

#	Obs	Int time	Time	filter	air mass	seeing	Notes
1-10	Darks	S		OPAQ	-	-	-
11	Flat H on	S	9:16	H	-	-	on @ 450
12-21	Flat H on	S	9:18	H	-	-	on @ 450
22	Flat H off	S	9:20	H	-	-	off
23-32	Flat H off	S	9:21	H	-	-	off
33-42	Flat S off	S	9:24	S	-	-	off
43	Flat S on	S	9:27	S	-	-	on @ 650
44-53	Flat S on	S	9:27	S	-	-	on @ 650
54	Flat Ks on	S	9:30	Ks	-	-	on @ 800
55-64	Flat Ks on	S	9:30	Ks	-	-	on @ 880
65	Flat Ks off	S	9:33	Ks	-	-	off
66-75	Flat Ks off	S	9:34	Ks	-	-	off
76	S791-C	S	11:04	H	1.26		check focus
85	S791-C	10	11:18	H	1.27	.75	3x3x30"
94	S791-C	10	11:22	S	1.27	.85	3x3x30"
103	S791-C	10	11:27	Ks	1.27	.96	3x3x30"
112	S791-E	10	11:31	H	1.27		Banking Check
115	2013 CS	60	11:37	H		.19	Check
116	2013 CS	60	11:40	H	1.59		3x3x30"
123	2013 CS	60	11:52	S	1.62	.11	3x3x30"
124	2013 CS	60	12:04	Ks	1.65		3x3x30"

Moved EXP time to 20s for Ks in the middle of the clothes

#	Obs	Int Time	Time	Filter	air mass	Seeing	Notes
141	2013cs	20	12:14	K5	1.33	1.4	background counts one high
142	2013da	60	12:16	H	1.33	1.4	best
143	2013da	60	12:18	H	1.33	1.4	3x3x30"
152	2013da	60	12:32	S	1.35	1.8	3x3x30"
161	2013da	20	12:45	K5	1.38		3x3x30"
170	2013da	20	12:51	K5	1.39	1.74	3x3x30"
179	2012cg	60	12:57	H	1.42	1.6	check
180	2012cg	60	13:01	H	1.42	1.6	retest
181	2012cg	60	1:03	H	1.45	1.6	5x5x15"
206	2012cg	60	1:37	S	1.67	1.75	4x4x20"
222	2013ck	5		H	1.06	1.5	check focus
223	2013ck	60	2:07	H	1.57	1.44	5x5x15"
253	check star	5	2:40	S	1.10	5.6	check focus
260	2013ck	60	2:47	S	1.11	5.6	5x5x15"
285	PTF13ayw	60	3:27	H	1.13	5.6	check
288	PTF13ayw	60	3:33	H	1.13		4x4x15"
304	PTF13ayw	60	3:54	S	1.19		5x5x15"
329	P330-EU	10	4:31	H	1.15		check
3:	P330-E	10	4:34	JMK5	1.6	1.9-1.6	3x3x30"

Observer: Anja Weyant OA: Dave Summers

#	obs	int time	time	filter	arc rows	seeing	Notes
358	PTF13a5V	60	4:49	H	1.3	.5	video check
359	check off PTF13a5U	60	4:54	H	1.3		404728"
	PTF13a5V	60	5:17	S		.5	4x4x26"
391	P330-G	10	5:35	H	1.38		check
393	P330-G	10	5:41	H	1.40		need to reposition
402	P330-E	10	5:46	S	1.43		3x3x38"
411	P330-E	10	5:53	Ks	1.47		3x3x38"
420	P330-E 2013b5	60	6:01	H	1.26		best
421	2013b5	60	6:03	H	1.27		5x5x15"
446	2013b5	60	6:34	S	1.39		5x5x15"
471	Flat Ks off	S					
742	Flat Ks off	S	7:19	Ks			