

**MMT Observing Schedule
August 2013**

<u>Date*</u>	<u>Day</u>	<u>Moon</u>	<u>Observer</u>	<u>Instrument</u>	<u>Hecto Assistant</u>	<u>Secondary</u>	<u>Operator</u>	<u>Program</u>
1 (8.4)	Th	-4.0	Shutdown					
2 "	F	-3.1	"					
3 (8.5)	S	-2.1	"					
4 "	S	-1.2	"					
5 "	M	-0.2	"					
6 "	T	0.7	"					
7 (8.6)	W	1.7	"					
8 "	Th	2.6	"					
9 "	F	3.6	"					
10 "	S	4.5	"					
11 (8.7)	S	5.5	"					
12 "	M	6.4	"					
13 "	T	7.4	"					
14 (8.8)	W	8.3	"					
15 "	Th	9.2	"					
16 "	F	10.2	"					
17 (8.9)	S	11.1	"					
18 "	S	12.1	"					
19 "	M	13.0	"					
20 (9.0)	T	14.0	M&E			f/5	Martin	M&E
21 "	W	-13.1	Meibom / Flaherty	Hectochelle	Lacasse	"	"	SAO-15 / UAO-S19
22 "	Th	-12.1	Meibom	"	"	"	"	SAO-15
23 (9.1)	F	-11.2	"	"	"	"	"	"
24 "	S	-10.2	"	"	Berlind	"	"	"
25 "	S	-9.3	Meibom / Flaherty	"	"	"	"	SAO-15 / UAO-S19
26 (9.2)	M	-8.3	Zaritsky	MMTCam	Calkins	"	"	UAO-S16
27 "	T	-7.4	Berger / Zaritsky	"	"	"	Milone	SAO-4 / UAO-S16
28 (9.3)	W	-6.4	M&E / Berger	Blue Channel		f/9	"	M&E / SAO-7
29 "	Th	-5.5	Kuraszkiewicz / Berger	"		"	"	SAO-18 / SAO-7
30 (9.4)	F	-4.5	" / "	"		"	"	" / "
31 "	S	-3.6	Berger	"		"	"	SAO-7

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September 2013**

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1 (9.4)	S	-2.6	Milisavljevic	Blue Channel		f/9	Milone	SAO-10
2 (9.5)	M	-1.7	Smith	"		"	"	UAO-33
3 "	T	-0.7	M&E	"		"	Gottilla	M&E
4 "	W	0.2	Williams	"		"	"	DIR
5 (9.6)	Th	1.2	McGreer	Red Channel		"	"	UAO-S1
6 "	F	2.1	"	"		"	"	"
7 "	S	3.1	"	"		"	"	"
8 (9.7)	S	4.0	"	"		"	"	"
9 "	M	5.0	Clement	"		"	"	UAO-S9
10 "	T	5.9	"	"		"	Martin	"
11 (9.8)	W	6.9	"	"		"	"	"
12 "	Th	7.8	M&E	NGS/ARIES		f/15	"	M&E
13 "	F	8.7	Dupree	"		"	"	SAO-8
14 (9.9)	S	9.7	"	"		"	"	"
15 "	S	10.6	"	"		"	"	"
16 "	M	11.6	"	"		"	"	"
17 (10.0)	T	12.5	De Rosa	"		"	Milone	UAO-S10
18 "	W	13.5	Ward-Duong / De Rosa	"		"	"	UAO-S11 / UAO-S10
19 "	Th	-13.6	Guyon	nICWFS		"	"	UAO-S105
20 (10.1)	F	-12.6	Caldwell	Hectochelle	Berlind	f/5	"	SAO-9
21 "	S	-11.7	"	"	"	"	"	"
22 "	S	-10.7	"	"	"	"	"	"
23 (10.2)	M	-9.8	Meibom	"	"	"	"	SAO-15
24 "	T	-8.8	Geller	Hectospec	Calkins	"	Gottilla	SAO-6
25 "	W	-7.9	"	"	"	"	"	"
26 (10.3)	Th	-6.9	Soderberg	MMTCam		"	"	SAO-2
27 "	F	-6.0	Scarlata	Hectospec	Berlind	"	"	UAO-G94
28 "	S	-5.0	Kirshner	"	"	"	"	SAO-5
29 (10.4)	S	-4.1	Flaherty	Hectochelle	Calkins	"	"	UAO-S19
30 "	M	-3.1	Meibom	"	"	"	"	SAO-15

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October 2013**

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1 (10.4)	T	-2.2	Olszewski	Hectochelle	Berlind	f/5	Martin	UAO-S2
2 (10.5)	W	-1.2	"	"	"	"	"	"
3 "	Th	-0.3	Massey	Hectospec	"	"	"	UAO-S15
4 "	F	0.7	"	"	Calkins	"	"	"
5 (10.6)	S	1.6	"	"	"	"	"	"
6 "	S	2.6	Dai / Benbow	"	"	"	"	SAO-16 / SAO-11
7 "	M	3.5	" / "	"	"	"	"	SAO-16 / SAO-12
8 (10.7)	T	4.5	Wu / Berger	Hectospec/MMTCam	Berlind	"	Milone	UAO-G101 / SAO-4
9 "	W	5.4	Apai	Hectospec	"	"	"	UAO-S6
10 "	Th	6.3	Humphreys	"	"	"	"	UAO-G91
11 "	F	7.3	Humphreys / Geller	"	Calkins	"	"	UAO-G91 / SAO-6
12 (10.8)	S	8.2	Geller	"	"	"	"	SAO-6
13 "	S	9.2	Kong / Geller	"	"	"	"	UAO-G99 / SAO-6
14 "	M	10.1	Geller	"	"	"	"	SAO-6
15 (10.9)	T	11.1	M&E	NGS/ARIES	"	f/15	Gottilla	M&E
16 "	W	12.0	"	"	"	"	"	"
17 "	Th	13.0	Stone	"	"	"	"	UAO-E20
18 "	F	13.9	"	"	"	"	"	"
19 (11.0)	S	-13.1	"	"	"	"	"	"
20 "	S	-12.2	Jones	MMTPol	"	"	"	UAO-G92
21 "	M	-11.2	"	"	"	"	"	"
22 (11.1)	T	-10.3	"	"	"	"	Martin	"
23 "	W	-9.3	Elvis	"	"	"	"	SAO-17
24 "	Th	-8.4	Jiang	Red Channel	"	f/9	"	UAO-S13
25 "	F	-7.4	"	"	"	"	"	"
26 (11.2)	S	-6.5	Clement	"	"	"	"	UAO-S9
27 "	S	-5.5	Williams	SPOL	"	"	"	DIR
28 "	M	-4.6	"	"	"	"	"	"
29 "	T	-3.6	"	"	"	"	Milone	"
30 (11.3)	W	-2.7	Brown	Blue Channel	"	"	"	SAO-1
31 "	Th	-1.7	"	"	"	"	"	"

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October 2013

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**MMT Observing Schedule
November 2013**

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1 (11.3)	F	-0.8	Brown	Blue Channel		f/9	Milone	SAO-1
2 (11.4)	S	0.2	"	"		"	"	"
3 "	S	1.1	"	"		"	"	"
4 "	M	2.1	Berger	"		"	"	SAO-7
5 "	T	3.0	"	"		"	Gottilla	"
6 "	W	3.9	"	"		"	"	"
7 (11.5)	Th	4.9	Milisavljevic / Berger	"		"	"	SAO-10 / SAO-7
8 "	F	5.8	" / "	"		"	"	" / "
9 "	S	6.8	Milisavljevic	"		"	"	SAO-10
10 "	S	7.7	Smith	"		"	"	UAO-S33
11 (11.6)	M	8.7	Williams	"		"	"	DIR
12 "	T	9.6	Caldwell	Red Channel		"	Martin	SAO-14
13 "	W	10.6	"	"		"	"	"
14 "	Th	11.5	"	"		"	"	"
15 "	F	12.5	Brown	SWIRC		f/5	"	SAO-13
16 (11.7)	S	13.4	"	"		"	"	"
17 "	S	-13.6	"	"		"	"	"
18 "	M	-12.7	Caldwell	Hectochelle	Berlind	"	"	SAO-9
19 "	T	-11.7	"	"	"	"	Milone	"
20 (11.8)	W	-10.8	TBS / Liu	Hectospec	"	"	"	TBS / UAO-G100
21 "	Th	-9.8	Beaton	"	"	"	"	UAO-G90
22 "	F	-8.9	"	"	Calkins	"	"	"
23 "	S	-7.9	"	"	"	"	"	"
24 "	S	-7.0	Fang	"	"	"	"	UAO-G98
25 "	M	-6.0	Geller	"	"	"	"	SAO-6
26 "	T	-5.1	Soderberg	MMTCam		"	Gottilla	SAO-2
27 "	W	-4.1	Lunnan	"		"	"	SAO-3
28 (11.9)	Th	-3.2	Lunnan / Zaritsky	"		"	"	SAO-3 / UAO-S16
29 "	F	-2.2	Zaritsky	"		"	"	UAO-S16
30 "	S	-1.3	"	"		"	"	"

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December 2013**

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1 (11.9)	S	-0.3	Flaherty / Kim	Hectochelle	Calkins	f/5	Gottilla	UAO-S19 / UAO-S4
2 "	M	0.6	Kim	"	"	"	"	UAO-S4
3 "	T	1.5	Flaherty	"	"	"	Martin	UAO-S19
4 "	W	2.5	Berger / Kuraszkiwicz	Blue Channel		f/9	"	SAO-7 / SAO-18
5 "	Th	3.4	Berger	"		"	"	SAO-7
6 "	F	4.4	"	"		"	"	"
7 (12.0)	S	5.3	"	"		"	"	"
8 "	S	6.3	Smith	"		"	"	UAO-S33
9 "	M	7.2	M&E	NGS/ARIES		f/15	"	M&E
10 "	T	8.2	De Rosa / Ward-Duong	"		"	Milone	UAO-S10 / UAO-S11
11 "	W	9.1	Ward-Duong	"		"	"	UAO-S11
12 "	Th	10.1	Guyon	nICWFS		"	"	UAO-S105
13 "	F	11.0	Teske	MAESTRO		f/5	"	UAO-S14
14 "	S	12.0	"	"		"	"	"
15 "	S	12.9	"	"		"	"	"
16 "	M	13.9	"	"		"	"	"
17 "	T	-13.2	TBS	Hectochelle	Berlind	"	Gottilla	TBS
18 "	W	-12.2	TBS	"	"	"	"	TBS
19 "	Th	-11.3	Liu	Hectospec	"	"	"	UAO-G100
20 "	F	-10.3	Apai	"	"	"	"	UAO-S6
21 "	S	-9.4	TBS	Blue Channel		f/9	"	TBS
22 "	S	-8.4	Berger / Yang	"		"	"	SAO-7 / UAO-G97
23 "	M	-7.5	Berger	"		"	"	SAO-7
24 "	T	-6.5	Closed				Martin	Closed
25 "	W	-5.6	Berger	Blue Channel		f/9	"	SAO-7
26 "	Th	-4.6	"	"		"	"	"
27 "	F	-3.7	"	"		"	"	"
28 "	S	-2.7	Smith	"		"	"	UAO-S33
29 "	S	-1.8	Milne	"		"	"	UAO-S44
30 "	M	-0.9	"	"		"	"	"
31 "	T	0.1	Bian	"		"	Milone	UAO-S8

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