

**MMT Observing Schedule  
August 2014**

<u>Date*</u>	<u>Day</u>	<u>Moon</u>	<u>Observer</u>	<u>Instrument</u>	<u>Assistant</u>	<u>Secondary</u>	<u>Operator</u>	<u>Program</u>
1 (8.4)	F	5.8	Shutdown					
2 "	S	6.7	"					
3 (8.5)	S	7.7	"					
4 "	M	8.6	"					
5 "	T	9.6	"					
6 "	W	10.5	"					
7 (8.6)	Th	11.5	"					
8 "	F	12.4	"					
9 "	S	13.4	"					
10 "	S	-13.7	"					
11 (8.7)	M	-12.7	"					
12 "	T	-11.8	"					
13 "	W	-10.8	"					
14 (8.8)	Th	-9.9	"					
15 "	F	-8.9	"					
16 "	S	-8.0	"					
17 (8.9)	S	-7.0	"					
18 "	M	-6.1	"					
19 "	T	-5.1	Brown	Blue Channel		f/9	Milone	SAO-2
20 (9.0)	W	-4.2	"	"		"	"	"
21 "	Th	-3.2	Olszewski	"		"	"	UAO-S36
22 "	F	-2.3	"	"		"	"	"
23 (9.1)	S	-1.3	Smith	"		"	"	UAO-S48
24 "	S	-0.4	"	"		"	"	UAO-S42
25 "	M	0.5	Kirshner	"		"	"	SAO-4
26 (9.2)	T	1.5	Jiang	Red Channel		"	Gottilla	UAO-S29
27 "	W	2.4	"	"		"	"	"
28 (9.3)	Th	3.4	M&E	MAESTRO		f/5	"	ME
29 "	F	4.3	Fan	"		"	"	UAO-S32
30 (9.4)	S	5.3	"	"		"	"	"
31 "	S	6.2	Liss	MMTCam		"	"	UAO-G7

\*Numbers in parentheses are the number of hours for which the sun is greater than 12 degrees below the horizon.

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7/16/2014

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1 (9.4)	M	7.2	Liss	MMTCam		f/5	Gottilla	UAO-G7
2 (9.5)	T	8.1	"	"		"	Martin	"
3 "	W	9.1	"	"		"	"	"
4 "	Th	10.0	Geller	Hectospec		"	"	SAO-8
5 (9.6)	F	11.0	"	"		"	"	"
6 "	S	11.9	"	"		"	"	"
7 "	S	12.9	Meibom / SAO TBS	Hectochelle		"	"	SAO-12 / TBS
8 (9.7)	M	13.8	" / "	"		"	"	"
9 "	T	-13.2	" / "	"		"	Milone	"
10 "	W	-12.3	" / "	"		"	"	"
11 (9.8)	Th	-11.3	Meibom / Saar	"		"	"	SAO-12 / SAO-14
12 "	F	-10.4	" / "	"		"	"	" / "
13 "	S	-9.4	" / "	"		"	"	" / "
14 (9.9)	S	-8.5	" / "	"		"	"	" / "
15 "	M	-7.5	" / "	"		"	"	" / "
16 "	T	-6.6	" / "	"		"	Gottilla	" / "
17 (10.0)	W	-5.6	Geller / Lunnan	H'spec/MMTCam		"	"	SAO-8 / SAO-3
18 "	Th	-4.7	Caldwell	Hectospec		"	"	SAO-6
19 "	F	-3.7	"	"		"	"	"
20 (10.1)	S	-2.8	"	"		"	"	"
21 "	S	-1.9	Lunnan / Berger	MMTCam		"	"	SAO-3 / SAO-9
22 "	M	-0.9	Drout	"		"	"	SAO-11
23 (10.2)	T	0.0	Kirshner / Benbow	Hectospec		"	Martin	SAO-5 / SAO-11
24 "	W	1.0	" / "	"		"	"	SAO-5 / SAO-12
25 "	Th	1.9	Kirshner	"		"	"	SAO-5
26 (10.3)	F	2.9	"	"		"	"	"
27 "	S	3.8	"	"		"	"	"
28 "	S	4.8	"	"		"	"	"
29 (10.4)	M	5.7	Geller	"		"	"	SAO-8
30 "	T	6.7	"	"		"	Milone	"

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1 (10.4)	W	7.6	Geller	Hectospec		f/5	Milone	SAO-8
2 (10.5)	Th	8.6	M&E			f/15	"	ME
3 "	F	9.5	Ward-Duong/Ward-Duong	ARIES		"	"	UAO-S39 / UAO-S40
4 "	S	10.5	"/"	"		"	"	"/"
5 (10.6)	S	11.4	"/"	"		"	"	"/"
6 "	M	12.4	De Rosa / Ward-Duong	"		"	"	UAO-S38 / UAO-S39
7 "	T	13.3	De Rosa / McCarthy	"		"	Gottilla	UAO-S38 / UAO-S30
8 (10.7)	W	-13.7	"/"	"		"	"	"/"
9 "	Th	-12.8	Dupree	"		"	"	SAO-10
10 "	F	-11.8	"	"		"	"	"
11 "	S	-10.9	"	"		"	"	"
12 (10.8)	S	-9.9	"	"		"	"	"
13 "	M	-9.0	"	"		"	"	"
14 "	T	-8.0	M&E / Smith	Blue Channel		f/9	Martin	ME / UAO-S48
15 (10.9)	W	-7.1	Parent / Kirshner	"		"	"	SAO-15 / SAO-4
16 "	Th	-6.1	Huo	"		"	"	UAO-G1
17 "	F	-5.2	Rubin	"		"	"	SAO-1
18 "	S	-4.2	"	"		"	"	"
19 (11.0)	S	-3.3	"	"		"	"	"
20 "	M	-2.4	"	"		"	"	"
21 "	T	-1.4	Stark	"		"	Milone	UAO-S45
22 (11.1)	W	-0.5	"	"		"	"	"
23 "	Th	0.5	Kirshner	"		"	"	SAO-4
24 "	F	1.4	McGreer	"		"	"	UAO-S37
25 "	S	2.4	"	"		"	"	"
26 (11.2)	S	3.3	"	"		"	"	"
27 "	M	4.3	Scarlata	"		"	"	UAO-G5
28 "	T	5.2	"	"		"	Gottilla	"
29 "	W	6.2	"	"		"	"	"
30 (11.3)	Th	7.1	Smith	"		"	"	UAO-S48
31 "	F	8.1	Parent / Kirshner	"		"	"	SAO-15 / SAO-4

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**October 2014**

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November 2014**

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1 (11.3)	S	9.0	Rajan	Pisces		f/9	Gottilla	UAO-S41
2 (11.4)	S	10.0	"	"		"	"	"
3 "	M	10.9	"	"		"	"	"
4 "	T	11.9	M&E			f/15	Martin	ME
5 "	W	12.8	Ward-Duong/Ward-Duong	ARIES		"	"	UAO-S39 / UAO-S40
6 "	Th	13.8	"	"		"	"	" / "
7 (11.5)	F	-13.3	"	"		"	"	" / "
8 "	S	-12.3	McCarthy	"		"	"	UAO-S30
9 "	S	-11.4	"	"		"	"	"
10 "	M	-10.4	M&E			f/5	"	ME
11 (11.6)	T	-9.5	Geller	Hectospec		"	Milone	SAO-8
12 "	W	-8.5	Willmer	"		"	"	UAO-S35
13 "	Th	-7.6	Park / Humphreys	"		"	"	UAO-G3 / UAO-G6
14 "	F	-6.6	Park	"		"	"	UAO-G4
15 "	S	-5.7	Berger	MMTCam		"	"	SAO-9
16 (11.7)	S	-4.8	Cool	Hectospec		"	"	DIR
17 "	M	-3.8	Wong	"		"	"	UAO-S31
18 "	T	-2.9	"	"		"	Gottilla	"
19 "	W	-1.9	Weiner	"		"	"	UAO-S47
20 (11.8)	Th	-1.0	"	"		"	"	"
21 "	F	0.0	"	"		"	"	"
22 "	S	0.9	Bezanson	"		"	"	UAO-S44
23 "	S	1.9	"	"		"	"	"
24 "	M	2.8	"	"		"	"	"
25 "	T	3.8	Massey	"		"	Martin	UAO-S26
26 "	W	4.7	"	"		"	"	"
27 "	Th	5.7	"	"		"	"	"
28 (11.9)	F	6.6	Massey / Willmer	"		"	"	UAO-S26 / UAO-S35
29 "	S	7.6	Caldwell	Hectochelle		"	"	SAO-7
30 "	S	8.5	"	"		"	"	"

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1 (11.9)	M	9.5	Caldwell	Hectochelle		f/5	Martin	SAO-7
2 "	T	10.4	"	"		"	Milone	"
3 "	W	11.4	SAO TBS	"		"	"	SAO-TBS
4 "	Th	12.3	"	"		"	"	"
5 "	F	13.3	Jiang	SWIRC		"	"	UAO-S28
6 "	S	-13.8	"	"		"	"	"
7 (12.0)	S	-12.8	"	"		"	"	"
8 "	M	-11.9	Mirror Wash			"	"	Mirror Wash
9 "	T	-10.9	"			"	Gottilla	"
10 "	W	-10.0	M&E / Wilson	MAESTRO		"	"	ME / UAO-S69
11 "	Th	-9.0	" / "	"		"	"	"
12 "	F	-8.1	" / "	"		"	"	"
13 "	S	-7.2	Ai / Williams	SPOL		f/9	"	UAO-G2 / DIR
14 "	S	-6.2	Williams	"		"	"	DIR
15 "	M	-5.3	Smith	Blue Channel		"	"	UAO-S48
16 "	T	-4.3	Brown			"	Martin	SAO-2
17 "	W	-3.4	"	"		"	"	"
18 "	Th	-2.4	"	"		"	"	"
19 "	F	-1.5	"	"		"	"	"
20 "	S	-0.5	"	"		"	"	"
21 "	S	0.4	Kirshner	"		"	"	SAO-4
22 "	M	1.4	Stark	"		"	"	UAO-S45
23 "	T	2.3	"	"		"	Milone	"
24 "	W	3.3	Closed			"	"	Closed
25 "	Th	4.2	Yang	Red Channel		"	Milone	UAO-G8
26 "	F	5.2	"	"		"	"	"
27 "	S	6.1	Kirshner / Parent	Blue Channel		"	"	SAO-4 / SAO-15
28 "	S	7.1	Clement	Red Channel		"	"	UAO-S34
29 "	M	8.0	"	"		"	"	"
30 "	T	9.0	"	"		"	Gottilla	"
31 "	W	9.9	Smith	Blue Channel		"	"	UAO-S48

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