



U.T. Date: Dec 8 11 Observers: Weyant

✓ Pittsburgh time OT: Dave

Disk Pic #	Observation/File Name	Integ. Time	Fowler	Filter	Start U.T.	Air Mass	Focus	Seeing	Remarks
1-10	dark flats	5	1	ORAQ	6:12	-	-	-	-
11-20	flat-H on	5	1	H	6:19	-	-	-	lamp @ 415
21-30	flat-H off	5	1	H	6:21	-	-	-	lamp off
31-40	flat-J on	5	1	J	6:25	-	-	-	lamp @ 600
41-50	flat-J off	5	1	J	6:28	-	-	-	lamp off
51-60	flat-K on	5	1	K	6:32	-	-	-	lamp on
61-70	flat-K off	5	1	K	6:35	-	-	-	lamp off
71	pointing check	5	1	H	7:53				
72	pointing check								
73-74	pointing								
75-82	focus				8:05		5.1	5.1	
83	2011 gf - focus	30	1	H	8:15		7113		check pointing - looks good!
84-92	2011 gf	60	1	H	8:16	1.48	6.9	6.9	first dither
93-101	2011 gf	60	1	H	8:30	1.52	7113	6.0	5" shift North. Second dither
102-110	2011 gf	60	1	H	8:42	1.58	7113		5" shift East third dither
111	2011 fs - focus	20	1	H	9:01	1.05			focus
112	2011 fs - focus	60	1	H	9:10	1.07	7276		deeper mag to check focus
118-126	2011 fs	60	1	H	9:13	1.07	7274	4.0	first dither
127-135	2011 fs - focus	60	1	H	9:26	1.09	7287		5" shift E

to find focus, click on W1YN page and hit "S"



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128-136	2011fs	60	1	H	9:30	1.11	7201	4.4	Second dither
137	2011fs-focus	60	1	S	9:41	1.12	7290		looks good - could include in image
138-146	2011fs	60	1	S	9:42	1.12	7297	3.8	first dither in S
147-155	2011fs	60	1	S	9:55	1.15	7290	5.0	5" shift North - second dither
156	2011io-focus	60	1	H	10:15	1.23	7269	4.35	check pointing - could use this in image
157-165	2011io	60	1	H	10:16	1.24	7267		first dither
166-174	2011io	60	1	H	10:20	1.26	7261	4.79	5" shift N second dither
175-183	2011io	60	1	I	10:41	1.31	7252		first dither S
184-192	2011io	60	1	S	10:53	1.36	7245	6.00	5" shift E second dither
193-195	PTF11pbp-focus	60	1	H	11:05	1.31	7253		check focus
196-204	PTF11pbp	60	1	H	11:12	1.33	7291	5.3	first dither in H
205-213	PTF11pbp	60	1	H	11:24	1.38	7284	6.0	5" shift N second dither in H
214-222	PTF11pbp	60	1	S	11:37	1.44	7277	6.0	first dither in S
223-231	PTF11pbp	60	1	S	11:49	1.51	7269	5.0	5" shift E, second S
232-	2011iu-focus	60	1	H	12:05	1.25	7301		check focus - +20
233	2011iu-focus	60	1	H	12:08	1.26	7326	4.6	looks good - could use in image
234-242	2011iu	60	1	H	12:11	1.26	7324	4.4	first dither
243-251	2011iu	60	1	H	12:22	1.30	7318	4.2	5" shift N - 2nd dither
252-260	2011iu	60	1	S	12:34	1.34	7311	5.6	first S dither



WYNN OBSERVATORY WHIRC OBSERVING LOG

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261-269	2011w	60	1	S	12:47	1.39	7304	5.0	5" shift E 2nd detector
270	2011w-focus	60	1	H	1:05	1.39	7304		looks good - use in image
271-279	2011w	60	1	H	1:07	1.40	7303	4.7	first h detector
280-288	2011w	60	1	H	1:18	1.43	7298	4.74	2nd h detector 5" N
289-297	2011w	60	1	S	1:35	1.49	7293	5.0	1st detector in S
298-306	2011w	60	1	S	1:47	1.55	7287	4.7	5" shift E 2nd detector
307-315	2011g-focus	60	1	H	2:04	1.05	7392	4.0	looks good use in image
308-316	2011g	60	1	H	2:08	1.06	7387	3.5	first detector in H
317-325	2011g	60	1	H	2:17	1.07	7385	3.5	5" shift N, 2nd detector H
326-334	2011g	60	1	S	2:31	1.08	7377	3.7	first J detector
335-343	2011g	60	1	S	2:44	1.11	7370	4.0	5" shift E 2nd detector
344	PTF11g29-focus	60	1	H	3:00	1.14	7358	5.2	looks good!
345-353	PTF11g29	60	1	H	3:01	1.13	7362	5.6	first H detector
354-362	PTF11g29	60	1	H	3:13	1.12	7365	5.5	5" shift N 2nd M detector
363-371	PTF11g29	60	1	S	3:26	1.11	7367	4	first S detector *
372-380	PTF11g29	60	1	J	3:45	1.09	7384	4.2	5" shift E 2nd J detector
381	PTF11g29-focus	60	1	H	3:57	1.2	7351	4.6	looks good!
382-390	PTF11g29	60	1	H	3:58	1.2	7354	5.2	first M detector

* Some earlier images were out of focus a little. Adjusted in middle of detector (370-371) are good

