

Hello Susan!

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>CALVIN</u>				Grating: <u>300L</u>		
PI: <u>Kirshner, Geller</u>				Date: <u>11/19/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	FLAT				20s	1.1" slit
41-50	BIAS				0s	
51-60	FLAT				13s	
						clouds + overcast at sunset
						10:40 - hole?
61	sn1998es	01 37	05 52	π 2	15m	tilt = 590.0 $\delta = 37^\circ$
62	comp			↑		in/out of clouds
63	Feige 25	02 38	05 27	π 56	2m	590.0 , $\delta = 49^\circ$
64	comp			↑		great seeing
65	050202p0518	05 02	05 13	π 64	15m	
66	comp			↑		
67	050211p0342	05 02	03 42	π 64	15m	
68	comp			↑		
69	050211p0747	05 02	07 49	π 64	20m	(very weak)
70	comp			↑		
71	050212p0516	5 02	5 16	π 64	15m	
72	comp			↑		
73	050215p0742	05 02	07 42	π 64	20m	clouds
74	comp			↑		
75	050227p0357	05 02	03 57	π 64	20m	
76	comp			↑		
77	050235p0712	05 02	07 13	π 64	20m	bright star to the west
78	comp			↑		
79	050239p0710	05 02	07 11	π 64	20m	thru clouds, object to the east
80	comp			↑		(clouds completely obscured object before thru exposure - will redo)

60 inch Telescope Log

Spectrograph: FAST

Observer: CAKINS

Grating: 300L

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PI: Gel'ev

Date: 11/19/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
						Decide to wait out clouds
						NGam - clouds win!
81-90	BIAS				0s	
91-100	FLAT				6s	
101-110	BIAS				0s	RETRY 2
111-120	FLAT				12s	
121-130	DARK				15m	