| Semester 2016B | July | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LMST 0h HST | 18 21 | 18 25 | 18 29 | 18 33 | 18 37 | 18 41 | 18 45 | 18 49 | 18 53 | 18 57 | 19 01 | 19 04 | 19 08 | 19 12 | 19 16 | 19 20 | 19 24 | 19 28 | 19 32 | 19 36 | 19 40 | 19 44 | 19 48 | 19 52 | 19 56 | 20 00 | 20 04 | 20 08 | 20 12 | 20 15 | 20 19 |
| Moon % Illum. | 5 | 1 | 0 | 1 | 5 | 11 | 18 | 27 | 36 | 45 | 55 | 64 | 73 | 81 | 88 | 94 | 98 | 100 | 100 | 97 | 93 | 86 | 77 | 66 | 55 | 44 | 33 | 22 | 14 | 7 | 2 |
| | | | NM | | | | | | | | 55 | 64 | 73 | 81 | 88 | 94 | 98 | PL | PL | 97 | 93 | 86 | 77 | 66 | 55 | | | | | | |
| Day | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| Date | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Upper End Instrument | M | M | M | M | M | M | M | S | S | S | S | S | W | W | W | W | W | W | W | W | W | W | W | W | W | M | M | M | M | M | M |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 1 | 2 | 3 | 4 | 5 | 6 |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support Astro. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIC | | | | | | | | KW | | | | | JT | | | | | | | | | | | | | WJ | | | | | |
| STIC | | | | | | | | JT | | | | | | | | | | | | | | | | | | | | | | | |
| Day Crew | | | | Independence Day | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Day | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| Date | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| Semester 2016B | August | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LMST 0h HST | 20 23 | 20 27 | 20 31 | 20 35 | 20 39 | 20 43 | 20 47 | 20 51 | 20 55 | 20 59 | 21 03 | 21 07 | 21 11 | 21 15 | 21 19 | 21 22 | 21 26 | 21 30 | 21 34 | 21 38 | 21 42 | 21 46 | 21 50 | 21 54 | 21 58 | 22 02 | 22 06 | 22 10 | 22 14 | 22 18 | 22 22 |
| Moon % Illum. | 0 | 0 | 3 | 7 | 14 | 21 | 29 | 38 | 48 | 57 | 66 | 75 | 83 | 90 | 96 | 99 | 100 | 98 | 94 | 88 | 79 | 69 | 58 | 46 | 35 | 25 | 16 | 9 | 4 | 1 | 0 |
| | NM | NM | | | | | | | | 57 | 66 | 75 | 83 | 90 | 96 | 99 | PL | 98 | 94 | 88 | 79 | 69 | 58 | | | | | | | | NM |
| Day | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed |
| Date | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Upper End Instrument | M | M | M | M | M | M | M | M | E | E | E | E | E | E | E | E | E | W | W | W | W | W | W | S | S | S | S | S | S | S | S |
| | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support Astro. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Day Crew | | | | | | | | | | | | | | | | | | | Statehood day | | | | | | | | | | | | |
| Day | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed |
| Date | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| Semester 2016B | September | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **LMST 0h HST** | 22 26 | 22 29 | 22 33 | 22 37 | 22 41 | 22 45 | 22 49 | 22 53 | 22 57 | 23 01 | 23 05 | 23 09 | 23 13 | 23 17 | 23 21 | 23 25 | 23 29 | 23 33 | 23 37 | 23 40 | 23 44 | 23 48 | 23 52 | 23 56 | 00 00 | 00 04 | 00 08 | 00 12 | 00 16 | 00 20 |
| **Moon % Illum.** | 1 | 4 | 9 | 16 | 23 | 32 | 41 | 50 | 60 | 69 | 78 | 86 | 93 | 98 | 100 | 99 | 96 | 90 | 81 | 71 | 60 | 49 | 38 | 28 | 19 | 12 | 6 | 2 | 0 | 0 |
| | | | | | | | | | 60 | 69 | 78 | 86 | 93 | 98 | PL | 99 | 96 | 90 | 81 | 71 | 60 | | | | | | | | NM | NM |
| **Day** | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| **Upper End Instrument** | M | M | M | M | M | M | M | W | W | W | W | W | E | E | E | E | E | E | E | E | E | M | M | M | M | M | M | M | M | M |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| **Remarks** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Support Astro.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **STIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day Crew** | | | | | Labor day | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day** | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

| Semester 2016B | October | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **LMST 0h HST** | 00 24 | 00 28 | 00 32 | 00 36 | 00 40 | 00 44 | 00 47 | 00 51 | 00 55 | 00 59 | 01 03 | 01 07 | 01 11 | 01 15 | 01 19 | 01 23 | 01 27 | 01 31 | 01 35 | 01 39 | 01 43 | 01 47 | 01 51 | 01 55 | 01 58 | 02 02 | 02 06 | 02 10 | 02 14 | 02 18 | 02 22 |
| **Moon % Illum.** | 2 | 6 | 11 | 17 | 25 | 34 | 43 | 53 | 63 | 73 | 82 | 90 | 96 | 99 | 100 | 97 | 92 | 84 | 75 | 64 | 53 | 43 | 33 | 24 | 16 | 9 | 4 | 1 | 0 | 1 | 3 |
| | | | | | | | | 53 | 63 | 73 | 82 | 90 | 96 | 99 | PL | 97 | 92 | 84 | 75 | 64 | 53 | | | | | | | | NM | | |
| **Day** | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| **Upper End Instrument** | M | M | M | M | M | M | M | M | M | M | E | E | E | E | E | E | E | E | E | E | E | M | M | M | M | M | M | M | M | M | M |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **Remarks** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Support Astro.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **STIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day Crew** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day** | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| Semester 2016B | November | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **LMST 0h HST** | 02 26 | 02 30 | 02 34 | 02 38 | 02 42 | 02 46 | 02 50 | 02 54 | 02 58 | 03 02 | 03 05 | 03 09 | 03 13 | 03 17 | 03 21 | 03 25 | 03 29 | 03 33 | 03 37 | 03 41 | 03 45 | 03 49 | 03 53 | 03 57 | 04 01 | 04 05 | 04 09 | 04 13 | 04 16 | 04 20 |
| **Moon % Illum.** | 7 | 12 | 19 | 27 | 37 | 47 | 57 | 68 | 78 | 86 | 94 | 98 | 100 | 99 | 95 | 88 | 79 | 69 | 59 | 49 | 39 | 29 | 21 | 14 | 8 | 4 | 1 | 0 | 1 | 4 |
| | | | | | | | 57 | 68 | 78 | 86 | 94 | 98 | **PL** | 99 | 95 | 88 | 79 | 69 | 59 | | | | | | | | | NM | | |
| **Day** | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| **Upper End Instrument** | **M** | **M** | **M** | **M** | **M** | **M** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **W** | **S** | **S** | **S** | **S** | **S** | **S** | **S** | **M** | **M** |
| | 12 | 13 | 14 | 15 | 16 | 17 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
| **Remarks** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Support Astro.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **STIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day Crew** | | | | | | | | Election day | | | Veterants day | | | | | | | | | | | | | Thanksgiving | | | | | |
| **Day** | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

| Semester 2016B | December | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **LMST 0h HST** | 04 24 | 04 28 | 04 32 | 04 36 | 04 40 | 04 44 | 04 48 | 04 52 | 04 56 | 05 00 | 05 04 | 05 08 | 05 12 | 05 16 | 05 20 | 05 23 | 05 27 | 05 31 | 05 35 | 05 39 | 05 43 | 05 47 | 05 51 | 05 55 | 05 59 | 06 03 | 06 07 | 06 11 | 06 15 | 06 19 | 06 23 |
| **Moon % Illum.** | 8 | 14 | 22 | 31 | 41 | 52 | 63 | 73 | 83 | 91 | 97 | 100 | 100 | 97 | 91 | 84 | 75 | 66 | 56 | 46 | 36 | 28 | 20 | 13 | 7 | 3 | 1 | 0 | 1 | 5 | 10 |
| | | | | | | 52 | 63 | 73 | 83 | 91 | 97 | **PL** | **PL** | 97 | 91 | 84 | 75 | 66 | 56 | | | | | | | | | NM | | | |
| **Day** | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| **Upper End Instrument** | **M** | **M** | **M** | **M** | **M** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| | 3 | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| **Remarks** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Support Astro.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **STIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day Crew** | | | | | | | | | | | | | | | | | | | | | | | | | Christmas | | | | | | |
| **Day** | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| Semester 2016B | January | | | | | | | | | | | | | | | | | | | | | | | January | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LMST 0h HST** | 06 27 | 06 30 | 06 34 | 06 38 | 06 42 | 06 46 | 06 50 | 06 54 | 06 58 | 07 02 | 07 06 | 07 10 | 07 14 | 07 18 | 07 22 | 07 26 | 07 30 | 07 34 | 07 38 | 07 41 | 07 45 | 07 49 | 07 53 | 07 57 | 08 01 | 08 05 | 08 09 | 08 13 | 08 17 | 08 21 | 08 25 |
| **Moon % Illum.** | 17 | 26 | 36 | 47 | 58 | 69 | 79 | 88 | 95 | 99 | 100 | 99 | 95 | 89 | 81 | 73 | 64 | 54 | 45 | 35 | 27 | 19 | 12 | 6 | 2 | 0 | 0 | 2 | 7 | 13 | 22 |
| | | | | | 58 | 69 | 79 | 88 | 95 | 99 | **PL** | 99 | 95 | 89 | 81 | 73 | 64 | 54 | | | | | | | | NM | NM | | | | |
| **Day** | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| **Upper End Instrument** | **M** | **M** | **M** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **E** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| | 11 | 12 | 13 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **Remarks** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Support Astro.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **STIC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day Crew** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Day** | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue |
| **Date** | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |