MMT Observing Schedule January 2011

| Date* | | <u>Day</u> | <u>Moon</u> | <u>Observer</u> | <u>Instrument</u> | Hecto Assistant | <u>Secondary</u> | <u>Operator</u> | <u>Program</u> |
|-------|--------|------------|-------------|----------------------------|-------------------|-----------------|------------------|-----------------|-------------------------|
| 1 | (12.0) | S | -2.0 | Williams | Blue Channel | | f/9 | McAfee | DIR |
| 2 | " | S | -1.0 | McGreer | Red Channel | | " | " | UAO-S65 |
| 3 | " | М | -0.1 | II | " | | " | " | " |
| 4 | (11.9) | T | 0.9 | Bian / Xu | II . | | " | Milone | UAO-XB1 / UAO-S6 |
| 5 | " | W | 1.8 | " / " | II . | | " | " | " / " |
| 6 | " | Th | 2.8 | " / " | " | | " | " | " / " |
| 7 | " | F | 3.7 | Berger | Blue Channel | | " | " | SAO-14 |
| 8 | " | S | 4.7 | II . | " | | " | " | II . |
| 9 | " | S | 5.6 | Sand | " | | " | " | SAO-12 |
| 10 | " | М | 6.6 | Abell | Red Channel | | " | " | PA-10B-0607 |
| 11 | " | T | 7.5 | Smith | Blue Channel | | " | DiMiceli | UAO-S3 |
| 12 | (11.8) | W | 8.5 | Green, E. | " | | " | " | UAO-S20 |
| 13 | " | Th | 9.4 | Smith | " | | " | " | UAO-S3 |
| 14 | " | F | 10.3 | Farihi | Blue / Echellette | | II | " | PA-10B-0017 |
| 15 | " | S | 11.3 | M&E | Blue/Red Channel | | " | " | M&E |
| 16 | " | S | 12.2 | Milne | Pisces | | " | " | UAO-XB4 |
| 17 | " | М | 13.2 | II | II . | | " | " | II |
| 18 | (11.7) | T | -13.9 | II | II . | | " | McAfee | II |
| 19 | " | W | -12.9 | M&E | Hectochelle | Calkins | f/5 | " | M&E |
| 20 | " | Th | -12.0 | Maderak / Maderak | " | " | " | " | PA-11A-0276/PA-10B-0486 |
| 21 | " | F | -11.0 | Caldwell | " | " | " | " | SAO-21 |
| 22 | " | S | -10.1 | Geller | Hectospec | " | " | " | SAO-1 |
| 23 | (11.6) | S | -9.1 | II | II . | Berlind | " | " | 11 |
| 24 | " | М | -8.2 | Kim / Pereira | II . | " | " | " | UAO-S14 / UAO-S7 |
| 25 | " | T | -7.2 | Pereira | " | " | " | Milone | UAO-S7 |
| 26 | " | W | -6.3 | II | " | " | " | " | " |
| 27 | " | Th | -5.3 | II . | " | Calkins | " | " | " |
| 28 | (11.5) | F | -4.4 | Cummings | Hectochelle | " | " | " | PA-11A-0366 |
| 29 | " | S | -3.4 | Cummings / Walker & Lunnan | " | " | " | II | PA-11A-0366 / SAO-9 & 6 |
| 30 | " | S | -2.5 | Walker | II | " | " | II | SAO-9 |
| 31 | " | М | -1.5 | II | " | Berlind | 11 | " | II . |

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

MMT Observing Schedule February 2011

| Date* | <u>Day</u> | <u>Moon</u> | <u>Observer</u> | <u>Instrument</u> | Hecto Assistant | <u>Secondary</u> | Operator | <u>Program</u> |
|-----------|------------|-------------|--------------------|-------------------|-----------------|------------------|-----------------|-----------------|
| 1 (11.5) | T | -0.6 | Walker | Hectochelle | Berlind | f/5 | DiMiceli | SAO-9 |
| 2 (11.4) | W | 0.4 | Olszewski | II | " | II | " | UAO-S13 |
| 3 " | Th | 1.3 | II | " | " | II | " | II |
| 4 " | F | 2.3 | Lunnan | " | Calkins | II | " | SAO-6 |
| 5 " | S | 3.2 | II | " | " | II | " | II |
| 6 (11.3) | S | 4.2 | II | " | " | II | " | II |
| 7 " | М | 5.1 | Green, P. | Hectospec | " | " | " | SAO-10 |
| 8 " | T | 6.1 | Green, P. / Hickox | " | Berlind | " | McAfee | SAO-10 / SAO-15 |
| 9 " | W | 7.0 | Ford | " | II | " | " | UAO-S16 |
| 10 " | Th | 7.9 | II . | " | " | II | " | II . |
| 11 (11.2) | F | 8.9 | Geller | " | " | II | " | SAO-1 |
| 12 " | S | 9.8 | II | " | Calkins | II | " | II . |
| 13 " | S | 10.8 | " | " | " | " | " | " |
| 14 " | М | 11.7 | Fan | SWIRC | | II | II. | UAO-XB2 |
| 15 (11.1) | T | 12.7 | II . | " | | " | Milone | II . |
| 16 " | W | 13.6 | II . | " | | " | " | II . |
| 17 " | Th | -13.4 | Sand | " | | II . | " | SAO-22 |
| 18 (11.0) | F | -12.5 | II | " | | II | " | II |
| 19 " | S | -11.5 | Fan | Red Channel | | f/9 | " | UAO-S19 |
| 20 " | S | -10.6 | " | II | | " | " | II |
| 21 (10.9) | М | -9.6 | Berger | Blue Channel | | " | " | SAO-14 |
| 22 " | T | -8.7 | II . | II | | II . | Gottilla | II |
| 23 " | W | -7.7 | II | " | | " | " | II |
| 24 " | Th | -6.8 | Xu | Red Channel | | " | " | UAO-S6 |
| 25 (10.8) | F | -5.8 | 11 | " | | II | " | II |
| 26 " | S | -4.9 | Brown | Blue Channel | | II | " | SAO-3 |
| 27 " | S | -3.9 | II . | II | | II . | " | II |
| 28 (10.7) | М | -3.0 | II . | II | | " | " | II |

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

MMT Observing Schedule March 2011

| <u>Date*</u> | <u>Day</u> | <u>Moon</u> | <u>Observer</u> | <u>Instrument</u> | Hecto Assistant | <u>Secondary</u> | <u>Operator</u> | <u>Program</u> |
|--------------|------------|-------------|-----------------|-------------------|-----------------|------------------|-----------------|----------------|
| 1 (10.7) | Т | -2.0 | Brown | Blue Channel | | f/9 | Milone | SAO-3 |
| 2 " | W | -1.1 | " | " | | " | " | II |
| 3 " | Th | -0.1 | Thuan | II. | | " | " | UAO-G24 |
| 4 (10.6) | F | 0.8 | II | " | | " | " | II |
| 5 " | S | 1.8 | Dave | " | | " | " | UAO-S21 |
| 6 " | S | 2.7 | II | " | | " | " | II |
| 7 " | М | 3.7 | Jiang | Red Channel | | " | " | UAO-S12 |
| 8 " | T | 4.6 | II | " | | " | McAfee | II |
| 9 " | W | 5.6 | II | " | | " | " | II |
| 10 (10.4) | Th | 6.5 | Risaliti | " | | " | " | SAO-8 |
| 11 " | F | 7.4 | II | " | | " | " | II . |
| 12 " | S | 8.4 | Fan | " | | " | " | UAO-XB2 |
| 13 (10.3) | S | 9.3 | II | " | | " | " | II . |
| 14 " | М | 10.3 | M&E | NGS | | f/15 | " | M&E |
| 15 " | T | 11.2 | II | " | | " | Gottilla | II . |
| 16 (10.2) | W | 12.2 | II | " | | " | " | II . |
| 17 " | Th | 13.1 | Skemer / Knox | NGS/CLIO | | " | " | UAO |
| 18 " | F | -13.9 | II . | " | | " | " | " |
| 19 (10.1) | S | -13.0 | Bailey / Knox | " | | " | " | II . |
| 20 " | S | -12.0 | " | " | | " | " | " |
| 21 " | М | -11.1 | Bean | SWIRC | | f/5 | " | SAO-19 |
| 22 (10.0) | T | -10.1 | Kilic | " | | " | McAfee | SAO-23 |
| 23 " | W | -9.2 | II | " | | " | II . | II . |
| 24 " | Th | -8.2 | McLinden | Hectospec | Calkins | " | II . | UAO-S18 |
| 25 (9.9) | F | -7.3 | II | II | II . | " | II . | II . |
| 26 " | S | -6.3 | Geller | II . | II | " | " | SAO-1 |
| 27 " | S | -5.4 | II | II . | II . | II . | II . | II . |
| 28 (9.8) | М | -4.4 | II | II . | Berlind | " | II . | II . |
| 29 " | T | -3.5 | II | II . | II . | " | Milone | II . |
| 30 " | W | -2.5 | Ammons | II | II . | II . | II . | UAO-S4 |
| 31 (9.7) | Th | -1.6 | II . | II . | II | II | II . | II |

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

MMT Observing Schedule April 2011

| Date* | | <u>Day</u> | <u>Moon</u> | <u>Observer</u> | <u>Instrument</u> | Hecto Assistant | <u>Secondary</u> | <u>Operator</u> | <u>Program</u> |
|-------|-------|------------|-------------|------------------|-------------------|-----------------|------------------|-----------------|-----------------|
| 1 | (9.7) | F | -0.6 | Strader | Hectospec | Calkins | f/5 | Milone | SAO-5 |
| 2 | " | S | 0.3 | " | " | " | " | " | SAO-11 |
| 3 | (9.6) | S | 1.3 | Nulsen | " | " | " | " | SAO-7 |
| 4 | " | М | 2.2 | II | " | " | " | " | II . |
| 5 | (9.5) | T | 3.2 | Willner | " | Berlind | " | Gottilla | SAO-13 |
| 6 | " | W | 4.1 | Willner / Berger | " | " | " | " | SAO-13 / SAO-14 |
| 7 | " | Th | 5.0 | Hastie | Hectochelle | II | " | " | DIR |
| 8 | (9.4) | F | 6.0 | II | " | II | " | " | " |
| 9 | " | S | 6.9 | Saar / Meibom | " | Calkins | " | " | SAO-16 / SAO-17 |
| 10 | " | S | 7.9 | Meibom | " | " | " | " | SAO-18 |
| 11 | (9.3) | М | 8.8 | M&E | LGS | | f/15 | " | M&E |
| 12 | " | T | 9.8 | M&E / Williams | NGS/BLINC/MIRAC | | " | McAfee | M&E / DIR |
| 13 | " | W | 10.7 | " / " | " | | " | " | " / " |
| 14 | (9.2) | Th | 11.7 | Stock | " | | " | " | UAO-S1 |
| 15 | " | F | 12.6 | Murray-Clay | NGS/CLIO | | " | " | SAO-2 |
| 16 | " | S | 13.6 | II | " | | " | " | " |
| 17 | (9.1) | S | -13.5 | II | " | | " | " | II . |
| 18 | " | М | -12.5 | II | " | | " | " | " |
| 19 | " | T | -11.6 | Rodigas | " | | " | Milone | UAO-S10 |
| 20 | (9.0) | W | -10.6 | " | " | | " | " | II . |
| 21 | " | Th | -9.7 | Bailey | " | | " | " | UAO-S5 |
| 22 | " | F | -8.7 | Kilic | Blue Channel | | f/9 | " | SAO-4 |
| 23 | (8.9) | S | -7.8 | " | " | | " | " | 11 |
| 24 | " | S | -6.8 | " | " | | " | " | 11 |
| 25 | " | М | -5.9 | Tegler | Red Channel | | " | " | UAO-S22 |
| 26 | (8.8) | T | -4.9 | II | " | | II . | Gottilla | " |
| 27 | II. | W | -4.0 | Dave | Blue Channel | | " | " | UAO-S21 |
| 28 | " | Th | -3.0 | Bian | " | | " | " | UAO-S15 |
| 29 | (8.7) | F | -2.1 | II | " | | " | " | II . |
| 30 | ıı | S | -1.1 | II | 11 | | 11 | II | 11 |

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