

# OBSERVING LOG

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

**DATE** : August 15/16 2018  
**NIGHT**: 8 of 9  
**PAGE** : 1 of 4  
**WEATHER**:clear

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
8001-8003	dflat	19:24	3x4s	B	dflat	open	-	Lamp @ 480V, ~18k
8004-8006	"	19:29	3x4	V	"	"	-	Lamp @ 390V, <16k
8007-8009	"	19:34	3x3	R	"	"	-	Lamp @ 350V, ~22k
8010-8012	"	19:39	3x80	grism	"	150um	-	Lamp @ 480V, ~34k peak
8013-8015	"	19:47	3x20	"	"	750um	-	Lamp @ 480V, ~32k peak
8016-8018	Hartmann	19:53	3x50	grism	"	Hart,	-	Lamp @ 480V, ~40k peak
8019	"	20:02	4	V	"	"	-	Lamp @ 350V,
8020-8022	HeNeAr arc	20:07	30/60/90	grism	"	150um	-	HeNeAr
8023-8030	bias	20:16	8x0	-	-	-	-	Bias
8031-8033	Dark	20:27	3x600	-	-	-	-	Darks
8034	Slit image	22:42	1	V	zenith	150um	-	Y2000: 1409.0, 2656.0
8035	"	22:45	"	"	"	750um	-	Y2000: 1419.9, 2645.1
8036	cd -32 9927	23:00	1	V	1.076	open	1.2"	@1384, 1955, 17.4"E, 22"S
8037	"	23:05	"	"	1.087	"	1.2"	0.8"W
8038	"	23:07	"	"	1.090	750um		
8039	"	23:08	180	grism	1.092	"		Standard
8040	HeNeAr arc	23:13	30	grism	1.101	150um		Arc for standard
8041	ASASSN-18rp	23:18	20	V	1.197	open	1.2"	@1358, 1947, 24.7"E, 26"S
8042	"	23:21	"	"	1.206	"	1.1"	
8043	"	23:23	"	"	1.214	"		
<b>8044</b>	<b>ASASSN-18rp</b>	<b>23:25</b>	<b>234</b>	<b>grism</b>	<b>1.218</b>	<b>150um</b>		<b>STOPPED DUE TO TELESCOPE PROBLEM</b>
8045	ASASSN-18rp	23:32	20	V	1.242	150um		check SN in slit still, moved, try 1.2"E
8046	"	23:34	"	"	1.251	"		0.6"E more
8047	"	23:37	"	"	1.259	"		
8048-8050	ASASSN-18rp	23:39	3x900	grism	1.267	"		

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**WEATHER**:clear and calm

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8051	2018env	00:32	30	V	1.237	open	1.4"	@1747, 1929, 164"W, 34"S
8052	"	00:40	20	"	1.245	"	1.3"	@1410, 1995, try slit
8053	"	00:39	"	"	1.246	150um		0.6"W
8054	"	00:42	"	"	1.247	"		
8055-8057	2018env	00:44	3x1200	grism	1.249	"		
8058	AT2018buo	01:50	20	V	1.055	open	1.2"	@1514.5, 1954, 51"W, 23"S
8059	"	01:54	"	"	1.055	"	1.1"	1.2"W
8060	"	01:56	"	"	1.055	150um		
8061-8063	AT2018buo	01:58	3x1200	grism	1.056	150um		
8064	ASASSN-18rf	03:04	20	V	1.174	open	1.2"	@1687,1921, 134.6"W, 39"S
8065	"	03:08	"	"	1.175	"	1.1"	
8066	"	03:10	"	"	1.175	150um		
8067-8069	ASASSN-18rf	03:12	3x600	grism	1.177	150um		
8070	NGC 7793	03:49	20	V	1.333	open	1.6"	Match to 7087, 11.2"E, 12.4"S
8071	"	03:54	"	"	1.315	"	1.4"	1.9"W, 2.1"N
8072	"	03:57	"	"	1.305	"	<1.4"	
8073	NGC 7793	03:59	600	grism	1.294	150um		862.3
8074	"	04:11	"	"	1.253	"		852.0
8075	"	04:23	"	"	1.216	"		841.7
8076	"	04:34	"	"	1.185	"		831.4
8077	"	04:46	"	"	1.154	"		821.1
8078	"	04:57	"	"	1.125	"		810.8
8079	"	05:09	"	"	1.103	"		800.5
8080	"	05:20	"	"	1.082	"		790.2
8081	"	05:32	"	"	1.066	"		779.9

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8082	NGC 7793	05:43	600	grism	1.048	150um		769.6
8083	"	05:55	"	"	1.036	"		759.3
8084	"	06:06	"	"	1.025	"		749.0
8085	"	06:18	"	"	1.017	"		738.7
8086	"	06:29	"	"	1.010	"		728.4
8087	NGC 7793	06:42	20	V	1.005	open	1.3"	718.1, OK shift for imaging, 570E, 60"N
8088	NGC 7793	06:47	5	V	1.004	open	1.2"	Wrong angle, 570"S, 60"W
8089	"	07:01	"	"	1.002	"	1.3"	130"E
8090-8091	NGC 7793	07:04	2x60	V	1.002	"	1.3"	
8092-8093	"	07:08	"	B	1.002	"	1.3"	
8094-8095	"	07:14	"	R	1.002	"	1.1	
8096	NGC 253	07:21	20	V	1.010	open	1.4"	cass=145 Match to 7101, 1.8"E, 0.4"S
8097	"	07:23	"	"	1.009	"	1.4"	perfect
8098	NGC 253	07:26	600	grism	1.008	150um		509.1
8099	"	07:37	"	"	1.005	"		519.4
8100	"	07:49	"	"	1.003	"		529.7
8101	"	08:00	"	"	1.003	"		540.0
8102	"	08:11	"	"	1.005	"		550.3
8103	"	08:23	"	"	1.010	"		560.6
8104	"	08:35	"	"	1.016	"		570.9
8105	"	08:47	"	"	1.024	"		581.2
8106	"	08:58	"	"	1.035	"		591.5
8107	"	09:10	"	"	1.050	"		601.8
8108	"	09:21	"	"	1.065	"		612.1
8109	"	09:33	"	"	1.083	"		622.4

