

OBSERVING LOG

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

DATE : August 12/13 2018
NIGHT: 5 of 9
PAGE : 1 of 4
WEATHER: patchy cirrus across sky

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
5001-5003	dflat		3x4s	B	dflat	open	-	Lamp @ 480V, ~18k
5004-5006	"	19:15	3x4	V	"	"	-	Lamp @ 390V, <16k
5007-5009	"	19:25	3x3	R	"	"	-	Lamp @ 350V, ~22k
5010-5012	"	19:30	3x80	grism	"	150um	-	Lamp @ 480V, ~34k peak
5013-5015	"	19:39	3x20	"	"	750um	-	Lamp @ 480V, ~32k peak
5016-5018	Hartmann	19:44	3x50	grism	"	Hart,	-	Lamp @ 480V, ~40k peak
5019	"	19:51	4	V	"	"	-	Lamp @ 350V,
5020-5022	HeNeAr arc	19:53	30/60/90	grism	"	150um	-	HeNeAr
5023-5030	bias	20:02	8x0	-	-	-	-	Bias
5031	Slit image	22:35	1	V	zenith	150um	-	FOR ALL OF CALIBS
5032	"		"	"	-	750um	-	SUBRASTER IN WRONG READOUT MODE! Dang it.
5033	Slit image	22:39	1	V	zenith	150um	-	fixed. Y2000: 1408.9, 2656.1
5034	"	22:41	"	"	"	750um	-	Y2000: 1419.8, 2645.2
5035	EG 274	23:00	"	"	1.028	open	1.1"	
5036	"	23:05	"	"	1.025	750um		
5037	EG 274	23:06	180	grism	1.025	750um	~1"	std. through some light cirrus
5038	HeNeAr arc	23:13	30	grism		150um		Arc for std.
5039	SN2018aoz	23:21	20	V	1.707	open	1.3"	x:1331, y:1927, 52.1"E, 79.6"S
5040	"	23:24	"	"	1.736	"	1.3"	14.5"W, 43.6"N
5041	"	23:29	"	"	1.782	"	1.3"	@1405, 1998, 1.5"E
5042	"	23:32	"	"	1.815	150um		1"E
5043	"	23:34	"	"	1.838	"		0.8"E why is this so hard to get in the slit!
5044	"	23:37	"	"	1.862	"		ARGH
5045	SN2018aoz	23:39	10	"	1.891	"		

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WEATHER:light cirrus

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5046	SN2018aoz	23:42	10	V	1.915	150um		FINALLY!!!!
5047-5048	SN2018aoz	23:44	2x600	grism	1.948	"		
5049	ASASSN-18ro	00:11	10	V	1.479	open	1.4"	@1246,1930, 79"E, 34"S
5050	"	00:16	"	"	1.513	"		1.5"E, 1"S
5051	"	00:19	"	"	1.533	150um		
5052-5054	ASASSN-18ro	00:21	3x600	grism	1.549	150um		
5055	ASASSN-18qr	01:01	20	V	1.311	open	1.2"	@1525, 1931, 56.1"W, 33.2"S
5056	"	01:05	"	"	1.297	"	1.2"	0.8"W
5057	"	01:08	"	"	1.287	150um		
5058-5060	ASASSN-18qr	01:11	3x1200	Grism	1.28	150um		Cirrus
5061	ASASSN-18qq	02:19	20	V	1.259	open	1.2"	@1808, 1953? 193"W, 27"S
5062	"	02:25	30	"	1.259	"	1.2"	1409,2003, OK? faint!
5063	"	02:28	60	"	1.259	"	1.2"	OK, def. at 1410, 2001
5064	"	02:32	"	"	1.259	150um		0.5"W
5065	"	02:36	30	"	1.259	"		0.7"W
5066	"	02:38	60	"	1.259	"		1"W telescope refusing to move W
5067	"	02:41	"	"	1.259	"		2"W wtf
5068	"	02:44	"	"	1.259	"		Stop guiding, 1"W
5069	"	02:47	"	"	1.260	"		OK, @2011
5070	ASASSN-18qq	02:50	900	"	1.261	"		VERY faint, changing target (clouds?)
5071	ASASSN-18rn	03:14	20	V	1.117	open	1.2"	@1500, 1942, 44.5"W, 28"S
5072	"	03:18	"	"	1.112	"	1"	OK, try slit
5073	"	03:20	"	"	1.108	150um		OK! Good seeing
5074-5076	ASASSN-18rn	03:23	3x900	grism	1.104	150um		
5077	ASASSN-18om	4:15	20	V	1.148	Open	1.3"	can't find..., maybe 1650, 1956? (Clouds?)

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WEATHER: variable high clouds

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
5078	"	04:19	60	V	1.145	open	1.3"	yes, 1652, 1956, 118"W, 12"S
5079	"	04:23	"	"	1.142	"	1.3"	OK, try slit
5080	"	04:27	"	"	1.140	150um		0.6"W
5081	"	04:30	30	"	1.138	"		
5082-5084	ASASSN-18om	04:32	3x900	grism	1.136	"		
5085	ASASSN-18mx	05:28	30	V	1.34	open	1.3"	@1262, 1921, 71"E, 37.5"S
5086	"	05:33	"	"	1.335	"	1.3"	
5087	"	05:36	"	"	1.332	150um		
5088-5090	ASASSN-18mx	05:38	3x1500	grism	1.330	150um		
5091	ASASSN-18re	07:09	20	V	1.502	open	1.5"	@1241.8 1940, 80" E, 29"S
5092	"	07:12	"	"	1.483	"	1.3"	
5093	"	07:15	"	"	1.467	150um		
5094-5096	ASASSN-18re	07:16	3x600	grism	1.46	"		
5097	2017cv	07:54	20	V	1.027	Open	1.4"	@1296, 1914, 55"E, 41"S
5098	"	07:59	"	"	1.016	"	1.4"	
5099	"	08:01	"	"	1.015	150um		More clouds to south, near hourzon
5100-5102	2017cv	08:04	3x600	grism	1.015	"		light cirrus
5103	NGC 1566	08:44	20	V	1.306	open		Clouds covering S, W, N
5104	"	08:47	"	"	1.3	"		Too cloudy! Closing for calibrations
5105-5107	dflat	08:53	3x4s	B	dflat	open	-	Lamp @ 480V, ~18k USE THESE CALIBS
5108-5110	"	08:58	3x4	V	"	"	-	Lamp @ 390V, <16k NOT EARLY ONES
5111-5113	"	09:02	3x3	R	"	"	-	Lamp @ 350V, ~21k
5114-5116	"	09:07	3x80	grism	"	150um	-	Lamp @ 480V, ~34k peak
5117-5119	"	09:16	3x20	"	"	750um	-	Lamp @ 480V, ~32k peak
5120-5122	Hartmann	09:22	3x50	grism	"	Hart,	-	Lamp @ 480V, ~40k peak

