MMT Observing Schedule August 2014

ate*		<u>Day</u>	<u>Moon</u>	<u>Observer</u>	<u>Instrument</u>	Assistant	<u>Secondary</u>	Operator	Program
1	(8.4)	F	5.8	Shutdown					
2	"	S	6.7	II					
3	(8.5)	S	7.7	"					
4	"	М	8.6	II					
5	"	Т	9.6	II					
6	"	W	10.5	II					
7	(8.6)	Th	11.5	II					
8	"	F	12.4	H					
9	"	S	13.4	II					
10	"	S	-13.7	II					
11	(8.7)	М	-12.7	II					
12	"	Т	-11.8	II					
13	"	W	-10.8	II					
14	(8.8)	Th	-9.9	II					
15	"	F	-8.9	"					
16	"	S	-8.0	II					
17	(8.9)	S	-7.0	II					
18	"	Μ	-6.1	"					
19	"	Т	-5.1	Brown	Blue Channel		f/9	Milone	SAO-2
20	(9.0)	W	-4.2	II	"		n	"	"
21	"	Th	-3.2	Olszewski	"		"	"	UAO-S36
22	"	F	-2.3	"	"		"	"	"
23	(9.1)	S	-1.3	Smith	"		II	"	UAO-S48
24	"	S	-0.4	"	"		"	"	UAO-S42
25	"	М	0.5	Kirshner	"		n	"	SAO-4
26	(9.2)	Т	1.5	Jiang	Red Channel		n	Gottilla	UAO-S29
27	"	W	2.4	"	"		n	"	"
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

MMT Observing Schedule September 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	(9.4)	М	7.2	Liss	MMTCam		f/5	Gottilla	UAO-G7
2	(9.5)	Т	8.1	"	"		"	Martin	"
3	"	W	9.1	"	"		"	"	II.
4	"	Th	10.0	Geller	Hectospec		"	"	SAO-8
5	(9.6)	F	11.0	"	"		"	"	"
6	"	S	11.9	II	"		"	"	"
7	"	S	12.9	Meibom / SAO TBS	Hectochelle		"	"	SAO-12 / TBS
8	(9.7)	М	13.8	"/"	"		"	"	"
9	"	Т	-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	"	М	-7.5	"/"	"		"	"	"/"
16	"	Т	-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	"	М	-0.9	Drout	"		"	"	SAO-11
23	(10.2)	Т	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	II	"		"	"	"
27	"	S	3.8	II	"		"	"	"
28	"	S	4.8	"	"		"	"	"
29	(10.4)	М	5.7	Geller	"		"	"	SAO-8
30	"	Т	6.7	"	"		"	Milone	II.

MMT Observing Schedule October 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 (10	0.4)	W	7.6	Geller	Hectospec		f/5	Milone	SAO-8
2 (10	0.5)	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	0.6)	S	11.4	"/"	u.		"	n	"/"
6	"	М	12.4	De Rosa / Ward-Duong	u.		"	n	UAO-S38 / UAO-S39
7	"	Т	13.3	De Rosa / McCarthy	"		"	Gottilla	UAO-S38 / UAO-S30
8 (10	0.7)	W	-13.7	"/"	"		"	"	"/"
9	"	Th	-12.8	Dupree	"		H	I	SAO-10
10	"	F	-11.8	"	"		"	"	II
11	"	S	-10.9	"	"		"	"	"
12 (10	0.8)	S	-9.9	"	"		"	"	"
13	"	М	-9.0	"	"		"	"	II
14	"	Т	-8.0	M&E / Smith	Blue Channel		f/9	Martin	ME / UAO-S48
15 (10	0.9)	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	"	"		"	"	II
19 (1 ⁻	1.0)	S	-3.3	"	"		"	"	II
20	"	М	-2.4	"	"		"	"	II
21	"	Т	-1.4	Stark	"		"	Milone	UAO-S45
22 (1 ⁻	1.1)	W	-0.5	"	"		"	"	II
23	"	Th	0.5	Kirshner	"		"	"	SAO-4
24	"	F	1.4	McGreer	"		"	"	UAO-S37
25	"	S	2.4	"	"		"	"	"
26 (1	1.2)	S	3.3	"	I		"	"	"
27	"	М	4.3	Scarlata	"		"	"	UAO-G5
28	"	Т	5.2	"	"		"	Gottilla	II
29	"	W	6.2	"	"		"	"	II
30 (1	1.3)	Th	7.1	Smith	"		"	"	UAO-S48
	"	F	8.1	Parent / Kirshner	"		"	"	SAO-15 / SAO-4

MMT Observing Schedule November 2014

1 (11.3) S 9.0 Rajan Pisces (f)9 Gottilla UAO-S41 2 (11.4) S 10.0 " UAO-S39 / UAO-S40 " " " UAO-S30 " " " " " " UAO-S31 " " " <t< th=""><th><u>Date*</u></th><th><u>Day</u></th><th><u>Moon</u></th><th><u>Observer</u></th><th><u>Instrument</u></th><th>Assistant</th><th><u>Secondary</u></th><th><u>Operator</u></th><th><u>Program</u></th></t<>	<u>Date*</u>	<u>Day</u>	<u>Moon</u>	<u>Observer</u>	<u>Instrument</u>	Assistant	<u>Secondary</u>	<u>Operator</u>	<u>Program</u>
2 (1.4) S 10.0 3 * M 10.9 " " " 4 * T 11.9 M&E (f15) Martin ME 5 * W 12.8 Ward-Duong/Ward-Duong ARIES " " UAO-S391/UAO-S40 6 * Th 13.8 " " " " " "/" 7 (11.5) F 13.3 " " " " " "/" 8 S -12.3 McCarthy " " " UAO-S30 9 * S -11.4 " " " " UAO-S30 10 * M -10.4 M&E ff/5 ME ME 11 (11.6) T -9.5 Geller Hectospec " MIone SAO-8 12 * W -8.5 Willmer " UAO-G3/UAO-G6 UAO-G3/UAO-G6 14 * F -6.6 Park <t< td=""><td>1 (11.3)</td><td>S</td><td>9.0</td><td>Rajan</td><td>Pisces</td><td></td><td>f/9</td><td>Gottilla</td><td>UAO-S41</td></t<>	1 (11.3)	S	9.0	Rajan	Pisces		f/9	Gottilla	UAO-S41
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 * * * * UAO-S30 9 * S -12.3 McCarthy * * * UAO-S30 10 * M -0.4 M&E f/5 * ME 11 (11.6) T -9.5 Geller Hectospec * * UAO-G3 / UAO-G4 12 * W -8.5 Willner * * UAO-G3 / UAO-G4 14 * F -6.6 Park	2 (11.4)	S	10.0	"	u.		"	"	u.
5 * W 12.8 Ward-Duong/Ward-Duong ARIES *	3 "	М	10.9	11	"		"	"	"
6 " Th 13.8 " UAO-S30 " " UAO-S35 " " " UAO-S35 " " " UAO-S35 " " " UAO-G3 / UAO-G6 " " " UAO-G3 / UAO-G6 " " " UAO-G4 " " UAO-G4 " " " UAO-G4 " " " " " UAO-G4 " "	4 "	Т	11.9	M&E			f/15	Martin	ME
7 (11.5) F -13.3 " " " " " " " " " " " UAO-S30 9 " S -11.4 " " " " " " 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-G37 / UAO-G6 14 " F -6.6 Park " " UAO-G37 / UAO-G6 14 " F -6.6 Park " " UAO-G37 / UAO-G4 15 " S -5.7 Berger MMTCam " " UAO-S31 16 (11.7) S -4.8 Cool Hectospec " " UAO-S41	5 "	W	12.8	Ward-Duong/Ward-Duong	ARIES		"	"	UAO-S39 / UAO-S40
8 * S -12.3 McCarthy * * * * UAO-S30 9 * S -11.4 *	6 "	Th	13.8	II	I		"	n	"/"
9 N -11.4 " UAO-G3 " " UAO-G3 UAO-G4 " " " UAO-G4 " " " UAO-G4 " " UAO-G4 " " UAO-G4 " " UAO-G3 UAO-G4 " " UAO-G3 " " " UAO-G3 " " " " " " " " " " " " " " " " " " "	7 (11.5)	F	-13.3	IJ	"		"	I	"/"
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 " " UAO-G4 16 (11.7) S -4.8 Cool Hectospec " " DIR 17 " M -3.8 Wong " " UAO-S31 18 " T -2.9 " " " UAO-S47 10 " " " " UAO-S47 " " " 18 " T -2.9 "<	8 "	S	-12.3	McCarthy	"		"	"	UAO-S30
Ind Ind Ind Ind Ind Ind Ind Ind 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-G3/ UAO-G6 14 " F -6.6 Park " " UAO-G3/ UAO-G6 15 " S -5.7 Berger MMTCam " " UAO-G4 15 " S -4.8 Cool Hectospec " " DIR 17 M -3.8 Wong " " UAO-S35 UAO-S47 19 W -1.9 Weiner " " Gottilla " " 20 (11.8) Th -1.0 " " " " " "	9 "	S	-11.4	"	"		"	II	"
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 " " UAO-G4 15 " S -5.7 Berger MMTCam " " UAO-G4 16 (11.7) S -4.8 Cool Hectospec " " DIR 17 " M -3.8 Wong " " UAO-S31 18 " T -2.9 " " " UAO-S47 20 (11.8) Th -1.0 " " " " " 21 " F 0.0 " " " " " 22 " S 0.9 Bezanson " " " " " 23 " S <td>10 "</td> <td>М</td> <td>-10.4</td> <td>M&E</td> <td></td> <td></td> <td>f/5</td> <td>"</td> <td>ME</td>	10 "	М	-10.4	M&E			f/5	"	ME
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 " " " UAO-S47 20 (11.8) Th -1.0 " " " UAO-S47 20 (11.8) Th -1.0 " " " " " 21 " F 0.0 " " " " " 22 " S 0.9 Bezanson " " " UAO-S44 23 " S 1.9 " " " " " 24 " <t< td=""><td>11 (11.6)</td><td>Т</td><td>-9.5</td><td>Geller</td><td>Hectospec</td><td></td><td>"</td><td>Milone</td><td>SAO-8</td></t<>	11 (11.6)	Т	-9.5	Geller	Hectospec		"	Milone	SAO-8
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 " " " UAO-S47 19 " W -1.9 Weiner " " " UAO-S47 20 (11.8) Th -1.0 " " " UAO-S47 21 " F 0.0 " " " " " 22 " S 0.9 Bezanson " " " UAO-S44 23 " S 1.9 " " " " " 24 " M 2.8 " " " " " 25 T 3.8	12 "	W	-8.5	Willmer	"		"	II	UAO-S35
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 " " " " " 24 " M 2.8 " " " " " " 25 " T 3.8 Massey " "	13 "	Th	-7.6	Park / Humphreys	"		"	"	UAO-G3 / UAO-G6
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 " " Gottilla " 20 (11.8) Th -1.0 " " " UAO-S47 20 (11.8) Th -1.0 " " " " " 21 " F 0.0 " " " " " 22 " S 0.9 Bezanson " " " " 23 " S 1.9 " " " " " 24 " M 2.8 " " " " " 25 " T 3.8 Massey " " Mattin UAO-S26 26 "	14 "	F	-6.6	Park	"		"	"	UAO-G4
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 " " " UAO-S47 20 (11.8) Th -1.0 " " " " 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 "	15 "	S	-5.7	Berger	MMTCam		"	"	SAO-9
18 T -2.9 " " Gottilla " 19 " W -1.9 Weiner " " UAO-S47 20 (11.8) Th -1.0 " " " " 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 " " " UAO-S26 / UAO-S35	16 (11.7)	S	-4.8		Hectospec		"	II	DIR
18 " T -2.9 " " Gottilla " 19 " W -1.9 Weiner " " " UAO-S47 20 (11.8) Th -1.0 " " " " " 21 " F 0.0 " " " " " 21 " F 0.0 " " " " " 22 " S 0.9 Bezanson " " " UAO-S44 23 " S 1.9 " " " " " 24 " M 2.8 " " " " " 25 " T 3.8 Massey " " " " " 26 " W 4.7 " " " " " 27 " Th 5.7 " " " UAO-S26/UAO-S35 29 " S	17 "	М	-3.8	Wong	"		"	II	UAO-S31
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 " " " " " 24 " M 2.8 " " " " " 25 " T 3.8 Massey " " " " " 26 " W 4.7<"	18 "	Т	-2.9		"		"	Gottilla	"
20 (11.6) 11 -1.0 21 " F 0.0 " " " " 22 " S 0.9 Bezanson " " UAO-S44 23 " S 1.9 " " " " 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 " " " " UAO-S26 / UAO-S35 28 (11.9) F 6.6 Massey / Willmer " " UAO-S26 / UAO-S35 29 " S 7.6 Caldwell Hectochelle " " SAO-7	19 "	W	-1.9	Weiner	I		"	n	UAO-S47
21 F 0.0 22 " S 0.9 Bezanson " " UAO-S44 23 " S 1.9 " " " UAO-S44 23 " S 1.9 " " " " " 24 " M 2.8 " " " " " 25 " T 3.8 Massey " " " " " 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	20 (11.8)	Th	-1.0	II	"		"	n	"
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	21 "	F	0.0	II	I		"	n	"
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	22 "	S	0.9	Bezanson	"		"	"	UAO-S44
25 " T 3.8 Massey " Martin UAO-S26 26 " W 4.7 " UAO-S26 / UAO-S35 " " " UAO-S26 / UAO-S35 " " SAO-7 " " SAO-7 " " " SAO-7 " " " " SAO-7 " " " " " " " " " " " " " "	23 "	S	1.9	11	"		"	"	"
26 W 4.7 " UAO-S26 / UAO-S35 Quadewidth " SAO-7 " " SAO-7 " " " SAO-7 "	24 "	М	2.8	II	"		"	n	"
27 " Th 5.7 " UAO-S26 / UAO-S35 " 29 " S 7.6 Caldwell Hectochelle " " SAO-7	25 "	Т	3.8	Massey	"		"	Martin	UAO-S26
27 11 5.7 28 (11.9) F 6.6 Massey / Willmer " UAO-S26 / UAO-S35 29 " S 7.6 Caldwell Hectochelle " " SAO-7	26 "	W	4.7	"	"		"	n	II
28 (11.9) F 6.6 Massey / Willmer 0A0-535 29 " S 7.6 Caldwell Hectochelle " " SAO-7	27 "	Th	5.7	II	II		"	n	II
	28 (11.9)	F	6.6	Massey / Willmer	II		"	n	UAO-S26 / UAO-S35
30 " S 8.5 " " " " " "	29 "	S	7.6	Caldwell	Hectochelle		"	"	SAO-7
	30 "	S	8.5	11	"		"	"	"

MMT Observing Schedule December 2014

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