

# OBSERVING LOG

**TELESCOPE** : DuPont  
**INSTRUMENT** : WFCCD  
**CONFIGURATION** : TYPHOON  
**OBSERVER** : JR  
**NIGHT ASSISTANT**: Herman

**DATE** : August 10/11 2018  
**NIGHT**: 3 of 9  
**PAGE** : 1 of  
**WEATHER**:clear & calm

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
3001-3003	dflat	18:57	3x4s	B	dflat	open	-	Lamp @ 480V, ~18k
3004-3006	"	19:02	3x4	V	"	"	-	Lamp @ 390V, ~16k
3007-3009	"	19:07	3x3	R	"	"	-	Lamp @ 350V, ~22k
3010-3012	"	19:12	3x80	grism	"	150um	-	Lamp @ 480V, ~34k peak
3013-3015	"	19:21	3x20	"	"	750um	-	Lamp @ 480V, ~32k peak
3016-3018	Hartmann	19:26	3x50	grism	"	Hart,	-	Lamp @ 480V, ~40k peak
3019	"	19:34	4	V	"	"	-	Lamp @ 350V,
3020-3022	HeNeAr arc	19:36	30/60/90	grism	"	150um	-	HeNeAr
3023-3030	bias	19:44	8x0	-	-	-	-	Bias
3031	Slit image	22:38	1	V	zenith	150um	-	y2000:, 1408.8, 2656.2
3032	"	22:40	"	"	-	750um	-	y2000: 1419.6, 2645.4
3033	EG 274	22:56	2	V	1.036	open	1"	Much better focus tonight!, 2.5"E, 5.4"N
3034	"	22:59	"	"	1.033	750um		1"W
3035	"	23:02	1	"	1.032	"		
3036	EG 274	23:03	180	grism	1.031	"		standard
3037	HeNeAr arc	23:08	30	"	1.028	150um		Arc for std.
3038	NGC 5247	23:12	20	V	1.170	open	1.1"	Match to 2052, 5.8"N, 1.5"W
3039	"	23:16	"	"	1.178	"	1.1"	1"S, 0.8"W
3040	"	23:19	"	"	1.186	"	1"	excellent seeing
3041	NGC 5247	23:21	600	grism	1.194	150um		407.3
3042	"	23:33	"	"	1.233	"		417.6
3043	"	23:44	"	"	1.270	"		427.9
3044	"	23:56	"	"	1.315	"		438.2
3045	"	00:07	"	"	1.374			448.5
3046	"	00:19	"	"	1.430			458.8

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3047	"	00:30	600	grism	1.498	150um		469.1
3048	"	00:42	"	"	1.57	"		479.4
3049	NGC 5247	00:54	20	V	1.66	open	1.4"	489.7
3050	ASASSN-18pg	0:59	20	V	1.216	open	1.2"	@1396, 2010 7"E, 5.4"N
3051	"	01:03	"	"	1.219	"	1.2"	1.2"W
3052	"	01:06	"	"	1.222	"		
3053	"	01:08	"	"	1.224	150um		OK!
3054-3055	ASASSN-18pg	01:10	2x600	grism	1.227	150um		
3056	AT2018cow	01:37	60	B	1.901	open		@1289, 1915?, bump exp
3057-3058	"	01:41	2x120	B	1.925	"	~1.4"	
3059-3060	"	01:48	"	V	1.970	"	1.4"	
3061-3062	"	01:55	"	R	2.025	"		
3063	SN2018bsz	02:05	20	V	1.179	open	1.2"	@1392, 1921, 8.3"E, 38"S
3064	"	02:08	10	V	1.190	"	1.2"	
3065	"	02:11	"	"	1.196	150um		
3066-3068	SN2018bsz	02:13	3x600	grism	1.204	150um		
3069	NGC 7213	02:51	20	V	1.241	open	1.3"	Match to ccd2072, 8.2"N, 4.2"W
3070	"	02:55	"	"	1.231	"	1.2"	WRONG WAY go back dang 17"S, 8"E
3071	"	02:57	"	"	1.225	"	1.3"	1"W
3072	"	03:00	"	"	1.218	"	1.2"	
3073	NGC 7213	03:03	600	grism	1.211	150um		395.2
3074	"	03:14	"	"	1.190	"		405.5
3075	"	03:26	"	"	1.164	"		415.8
3076	"	03:37	"	"	1.143	"		426.1
3077	"	03:49	"	"	1.126	"		436.4

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3078	NGC 7213	04:00	600	grism	1.110	150um		446.7
3079	"	04:12	"	"	1.095	"		457.0
3080	"	04:23	"	"	1.085	"		467.3
3081	"	04:35	"	"	1.074	"		477.6
3082	"	04:46	"	"	1.066	"		487.9
3083	NGC 7213	04:59	20	open	1.060	V	1.3"	498.2
3084	NGC 253	05:03	20	open	1.345	V	1.3"	cass=215 NOPE WRONG ANGLE
3085	"	05:08	"	"	1.325	"	1.5"	cass=145, 4069 2013_10_28_29
3086	"	05:12	"	"	1.307	"	1.3"	208"E, 144"S
3087	"	05:17	"	"	1.290	"	1.4"	1.1"E, 0.4"N (slight rotation again)
3088	"	05:24	"	"	1.261	"		Added 9.5"W, 6.7"N for slit diff
3089	"	05:27	"	"	1.248	"		
3090	"	05:29	"	"	1.239	"		Start here, slightly to right of orig slit pos
3091	NGC 253	05:33	600	grism	1.231	150um		381.2
3092	"	05:44	"	"	1.200	"		391.5
3093	"	05:55	"	"	1.165	"		401.8
3094	"	06:07	"	"	1.137	"		412.1
3095	"	06:18	"	"	1.110	"		422.4
3096	"	06:30	"	"	1.088	"		432.7
3097	"	06:41	"	"	1.070	"		443.0
3098	"	06:53	"	"	1.054	"		453.3
3099	"	07:05	"	"	1.039	"		463.6
3100	"	07:16	"	"	1.027	"		473.9
3101	"	07:28	"	"	1.018	"		484.2
3102	"	07:39	"	"	1.011	"		494.5

