

Attn: Susan Tokarz!
1 of 3

60 inch Telescope Log Observer: <u>Calkins</u> PI: <u>Kiebrer</u>	Spectrograph: <u>FAST</u> Grating: <u>300 L / 2" slit</u> Date: <u>4/29/98</u>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARKS				15m	binby 4
11-20	Bias				0s	
21-30	Flat				0s	
31-40	Bias				0s	binby 2
41-50	Flat				12s	
51-55	sky	zenith		57	2s	binby 4
56	comp			↑		
57	Feige 34	10 39	45 05	56	90s	good seeing
58	comp			↑		
59	M3377	10 47	13 59	57	60s	
60	comp			↑		
61	MRK 421	11 04	38 12	#6	9m	lots of clouds
62	comp			↑		(shut down for 2.5 hrs)
63	sn1998ag	11 56	55 07	#2	10m	clouds moving south
64	comp			↑		binby 2
65	sn1998ab	12 48	41 55	#2	15m	
66	comp			↑		
67	sn1998bn	12 29	-23 09	#2	10m	clouds almost gone
68	comp			↑		
69	HZ 44	13 23	36 07	56	2m	
70	HZ 44	13 23	36 07	56	2m	
71	comp			↑		
72	12168m00705/W	12 19	-00 38	#5	20m	binby 4
73	comp			↑		
74	12325p0542	12 35	05 26	#5	20m	gave it a 9; don't like it though (weird H _α ?)
75	comp			↑		
76	12455p0458	12 48	04 41	#5	20m	
77	comp			↑		
78	ngc5317.149	14 49	13 11	#59	5m	
79	comp			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>6217</u>		
Observer: <u>Calkins</u>		Grating: <u>300L</u>		Date: <u>4/29/98</u>		
PI: <u>Huchra/Koranyi</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
80	nrqs 317.145	14 49	13 49	#59	10m	
81	comp			↑		
82	nrqs 317.146	14 49	13 46	#59	5m	another object on slit
83	comp			↑		
84	nrqs 317.147	14 49	13 34	#59	10m	
85	comp			↑		
86	nrqs 317.148	14 50	12 50	#59	4m	
87	comp			↑		
88	nrqs 317.149	14 50	13 50	#59	10m	
89	comp			↑		
90	MRK 279	13 53	69 18	#6	3m	
91	comp			↑		
92	N5548	14 17	25 08	#6	3m	
93	comp			↑		
94	awn 4.52	16 05	23 58	#35	20m	
95	comp			↑		
96	awn 4.53	16 05	23 42	#35	20m	another obj on slit (extremely low column) Ha?
97	comp			↑		
98	A1559 p1603	16 02	15 54	#68	4m	# to west another object on slit
99	comp			↑		
100	A1603 p1839	16 05	18 32	#68	15m	
101	comp			↑		
102	A1559 p1608	16 02	16 00	#68	4m	
103	comp			↑		
104	nrqs 32642	15 51	32 57	#56	1m	
105	comp			↑		
106	A1604 p1641A	16 06	16 33	#68	10m	
107	comp			↑		
108	A1559 p1606	16 02	15 58	#68	10m	
109	comp			↑		

