11 18	48 02	F65	5m	
80	comp			↑		
81-84	XTE J1118	11 18	48 02	F65	5m	
85	comp			↑		
86-89	XTE J1118	11 18	48 02	F65	5m	
90	comp			↑		
91-94	XTE J1118	11 18	48 02	F65	5m	
95	comp			↑		
96-99	XTE J1118	11 18	48 02	F65	5m	

Inch Telescope Log

Spectrograph: FAST

Observer: CALKINS

Grating: X00L

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PI: Garcia, Kirshner, Colvet

Date: 5/29/00

Number	Object	R.A.	Dec.	LHA	Exp	Comments
1002	comp			↑		
101-104	XTE J1118	11 18	48 02	*65	5m	
105	comp			↑		
106-109	XTE J1118	11 18	48 02	*65	5m	
110	comp			↑		
111-114	XTE J1118	11 18	48 02	*65	5m	
115	comp			↑		
116-119	XTE J1118	11 18	48 02	*65	5m	UT = 8:12
120	comp			↑		
121	sn2000df	15 53	45 55	#2	70m	PA = -27°
122	comp			↑		
123, 124	hic 82319	16 49	22 42	*89	2s	PA = 0 ↓
125	comp			↑		
126-7	hic 82218	16 47	-19 51	*82	2s	
128	comp			↑		
129-30	hic 81851	16 42	-26 27	*89	2s	
131	comp			↑		
132-3	hic 81455	16 38	-29 40	*89	4s	
134	comp			↑		
135-6	hic 80892	16 31	-30 00	*82	2s	
137	comp			↑		
138-9	h. 80586	16 27	-27 10	*82	2s	
140	comp			↑		
141-2	hic 79977	16 19	-21 21	*89	2s	
143	comp			↑		
144-5	hic 79910	16 13	-21 34	*89	2s	
146	comp			↑		
147-8	hic 79644	16 15	-22 06	*89	2s	
149	comp			↑		
150-1	hic 79693	16 15	-23 45	*82	2s	

Inch Telescope Log
 Observer: CALVIN
 PI: Calvin

Spectrograph: FAST
 Grating: 300L
 Date: 5/24/00

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Number	Object	R.A.	Dec.	Filter	Exp	Comments
152	comp			↑		
153-4	hic796060	16 14	-20 16	#89	2s	
155	comp			↑		
156-157	hic79369	16 12	-21 05	#89	2s	
158	comp			↑		
159-160	hic79288	16 11	-25 31	#89	4s	
161	comp			↑		
162-7	hic79258	16 10	-32 45	#89	5s	
164	comp			↑		
165-6	hic79097	16 08	-25 21	#89	4s	
167	comp			↑		
168-9	hic79083	16 08	-20 43	#89	4s	
172	comp			↑		
171-2	hic79054	16 08	-23 50	#89	7s	
173	comp			↑		
174-5	hic78977	16 07	-22 02	#89	4s	
176	comp			↑		
177-8	hic78663	16 03	-30 00	#89	6s	
179	comp			↑		
180-1	hic78233	15 58	-21 22	#89	7s	
182	comp			↑		
183-4	hic77813	15 53	-19 22	#89	11s	
185	comp			↑		
186-7	hic82397	16 50	-26 44	#89	3s	
188	comp			↑		
189-90	hic81624	16 40	-23 52	#89	5s	
191	comp			↑		
192-3	hic80799	16 20	-24 58	#89	3s	
194	comp			↑		
195-6	hic80474	16 25	-23 23	#89	3s	

Inch Telescope Log

Spectrograph: FAST

Observer: CALVIN

Grating: 70026

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PI: Galvet, Kenyon

Date: 5/24/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
197	comp			9		
198-9	hic 80425	16 25	-25 21	1589	3 s	
200	comp			9		
201-2	hic 80324	16 24	-33 12	1589	2 s	5
203	comp			9		
204-5	hic 80311	16 23	-26 16	1589	11 s	
206	comp			9		
207-8	HD 154791	17 06	23 58	12	1,10 s	PA = 90
209	comp			9		
210	Draco C1	17 20	57 49	12	10 m	
211	comp			9		
212, 213	V Her	18 14	20 59	12	20, 200	
214	comp			9		
215, 216	s149	18 18	27 26	12	10, 200	
217	comp			9		
218, 219	V443 Her	18 22	23 27	12	3, 60	
220	comp			9		
221, 222	CMAql	19 03	-3 02	12	20/100	
223	comp			9		
224, 225	s164	19 28	-6 03	12	45/100	
226	comp			9		
227, 228	s169	19 49	46 15	12	20/100	
229	comp			9		
230-232	CICyg	19 50	35 41	12	1/10/100	
233	comp			9		
234-236	PLU Vul	20 21	21 34	12	1/10/100	
237	comp			9		
238-240	V1016 Cyg	19 57	29 49	12	1/10/100	
241	comp			9		
242, 243	He 2m 467	20 35	20 11	12	20/100	

Inch Telescope Log

Spectrograph: FAST

Observer: CAV...

Grating: 300L

Page: 8569

PI: Kunze, Bill

Date: 5/24/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
244	comp			↑		
245-246	H ₂ m 468	20 41	34 49	12	24/100	
247	comp			↑		
248-250	V407 Cyg	21 02	45 47	12	1m/5s	
251	comp			↑		
252-254	AG Peg	21 51	12 37	12	1/10/30	
255	comp			↑		
256	N7331	22 37	34 24	57	3m	
257	comp			↑		
258	HD 192281	20 12	40 16	56	5s	
259	comp			↑		
260	HD 192281	20 12	40 16	56	5s	
261	comp			↑		
262-271	BIAS				0s	
272-281	FLAT				6s	
282-291	BIAS				0s	
292-301	FLAT				12s	
302-311	DARK				15m	

Inch Telescope Log
 Observer: CACKIN
 PI: A11, Brown, Kishner
 Spectrograph: FAST
 Grating: 700L
 Date: 5/25/00
 Page: 857D

Number	Object	H A	Dec.	L/H	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				0s	
31-40	BIAS				0s	
41-50	FLAT				12s	
51-55	sky			#57	2s	
56	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 07	#56	2m	
65	comp			↑		
66	N3377	10 47	13 59	#57	1m	
67	comp			↑		
68	N3377	10 47	13 59	#57	1m	
69	comp			↑		
70	Mck 421	11 04	38 24	#85	4m	
71	comp			↑		
72	sn1999qi	10 18	41 26	#2	20m	PA=83
73	comp			↑		
74	sn1999gg	12 33	15 10	#2	20m	PA=51
75	comp			↑		
76	cs3178	11 38	29 17	#114	12m	
77	comp			↑		
78	cs3192	11 46	29 35	#114	12m	
79	comp			↑		
80	cs3210	11 57	29 07	#114	12m	
81	comp			↑		
82	cs1077	12 21	28 57	#114	15m	PA=105 to isolate

76 ^{extracted} highest peak

Inch Telescope Log

Spectrograph: FAST

Page: 8571

Object: CALXSH

Grating: 3006

PI: Brown, Calvet

Date: 5/25/00

Number	Object	R.A.	Dec.	L/A	Lap	Comments
83	comp			↑		
84	CS 3264	12 28	28 50	114	12m	
85	comp			↑		
86	CS 3266	12 29	28 50	114	15m	
87	comp			P		
88	CS 3268	12 30	29 24	114	12m	
89	comp			↑		
90	CS 3272	12 30	29 03	114	12m	
91	comp			↑		
92	CS 3283	12 35	28 55	114	12m	
93	comp			P		
94	CS 3285	12 41	29 04	114	12m	late marginally de- but had to find velocity (?) red
95	comp			↑		
96, 97	hic 80258	16 22	-23 07	89	4s	PA=0
98	comp			↑		
99, 100	hic 80193	16 22	-24 21	89	16s	
101	comp			↑		
102, 103	hic 80130	16 21	-22 06	89	4s	
104	comp			↑		
105, 106	hic 80088	16 20	-22 36	89	8s	
107	comp			↑		
108, 9	hic 80059	16 20	-21 30	89	3s	
110	comp			↑		
111, 2	hic 80019	16 20	-20 02	89	2s	
113	comp			↑		
114, 5	hic 79987	16 19	-26 54	89	1m	
116	comp			↑		
117, 8	hic 79878	16 18	-28 04	89	2s	
119	comp			↑		
120, 121	hic 79860	16 18	-31 40	89	3s	

Inch Telescope Log
 Observer: CALVIN S
 PI: LOWEST RINGS

Spectrograph: FAST
 Grating: 300L
 Date: 5/25/00

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Number	Object	R.A.	Dec.	LTD	Exp	Comments
122	comp			↑		PA = 0
123, 4	hic 79735	16 12	-28 09	#89	8s	
125	comp			↑		
126, 7	hic 79476	16 13	-22 27	#89	10s	
128	comp			↑		
129, 30	hic 79366	16 11	-22 31	#89	3s	
131	comp			↑		
132, 3	hic 79250	16 10	-23 06	#89	2s	
134	comp			↑		
135, 6	hic 79156	16 09	-19 26	#89	3s	
137	comp			↑		
138, 139	hic 79124	16 09	-18 58	#89	2s	
140	comp			↑		
141, 142	hic 78996	16 07	-23 08	#89	3s	
143	comp			↑		
144, 145	hic 78847	16 05	-21 50	#89	2s	
146	comp			↑		
147, 8	hic 78494	16 01	-25 13	#89	2s	
149	comp			↑		
150	#2199-143	16 55	39 11	#64	8m	PA = 90
151	comp			↑		
152	#144	16 55	39 18	#64	6m	
153	comp			↑		
154	#145	16 55	39 18	#64	20m	↓ clouds coming in
155	comp			↑		
156	#146	16 55	39 40	#64	8m	
157	comp			↑		
158	#147	16 56	39 38	#64	12m	thru cirrus
159	comp			↑		
160	#148	16 56	38 37	#64	8m	

Inch Telescope Log
 Observer: CALVINUS
 PI: Rines
 Spectrograph: FAST
 Grating: 3000L
 Date: 5/25/00
 Page: 8573

Number	Object	H A	Dec.	S/N	Exp	Comments
1601	comp			↑		
1602	#149	16 56	39 16	↑	5m	
1603	comp			↑		
1604	#149	16 56	39 16	↑	5m	get again (clouds)
1605	comp			↑		
1606	#150	16 56	40 04	↑	10m	Three clouds row 85
1607	comp			↑		
168-177	BIAS				0s	
178-187	FLAT				6s	
188-197	BIAS				0s	
198-207	FLAT				13s	
208-217	DARK				15m	

Hi Susan!
P1 of 3

Inch Telescope Log
 Observer: PT Berlin
 PI: Shedg
 Spectrograph: FAST
 Grating: 600/300
 Date: 5/26/00
 Page: 8574

Number	Object	R.A.	Dec.	L/H	Exp	Comments
1-10	BIAS				0s	
11-25	FLAT				20s	
26-27	Faye 39	10:36	+43	SL	2m	600L grating 2" slit filter = S32 7x = saved bin by 4
28	COMP			↑		
29-31	HD072324			117	1m	
32	COMP			↑		
33-36	HD102224			117	1m	
37	COMP			↑		
38	COMP			↓		
39-41, 43	A1046 Sp0711	10:46	+07:10	117	20m	PA=81; mirror axis #
40, 42, 44	COMP			↑		+3
45	COMP			↓		
46, 48, 50, 52	A12300 p 42	12:50	+42:58	117	20m	PA=18 x4
47, 49, 51, 53	COMP			↑		
54	COMP			↓		
55, 57, 59	A1336 p 33	13:36	+33:23	117	20m	PA=100 x4
56, 58, 60	COMP			↑		
61	COMP			↓		
62, 64	A14489 p 33	14:48	+35:46	117	20m	PA=68 x2
63, 65	COMP			↑		
66-69	HD172801	11:20	+08	117	1m	
70	COMP			↑		
71-85	FLAT			117	20s	
86	test					300L 3" slit normal set-up ↓
87	SN124355	13:58	+28	2	20m	PA=72
88	COMP			↑		
89	a2299-151	16:46	+39	69	6m	
90	COMP			↑		

Inch Telescope Log
 Object: PTS
 Filter: Balby
 Spectrograph: FAST
 Grating: 3W
 Date: 5/26/00
 Page: 4575

Number	Object	H A	Dec.	L/R	Exp	Comments
91	2299-152	16:56	+39	S9	10m	* to E
92	WMP			F		
93/94	128	16:52	+40	S9	1m, 12m	#93 = sup * (all star)
95	WMP			F		#94 = going →
96	fd 2458	20 ↓	+38 ↓	115	3m	
97	WMP			F		
98	2457			115	4m	
99	2455			115	9m	
100	WMP			F		
101	2452			115	3m	
102	WMP			F		
103	2450			115	3m	
104	WMP			F		
105	2449			115	2m	
106	WMP			F		
107	2439			115	2m	
108	WMP			F		
109	2436			115	4m	
110	WMP			F		
111/2	2433			115	3m	
113	WMP			F		
114	2430			115	4m	
115	2428			115	4m	
116	WMP			F		
117	2420			115	5m	
118	2419			115	4.5m	
119	WMP			F		
120	PVCed	20:46	+67	S9	20m	
121	WMP			F		

Inch Telescope Log

Observer: PB

Spectrograph: FAB

Grating: 300

Page: 8576

PI: JPH

Date: 5/26/00

Number	Object	R.A.	Dec.	L.H.	L.P.	Comments
122	ZM192350	19:23	+55	68	6m	em
123	WMP			r		
124	ZM192605	19:26	+51	66	2m	
125	WMP			r		
126	ZM191331	19:13	+42	61	3m	
127	WMP			r		
128	ZM190952	19:09	+43	68	3m	
129	WMP			r		
130	N7331	22:31	+39	57	3m	
131	WMP			r		
132-134	HD192251	20:10	+40	56	5	
135	WMP			r		
136	Cyg 082209	20:33	+41	56	7m	clear @ dawn
137	WMP			r		~
138-140	TXD 26424	21:51	+28	56	3m	
141	WMP			r		
141-160	BARS				0	
161-170	FLAT				7	
171-180	BARS				0	
181-190	FLAT				14	
191-200	DARK					

pg 1 of 4

Inch Telescope Log
 Obj. error: PB or Ind
 PI: Sheila
 Spectrograph: PAST
 Grating: 600L/300R
 Date: 5/27/00
 Page: 8577

Number	Object	R.A.	Dec.	L/R	Exp	Comments
110	DARK				20s	
11-110	BPM5				0s	600L, 2" slit
11-70	FLAT				20s	tilt = 532.0 2c = 5000
71-60	FLAT long				30s	set @ 100 end; better in blue
81	test				-	
82-83	Farp 34	10:39	+43	56	2m	clear
84	WMP			9		
85-87	HD172324	08:30	+24	117	45s	
88	WMP			↑		
89-91	HD102724	11:43	+48	117	25s	
92	WMP			↑		
93	WMP			↓		
94-96	All 332p333c	11:33	+35	117	20m	PA=32
95-97	WMP			↑		
98	WMP			↓		
99-103	All 92p6237	11:59	+2:36	117	20m	PA=-08
104-106	WMP			↑		
107	WMP			↓		
106-112	All 244p5155	12:44	+51	117	20m	PA=80
107-113	WMP			↑		
114-116	HD 136512	15:18	+29	117	60s	
117	WMP			↑		
118-120	HD 17244	18:37	+08	117	1m	
121	WMP			↑		
122-126	FLAT			117	20s	
127	test					300L, 3" slit ↓
127-129	BDP 337c	15:50	+32	56	1m	normal setup
130	WMP			↑		

Inch Telescope Log
 Observer: PB
 PI: Falco Boley
 Spectrograph: FAST
 Grating: 300
 Date: 5/27/00
 Page: 8578

Number	Object	R.A.	Dec.	L/R	Exp	Comments
131	SN2002K	1358	+2835	Z	2m	PA=74
132	WMP			F		
133	13486p5815	1250	+78	84	15m	PA=90 LSB em.
134	WMP			F		good H α & p α 2028 + H β Det α em
135	N5874	1507	+54	84	6m	
136	WMP			F		
137	14596p5248	1501	+52	84	15m	LSB good em.
138	WMP			F		
139	N5832	1455	+71	84	6m	Poor seeing
140	WMP			F		
141	15350p8078	1530	+827	84	2m	
142	WMP			F		
143	16150p8126	16:11	+81	84	5m	
144	WMP			F		
145	172416	2009	+35	115	2m	
146	WMP	↓	↓	F		
147	2409			115	5m	
148	WMP			F		
149	2388			115	5m	
150	WMP			F		
151	2445			115	5m	
152	2383			115	3m	
153	WMP			F		
154	2381			115	5m	
155	2375			115	3m	
156	WMP			F		
157	2374			115	5m	
158	2372			115	2m	
159	WMP			F		

Inch Telescope Log.
 Object: PB
 Filter: Balby
 Spectrograph: FAST
 Grating: 300
 Date: 5/27/00
 Page: 8579

Number	Object	R.A.	Dec.	L/R	Exp	Comments
160	id 2365	2009	+35	115	5m	charts + catalog for this huge cluster all not in order screwy -
161	WMP	↓	↓	f		
162	2361			115	4m	
163	2360			115	4m	
164	WMP			f		
165	2369			115	4m	
166	2358			115	6m	
167	WMP			f		
168	2353			115	4m	
169	2352			115	4m	
170	WMP			f		
171	2351			115	5m	
172	2346			115	4m	
173	WMP			f		
174	2342			115	7m	
175	2338			115	4m	
176	WMP			f		
177	2377			115	3m	82
178	2372			115	4m	83
179	WMP			f		
180	2325			115	30s	189
181	186			115	120s	185
182	WMP			f		
183	2309			115	2m	186
184	2310			115	4m	187
185	WMP			f		
186	2301			115	2m	
187	230			115	20s	
188	WMP			f		

Inch Telescope Log: Observer: PS
 Spectrograph: FAST
 Grating: 302
 Date: 5/27/60
 PI: JPH
 Page: 8580

Number	Object	R.A.	Dec.	L/R	Exp	Comments
189	ZM194330	19.43	+50	66	3m	
190	WAP			f		
191	ZM194335	19.43	+47	66	2m	
192	WAP			f		
193	NT331	27.79	+39	57	2m	
194	WAP			f		
195-196	BD 28724	21.48	+30	56	30s	
197	WAP			f		
198-200	HD 97221	20.10	+40	56	5s	Clear & down
201	WAP			f		
202-211	TSAS				0s	
212-221	FLAT				7s	
222-229	TSAS				0s	
230-241	FLAT				14s	

5581 (12)

Inch Telescope Log
 Observer: Garnavich
 PI: Jha

Spectrograph: FAST
 Grating: 300
 Date: May 28, 2000

Page: 1
 Clear Seeing: ~3"

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0	Bin by 2
11-21	FLAT				12	Bin by 2
22-25	Sky				3-6s	Bin by 2 NO COMP
26-28	XTE 118+480			60	180, 240	PA = -40°
29	Comp ↑				12s	
30	HZ44				120s	PA = 0°
31	Comp					
32, 33	SN00ck				1200s	PA = 90
34	Comp					
35-37	SN 1996 bk				900s	PA = 60 Scan 20s ± 10"
38	Comp					
39-41	SN 97cn				1200s	PA = 10° Scan 20s ± 10" out of focus at end
42	Comp					
43	SN 00bg				1200s	PA = 110 Nothing
44	Comp					
45-47	XTE 1859				1200s	Narrow Balmer emission? PA = 90
48	Comp					
49-53	cl Aql				10s	PA = 0°
54	Comp					
55	SN 98d:				900s	Just Galaxy
56	Comp					
57, 58	SN 98d _x				1200s	Scan 10" PA = -30° Sky setting bucket
59	Comp					
60-62	HD 192281					PA = -30°
63	Comp					
64-73	Bias					Bin by 2
74-83	Flat				12s	Bin by 2
84-88	Dark				1200s	Bin by 2

Inch Telescope Log
 Observer: Garwinich
 PI: Tha

Spectrograph: FAST
 Grating: 300
 Date: May 29, 2000

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 (be)

Number	Object	H A	Dec.	L/H	Exp	Comments
1-10	Bias					Bu by 2
11-20	Flat					3" slit bu by 2
21-23	Sky					NO COMP FOR SKY
25	XTE 118				300s	PA = -40°
26	Comp				12s	
27-28	XTE 118				300s	PA = -40°
29-30	(SBS 1153)				600s	PA = -40°
31	Comp					
32-34	1997bp				900s	Scan 20s PA = 30°
35	Comp					
36-38	SN 00 ch				900s	PA = 90°
39	Comp					
40-42	1994Q				1200s	PA = 70° Scan 10"
43	Comp					
44-46	1999da				900s	PA = 70° Scan 20"
47	Comp					
48-49	KL Dra				1200s	PA = -40 Outburst
50	Comp					
51-53	N Cyg 92 Neb				900s	PA = 100°
54	Comp					
55-57	N Cyg				900s	PA = 100°
58	Comp					
59	Cep E				600s	PA = 90° Sky bright
60	Comp					
61-63	HD 192281				10s 5s	PA = -20°
64	Comp					
65-74	Bias				0	
75-84	Flat				12	

Inch Telescope log
 Observer: Garnovich
 PI: Tls
 Spectrograph: FAST
 Grating: 300
 Date: May 30, 2000
 Page: 8583
be

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	Bias				0	B. by 2
11-20	Flat				12s	
21-24	Sky					
25	Comp					
26-27	Feige 56				60s	PA = 0°
28	Comp					
29-31	XTE 1118				300s	PA = -20° Seeing ~ 1"
32	Comp					
33-34	XTE 1118				300s	
35-37	1994M				1200s	Scan 20" PA = -20°
38	Comp					
39-41	1981B				600s	Scan 120° PA = 30°
42	Comp					
43-44	SN 00 ch				900s	PA = 90°
45	Comp					
46-48	1996ab				1200	No Scan PA = -30°
49	Comp					
50-51	XTE 1959				1200	PA = 90° Clouds?
52	Comp					
53	SN 99el				900s	PA = 0° Clouds, Seeing ~ 2"
54-55	SN 00 e				1200s	PA = 0° Clear 1" seeing
56	Comp					
57-115	SI 93				40s	1.1" slit
116	HD 192281					1.1" slit
117	Comp				20s	1.1" slit
118-119	HD 192281				5s	3" slit
120	Comp					3" slit
121-130	Bias				0	
131-140	Flat 3"				12	3" slit
141-150	Flat 1.1"				30s	1.1" slit

Inch Telescope Log

Spectrograph: EAST

Obj cover: CALCUM

Grating: 200L

Page: 8584

PI: Ally, Madsen, Feibo

Date: 5/31/00

Number	Object	RA	Dec.	L/H	Exp	Comments
1-4	DARK				15m	
5-14	BEAS				0s	
15-24	FLAT				6s	
25-34	BEAS				0s	
35-44	FLAT				12s	
45-56	Feige 34	10 39	43 06	F56	90s	
47	comp			↑		
48, 49	Feige 39	10 39	43 06	F56	90s	
50	comp			↑		
51, 52	Feige 39	10 39	43 06	F56	90s	PA=99
53	comp			↑		clouds
54	m9078.059	10 14	39 16	F59	20m	Looking for holes YUR
55	comp			↑		wait out clouds
56	14481 m013	11 50	-1 42	F84	20m	In + out of cloud
57	comp			↑		
58, 59	m7000.06	13 58	28 29	F52	15m	PA=75
60	comp			↑		
61	14496 m001	14 52	-00 15	F84	4m	
62	comp			↑		
63	14506 p022	14 52	3 19	F84	2.5m	
64	comp			↑		
65	14514 p2019	14 52	20 06	F84	5m	
66	comp			↑		
67	14517 p1017	14 52	10 04	F84	17m	
68	comp			↑		
69	14529 p1645	14 52	16 31	F84	5m	
70	comp			↑		
71	14526 p1227	14 52	11 52	F84	7m	
72	comp			↑		
73	14540 m013	14 56	-2 06	F84	4m	

Inch Telescope Log

Spectrograph: FAST

Observer: CAULSUS

Grating: 300L

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PI: FALCO, CAUVET

Date: 5/31/00

Number	Object	R.A.	Dec.	L/R	Exp	Comments
74	comp			↑		
75	14544 ₁₄₅₂₂	14 56	-2 06	↑84	2m	
76	comp			↑		
77	14549 ₁₄₂₉	14 57	14 17	↑84	6m	
78	comp			↑		
79	15021 ₁₇₂₃	15 04	17 41	↑84	5m	
80	comp			↑		
81, 82	hic 78971	16 07	-22 03	↑89	4s	PA=0
83	comp			↑		
84, 85	hic 78996	16 07	-23 57	↑89	4s	
86	comp			↑		
87, 88	hic 79021	16 07	-24 27	↑89	2s	
89	comp			↑		
90, 91	hic 79054	16 08	-23 49	↑89	5s	
92	comp			↑		
93, 94	hic 79055	16 08	-20 46	↑89	3s	
95	comp			↑		
96, 97	hic 79097	16 08	-25 24	↑89	3s	
98	comp			↑		
99, 100	hic 79098	16 08	-23 41	↑89	1s	
101	comp			↑		
102, 2	hic 79124	16 09	-18 59	↑89	4s	
103	comp			↑		
104, 6	hic 79156	16 09	-19 28	↑89	6s	
107	comp			↑		
108, 9	hic 79250	16 10	-23 07	↑89	3s	
110	comp			↑		
111, 12	hic 79288	16 10	-23 07	↑89	3s	
113	comp			↑		
114, 115	hic 79326	16 10	-25 31	↑89	4s	

Inch Telescope Log

Observer: CALVER
 PI: CALVER, Hutchra

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
116	comp			↑		PA=0
117, 118	hic79369	16 11	-21 04	#89	4s	↓
119	comp			↑		
120, 121	hic79374	16 11	-19 25	#89	0.2s	
122	comp			↑		
123, 124	hic79404	16 12	-27 55	#89	3c	
125	comp			↑		
126, 127	hic79410	16 12	-19 33	#89	2s	
128	comp			↑		
129, 130	hic79439	16 12	-19 28	#89	2s	
131	comp			↑		
132	ZM182010	18 20	+15 43	#68	5m	PA=105 to isolate
133	comp			↑		
134	ZM183145	18 31	32 05	#68	3m	
135	comp			↑		
136	ZM183445	18 34	19 15	#68	2m	
137	comp			↑		
138	ZM184555	18 45	21 38	#68	6m	
139	comp			↑		
140	ZM185539	18 55	41 40	#68	6m	
141	comp			↑		
142	ZM185809	18 58	46 15	#68	4m	
143	comp			↑		
144	ZM185824	18 58	44 29	#68	4m	
145	comp			↑		
146	ZM190030	19 00	27 59	#68	3m	
147	comp			↑		
148	ZM190439	19 04	49 58	#68	5m	
149	comp			↑		
150	ZM191508	19 15	42 01	#68	3m	

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Inch Telescope Log
 Object: CAEWEIS
 PI: Huchra, Dabig
 Spectrograph: FAST
 Grating: XXL
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Number	Object	H A	Dec.	LHA	Lap	Comments
151	comp			↑		
152	2M191615	19 16	46 44	15 28	3m	
153	comp			↑		
154	2M191749	19 17	49 01	15 28	3m	row 79
155	comp			↑		
156	2M191809	19 18	59 56	15 28	4m	
157	comp			↑		
158	2M193349	19 33	47 10	15 28	6m	
159	comp			↑		
160	id2293	20 04	35 42	15 15	3m	
161	comp			↑		
162	id2292	20 04	25 42	15 15	4m	
163	comp			↑		
164	id2291	20 04	35 51	15 15	5m	row 80
165	comp			↑		
166	id2290	20 04	35 49	15 15	4m	
167	comp			↑		
168	id2289	20 04	35 35	15 15	5m	
169	comp			↑		
170	id2285	20 05	35 37	15 15	3m	
171	comp			↑		
172	id187	20 05	35 56	15 15	3m	
173	comp			↑		
174	id2272	20 05	25 58	15 15	4m	
175	comp			↑		
176	id176	20 05	35 40	15 15	3m	
177	comp			↑		
178	id181	20 05	35 49	15 15	2.5m	
179	comp			↑		
180	id173	20 05	35 36	15 15	2m	

Inch Telescope Log

Observer: CALYSH
 PI: BALOG, ALI

Spectrograph: FAST
 Grating: 300L
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
181	comp			↑		
182	12252	22 05	35 42	M15	5m	
183	comp			↑		
184	M7331	22 37	34 24	M57	2m	clouds at
185	comp			↑		sunrise
186	BDP 40402	22 08	41 15	M56	2m	
187	comp			↑		
188-192	sky			M57	2s	
193	comp			↑		
204-208	BIAS				0s	
201-213	FLAT				0s	
214-223	BIAS				0s	
224-233	FLAT				12s	
234-243	DARK				15m	