

**MMT Observing Schedule
September 2016**

<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 (9.4)	Th	0.0	Shutdown					
2 (9.5)	F	0.9	"					
3 "	S	1.9	"					
4 "	S	2.8	"					
5 (9.6)	M	3.8	"					
6 "	T	4.7	"					
7 "	W	5.7	"					
8 (9.7)	Th	6.6	"					
9 "	F	7.6	"					
10 "	S	8.5	"					
11 (9.8)	S	9.5	"					
12 "	M	10.4	"					
13 "	T	11.4	"					
14 (9.9)	W	12.3	"					
15 "	Th	13.3	"					
16 "	F	-13.8	"					
17 (10.0)	S	-12.8	"					
18 "	S	-11.9	"					
19 "	M	-10.9	"					
20 (10.1)	T	-10.0	"					
21 "	W	-9.1	"					
22 "	Th	-8.1	"					
23 (10.2)	F	-7.2	"					
24 "	S	-6.2	"					
25 "	S	-5.3	"					
26 (10.3)	M	-4.3	"					
27 "	T	-3.4	Frye / Kim, Jae-Woo	Hectospec	Calkins / Ly	f/5	Martin	UAO-S108 / UAO-G2
28 "	W	-2.4	Kirshner	"	Berlind / Kattner	"	"	SAO-13
29 (10.4)	Th	-1.5	"	"	" / "	"	"	"
30 "	F	-0.5	"	"	" / "	"	"	"

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

Schedule may be subject to change.

September 2016

8/15/2016

**MMT Observing Schedule
October 2016**

<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 (10.4)	S	0.4	Kirshner / Benbow (0.01)	Hectospec	Berlind / Kattner	f/5	Martin	SAO-13 / SAO-24
2 (10.5)	S	1.4	Jiang, Linhua	"	Calkins / Kattner	"	"	UAO-G35
3 "	M	2.3	Eisenstein	"	" / "	"	"	SAO-2
4 "	T	3.3	Cheng, Cheng	"	" / "	"	Milone	UAO-G21
5 (10.6)	W	4.2	"	"	Calkins / Ly	"	"	"
6 "	Th	5.2	Schlawin / Cheng, C.	"	Berlind / Ly	"	"	UAO-S124 / UAO-G21
7 "	F	6.1	Lee, Myung Gyoon / Caldwell	"	" / "	"	"	UAO-G1 / SAO-5
8 (10.7)	S	7.1	Geller	"	" / "	"	"	SAO-4
9 "	S	8.0	Milisavljevic	"	" / "	"	"	SAO-20
10 "	M	9.0	M&E	"	Powell / Ly	f/15	"	ME
11 "	T	9.9	M&E / Ward-Duong	NGS/ARIES	" / "	"	Kunk	ME / UAO-S148
12 (10.8)	W	10.9	Ward-Duong	"	Kunk / Kattner	"	"	UAO-S148
13 "	Th	11.8	"	"	" / "	"	"	"
14 "	F	12.8	Crossfield	"	" / "	"	"	UAO-S131
15 (10.9)	S	13.7	"	"	" / "	"	"	"
16 "	S	-13.3	"	"	" / "	"	"	"
17 "	M	-12.4	Birkby	"	" / "	"	"	SAO-1
18 "	T	-11.5	"	"	Hinz / Kattner	"	Martin	"
19 (11.0)	W	-10.5	"	"	Alegria / Ly	"	"	"
20 "	Th	-9.6	"	"	Powell / Ly	"	"	"
21 "	F	-8.6	Shan	Hectochele	Berlind / Ly	f/5	"	SAO-12
22 (11.1)	S	-7.7	Fong / Shan	MMTCam/H'chelle	" / "	"	"	UAO-S182 / SAO-12
23 "	S	-6.7	Shan / Wolk	Hectochele	" / "	"	"	SAO-12 / SAO-14
24 "	M	-5.8	" / "	"	Calkins	"	"	" / "
25 "	T	-4.8	Caldwell	"	"	"	Milone	SAO-7
26 (11.2)	W	-3.9	"	"	"	"	"	"
27 "	Th	-2.9	Jeong, Hyunjin	Blue Channel	"	f/9	"	UAO-G102
28 "	F	-2.0	"	"	"	"	"	"
29 "	S	-1.0	Brown / Benbow (0.01)	"	"	"	"	SAO-3 / SAO-22
30 (11.3)	S	-0.1	Brown	"	"	"	"	SAO-3
31 "	M	0.9	Kirshner	"	"	"	"	SAO-6

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October 2016

10/11/2016

**MMT Observing Schedule
November 2016**

<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 (11.3)	T	1.8	Kirshner	Blue Channel		f/9	Kunk	SAO-6
2 (11.4)	W	2.8	Kim, Eunchong	SPOL		"	"	UAO-G3
3 "	Th	3.7	Zabludoff	"		"	"	UAO-S107
4 "	F	4.7	"	"		"	"	"
5 "	S	5.6	Williams	"		"	"	DIR
6 "	S	6.6	"	"		"	"	"
7 (11.5)	M	7.5	Smith	Blue Channel		"	"	UAO-S161
8 "	T	8.5	M&E	MMIRS	Ly	f/5	Martin	ME
9 "	W	9.4	Stark	"	Berlind / Kattner	"	"	UAO-S118
10 "	Th	10.4	"	"	Kattner	"	"	"
11 (11.6)	F	11.3	"	"	Calkins / Kattner	"	"	"
12 "	S	12.3	Milisavljevic	"	" / "	"	"	SAO-10
13 "	S	13.2	Raymond	"	Kattner	"	"	SAO-8
14 "	M	-13.9	Vickers	Hectochelle	Berlind / Kattner	"	"	UAO-G28
15 "	T	-12.9	Troup	"	Calkins/Kattner	"	Milone	UAO-G40
16 (11.7)	W	-12.0	"	"	Calkins/Ly	"	"	"
17 "	Th	-11.0	Troup / Shan	"	" / "	"	"	UAO-G40 / SAO-12
18 "	F	-10.1	SAO Hectochelle Queue	"	" / "	"	"	SAO-25
19 "	S	-9.1	SAO H'spec Queue / Fong	H'spec/MMTCam	" / "	"	"	SAO-26 / UAO-S182
20 (11.8)	S	-8.2	Fong / Schlawin	MMTCam/H'spec	" / "	"	"	UAO-S182 / UAO-S124
21 "	M	-7.2	Kim, S.	Hectospec	Berlind/Ly	"	"	UAO-S138
22 "	T	-6.3	Caldwell / Fong	H'spec/MMTCam	" / "	"	Kunk	SAO-5 / UAO-S181
23 "	W	-5.3	Neugent	Hectospec	Berlind / Kattner	"	"	UAO-S145
24 "	Th	-4.4	"	"	" / "	"	"	"
25 "	F	-3.4	Weiner	"	Calkins/Kattner	"	"	UAO-S111
26 "	S	-2.5	"	"	" / "	"	"	"
27 "	S	-1.5	Geller	"	" / "	"	"	SAO-4
28 (11.9)	M	-0.6	"	"	" / "	"	"	"
29 "	T	0.4	Kamble	MMTCam	Berlind/Kattner	"	Martin	SAO-11
30 "	W	1.3	Brown	Blue Channel		f/9	"	SAO-3

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November 2016

11/17/2016

**MMT Observing Schedule
December 2016**

<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 (11.9)	Th	2.3	Brown	Blue Channel		f/9	Martin	SAO-3
2 "	F	3.2	MacLeod / Milisavljevic	"		"	"	SAO-19 / SAO-17
3 "	S	4.2	" / "	"		"	"	" / "
4 "	S	5.1	MacLeod / Berger	"		"	"	SAO-19 / SAO-18
5 "	M	6.1	Berger	"		"	"	SAO-18
6 "	T	7.0	Fan / Hainline	Red Channel		"	Milone	UAO-S187 / UAO-S141
7 (12.0)	W	8.0	Mirror Wash				"	ME
8 "	Th	8.9	"				"	"
9 "	F	9.9	Smith	MMIRS	Berlind / Kattner	f/5	"	UAO-S161
10 "	S	10.8	Kenyon	"	" / "	"	"	SAO-9
11 "	S	11.7	"	"	" / "	"	"	"
12 "	M	12.7	"	"	Calkins / Kattner	"	"	"
13 "	T	13.6	Chilingarian	"	" / "	"	Kunk	SAO-15
14 "	W	-13.4	"	"	Chilingarian / Ly	"	"	"
15 "	Th	-12.5	"	"	" / "	"	"	"
16 "	F	-11.5	Milisavljevic	"	" / "	"	"	SAO-16
17 "	S	-10.6	Williams, C.	"	" / "	"	"	UAO-S115
18 "	S	-9.6	"	"	Berlind / Ly	"	"	"
19 "	M	-8.7	Kim, S.	"	" / "	"	"	UAO-S137
20 "	T	-7.7	"	"	" / "	"	Martin	"
21 "	W	-6.8	Smith	Blue Channel		f/9	"	DIR
22 "	Th	-5.8	Lee, Young-Wook	"		"	"	UAO-G101
23 "	F	-4.9	"	"		"	"	"
24 "	S	-3.9	Closed	"		"		Closed
25 "	S	-3.0	Lee, Young-Wook	Blue Channel		"	Martin	UAO-G101
26 "	M	-2.0	"	"		"	"	"
27 "	T	-1.1	"	"		"	Milone	"
28 "	W	-0.1	Berger / Grindlay	"		"	"	SAO-18 / SAO-23
29 "	Th	0.8	Brown	"		"	"	SAO-3
30 "	F	1.8	Senchyna	"		"	"	UAO-S167
31 "	S	2.7	"	"		"	"	"

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December 2016

12/5/2016