

**MMT Observing Schedule
May 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 (8.7) | S | -4.6 | SAO Hectospec Queue | Hectospec | Calkins | f/5 | Milone | SAO-25 |
| 2 (8.6) | M | -3.7 | Geller | " | " | " | " | SAO-3 |
| 3 " | T | -2.7 | " | " | " | " | Kunk | " |
| 4 " | W | -1.8 | " | " | Berlind | " | " | " |
| 5 (8.5) | Th | -0.8 | " | " | " | " | " | " |
| 6 " | F | 0.1 | " | " | " | " | " | " |
| 7 " | S | 1.0 | Bezanson | " | " | " | " | UAO-S206 |
| 8 (8.4) | S | 2.0 | " | " | Calkins | " | " | " |
| 9 " | M | 2.9 | " | " | " | " | " | " |
| 10 " | T | 3.9 | Olszewski | Hectochelle | " | " | Martin | UAO-S155 |
| 11 " | W | 4.8 | " | " | " | " | " | " |
| 12 (8.3) | Th | 5.8 | " | " | Berlind | " | " | " |
| 13 " | F | 6.7 | " | " | " | " | " | " |
| 14 " | S | 7.7 | McGreer | Hectospec | " | " | " | UAO-S166 |
| 15 (8.2) | S | 8.6 | Smith | H'spec/MMTCam | " | " | " | UAO-S200 |
| 16 " | M | 9.6 | Hecto Queue | Hectospec | Calkins | " | " | DIR |
| 17 " | T | 10.5 | M&E | " | " | " | Milone | ME |
| 18 " | W | 11.5 | M&E | " | Powell | f/15 | " | ME |
| 19 (8.1) | Th | 12.4 | Jones | MMTPol | " | " | " | UAO-G43 |
| 20 " | F | 13.4 | " | " | " | " | " | " |
| 21 " | S | -13.7 | " | " | " | " | " | " |
| 22 " | S | -12.7 | M&E | NGS/ARIES | Powell | " | " | ME |
| 23 " | M | -11.8 | Ward-Duong | " | " | " | " | UAO-S183 |
| 24 (8.0) | T | -10.8 | Birkby | " | Kunk | " | Kunk | SAO-1 |
| 25 " | W | -9.9 | " | " | " | " | " | " |
| 26 " | Th | -8.9 | " | " | " | " | " | " |
| 27 (7.9) | F | -8.0 | Fan | Red Channel | " | f/9 | " | UAO-S159 |
| 28 " | S | -7.0 | " | " | " | " | " | " |
| 29 " | S | -6.1 | " | " | " | " | " | " |
| 30 " | M | -5.1 | Woodward | " | " | " | " | UAO-G44 |
| 31 " | T | -4.2 | " | " | " | " | Martin | " |

*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.

May 2016

4/27/2016

**MMT Observing Schedule
June 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 (7.9) | W | -3.2 | Andrews | Blue Channel | | f/9 | Martin | UAO-S103 |
| 2 " | Th | -2.3 | " | " | | " | " | " |
| 3 (7.8) | F | -1.4 | " | " | | " | " | " |
| 4 " | S | -0.4 | Grindlay / Benbow | " | | " | " | DIR / SAO-20 |
| 5 " | S | 0.5 | Milisavljevic / Berger | " | | " | " | SAO-14 / SAO-17 |
| 6 " | M | 1.5 | Kamble | MMTCam | Calkins | f/5 | " | SAO-9 |
| 7 " | T | 2.4 | Impey | Hectospec | " | " | Milone | UAO-S134 |
| 8 " | W | 3.4 | " | " | " | " | " | " |
| 9 " | Th | 4.3 | " | " | " | " | " | " |
| 10 " | F | 5.3 | Johnson, C.I. / Milisavljevic | Hectochelle | Berlind | " | " | SAO-8 / SAO-18 |
| 11 " | S | 6.2 | Johnson, C.I. | " | " | " | " | SAO-8 |
| 12 (7.7) | S | 7.2 | Shan / Johnson, C.I. | " | " | " | " | SAO-19 / SAO-8 |
| 13 " | M | 8.1 | Shan / Meiborn | " | " | " | " | SAO-19 / SAO-22 |
| 14 " | T | 9.1 | Alberts | MMIRS | Calkins | " | Kunk | UAO-S210 |
| 15 " | W | 10.0 | " | " | " | " | " | " |
| 16 " | Th | 11.0 | Zhou | " | " | " | " | SAO-4 |
| 17 " | F | 11.9 | " | " | " | " | " | " |
| 18 " | S | 12.9 | Chilingarian | " | Berlind | " | " | SAO-7 |
| 19 " | S | 13.8 | " | " | " | " | " | " |
| 20 " | M | -13.2 | " | " | " | " | " | " |
| 21 " | T | -12.3 | " | " | " | " | Martin | " |
| 22 " | W | -11.3 | Milisavljevic | " | Calkins | " | " | SAO-11 |
| 23 " | Th | -10.4 | " | " | " | " | " | " |
| 24 " | F | -9.4 | Rajan | " | " | " | " | UAO-S121 |
| 25 " | S | -8.5 | " | " | " | " | " | " |
| 26 " | S | -7.5 | " | " | Berlind | " | " | " |
| 27 " | M | -6.6 | Sohn / Benbow | Hectospec | " | " | " | SAO-16 / SAO-21 |
| 28 " | T | -5.6 | Sohn | " | " | " | Milone | SAO-16 |
| 29 " | W | -4.7 | Jones, C. | " | " | " | " | SAO-6 |
| 30 " | Th | -3.8 | Eisenstein | " | Calkins | " | " | SAO-2 |

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June 2016

4/27/2016

**MMT Observing Schedule
July 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 (7.8) | F | -2.8 | Rubin | Blue Channel | | f/9 | Milone | SAO-15 |
| 2 " | S | -1.9 | " | " | | " | " | " |
| 3 " | S | -0.9 | Brown | " | | " | " | SAO-10 |
| 4 " | M | 0.0 | " | " | | " | " | " |
| 5 " | T | 1.0 | Kim, E. | SPOL | | " | Kunk | UAO-G110 |
| 6 " | W | 1.9 | Zabludoff | " | | " | " | UAO-S122 |
| 7 " | Th | 2.9 | Williams | " | | " | " | DIR |
| 8 " | F | 3.8 | Smith | Blue Channel | | " | " | UAO-S200 |
| 9 (7.9) | S | 4.8 | Milisavljevic / Berger | " | | " | " | SAO-14 / SAO-17 |
| 10 " | S | 5.7 | Milisavljevic/Berger/Smith,H.(1.0) | " | | " | " | SAO-14/SAO-17/SAO-13 |
| 11 " | M | 6.7 | Williams, P.K.G. | Red Channel | | " | " | SAO-12 |
| 12 " | T | 7.6 | Shutdown | | | | | |
| 13 " | W | 8.6 | " | | | | | |
| 14 (8.0) | Th | 9.5 | " | | | | | |
| 15 " | F | 10.5 | " | | | | | |
| 16 " | S | 11.4 | " | | | | | |
| 17 " | S | 12.4 | " | | | | | |
| 18 " | M | 13.3 | " | | | | | |
| 19 (8.1) | T | -13.7 | " | | | | | |
| 20 " | W | -12.8 | " | | | | | |
| 21 " | Th | -11.8 | " | | | | | |
| 22 " | F | -10.9 | " | | | | | |
| 23 (8.2) | S | -9.9 | " | | | | | |
| 24 " | S | -9.0 | " | | | | | |
| 25 " | M | -8.0 | " | | | | | |
| 26 " | T | -7.1 | " | | | | | |
| 27 (8.3) | W | -6.1 | " | | | | | |
| 28 " | Th | -5.2 | " | | | | | |
| 29 " | F | -4.3 | " | | | | | |
| 30 (8.4) | S | -3.3 | " | | | | | |
| 31 " | S | -2.4 | " | | | | | |

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July 2016

3/29/2016

MMT Observing Schedule
August 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 (8.4) | M | -1.4 | Shutdown | | | | | |
| 2 " | T | -0.5 | " | | | | | |
| 3 (8.5) | W | 0.5 | " | | | | | |
| 4 " | Th | 1.4 | " | | | | | |
| 5 " | F | 2.4 | " | | | | | |
| 6 " | S | 3.3 | " | | | | | |
| 7 (8.6) | S | 4.3 | " | | | | | |
| 8 " | M | 5.2 | " | | | | | |
| 9 " | T | 6.2 | " | | | | | |
| 10 " | W | 7.1 | " | | | | | |
| 11 (8.7) | Th | 8.1 | " | | | | | |
| 12 " | F | 9.0 | " | | | | | |
| 13 " | S | 10.0 | " | | | | | |
| 14 (8.8) | S | 10.9 | " | | | | | |
| 15 " | M | 11.9 | " | | | | | |
| 16 " | T | 12.8 | " | | | | | |
| 17 (8.9) | W | 13.8 | " | | | | | |
| 18 " | Th | -13.3 | " | | | | | |
| 19 " | F | -12.3 | " | | | | | |
| 20 (9.0) | S | -11.4 | " | | | | | |
| 21 " | S | -10.4 | " | | | | | |
| 22 " | M | -9.5 | " | | | | | |
| 23 (9.1) | T | -8.5 | " | | | | | |
| 24 " | W | -7.6 | " | | | | | |
| 25 " | Th | -6.7 | " | | | | | |
| 26 (9.2) | F | -5.7 | " | | | | | |
| 27 " | S | -4.8 | " | | | | | |
| 28 (9.3) | S | -3.8 | " | | | | | |
| 29 " | M | -2.9 | " | | | | | |
| 30 (9.4) | T | -1.9 | " | | | | | |
| 31 " | W | -1.0 | " | | | | | |

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August 2016

3/28/2016