

OBSERVING LOG

TELESCOPE : DuPont
INSTRUMENT : WFCCD
CONFIGURATION : TYPHOON
OBSERVER : Jeff Rich & Rachel Frisbie
NIGHT ASSISTANT: Sergio

DATE : July 30/31 3019
NIGHT: 6 of 13
PAGE : 1 of 4
WEATHER: clear & windy

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
6001	bias	19:11	0	V	-	150um	-	Ok
6002-6004	dflat	19:21	3x3	I	Flat field	open	-	Lamp @ 290V, ~20k peak
6005-6007	"	19:32	3x4	V	"	open	-	Lamp @ 390V, <17k peak
6008-6010	"	19:37	3x4	B	"	open	-	Lamp @ 480V, ~20k peak
6011-6013	"	19:42	3x80	grism	"	150um	-	Lamp @ 480V, ~40k peak
6014-6016	"	19:50	3x20	grism	"	750um	-	Lamp @ 480V, <38k peak
6017-6019	"	19:54	3x50	grism	"	hart	-	Lamp @ 480V, ~41k peak
6020	"	20:03	4	V	"	hart	-	Lamp @ 390V
6021-6029	bias	20:05	8x0	-	zenith	-	-	
6030-6032	HeNeAr arcs	20:19	30/60/90	grism	"	150um	-	Arcs for calibs
6033-6035	dark	20:40	3x600	V	"	open	-	
6035	Slit image	22:31	1	V	zenith	150um	-	top/bot 1424/1430 x=1427.3, 2637.7, @y~2100
6036	"	22:33	1	V	"	750um	-	x=1439.0, 2626.0@y~2100
6037	LTT 4816	22:38	5	V	1.147	open		Saturating
6038	"	22:40	2	"	1.149	"	1.2"	
6039	"	22:42	5	"	1.152	"	1.2"	
6040	"	22:45	"	"	1.157	750um		
6041	"	22:52	"	"	1.169	"		
6042	LTT 4816	22:55	300	Grism	1.175	750um		standard
6043	HeNeAr arc	23:03	30	grism	1.189	150um		Arc for standard
6044	ZTF18abjyiss	23:07	20	V		150um		Slit in, try again
6045	"	23:09	"	"	1.405	open	1.6"	
6046	"		"	"		"		1.1"W
6047	"	23:17	10	"	1.387	150um	1.7"	

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WEATHER: clear, very windy

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
6048-6051	ZTF18abjyiss	23:19	4x900	grism	1.383	150um	~1.6"	Decker Target, v. High wind
6052	NGC 6744		10	V		Open	2"	Match 5093, 2019_07_29_30
6053	"	00:35	"	"	1.377	"		
6054	NGC 6744 focus	00:39	7x3	V	1.368	"		Focus seq, need another
6055	"	00:46	"	"	1.356	"		TO recommends focusing @ zenith
6056	Zenith focus	00:54	"	"	1.000	"		2nd step.
6057	NGC 6744	01:04	20	V	1.322	open	2.5"	3.9"E, 2"S
6058	"	01:07	"	"	1.318	"		1.8"N, 0.5"W
6059	"	01:10	"	"	1.313	"	2.3"	Switch to SN target
6060	2018ZTFaaxlucv	01:20	"	"	2.291	"	<2.5"	@2248, 2013, 397.2"W, 41.7"S
6061	"	01:26	"	"	2.213	"	2.2"	
6062	"	01:30	"	"	2.176	"		@1426, 2100
6063	"	01:33	"	"	2.143	150um		
6064-6067	2018ZTFaaxlucv	01:35	4x900	grism	2.108	"		Decker target, high wind from S
6068	HeNear arc	02:42	30	"	1.711	"		
6069	Check focus	02:46	5	V	1.000	open	1.5"	OK,
6070	NGC 6744	02:52	20	V	1.221	open	>2"	Pointed into wind, still no good
6071	ASASSN-18jd	02:57	"	"	1.701	"	2.6"	@2199, 2016 373.2"W, 40.3"S
6072	"	03:01	"	"	1.709	"	2.5"	1"E
6073	"	03:04	"	"	1.683	150um		OK, on the slit,
6074-6076	ASASSN-18jd	03:06	3x1200	grism	1.663	"		Tom H. Target
6077	AT2019dsg	04:14	20	V	1.417	open	2"	@2251, 1994, 398.9"S, 50.6"W
6078	"	04:20	"	"	1.406	"		
6079	"	04:23	"	"	1.402	150um		OK!

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WEATHER: clear, wind calming

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
6080-6083	AT2019dsg	04:26	4x600	Grism	1.399	150um	~2"	Decker Target
6084	NGC 7793	05:15	20	V	1.249	open	1.6	Put Knot @ 1724, 2156 on the slit, ring=90
6085	"	05:19	"	"	1.238	"	1.5"	Vertical OK, move 5"N, to right of knot
6086	"	05:22	"	"	1.222	"	~1.5"	OK, good position
6087	NGC 7793	05:26	600	Grism	1.213	150um		605.3, 784.8
6088	"	05:39	"	"	1.177	"		774.5
6089	"	05:51	"	"	1.147	"		764.2
6090	"	06:02	"	"	1.122	"		753.9
6091	"	06:14	"	"	1.099	"		743.6
6092	"	06:26	"	"	1.079	"		733.3
6093	"	06:37	"	"	1.060	"		723.0
6094	"	06:48	"	"	1.047	"		712.7
6095	"	07:00	"	"	1.033	"		702.4
6096	"	07:11	"	"	1.023	"		692.1
6097	"	07:23	"	"	1.015	"		681.8
6098	"	07:35	"	"	1.010	"		671.5
6099	"	07:46	"	"	1.005	"		661.2
6100	"	07:58	"	"	1.002	"		650.9
6101	"	08:09	"	"	1.002	"		640.6
6102	NGC 7793	08:21	20	V	1.003	Open	1.4"	630.3
6103-6105	47 Tuc	08:25	3x2	V	1.364	open	1.5"	ring=180, header name incorrect
6106-6108	"	08:29	3x10	I	1.364	"	~1.3"	
6109-6111	"	08:34	3x2	I	1.363	"		
6112-6114	"		3x10	V		"		

