

Goodman Spectrograph

Date (UT): 21 FEBRUARY 2016
 Night # 1/1 Page # 1/5
 Observer (s) M. Bauer, T. Li, M. Wein
P. Tucker
 Assistant Carlos Corco, Rodrigo Hernandez
San Pointe

Detector: BWE CAMERA
 Gain Setting: 700kHz/ADU =ADU
 X sum 2 Y sum 2
 Amplifiers _____

Filter	Offset	Filter	Offset
2f2			
3f2			
4f2			
5f2			



Picture Number	Object Name / type		Airmass	Begin U.T	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R.A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
1-34	focus			19:02				0.5"	400WD	best focus = 1350@T=153K (done by San Pointe)
35-84	flat			19:53	7s exp. x50			1" slit	400WD	dome lamp on 100%
85-89	Comp HgAr + Ne			20:12	0.35 x5					
90	bias			20:16	x50					
141-143	Hiltner 600		1.23	00:26	30s					Hazy standard A1
144-148	Comp			00:33						
149-151	SSSJ 040935.2-494220 obj 196		1.15	00:41	120s					
152-156	comp			00:51						
159-161	SSSJ 043058.9-545614 obj 216		1.17	00:56						157 and 158 are not good. Acquisition errors.
162-166	comp			01:07						
167	Galax J044153.84-431833.6 obj 1295		1.12	01:15	240s					Not a DA
168	Galax J044832.06-234327.1 obj 1305		1.13	01:26						Seeing 1.04 (not the correct object) damar productions

Goodman Spectrograph

 Date (UT): 21 February 2019

 Night # 1/1 Page # 2/5

 Observer (s) M. Butler, P. Tucker,
M. Wiesner

Assistant _____

 Detector : _____
 Gain Setting: _____ =ADU
 X sum _____ Y sum _____
 Amplifiers _____

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



Picture Number	Object Name / type		Airmass	Begin U.T.	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R.A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
169 -171	Galax J044832.06-234337.8		1.19	01:47	270 s					
	obj 1305									
172 176	comp			02:05						
177 -179	SSS 052556.7-331735		1.13	02:10	160 s					DA WD
	obj 239									
180 184	comp			02:22						
185 -187	WDS 052844.01-430449.2		1.17	02:27	70 s x 3					DA WD
	obj 1459									
188 192	comp			02:33	0.3 s					
193 -197	WDS 053446.5-524150.29		1.23	02:39	170 s x 5					Not a DA 194 has arm in. do not use!
	obj 1460									
198 -	comp		1.27	03:00	0.3 s					↳ 195 has mark at - do not use!
203 -205	WDS 054249.69-190107.34		1.32	03:11	40 s x 3					
	obj 1461									
206 210	comp			03:20	.3 s x 5					
211 213	SSS 055820.4-355653		1.26	03:31	155 s x 3					
	obj 254									
214 219	comp			03:42	.3 s x 5					

Goodman Spectrograph

Date (UT): 21 February 2009

Night # 1/1 Page # 3/5

Observer (s) M. Bulner, D. Tucker
M. Wiesner

Assistant _____

Detector : _____

Gain Setting: _____ =ADU

X sum _____ Y sum _____

Amplifiers _____

Filter Offset

2f2

3f2

4f2

5f2

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



Picture Number	Object Name / type		Airmass	Begin U.T	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R.A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
219- 221	Galex J060607.38-473415.6 obj 1397		1.30	0348	170 x 3					
222 -226	comp			0359	.3 x 5					
227 -229	GALEX J060947.09-464147.2 obj 1401		1.34	0403	110 x					
230 -234	comp				.3 x5					
235- 237	GALEX J060958.70-425235.5 obj 1402		1.40	0419	155 x3					
238- 242	comp			0430	.3 x 5					
243 -245	GALEX J061135.97-402700.8 obj 1403		1.47	0435	140s x 3					
246- 250	comp			0445	.3 x5					
251- 253	WDS 094052.75-422225.46 obj 1526		1.03	0453	190 x 3					
254- 258	comp			0505	.3 x 5					
259- 263	WDS 094240.23-463717.68 obj 1527		1.06	0512	45s x 3					
	comp			0517	.3 x 5					

Goodman Spectrograph

Date (UT): 21 Feb. 2019
 Night # Y1 Page # 4/5
 Observer (s) M. Bulmer, P. Tucker
M. Wiesner
 Assistant _____

Detector : _____
 Gain Setting: _____ =ADU
 X sum _____ Y sum _____
 Amplifiers _____

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



Picture Number	Object Name / type		Airmass	Begin U.T	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R.A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
267- 269	WDS 101341.21-523400.86 obj. 1529		1.09	0531	110 x 3					
270- 274	Comp			0540	5 x 0.35					
275	GWC-6004 obj 6004		1.03	0552	1 x 100s					
276- 278	WDS 103035.14-142400.53 obj 1532		1.08	0616	3 x 100s					
279- 283	Comp			0625	5 x 0.35					
284- 286	GALEX J104401.51-210523.2 obj 1413		1.06	0637	3 x 170s					
287- 291	Comp			0649	3 x 0.35					
292- 294	Galax J105746.57-231824.7 obj 1415		1.07	06:59	245s x 3					
295- 299	Comp			07:15	3 x 0.35					
300- 302	Galax J111442.94-221838.3 obj 1420		1.12	07:44	3 x 140s					
303- 307	Comp			07:53	3 x 0.35					
308- 310	Galax J111845.25-182451.2 obj 1421		1.16	07:58	3 x 120s					

Goodman Spectrograph

Date (UT): 21 Feb 2019
 Night # 1/1 Page # 5/5
 Observer (s) M. Bunner, D. Tucker,
M. Wiesner
 Assistant _____

Detector : _____
 Gain Setting: _____ =ADU
 X sum _____ Y sum _____
 Amplifiers _____

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



Picture Number	Object Name / type		Airmass	Begin U.T	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R. A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
311-315	comp			08:10	3x0.35					
316-318	Galax J112136.04-244007.8 obj 1422		1.17	08:15	3x 110s					
319-323	comp			08:25	3x0.35					
324-326	Galax J112728.83-221341.3 obj 1423		1.21	08:32	3x620s					
327-331	comp			09:06						
332-334	LTT 6248		1.03	09:14	3x60s					
335-339	comp			09:19	3x0.35					