

WIYN OBSERVATORY

DIRECT IMAGER LOG

page 1

U.T Date: Jan 06 2019

Observers: RJTC Richmond, Connolly, Newsh, McCull, Symon's

OT: _____

CCD/comments: _____

Format: _____

Readout Noise: _____

Filter Wheel (1,2) 1 Filter Slots: 1 2 3 4 5 6 7 8

2

Disk Pic #	Observation	Integ. Time	Start U.T	Start H.A.	Air Mass	Focus	Filter	Seeing	Remarks
1	dome flat	10					V		7.2°C, Raining, cloudy
2	"	12					V		"telescope status" says flat
3	"	5	3:34				V		It is height 130 of 2019??
4	"	7	3:37				V		→ Went to park, AZ @ 73°
5-14	"	6	3:40				V		Do not want to let it
15	"	5	3:50				R		needed to be. Newt aligned
16	"	1	3:54				R		Az. is 89.7 (for dome)
17	"	1	3:57				R		clearing thermal noise
18-26	"	1	4:01				R		high intensity lamp @ 50% counts 19-20K
27	"	1	4:08				R		11 counts ~ 26-27K
28	"	1	4:10				R		11 counts ~ 23K 10 images
29	"	6	4:14				R		for dome flats for use images 5-14
30	"	8	4:18				R		lamp intensity high @ 50% counts ~ 20K

17.5 mV for dome is now 26.3 counts ~ 21K
 9 images counts ~ 21K
~~Image 19 was around 23K counts~~
 Image 19 was around 23K counts
 to make up for image 19
 high intensity 50% counts ~ 20K
 11 20% counts ~ 16K
 11 counts ~ 21K

U.T Date: Jan 06 2019 Observers: /

OT:

CCD/comments: / Filter Slots: 1 2 3 4 5 6 7 8 Readout Noise:

Format: Gain:

Disk Pic #	Observation	Integ. Time	Start U.T	Start H.A.	Air Mass	Focus	Filter	Seeing	Remarks
31-39	done flat	8	4:22				±		9 images, high intensity 20% counts ~ 20k for dome flats in I, use images 30-39 Dome Azimuth is @ 83.8 ove to shutter errors dome flats for R filter will be redone high intensity 20% counts ~ 20k
40	11	8	4:31				R		11 30% counts ~ 20k
41	11	8	4:35				R		11 11 9 images
42-50	11	8	4:38				R		for flats in R, use images 41-50 high intensity 50% counts ~ 40k high, 30% counts ~ 20k misc. counts, caps.
51	11	6	4:46				B		high 70% counts ~ 16k
52	11	6	4:49				B		4 11 counts ~ 20k
53	11	6	4:52				B		9 images 11 11
54	11	8	4:56				B		for flats in B, use images 54-63 Azimuth for dome 81.4
55-63	11	8	4:58				B		high, 70% counts ~ 3k when Azimuth was 80.8, tape was placed to mark dome
64	11	8	5:02				U		high, 100% counts ~ 4k
65	11	5	5:10				U		11 11 counts ~ 10k
66	11	20	5:15				U		11 11 counts ~ 10k
67	11	45	5:17				U		to confirm
68	11	45	5:20				U		



WIYN OBSERVATORY

DIRECT IMAGER LOG

U.T. Date: Jan 06 2014 Observers:

OT:

CCD/comments: / Format: 2 3 4 5 6 7 8 Readout Noise:

Filter Wheel (1,2) Filter Slots: 1 2 3 4 5 6 7 8

Disk Pic #	Observation	Integ. Time	Start U.T	Start H.A.	Air Mass	Focus	Filter	Seeing	Remarks
69-73	6505		5:33						cleaning the chip counts ~ 2500
74-84	11		5:38						use filter 74-84 for bias frames
			5:45						Done AE: 78.7
									Area A7 Spadart flares
									By several degrees without moving
85-88	flat tests						6580		tests, throwaways
89-90	flats						6580		23-24k counts, 85 exp
99	flat						6670		incorrect comment/obj
100-101	"						6670		corrected comment/obj
100	"						6670		corrected comment/obj
101-110	"						6670		75 exp, 22k counts
111	"						6660		65 exp test, 10k counts
112-121	"						6660		75 exp, 23k counts
122	"						Stream 1600		205 exp test, streaming filter
123	"						Stream b		205 exp test, 24k counts
124-133	"						Stream b		145 exp, 23k counts
134	"						Stream Hb-w		185 exp, 20k counts
135-140	"						Stream Hb-w		195 exp,