Goodman Spectrograph

Date (civil): 01/26/2019
Night # 2 of 3 Page # 1
Observer (s): M. Bottner, A. García, T. Li, P. Tucker
Assistant: Patricio Ugarte, Carlos Corco, Sean Points (Inst. Scientist)

Detector: Blue camera
Gain Setting: 200 KHz ATTN2 ~~ATTN0~~
X sum ____ Y sum ____
Amplifiers ____

Filter	Offset	Filter	Offset	Filter	Offset
1f1		4f1		2f2	
2f1		5f1		3f2	
3f1		1f2		4f2	
				5f2	

Picture Number	Object Name / type		Airmass / Epoch	Begin U.T / Begin H.A.	Exposure	Tel focus/ Instr Focus / Spect/Direct	Seeing / Sky cond.	FILTER / Slit	Grating / Center	Comments
	R. A.	DEC.								
1-30	focus			1829				0.45"	400 WD	Sean did the focus for us best Focus = +1750
31-80	Dome Flat (100% intensity)			1938	50 x 7sec			1.0"	400 WD	Sean Points recommends domeflats over quartz flats
81-85	Comp HgAr+Ne			1959	5x 0.3sec			1.0"	400 WD	(quartz flats have systematic noise in the red)
86-135	bias				50 x 0sec			1.0"	400 WD	
~~136~~	No MORE OBS		due to		telescope problem!					

dammar producciones