



WIYN OBSERVATORY

DIRECT IMAGER LOG

page 1

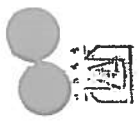
U.T. Date: 1-17-2016 Observers: Richmond, Cornell, Shah, Pyzi, Schmidt  
 CCD/comments: / Format: 1-compact Gain: 1.3 Readout Noise: 7.3  
 Filter Wheel (1,2) 1 Filter Slots: 10, 6, 2, B, 6, 2, 0, 3 4 5 6 7 8

Disk Pic #	Observation	Integ. Time	Start U.T	Start H.A.	Air Mass	Focus	Filter	Seeing	Remarks
0001	Sky Flat - Ho	1							Telescope at zenith
0002	Sky Flat - V	1							"
0003	Sky Flat - V	13							
0004	Sky Flat - V								
0005	"								
0006	"								
0007	"								
0008	Flat V	9							
0009	Flat V	9.18							L1001
0010	"	"							
0011	"	"							
0012	"	"							
0013	"	"							
0014	Flat B	36							
0015	"	"							
0016	"	"							
0017	"	"							
0018	"	"							
0019	Flat R	10							
0020									
0021									
0022									
0023									
0024	Flat I	8							



U.T. Date: \_\_\_\_\_ Observers: \_\_\_\_\_ OT: \_\_\_\_\_  
 CCD/comments: \_\_\_\_\_ / \_\_\_\_\_ Format: \_\_\_\_\_ Gain: \_\_\_\_\_  
 Filter Wheel (1,2) \_\_\_\_\_ Filter Slots: 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ 7 \_\_\_\_\_ 8 \_\_\_\_\_  
 Readout Noise: \_\_\_\_\_

Disk Pic #	Observation	Integ. Time	Start U.T	Start H.A.	Air Mass	Focus	Filter	Seeing	Remarks
25	Flat I	5							
26	"	"							
27	"	"							
28	"	"							
29	Flat U	18							High 100%
30	"	25							
31	"								
32	"								
34	Flat Ha	16							High 50%
35	Flat Ha	21							
36									
37									
38									
39									
40	Flat H-alpha 6740	21							1'
41									
42									
43									
44									
45	BP Psc V	5			2.03	32731	V		
46					2.10	32531			Not in focus.
47					2.15	32933			
48	BP Psc H-alpha	500			2.27		6580		FWHM 4.43 DX
49					2.46				



U.T Date: \_\_\_\_\_ Observers: \_\_\_\_\_ OT: \_\_\_\_\_  
 CCD/comments: \_\_\_\_\_ / \_\_\_\_\_ Format: \_\_\_\_\_ Gain: \_\_\_\_\_ 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
50					2.67				
51	RZ Psc H- $\alpha$	30			1.71				
52		500			1.22				Shifted Star off-center = b/c defects
53					1.26				
54					1.29				
55					1.34				Moved object position on CCD.
56					1.38				
57	RZ Psc H- $\alpha$ off	500			1.44		6740		Taking H- $\alpha$ off images for RZ Psc
58					1.52				
59					1.58				
60					1.65				
61					1.73				
62	RZ Psc V band	10			1.83	32848	V		
63					1.87				
64					1.88				
65		200			1.93				
66					2.06				
67					2.11				
68	Dias	0.001			2.22				
69					2.23				
70					2.24				
71					2.25				
72					2.26				
73					2.24				



U.T. Date: \_\_\_\_\_ Observers: \_\_\_\_\_ OT: \_\_\_\_\_  
 CCD/comments: \_\_\_\_\_ / \_\_\_\_\_ Format: \_\_\_\_\_ Gain: \_\_\_\_\_ 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
74	bias	0.001							
75									
76									
77									
78	APG 148-V	15		-4.37	1.744	32896	V		
79		15				32800	V		
80	APG 148-V	500		-4.27	1.673	32800	V		thin cloud from west 4.38 FWHM
81									
82									
83	APG 148-B	500		-3.54	1.463	32815	B		C 4.06
84	APG 148-R	500					R		clear 3.46 FWHM
85		"							
86		"							
87	APG 148-B			-54	1.733	32833	B		
88									
89									
90	APG 148-I	500					I		
91									
92	bias								
93	NAC 4180-B	25		-3.10	1.578	32818	B	4.47	
94						32620		10.54	
95						32023		11.97	
96						32405		6.83	
97						32840		3.52	



U.T Date: \_\_\_\_\_ Observers: \_\_\_\_\_ OT: \_\_\_\_\_

CCD/comments: \_\_\_\_\_ / \_\_\_\_\_ Format: \_\_\_\_\_ Gain: \_\_\_\_\_ 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
98	Ngc 4180	500		-2:47	1.444	32839	B		
99	"								
100	"								
101	Ngc 4180 ✓	25		-2:18	1.320	32840	V		Moved telescope to <sup>the north</sup> <sub>to</sub> <sup>the</sup> <sub>sky</sub>
102	"								"
103	"								"
104	Ngc 4180 ✓	500		-1:48	1.229	28838	V	3.27	thin clouds
105	"								
106	"								
107	Ngc 4180 - B	500		-1:17	1.165	32838	B	3.46	
108	"								
109	"								
110	Ngc 4180 - RB	500		-00:51	1.129	32837	R	2.92	
111	"								
112	"								
113	Ngc 4180 - I	500		-00:05	1.104	32834	I	3.53	
114	"								
115	"								
116	HHUMa	15	11:00	1:02 →		32857	V	3.33	saturated
117	"	10	11:05		1.04	"	V		
118	"	8				"	V		
119	"	8	11:10				V		
120	"	8					B		
121	"	8					B		



U.T Date: \_\_\_\_\_ Observers: \_\_\_\_\_ OT: \_\_\_\_\_

CCD/comments: \_\_\_\_\_ / \_\_\_\_\_ Format: \_\_\_\_\_ Gain: \_\_\_\_\_ 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
122	#HUNGA		1.10	154	1.04	<del>32855</del>	B	3.33	
123	u					32855	V		
124	u						B		
125	u						V		
126	u						B		
127	u						V		
128	u						B		
129	u						<del>B</del> V		
130							B		
131							B		
132									
133							V		
134							B		
135							V		
136							B		
137					1.07		V		
138							B		
139							V		
140							B		
141							V		
142							B		
143							V		
144							B		
145							V		



U.T Date: \_\_\_\_\_ Observers: \_\_\_\_\_ OT: \_\_\_\_\_

CCD/comments: \_\_\_\_\_ / \_\_\_\_\_ Format: \_\_\_\_\_ Gain: \_\_\_\_\_ 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
145	HHJMA						V		
146							B		
147							V		
148							B		
149							V		
150							B		
151							V		
152							<del>V</del>		
153							B		
154					1.09		V		
155							B		
156							V		
157							B		
158							V		
159							B		
160							V		
161							B		
162					1.1		V		
163							B		
164							V		
165							B		
166							V		
167							B		
168							V		