

OBSERVING LOG

TELESCOPE : DuPont
INSTRUMENT : WFCCD
CONFIGURATION : TYPHOON
OBSERVER : Jeff Rich
NIGHT ASSISTANT: Consuelo

DATE : July 26/27 2019
NIGHT: 2 of 13
PAGE : 1 of 3
WEATHER: clouds S & E

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
2001	bias	18:55	0	V	-	150um	-	
2002	Slit image	18:57	10	V	zenith	150um	-	top/bot 1426/1429 x=1428.4, 2636.6, @y~2100
2003	"	18:59	4	V	"	750um	-	Lamp @390V, x=1439.9, 2625.1@y~2100
2004-2006	dflat	19:04	3x3	R	Flat field	open	-	Lamp @ 350V, <25k peak
2007-2009	"	19:09	3x4	V	"	open	-	Lamp @ 390V, <18k peak
2010-2012	"	19:15	3x4	B	"	open	-	Lamp @ 480V, <22k peak
2013-2015	"	19:20	3x80	grism	"	150um	-	Lamp @ 480V, ~40k peak
2016-2018	"	19:28	3x20	grism	"	750um	-	Lamp @ 480V, <38k peak
2019-2021	"	19:34	3x50	grism	"	hart	-	Lamp @ 480V, ~41k peak
2022	"	19:41	4	V	"	hart	-	Lamp @ 390V
2023-2025	HeNeAr arcs	19:43	30/60/90	grism	"	150um	-	Arcs for calibs
2026-2033	bias	19:51	8x0	-	zenith	-	-	
2034	cd-32d2997	22:42	1	V	1.001	open	1.5"	382.2"W, 33.6"S
2035	"	22:47	"	"	1.003	"		Bad psf?
2036	"	22:49	"	"	1.003	"	~1.5"	Focus a little out
2037	"	22:51	"	"	1.004	750um		1.2"E
2038	"	22:54	"	"	1.004	"		
2039	cd-32d2997	22:56	60	grism	1.005	"		Standard (clear part of sky)
2040	HeNeAr arc	22:59	30	"	1.006	150um		Arc for std.
2041	NGC 5643	23:04	20	V	1.036	Open	1.7"	Match 4087 2013_05_10_11, 385"W, 12"N
2042	"		"	"	1.037	"	1.7"	Slight rotation
2043	"	23:12	5	"	1.037	"	2"?	Try focus
2044	"	23:15	7x3	"	1.038	"		Focus seq., last step 1.8", keep going
2045	"	23:21	"	"	1.039	"		Still improving, do another, down to 1.3"

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WEATHER: clearing, windy

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2046	NGC 5643	23:26	7x3	V	1.041	open	1.3"	16985
2047	"	23:31	20	"	1.043	"	1.3"	7.8"S, 3"E for slit diff.
2048	"	23:35	"	"	1.045	"	1.4"	1.2"S
2049	"	23:38	"	"	1.046	"	1.3"	-10.3, 509.7, 744.4 (L->R)
2050	NGC 5643	23:40	600	grism	1.047	150um	~1.5"	509.7 744.4
2051	"	23:52	"	"	1.055	"		734.1
2052	"	00:03	"	"	1.063	"	~1.4"	723.8
2053	"	00:15	"	"	1.075	"		713.5
2054	"	00:27	"	"		"		703.2
2055	"	00:38	"	"	1.102	"		692.9
2056	"	00:50	"	"	1.120	"		682.6
2057	"	01:02	"	"	1.140	"	~1.3"	672.3, closed due to wind at end
2058	NGC 7793	06:19	20	V	1.115	open	1.7"	385.6"W, 25.1"N, match 4102, 8/11/18
2059	"	06:23	"	"	1.111	"	1.5"	1.8"W, 0.4"S CASS = 90
2060	"	06:27	"	"	1.1	"	1.6"	10" offset for slit, N?, R->L, +10.3
2061	"	06:29	"	"	1.099	"	1.5"	Wrong way, correct, 20" S
2062	"	06:32	"	"	1.094	"	1.4"	OK, but guider problem, reimage and check
2063	"	06:35	"	"	1.088	"	1.4"	
2064	NGC 7793	06:38	600	grism	1.084	150um		491.1, 383.6 (+10.3)
2065	"	06:49	"	"	1.075	"		393.9
2066	"	07:01	"	"	1.050	"		404.2 seeing variable
2067	"	07:12	"	"	1.038	"		414.5
2068	"	07:24	"	"		"		424.8
2069	"	07:36	"	"	1.018	"		435.1

