

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|-----------|-------------|-----|--------|-----------------|----------------|-----|--------------|
| Aug. 1 Th | 18:25 18:55 | G | | --- | facility open | | |
| | 18:55 19:55 | G | X | 018 Orton | SpeX | SJB | |
| | 19:55 20:25 | G | X | 049 Rathbun | SpeX | SJB | Service Obs. |
| | 20:25 21:15 | G | X | 108 Trumbo | SpeX | SJB | |
| | 21:15 06:15 | G | | 999 Engineering | TBD | SJB | |
| Aug. 2 Fr | 06:15 06:25 | G | | --- | facility close | | |
| Aug. 2 Fr | 18:25 18:55 | G,E | | --- | facility open | | |
| | 18:55 19:35 | G,E | X | 049 Rathbun | SpeX | SJB | Service Obs. |
| | 19:35 20:35 | G,E | X | 018 Orton | SpeX | SJB | |
| | 20:35 21:25 | G,E | X | 108 Trumbo | SpeX | SJB | |
| | 21:25 22:10 | G,E | X | 059 Corlies | SpeX | SJB | Service Obs. |
| | 22:10 23:40 | G,E | X | 049 Rathbun | SpeX | SJB | |
| | 23:40 00:10 | G,E | | --- | inst. change | | |
| Aug. 3 Sa | 00:10 06:15 | G | | 999 Engineering | MIRSI/MOC | SJB | |
| | 06:15 06:25 | G | | --- | facility close | | |
| Aug. 3 Sa | 18:25 18:55 | E | | --- | facility open | | |
| | 18:55 19:25 | E | | --- | inst. change | | |
| | 19:25 06:15 | E | X | 102 Neufeld | iSHELL | ACB | |
| Aug. 4 Su | 06:15 06:25 | E | | --- | facility close | | |
| Aug. 4 Su | 18:25 18:55 | E | | --- | facility open | | |
| | 18:55 00:35 | E | X | 102 Neufeld | iSHELL | ACB | |
| Aug. 5 Mo | 00:35 06:15 | E | | 072 Shkolnik | iSHELL | ACB | |
| | 06:15 06:25 | E | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Aug. 5 Mo | 18:25 18:55 | E,C | | --- | facility open | | |
| | 18:55 19:40 | E,C | X | 049 Rathbun | SpeX | SJB | Service Obs. |
| | 19:40 20:30 | E,C | X | 108 Trumbo | SpeX | SJB | |
| | 20:30 21:15 | E,C | X | 059 Corlies | SpeX | SJB | Service Obs. |
| | 21:15 23:15 | E,C | X | 003 Landt | SpeX | SJB | |
| | 23:15 23:45 | E,C | | --- | inst. change | | |
| | 23:45 06:15 | E | | 999 Engineering | MIRSI/MOC | SJB | |
| Aug. 6 Tu | 06:15 06:25 | E | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Aug. 6 Tu | 18:25 18:55 | C | | --- | facility open | | |
| | 18:55 22:55 | C | X | 113 Boogert | iSHELL | ACB | |
| | 22:55 23:40 | C | | 099 Goto | iSHELL | ACB | |
| | 23:40 06:15 | C | | 072 Shkolnik | iSHELL | ACB | |
| Aug. 7 We | 06:15 06:25 | C | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Aug. 7 We | 18:25 18:55 | C | | --- | facility open | | |
| | 18:55 22:00 | C | X | 033 Sickafoose | SpeX/MORIS | SJB | Occultation |
| | 22:00 22:30 | C | X | 049 Rathbun | SpeX | SJB | Service Obs. |

| | | | | | | | | | |
|------------|-------|-------|-----|---|-----|-------------|----------------|-----|--------------|
| | 22:30 | 23:20 | C | X | 059 | Corlies | SpeX | SJB | Service Obs. |
| | 23:20 | 06:15 | C | X | 055 | Warren | SpeX | MSC | First Night |
| Aug. 8 Th | 06:15 | 06:25 | C | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | --- | inst. change | | |
| Aug. 8 Th | 18:25 | 18:55 | C,G | | | --- | facility open | | |
| | 18:55 | 06:15 | C,G | X | 080 | Grant | iSHELL | SJB | First Night |
| Aug. 9 Fr | 06:15 | 06:25 | C | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | --- | inst. change | | |
| Aug. 9 Fr | 16:20 | 16:50 | G | | | --- | facility open | | |
| | 16:50 | 18:50 | G | | 999 | Engineering | TEXES | SJB | |
| | 18:50 | 22:50 | G | | 044 | Fouchet | TEXES | SJB | |
| | 22:50 | 01:40 | G | | 999 | Engineering | TEXES | SJB | |
| Aug. 10 Sa | 01:40 | 04:10 | G | | 020 | Soam | TEXES | SJB | |
| | 04:10 | 04:20 | G | | | --- | facility close | | |
| Aug. 10 Sa | 16:20 | 16:50 | G | | | --- | facility open | | |
| | 16:50 | 22:50 | G | | 022 | Greathouse | TEXES | SJB | |
| | 22:50 | 01:00 | G | | 999 | Engineering | TEXES | SJB | |
| Aug. 11 Su | 01:00 | 01:40 | G | | 035 | Harper | TEXES | SJB | |
| | 01:40 | 04:10 | G | | 020 | Soam | TEXES | SJB | |
| | 04:10 | 04:20 | G | | | --- | facility close | | |
| Aug. 11 Su | 16:20 | 16:50 | G,O | | | --- | facility open | | |
| | 16:50 | 22:50 | G,O | | 022 | Greathouse | TEXES | SJB | |
| | 22:50 | 00:50 | G | | 045 | Blake | TEXES | SJB | |
| Aug. 12 Mo | 00:50 | 04:10 | G | | 035 | Harper | TEXES | SJB | |
| | 04:10 | 04:20 | G | | | --- | facility close | | |
| Aug. 12 Mo | 16:20 | 16:50 | O | | | --- | facility open | | |
| | 16:50 | 22:50 | O | | 031 | Antunano | TEXES | SJB | |
| | 22:50 | 00:50 | O | | 045 | Blake | TEXES | SJB | |
| Aug. 13 Tu | 00:50 | 04:10 | O | | 035 | Harper | TEXES | SJB | |
| | 04:10 | 11:30 | M | | 034 | Fuchs | TEXES | SJB | Daylight Obs |
| | 11:30 | 11:40 | M | | | --- | facility close | | |
| Aug. 13 Tu | 16:20 | 16:50 | O | | | --- | facility open | | |
| | 16:50 | 22:50 | O | | 031 | Antunano | TEXES | SJB | |
| | 22:50 | 00:50 | O | | 045 | Blake | TEXES | SJB | |
| Aug. 14 We | 00:50 | 04:10 | O | | 035 | Harper | TEXES | SJB | |
| | 04:10 | 04:20 | O | | | --- | facility close | | |
| Aug. 14 We | 16:20 | 16:50 | O,M | | | --- | facility open | | |
| | 16:50 | 23:20 | O,M | | 004 | Tsang | TEXES | SJB | |
| | 23:20 | 00:50 | O | | 045 | Blake | TEXES | SJB | |
| Aug. 15 Th | 00:50 | 04:10 | O | | 035 | Harper | TEXES | SJB | |
| | 04:10 | 04:20 | O | | | --- | facility close | | |
| Aug. 15 Th | 16:00 | 16:30 | M | | | --- | facility open | | |

| | | | | | | | | | |
|------------|-------|-------|-------|---|-----|-------------|----------------|--|-----------------|
| | 16:30 | 23:00 | M | | 004 | Tsang | TEXES | | SJB |
| | 23:00 | 00:30 | M | | 045 | Blake | TEXES | | SJB |
| Aug. 16 Fr | 00:30 | 03:50 | M | | 035 | Harper | TEXES | | SJB |
| | 03:50 | 04:00 | M | | | --- | facility close | | |
| Aug. 16 Fr | 16:00 | 16:30 | M | | | --- | facility open | | |
| | 16:30 | 21:30 | M | | 090 | Sinclair | TEXES | | SJB |
| | 21:30 | 23:00 | M | | 004 | Tsang | TEXES | | SJB |
| | 23:00 | 00:30 | M | | 045 | Blake | TEXES | | SJB |
| Aug. 17 Sa | 00:30 | 03:50 | M | | 035 | Harper | TEXES | | SJB |
| | 03:50 | 04:00 | M | | | --- | facility close | | |
| Aug. 17 Sa | 16:00 | 16:30 | M,G | | | --- | facility open | | |
| | 16:30 | 21:30 | M,G | | 090 | Sinclair | TEXES | | SJB |
| | 21:30 | 23:00 | M,G | | 004 | Tsang | TEXES | | SJB |
| | 23:00 | 00:30 | M | | 045 | Blake | TEXES | | SJB |
| Aug. 18 Su | 00:30 | 03:50 | M | | 035 | Harper | TEXES | | SJB |
| | 03:50 | 04:00 | M | | | --- | facility close | | |
| Aug. 18 Su | 16:00 | 16:30 | G | | | --- | facility open | | |
| | 16:30 | 22:30 | G | | 022 | Greathouse | TEXES | | SJB |
| | 22:30 | 23:59 | G | | 045 | Blake | TEXES | | SJB |
| | 23:59 | 03:50 | G | | 999 | Engineering | TEXES | | SJB |
| Aug. 19 Mo | 03:50 | 04:00 | G | | | --- | facility close | | |
| Aug. 19 Mo | 16:00 | 16:30 | G | | | --- | facility open | | |
| | 16:30 | 22:30 | G | | 022 | Greathouse | TEXES | | SJB |
| | 22:30 | 23:59 | G | | 045 | Blake | TEXES | | SJB |
| | 23:59 | 03:50 | G | | 999 | Engineering | TEXES | | SJB |
| Aug. 20 Tu | 03:50 | 04:00 | G | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | --- | inst. change | | |
| Aug. 20 Tu | 18:25 | 18:55 | G,E | | | --- | facility open | | |
| | 18:55 | 23:25 | G,E | X | 065 | Sullivan | iSHELL | | ACB First Night |
| | 23:25 | 06:15 | G | | 024 | Vacca | iSHELL | | ACB |
| Aug. 21 We | 06:15 | 06:25 | G | | | --- | facility close | | |
| Aug. 21 We | 18:25 | 18:55 | E | | | --- | facility open | | |
| | 18:55 | 23:25 | E | X | 065 | Sullivan | iSHELL | | ACB |
| | 23:25 | 06:15 | E | | 024 | Vacca | iSHELL | | ACB |
| Aug. 22 Th | 06:15 | 06:25 | E | | | --- | facility close | | |
| Aug. 22 Th | 18:25 | 18:55 | E | | | --- | facility open | | |
| | 18:55 | 23:25 | E | X | 065 | Sullivan | iSHELL | | ACB |
| | 23:25 | 06:15 | E | | 024 | Vacca | iSHELL | | ACB |
| Aug. 23 Fr | 06:15 | 06:25 | E | | | --- | facility close | | |
| Aug. 23 Fr | 18:25 | 18:55 | E,C,W | | | --- | facility open | | |
| | 18:55 | 23:25 | E,C,W | X | 065 | Sullivan | iSHELL | | ACB |
| | 23:25 | 06:15 | E | | 024 | Vacca | iSHELL | | ACB |

| | | | | | | | | | | |
|------------|-------|-------|----------|---|-----|---------|------------|--|-----|----------------|
| Aug. 24 Sa | 06:15 | 06:25 | E | | | | | | --- | facility close |
| Aug. 24 Sa | 18:25 | 18:55 | C,W | | | | | | --- | facility open |
| | 18:55 | 02:55 | C,W | | 110 | Smith | iSHELL | | ACB | First Night |
| Aug. 25 Su | 02:55 | 05:45 | C,W | X | 079 | Flores | iSHELL | | MSC | |
| | 05:45 | 06:15 | C,W | | | | | | --- | inst. change |
| | 06:15 | 06:25 | C,W | | | | | | --- | facility close |
| Aug. 25 Su | 18:25 | 18:55 | C,W | | | | | | --- | facility open |
| | 18:55 | 19:40 | C,W | X | 049 | Rathbun | SpeX | | SJB | Service Obs. |
| | 19:40 | 20:25 | C,W | X | 059 | Corlies | SpeX | | SJB | Service Obs. |
| | 20:25 | 22:25 | C,W | X | 003 | Landt | SpeX | | SJB | |
| | 22:25 | 00:25 | C,W | X | 109 | Thomas | SpeX/MORIS | | SJB | |
| Aug. 26 Mo | 00:25 | 06:15 | C,W | X | 062 | Howell | SpeX | | SJB | |
| | 06:15 | 06:25 | C,W | | | | | | --- | facility close |
| Aug. 26 Mo | 18:25 | 18:55 | C,W,G,M | | | | | | --- | facility open |
| | 18:55 | 20:00 | C,W,G,MX | | 108 | Trumbo | SpeX | | SJB | |
| | 20:00 | 23:00 | C,W,G,MX | | 068 | Holler | SpeX | | SJB | |
| | 23:00 | 06:15 | C,W | X | 052 | Young | SpeX | | SJB | |
| Aug. 27 Tu | 06:15 | 06:25 | C,W | | | | | | --- | facility close |
| Aug. 27 Tu | 16:10 | 16:40 | G,M | | | | | | --- | facility open |
| | 16:40 | 18:10 | G,M | X | 049 | Rathbun | SpeX | | SJB | |
| | 18:10 | 19:10 | G,M | X | 018 | Orton | SpeX | | SJB | |
| | 19:10 | 20:00 | G,M | X | 108 | Trumbo | SpeX | | SJB | |
| | 20:00 | 23:00 | G,M | X | 068 | Holler | SpeX | | SJB | |
| | 23:00 | 04:00 | G,M | X | 052 | Young | SpeX | | SJB | |
| Aug. 28 We | 04:00 | 04:10 | G,M | | | | | | --- | facility close |
| Aug. 28 We | 17:40 | 18:10 | G,M | | | | | | --- | facility open |
| | 18:10 | 19:10 | G,M | X | 018 | Orton | SpeX | | SJB | |
| | 19:10 | 20:00 | G,M | X | 108 | Trumbo | SpeX | | SJB | |
| | 20:00 | 23:00 | G,M | X | 068 | Holler | SpeX | | SJB | |
| | 23:00 | 05:30 | G,M | X | 052 | Young | SpeX | | SJB | |
| Aug. 29 Th | 05:30 | 05:40 | G,M | | | | | | --- | facility close |
| Aug. 29 Th | 18:25 | 18:55 | G,M,E | | | | | | --- | facility open |
| | 18:55 | 20:00 | G,M,E | X | 108 | Trumbo | SpeX | | SJB | |
| | 20:00 | 23:00 | G,M,E | X | 068 | Holler | SpeX | | SJB | |
| | 23:00 | 06:15 | G,M | X | 052 | Young | SpeX | | SJB | |
| Aug. 30 Fr | 06:15 | 06:25 | G,M | | | | | | --- | facility close |
| Aug. 30 Fr | 18:25 | 18:55 | E | | | | | | --- | facility open |
| | 18:55 | 20:00 | E | X | 108 | Trumbo | SpeX | | SJB | |
| | 20:00 | 23:00 | E | X | 068 | Holler | SpeX | | SJB | |
| | 23:00 | 06:15 | E | X | 052 | Young | SpeX | | SJB | |
| Aug. 31 Sa | 06:15 | 06:25 | E | | | | | | --- | facility close |
| Aug. 31 Sa | 18:25 | 18:55 | E | | | | | | --- | facility open |

| | | | | | | | |
|-------|-------|---|---|-----|--------|------|-----|
| 18:55 | 20:00 | E | X | 108 | Trumbo | SpeX | SJB |
| 20:00 | 23:00 | E | X | 068 | Holler | SpeX | SJB |
| 23:00 | 06:15 | E | X | 052 | Young | SpeX | SJB |

Observer List**August, 2019**

003 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Gary Ferland, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Thaisa Storchi-Bergmann

004 Constantine Tsang, John Spencer, Thomas Greathouse

018 Glenn Orton, Thomas Momary, Kevin Baines, Arrate Antunano, Leigh Fletcher, James Sinclair, Patrick Irwin, Rohini Giles, Thomas Greathouse

020 Archana Soam, B-G Andersson, John H Lacy, Thomas Greathouse, Matthew Richter, Curtis Noel Dewitt, Thiem Hoang

022 Thomas Greathouse, Glenn Orton, Leigh Fletcher, Rohini Giles, Richard Cosentino, Thierry Fouchet, Therese Encrenaz, Raul Morales-Juberias

024 William Vacca, Christian Flores, Franco Leone

031 Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Pdraig Donnelly, Rohini Giles, Michael Roman, James Blake, Naomi Rowe-Gurney, Oliver King

033 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person

034 Guido W. Fuchs, Thomas F. Giesen, Bhaswati Mookerjee, Daniel Witsch, John H. Lacy, Alexander A. Breier, Thomas Greathouse

035 Graham Harper, Matthew Richter, Thomas Greathouse, Edward Guinan, Edward Montiel, Anita Richards

044 Thierry Fouchet, Tommy Greathouse, Bruno Bezaud, Vincent Hue

045 James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, James Sinclair, Henrik Melin, Mike Roman, Arrate Antunano, Naomi Rowe-Gurney, Pdraig Donnelly, Oliver King

049 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer

052 Leslie Young, William Grundy, Bryan Holler, Eliot Young

055 Stephen Warren, Richard Laithwaite

059 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora

062 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle

065 Kendall Sullivan, Lisa Prato, Joe Llama

068 Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa, Maya Yanez

072 Evgenya Shkolnik, Joe Llama, Tyler Richey-Yowell

079 Christian Flores, Michael Connelley

080 Sierra Grant, Catherine Espaillat, Sean Brittain

090 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Leigh Fletcher

099 Miwa Goto, Olli Sipilae, Jorma Harju, Paola Caselli

102 David Neufeld, Tom Geballe, Miwa Goto, Rolf Guesten, Karl Menten

108 Samantha Trumbo, Michael Brown, Katherine de Kleer, Danica Adams

109 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

110 Rachel Smith, Adwin Boogert

113 Adwin Boogert, Karl Kaess, Matt Richter

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|-----------|-------------|-------|--------|----------------|------------|-----|----------------|
| Sep. 1 Su | 06:15 06:25 | E | | | --- | | facility close |
| Sep. 1 Su | 18:15 18:45 | E,C,O | | | --- | | facility open |
| | 18:45 19:30 | E,C,O | X | 049 Rathbun | SpeX | MSC | Service Obs. |
| | 19:30 20:15 | E,C,O | X | 059 Corlies | SpeX | MSC | Service Obs. |
| | 20:15 22:15 | E,C,O | X | 003 Landt | SpeX | MSC | |
| | 22:15 06:15 | E | X | 052 Young | SpeX | MSC | |
| Sep. 2 Mo | 06:05 06:15 | E | | | --- | | facility close |
| Sep. 2 Mo | 18:15 18:45 | C,O | | | --- | | facility open |
| | 18:45 22:15 | C,O | X | 040 Bus | SpeX/MORIS | SJB | |
| | 22:15 03:45 | C,O | X | 109 Thomas | SpeX/MORIS | MSC | |
| Sep. 3 Tu | 03:45 06:05 | C,O | X | 011 Reddy | SpeX/MORIS | MSC | |
| | 06:05 06:15 | C,O | | | --- | | facility close |
| Sep. 3 Tu | 18:05 18:35 | C,O | | | --- | | facility open |
| | 18:35 20:05 | C,O | X | 049 Rathbun | SpeX | SJB | Occultation |
| | 20:05 00:05 | C,O | X | 033 Sickafoose | SpeX/MORIS | SJB | Occultation |
| Sep. 4 We | 00:05 05:55 | C,O | X | 062 Howell | SpeX | SJB | |
| | 05:55 06:05 | C,O | | | --- | | facility close |
| | 10:00 16:00 | | | | --- | | inst. change |
| Sep. 4 We | 18:15 18:45 | C,O,G | | | --- | | facility open |
| | 18:45 03:00 | C,O,G | X | 102 Neufeld | iSHELL | SJB | |
| Sep. 5 Th | 03:00 06:05 | C,O | X | 079 Flores | iSHELL | MSC | |
| | 06:05 06:15 | C,O | | | --- | | facility close |
| Sep. 5 Th | 18:15 18:45 | G | | | --- | | facility open |
| | 18:45 03:00 | G | X | 102 Neufeld | iSHELL | SJB | |
| Sep. 6 Fr | 03:00 06:05 | G | X | 079 Flores | iSHELL | MSC | |
| | 06:05 06:15 | G | | | --- | | facility close |
| | 10:00 16:00 | | | | --- | | inst. change |
| Sep. 6 Fr | 18:15 18:45 | G | | | --- | | facility open |
| | 18:45 22:45 | G | X | 048 Orton | SpeX | SJB | |
| | 22:45 06:05 | G | X | 005 Woodward | SpeX | SJB | |
| Sep. 7 Sa | 06:05 06:15 | G | | | --- | | facility close |
| Sep. 7 Sa | 18:15 18:45 | G,E | | | --- | | facility open |
| | 18:45 22:45 | G,E | X | 048 Orton | SpeX | SJB | |
| | 22:45 05:35 | G,E | X | 005 Woodward | SpeX | SJB | |
| Sep. 8 Su | 05:35 06:05 | G | | | --- | | inst. change |
| | 06:05 06:15 | G | | | --- | | facility close |
| Sep. 8 Su | 18:15 18:45 | E | | | --- | | facility open |
| | 18:45 23:15 | E | | 099 Goto | iSHELL | MSC | |
| | 23:15 01:15 | E | X | 093 Plavchan | iSHELL | MSC | |
| Sep. 9 Mo | 01:15 01:45 | E | | | --- | | inst. change |
| | 01:45 06:05 | E | X | 033 Sickafoose | SpeX/MORIS | SJB | Occultation |
| | 06:05 06:15 | E | | | --- | | facility close |

| | | | | | | | | | | |
|------------|-------|-------|----------|---|-----|------------|------------|----------------|-----|--------------|
| Sep. 9 Mo | 14:15 | 14:45 | M | | | | --- | facility open | | |
| | 14:45 | 20:30 | M,E | X | 018 | Orton | SpeX | | MSC | Daylight Obs |
| | 20:30 | 21:15 | E | X | 059 | Corlies | SpeX | | MSC | Service Obs. |
| | 21:15 | 23:15 | E | X | 003 | Landt | SpeX | | MSC | |
| | 23:15 | 06:05 | E | X | 011 | Reddy | SpeX/MORIS | | MSC | |
| Sep. 10 Tu | 06:05 | 06:15 | E | | | | --- | facility close | | |
| Sep. 10 Tu | 14:15 | 14:45 | M | | | | --- | facility open | | |
| | 14:45 | 20:30 | M,E,C,WX | | 018 | Orton | SpeX | | MSC | Daylight Obs |
| | 20:30 | 22:00 | E,C,W | X | 049 | Rathbun | SpeX | | MSC | Occultation |
| | 22:00 | 04:00 | E,C,W | X | 062 | Howell | SpeX | | MSC | |
| Sep. 11 We | 04:00 | 04:30 | E | | | | --- | inst. change | | |
| | 04:30 | 06:05 | E | X | 051 | Plavchan | iSHELL | | ACB | |
| | 06:05 | 06:15 | E | | | | --- | facility close | | |
| Sep. 11 We | 18:15 | 18:45 | C,W | | | | --- | facility open | | |
| | 18:45 | 23:15 | C,W | | 099 | Goto | iSHELL | | ACB | |
| | 23:15 | 01:15 | C,W | X | 093 | Plavchan | iSHELL | | ACB | |
| Sep. 12 Th | 01:15 | 04:35 | C,W | X | 047 | Cale | iSHELL | | ACB | |
| | 04:35 | 06:05 | C,W | X | 051 | Plavchan | iSHELL | | ACB | |
| | 06:05 | 06:15 | C,W | | | | --- | facility close | | |
| Sep. 12 Th | 17:45 | 18:15 | C,W | | | | --- | facility open | | |
| | 18:15 | 23:55 | C,W | X | 007 | Bjoraker | iSHELL | | ACB | |
| | 23:55 | 01:55 | C,W | X | 093 | Plavchan | iSHELL | | ACB | |
| Sep. 13 Fr | 01:55 | 04:05 | C,W | X | 047 | Cale | iSHELL | | ACB | |
| | 04:05 | 05:35 | C,W | X | 051 | Plavchan | iSHELL | | ACB | |
| | 05:35 | 05:45 | C,W | | | | --- | facility close | | |
| Sep. 13 Fr | 17:45 | 18:15 | C,W,G,M | | | | --- | facility open | | |
| | 18:15 | 23:55 | C,W,G,MX | | 007 | Bjoraker | iSHELL | | ACB | |
| | 23:55 | 01:55 | C,W | X | 093 | Plavchan | iSHELL | | ACB | |
| Sep. 14 Sa | 01:55 | 04:05 | C,W | X | 047 | Cale | iSHELL | | ACB | |
| | 04:05 | 05:35 | C,W | X | 051 | Plavchan | iSHELL | | ACB | |
| | 05:35 | 05:45 | C,W | | | | --- | facility close | | |
| Sep. 14 Sa | 18:15 | 18:45 | G,M | | | | --- | facility open | | |
| | 18:45 | 00:25 | G,M | X | 016 | Dinerstein | iSHELL | | MSC | |
| Sep. 15 Su | 00:25 | 02:25 | G,M | X | 093 | Plavchan | iSHELL | | ACB | |
| | 02:25 | 04:35 | G,M | X | 047 | Cale | iSHELL | | ACB | |
| | 04:35 | 06:05 | G,M | X | 051 | Plavchan | iSHELL | | ACB | |
| | 06:05 | 06:15 | G,M | | | | --- | facility close | | |
| Sep. 15 Su | 18:15 | 18:45 | G,M | | | | --- | facility open | | |
| | 18:45 | 00:25 | G,M | X | 016 | Dinerstein | iSHELL | | MSC | |
| Sep. 16 Mo | 00:25 | 02:25 | G,M | X | 093 | Plavchan | iSHELL | | ACB | |
| | 02:25 | 04:35 | G,M | X | 047 | Cale | iSHELL | | ACB | |
| | 04:35 | 06:05 | G,M | X | 051 | Plavchan | iSHELL | | ACB | |

| | | | | | | | | | | |
|------------|-------|-------|----------|---|-----|------------|------------|----------------|-----|--------------|
| | 06:05 | 06:15 | G,M | | | | --- | facility close | | |
| Sep. 16 Mo | 18:15 | 18:45 | G,M,E | | | | --- | facility open | | |
| | 18:45 | 00:25 | G,M,E | X | 016 | Dinerstein | iSHELL | | MSC | |
| Sep. 17 Tu | 00:25 | 02:25 | G,M | X | 093 | Plavchan | iSHELL | | ACB | |
| | 02:25 | 04:35 | G,M | X | 047 | Cale | iSHELL | | ACB | |
| | 04:35 | 06:05 | G,M | X | 051 | Plavchan | iSHELL | | ACB | |
| | 06:05 | 06:15 | G,M | | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | | --- | inst. change | | |
| Sep. 17 Tu | 18:15 | 18:45 | E | | | | --- | facility open | | |
| | 18:45 | 06:05 | E | X | 010 | Gagliuffi | SpeX | | MSC | |
| Sep. 18 We | 06:05 | 06:15 | E | | | | --- | facility close | | |
| Sep. 18 We | 18:15 | 18:45 | E | | | | --- | facility open | | |
| | 18:45 | 19:45 | E | X | 018 | Orton | SpeX | | MSC | |
| | 19:45 | 20:30 | E | X | 059 | Corlies | SpeX | | MSC | Service Obs. |
| | 20:30 | 22:30 | E | X | 003 | Landt | SpeX | | MSC | |
| | 22:30 | 03:30 | E | X | 062 | Howell | SpeX | | MSC | |
| Sep. 19 Th | 03:30 | 06:05 | E | X | 994 | Yang | SpeX/MORIS | | SJB | |
| | 06:05 | 06:15 | E | | | | --- | facility close | | |
| Sep. 19 Th | 16:25 | 16:55 | E,C,W | | | | --- | facility open | | |
| | 16:55 | 18:25 | E,C,W | X | 049 | Rathbun | SpeX | | MSC | Occultation |
| | 18:25 | 19:25 | E,C,W | X | 018 | Orton | SpeX | | MSC | |
| | 19:25 | 23:30 | E,C,W | X | 087 | Shahbandeh | SpeX/MORIS | | MSC | |
| | 23:30 | 01:30 | E | X | 109 | Thomas | SpeX/MORIS | | MSC | |
| Sep. 20 Fr | 01:30 | 04:15 | E | X | 087 | Shahbandeh | SpeX/MORIS | | MSC | |
| | 04:15 | 04:25 | E | | | | --- | facility close | | |
| Sep. 20 Fr | 18:15 | 18:45 | C,W | | | | --- | facility open | | |
| | 18:45 | 19:45 | C,W | X | 018 | Orton | SpeX | | MSC | |
| | 19:45 | 20:15 | C,W | X | 049 | Rathbun | SpeX | | MSC | Service Obs. |
| | 20:15 | 21:00 | C,W | X | 059 | Corlies | SpeX | | MSC | Service Obs. |
| | 21:00 | 03:00 | C,W | X | 058 | McGraw | SpeX/MORIS | | MSC | |
| Sep. 21 Sa | 03:00 | 06:05 | C,W | X | 994 | Yang | SpeX/MORIS | | SJB | |
| | 06:05 | 06:15 | C,W | | | | --- | facility close | | |
| Sep. 21 Sa | 18:15 | 18:45 | C,W | | | | --- | facility open | | |
| | 18:45 | 19:15 | C,W | | | | --- | inst. change | | |
| | 19:15 | 06:05 | C,W | X | 081 | Faggi | iSHELL | | MSC | |
| Sep. 22 Su | 06:05 | 06:15 | C,W | | | | --- | facility close | | |
| Sep. 22 Su | 18:15 | 18:45 | C,W,G,O | | | | --- | facility open | | |
| | 18:45 | 06:05 | C,W,G,OX | | 072 | Shkolnik | iSHELL | | ACB | |
| Sep. 23 Mo | 06:05 | 06:15 | C,W | | | | --- | facility close | | |
| Sep. 23 Mo | 18:15 | 18:45 | G,O | | | | --- | facility open | | |
| | 18:45 | 06:05 | G,O | X | 072 | Shkolnik | iSHELL | | ACB | |
| Sep. 24 Tu | 06:05 | 06:15 | G,O | | | | --- | facility close | | |

| | | | | | | | | | | |
|------------|-------|-------|-------|---|-----|------------|------------|--|-----|--------------------|
| | 10:00 | 16:00 | | | | | | | | --- inst. change |
| Sep. 24 Tu | 18:15 | 18:45 | G,O | | | | | | | --- facility open |
| | 18:45 | 19:30 | G,O | X | 049 | Rathbun | SpeX | | SJB | Service Obs. |
| | 19:30 | 20:15 | G,O | X | 059 | Corlies | SpeX | | SJB | Service Obs. |
| | 20:15 | 06:05 | G,O | X | 109 | Thomas | SpeX/MORIS | | SJB | |
| Sep. 25 We | 06:05 | 06:15 | G,O | | | | | | | --- facility close |
| Sep. 25 We | 18:15 | 18:45 | G,O,E | | | | | | | --- facility open |
| | 18:45 | 20:45 | G,O,E | X | 003 | Landt | SpeX | | SJB | |
| | 20:45 | 23:30 | G,O,E | X | 040 | Bus | SpeX/MORIS | | SJB | |
| | 23:30 | 01:30 | G,O | X | 109 | Thomas | SpeX/MORIS | | SJB | |
| Sep. 26 Th | 01:30 | 06:05 | G,O | X | 040 | Bus | SpeX/MORIS | | SJB | |
| | 06:05 | 06:15 | G,O | | | | | | | --- facility close |
| Sep. 26 Th | 18:15 | 18:45 | E | | | | | | | --- facility open |
| | 18:45 | 20:20 | E | X | 049 | Rathbun | SpeX | | SJB | Occultation |
| | 20:20 | 21:05 | E | X | 059 | Corlies | SpeX | | SJB | Service Obs. |
| | 21:05 | 06:05 | E | X | 074 | Avdellidou | SpeX/MORIS | | SJB | |
| Sep. 27 Fr | 06:05 | 06:15 | E | | | | | | | --- facility close |
| Sep. 27 Fr | 18:15 | 18:45 | E | | | | | | | --- facility open |
| | 18:45 | 22:00 | E | X | 011 | Reddy | SpeX/MORIS | | SJB | |
| | 22:00 | 03:00 | E | X | 062 | Howell | SpeX | | SJB | |
| Sep. 28 Sa | 03:00 | 06:05 | E | X | 040 | Bus | SpeX/MORIS | | SJB | |
| | 06:05 | 06:15 | E | | | | | | | --- facility close |
| Sep. 28 Sa | 18:15 | 18:45 | E,C | | | | | | | --- facility open |
| | 18:45 | 21:35 | E,C | X | 101 | Lisse | SpeX/MORIS | | MSC | |
| | 21:35 | 03:15 | E,C | X | 104 | Lisse | SpeX/MORIS | | MSC | |
| Sep. 29 Su | 03:15 | 06:05 | E | X | 105 | Lisse | SpeX/MORIS | | MSC | |
| | 06:05 | 06:15 | E | | | | | | | --- facility close |
| Sep. 29 Su | 18:15 | 18:45 | C | | | | | | | --- facility open |
| | 18:45 | 00:25 | C | X | 011 | Reddy | SpeX/MORIS | | MSC | |
| Sep. 30 Mo | 00:25 | 06:05 | C | X | 089 | Reipurth | SpeX | | MSC | |
| | 06:05 | 06:15 | C | | | | | | | --- facility close |
| Sep. 30 Mo | 18:15 | 18:45 | C | | | | | | | --- facility open |
| | 18:45 | 20:45 | C | X | 003 | Landt | SpeX | | MSC | |
| | 20:45 | 00:25 | C | X | 011 | Reddy | SpeX/MORIS | | MSC | |

Observer List**September, 2019**

- 003 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Gary Ferland, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Thaisa Storchi-Bergmann
- 005 Chick Woodward, Michael S.P. Kelley, David Harker, Diane Wooden
- 007 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
- 010 Daniella Bardalez Gagliuffi, Christopher Theissen, Quinn Konopacky, Adam Burgasser
- 011 Vishnu Reddy, Juan Sanchez
- 016 Harriet Dinerstein, Nicholas Sterling, William Vacca
- 018 Glenn Orton, Thomas Momary, Kevin Baines, Arrate Antunano, Leigh Fletcher, James Sinclair, Patrick Irwin, Rohini Giles, Thomas Greathouse
- 033 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
- 040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
- 047 Bryson Cale, Peter Plavchan, Angelle Tanner, Eric Gaidos, Johanna Teske, Jonathan Gagne
- 048 Glenn Orton, James Sinclair, Leigh Fletcher, Thomas Momary, James Blake, Arrate Antunano, Linda Spilker, Cecile Ferrari
- 049 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
- 051 Peter Plavchan, Bryson Cale, Angelle Tanner, Jonathan Gagne
- 052 Leslie Young, William Grundy, Bryan Holler, Eliot Young
- 058 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 059 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
- 062 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
- 072 Evgenya Shkolnik, Joe Llama, Tyler Richey-Yowell
- 074 Chrysa Avdellidou, Marco Delbo, Sonia Fornasier, Kevin Walsh, Gerard Van Belle
- 079 Christian Flores, Michae Connelley
- 081 Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
- 087 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Howie Marion, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
- 089 Bo Reipurth, Michael S. Connelley
- 093 Peter Plavchan, Bryson Cale, Sharon Wang, Angelle Tanner, Johanna Teske, Claire Moutou, Ryan Cloutier, Elisabeth Newton
- 099 Miwa Goto, Olli Sipilae, Jorma Harju, Paola Caselli
- 101 Carey Lisse, Mike Sitko, Massimo Marengo, Miles Lucas
- 102 David Neufeld, Tom Geballe, Miwa Goto, Rolf Guesten, Karl Menten
- 104 Carey Lisse, Mike Sitko, Massimo Marengo, Stephen Kane, Steve Desch
- 105 Carey Lisse, Mike Sitko, Hans Moritz Gunther, Scott Wolk
- 109 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|-----------|-------------|-----|--------|-----------------|----------------|-----|--------------|
| Oct. 1 Tu | 00:25 06:05 | C | X | 089 Reipurth | SpeX | MSC | |
| | 06:05 06:15 | C | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Oct. 1 Tu | 18:05 18:35 | C,G | | --- | facility open | | |
| | 18:45 02:55 | C,G | X | 081 Faggi | iSHELL | MSC | |
| Oct. 2 We | 02:55 03:55 | C | X | 091 Graham | iSHELL | ACB | First Night |
| | 03:55 05:55 | C | | 999 Engineering | TBD | SJB | |
| | 05:55 06:05 | C | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Oct. 2 We | 18:05 18:35 | G | | --- | facility open | | |
| | 18:35 19:20 | G | X | 049 Rathbun | SpeX | MSC | Service Obs. |
| | 19:20 20:05 | G | X | 059 Corlies | SpeX | MSC | Service Obs. |
| | 20:05 05:55 | G | X | 109 Thomas | SpeX/MORIS | MSC | |
| Oct. 3 Th | 05:55 06:05 | G | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Oct. 3 Th | 18:05 18:35 | G | | --- | facility open | | |
| | 18:35 20:05 | G | X | 051 Plavchan | iSHELL | ACB | |
| | 20:05 22:05 | G | X | 093 Plavchan | iSHELL | ACB | |
| | 22:05 23:15 | G | X | 047 Cale | iSHELL | ACB | |
| | 23:15 05:55 | G | | 037 Melin | iSHELL | ACB | |
| Oct. 4 Fr | 05:55 06:05 | G | | --- | facility close | | |
| Oct. 4 Fr | 18:05 18:35 | G,E | | --- | facility open | | |
| | 18:35 20:05 | G,E | X | 051 Plavchan | iSHELL | ACB | |
| | 20:05 22:05 | G,E | X | 093 Plavchan | iSHELL | ACB | |
| | 22:05 23:15 | G,E | X | 047 Cale | iSHELL | ACB | |
| | 23:15 05:55 | G | | 037 Melin | iSHELL | ACB | |
| Oct. 5 Sa | 05:55 06:05 | G | | --- | facility close | | |
| Oct. 5 Sa | 18:05 18:35 | E | | --- | facility open | | |
| | 18:35 20:05 | E | X | 051 Plavchan | iSHELL | ACB | |
| | 20:05 22:05 | E | X | 093 Plavchan | iSHELL | ACB | |
| | 22:05 23:15 | E | X | 047 Cale | iSHELL | ACB | |
| | 23:15 05:55 | E | | 037 Melin | iSHELL | ACB | |
| Oct. 6 Su | 05:55 06:05 | E | | --- | facility close | | |
| Oct. 6 Su | 18:05 18:35 | E | | --- | facility open | | |
| | 18:35 20:05 | E | X | 051 Plavchan | iSHELL | ACB | |
| | 20:05 22:05 | E | X | 093 Plavchan | iSHELL | ACB | |
| | 22:05 23:15 | E | X | 047 Cale | iSHELL | ACB | |
| | 23:15 05:55 | E | | 037 Melin | iSHELL | ACB | |
| Oct. 7 Mo | 05:55 06:05 | E | | --- | facility close | | |
| Oct. 7 Mo | 18:05 18:35 | E,W | | --- | facility open | | |
| | 18:35 20:05 | E,W | X | 051 Plavchan | iSHELL | ACB | |
| | 20:05 22:05 | E,W | X | 093 Plavchan | iSHELL | ACB | |

| | | | | | | | | | |
|------------|-------|-------|-------|---|-----|-------------|----------------|-----|-------------|
| | 22:05 | 00:55 | E,W | X | 047 | Cale | iSHELL | ACB | |
| Oct. 8 Tu | 00:55 | 05:55 | E | X | 113 | Boogert | iSHELL | ACB | |
| | 05:55 | 06:05 | E | | | --- | facility close | | |
| Oct. 8 Tu | 18:05 | 18:35 | W | | | --- | facility open | | |
| | 18:35 | 20:05 | W | X | 051 | Plavchan | iSHELL | ACB | |
| | 20:05 | 21:00 | W | X | 093 | Plavchan | iSHELL | ACB | |
| | 21:00 | 21:30 | W | | | --- | inst. change | | |
| | 21:30 | 23:30 | W | X | 109 | Thomas | SpeX/MORIS | SJB | |
| | 23:30 | 03:30 | W | X | 033 | Sickafoose | SpeX/MORIS | SJB | Occultation |
| Oct. 9 We | 03:30 | 05:55 | W | | 999 | Engineering | TBD | SJB | |
| | 05:55 | 06:05 | W | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | --- | inst. change | | |
| Oct. 9 We | 18:05 | 18:35 | W | | | --- | facility open | | |
| | 18:35 | 20:05 | W | X | 051 | Plavchan | iSHELL | ACB | |
| | 20:05 | 22:05 | W | X | 093 | Plavchan | iSHELL | ACB | |
| | 22:05 | 02:25 | W | X | 047 | Cale | iSHELL | ACB | |
| Oct. 10 Th | 02:25 | 02:55 | W | | | --- | inst. change | | |
| | 02:55 | 05:55 | W | X | 062 | Howell | SpeX | SJB | |
| | 05:55 | 06:05 | W | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | --- | inst. change | | |
| Oct. 10 Th | 18:05 | 18:35 | W,G,O | | | --- | facility open | | |
| | 18:35 | 20:05 | W,G,O | X | 051 | Plavchan | iSHELL | ACB | |
| | 20:05 | 22:05 | W,G,O | X | 093 | Plavchan | iSHELL | ACB | |
| | 22:05 | 00:55 | W,G,O | X | 047 | Cale | iSHELL | ACB | |
| Oct. 11 Fr | 00:55 | 05:55 | W | X | 113 | Boogert | iSHELL | ACB | |
| | 05:55 | 06:05 | W | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | --- | inst. change | | |
| Oct. 11 Fr | 18:05 | 18:35 | G,O | | | --- | facility open | | |
| | 18:35 | 23:15 | G,O | X | 112 | Shimonishi | SpeX | MSC | |
| | 23:15 | 23:45 | G,O | | | --- | inst. change | | |
| | 23:45 | 05:25 | G,O | X | 111 | Ward-Duong | iSHELL | MSC | First Night |
| Oct. 12 Sa | 05:25 | 05:55 | G,O | | | --- | inst. change | | |
| | 05:55 | 06:05 | G,O | | | --- | facility close | | |
| Oct. 12 Sa | 16:45 | 17:15 | O | | | --- | facility open | | |
| | 17:15 | 18:45 | O | X | 049 | Rathbun | SpeX | MSC | Occultation |
| | 18:45 | 23:15 | O | X | 112 | Shimonishi | SpeX | MSC | |
| | 23:15 | 23:45 | O | | | --- | inst. change | | |
| | 23:45 | 04:35 | O | X | 111 | Ward-Duong | iSHELL | MSC | |
| Oct. 13 Su | 04:35 | 04:45 | O | | | --- | facility close | | |
| Oct. 13 Su | 18:05 | 18:35 | O,E | | | --- | facility open | | |
| | 18:35 | 05:55 | O,E | X | 092 | Burgasser | iSHELL | MSC | |
| Oct. 14 Mo | 05:55 | 06:05 | O | | | --- | facility close | | |

| | | | | | | | | | | | |
|------------|-------|-------|-------|---|-----|--------------|------------|----------------|-----|---------------------------|--|
| | 10:00 | 16:00 | | | | | --- | inst. change | | | |
| Oct. 14 Mo | 18:05 | 18:35 | E | | | | --- | facility open | | | |
| | 18:35 | 19:20 | E | X | 059 | Corlies | SpeX | | MSC | Service Obs. | |
| | 19:20 | 21:20 | E | X | 003 | Landt | SpeX | | MSC | | |
| | 21:20 | 05:55 | E | | 999 | Engineering | TBD | | SJB | | |
| Oct. 15 Tu | 05:55 | 06:05 | E | | | | --- | facility close | | | |
| Oct. 15 Tu | 18:05 | 18:35 | E | | | | --- | facility open | | | |
| | 18:35 | 23:55 | E | | 999 | Engineering | TBD | | SJB | | |
| | 23:55 | 05:55 | E | X | 089 | Reipurth | SpeX | | MSC | | |
| Oct. 16 We | 05:55 | 06:05 | E | | | | --- | facility close | | | |
| Oct. 16 We | 18:05 | 18:35 | E,C | | | | --- | facility open | | | |
| | 18:35 | 19:20 | E,C | X | 059 | Corlies | SpeX | | MSC | Service Obs. | |
| | 19:20 | 23:55 | E,C | X | 087 | Shahbandeh | SpeX/MORIS | | MSC | | |
| | 23:55 | 05:55 | E | X | 089 | Reipurth | SpeX | | MSC | | |
| Oct. 17 Th | 05:55 | 06:05 | E | | | | --- | facility close | | | |
| Oct. 17 Th | 18:05 | 18:35 | C | | | | --- | facility open | | | |
| | 18:35 | 21:35 | C | | 999 | Engineering | TBD | | SJB | | |
| | 21:35 | 05:55 | C | X | 001 | Cartwright | SpeX/MORIS | | SJB | | |
| Oct. 18 Fr | 05:55 | 06:05 | C | | | | --- | facility close | | | |
| Oct. 18 Fr | 10:00 | 10:30 | M,W | | | | --- | facility open | | | |
| | 10:30 | 11:00 | M,W | | | | --- | inst. change | | | |
| | 11:00 | 16:50 | M,W | | 054 | Varatharajan | MIRSI/MOC | | SJB | Daylight Obs, First Night | |
| | 16:50 | 17:00 | M,W | | | | --- | facility close | | | |
| Oct. 18 Fr | 18:05 | 18:35 | C | | | | --- | facility open | | | |
| | 18:35 | 00:15 | C | | 030 | Farihi | MIRSI/MOC | | MSC | First Night | |
| Oct. 19 Sa | 00:15 | 00:45 | C | | | | --- | inst. change | | | |
| | 00:45 | 05:55 | C | | 057 | Takir | SpeX | | SJB | | |
| | 05:55 | 06:05 | C | | | | --- | facility close | | | |
| Oct. 19 Sa | 10:00 | 10:30 | M,W | | | | --- | facility open | | | |
| | 10:30 | 11:00 | M,W | | | | --- | inst. change | | | |
| | 11:00 | 16:50 | M,W | | 054 | Varatharajan | MIRSI/MOC | | SJB | Daylight Obs | |
| | 16:50 | 17:00 | M,W | | | | --- | facility close | | | |
| Oct. 19 Sa | 18:05 | 18:35 | C,G,O | | | | --- | facility open | | | |
| | 18:35 | 00:15 | C,G,O | | 030 | Farihi | MIRSI/MOC | | MSC | | |
| Oct. 20 Su | 00:15 | 00:45 | C | | | | --- | inst. change | | | |
| | 00:45 | 05:55 | C | X | 095 | Goto | SpeX | | MSC | | |
| | 05:55 | 06:05 | C | | | | --- | facility close | | | |
| Oct. 20 Su | 18:05 | 18:35 | G,O | | | | --- | facility open | | | |
| | 18:35 | 19:20 | G,O | X | 059 | Corlies | SpeX | | MSC | Service Obs. | |
| | 19:20 | 21:20 | G,O | X | 003 | Landt | SpeX | | MSC | | |
| | 21:20 | 00:20 | G,O | X | 062 | Howell | SpeX | | MSC | | |
| Oct. 21 Mo | 00:20 | 05:55 | G,O | X | 096 | Silverberg | SpeX | | MSC | | |

| | | | | | | | | | | |
|------------|-------|-------|-------|---|-----|-------------|-----|----------------|-----|----------------|
| | 05:55 | 06:05 | G,O | | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | | --- | inst. change | | |
| Oct. 21 Mo | 18:05 | 18:35 | G,O | | | | --- | facility open | | |
| | 18:35 | 01:35 | G,O | X | 015 | Hora | | MIRSI | ACB | First Night |
| Oct. 22 Tu | 01:35 | 02:05 | G,O | | | | --- | inst. change | | |
| | 02:05 | 05:55 | G,O | X | 095 | Goto | | SpeX | MSC | |
| | 05:55 | 06:05 | G,O | | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | | --- | inst. change | | |
| Oct. 22 Tu | 18:05 | 18:35 | G,O,E | | | | --- | facility open | | |
| | 18:35 | 01:35 | G,O,E | X | 015 | Hora | | MIRSI | ACB | |
| Oct. 23 We | 01:35 | 02:05 | G,O | | | | --- | inst. change | | |
| | 02:05 | 05:55 | G,O | X | 095 | Goto | | SpeX | MSC | |
| | 05:55 | 06:05 | G,O | | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | | --- | inst. change | | |
| Oct. 23 We | 18:05 | 18:35 | E | | | | --- | facility open | | |
| | 18:35 | 01:35 | E | X | 015 | Hora | | MIRSI | ACB | |
| Oct. 24 Th | 01:35 | 05:55 | E | X | 025 | Trilling | | MIRSI/MOC | SJB | |
| | 05:55 | 06:05 | E | | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | | --- | inst. change | | |
| Oct. 24 Th | 18:05 | 18:35 | E | | | | --- | facility open | | |
| | 18:35 | 00:25 | E | X | 041 | DeMeo | | SpeX/MORIS | SJB | |
| Oct. 25 Fr | 00:25 | 00:55 | E | | | | --- | inst. change | | |
| | 00:55 | 01:55 | E | X | 091 | Graham | | iSHELL | ACB | |
| | 01:55 | 05:55 | E | X | 080 | Grant | | iSHELL | SJB | |
| | 05:55 | 06:05 | E | | | | --- | facility close | | |
| | 10:00 | 16:00 | | | | | --- | inst. change | | |
| Oct. 25 Fr | 18:05 | 18:35 | E,C | | | | --- | facility open | | |
| | 18:35 | 01:25 | E,C | X | 041 | DeMeo | | SpeX/MORIS | SJB | |
| Oct. 26 Sa | 01:25 | 01:55 | E | | | | --- | inst. change | | |
| | 01:55 | 05:55 | E | X | 080 | Grant | | iSHELL | SJB | |
| | 05:55 | 06:05 | E | | | | --- | facility close | | |
| Oct. 26 Sa | 18:05 | 18:35 | C | | | | --- | facility open | | |
| | 18:35 | 21:55 | C | | 999 | Engineering | | SpeX | SJB | 1st-year grads |
| | 21:55 | 03:35 | C | X | 058 | McGraw | | SpeX/MORIS | SJB | |
| Oct. 27 Su | 03:35 | 05:55 | C | | 999 | Engineering | | TBD | SJB | |
| | 05:55 | 06:05 | C | | | | --- | facility close | | |
| Oct. 27 Su | 18:05 | 18:35 | C | | | | --- | facility open | | |
| | 18:35 | 22:25 | C | X | 011 | Reddy | | SpeX/MORIS | MSC | |
| | 22:25 | 01:25 | C | X | 062 | Howell | | SpeX | MSC | |
| Oct. 28 Mo | 01:25 | 05:55 | C | | 057 | Takir | | SpeX | MSC | |
| | 05:55 | 06:05 | C | | | | --- | facility close | | |
| Oct. 28 Mo | 15:15 | 15:45 | O | | | | --- | facility open | | |

| | | | | | | | | | |
|------------|-------|-------|-------|---|-----|------------|----------------|-----|---------------------------|
| | 15:45 | 17:15 | O | X | 049 | Rathbun | SpeX | MSC | Daylight Obs, Occultation |
| | 17:15 | 18:35 | O | X | 018 | Orton | SpeX | MSC | Daylight Obs |
| | 18:35 | 05:55 | C,G,W | X | 011 | Reddy | SpeX/MORIS | MSC | |
| Oct. 29 Tu | 05:55 | 06:05 | C | | | --- | facility close | | |
| Oct. 29 Tu | 15:15 | 15:45 | O | | | --- | facility open | | |
| | 15:45 | 18:35 | O | X | 018 | Orton | SpeX | MSC | Daylight Obs |
| | 18:35 | 19:35 | G,W | X | 059 | Corlies | SpeX | MSC | Service Obs. |
| | 19:35 | 03:35 | G,W | X | 001 | Cartwright | SpeX/MORIS | MSC | |
| Oct. 30 We | 03:35 | 05:55 | G,W | X | 026 | Zhang | SpeX | MSC | |
| | 05:55 | 06:05 | G,W | | | --- | facility close | | |
| | 10:00 | 14:00 | | | | --- | inst. change | | |
| Oct. 30 We | 14:45 | 15:15 | O | | | --- | facility open | | |
| | 15:15 | 18:35 | O | X | 069 | Orton | MIRSI | MSC | Daylight Obs |
| | 18:35 | 19:05 | G,W | | | --- | inst. change | | |
| | 19:05 | 21:05 | G,W | X | 003 | Landt | SpeX | MSC | |
| | 21:05 | 05:55 | G,W | X | 026 | Zhang | SpeX | MSC | |
| Oct. 31 Th | 05:55 | 06:05 | G,W | | | --- | facility close | | |
| | 10:00 | 14:00 | | | | --- | inst. change | | |
| Oct. 31 Th | 14:45 | 15:15 | O | | | --- | facility open | | |
| | 15:15 | 18:35 | O | X | 069 | Orton | MIRSI | MSC | Daylight Obs |
| | 18:35 | 22:55 | G,W,E | X | 025 | Trilling | MIRSI/MOC | MSC | |
| | 22:55 | 23:25 | G,W,E | | | --- | inst. change | | |
| | 23:25 | 05:55 | G,W | X | 026 | Zhang | SpeX | MSC | |

Observer List**October, 2019**

- 001 Richard Cartwright, Joshua Emery, Noemi Pinilla-Alonso
003 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Gary Ferland, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Thaisa Storchi-Bergmann
011 Vishnu Reddy, Juan Sanchez
015 Joseph Hora, Elaine Winston
018 Glenn Orton, Thomas Momary, Kevin Baines, Arrate Antunano, Leigh Fletcher, James Sinclair, Patrick Irwin, Rohini Giles, Thomas Greathouse
025 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nick Moskovitz, Andy Lopez Oquendo
026 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
030 Jay Farihi, JJ Hermes, Ted von Hippel
033 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
037 Henrik Melin, Tom Stallard, Leigh Fletcher, Larry Trafton, Steve Miller, Nahid Chowdhury
041 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
047 Bryson Cale, Peter Plavchan, Angelle Tanner, Eric Gaidos, Johanna Teske, Jonathan Gagne
049 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
051 Peter Plavchan, Bryson Cale, Angelle Tanner, Jonathan Gagne
054 Indhu Varatharajan, Constantine Tsang, Jorn Helbert, Noam Izenberg
057 Driss Takir, Joshua Emery
058 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
059 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
062 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
069 Glenn Orton, Joseph Hora, James Sinclair, Leigh Fletcher, Arrate Antunano, Thomas Momary, Rohini Giles, Pdraig Donnelly, Henrik Melin, Thomas Greathouse, Michael H. Wong, Imke de Pater
080 Sierra Grant, Catherine Espaillat, Sean Brittain
081 Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Howie Marion, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
089 Bo Reipurth, Michael S. Connelley
091 Sean Graham, Lisa Prato, Joe Llama
092 Adam Burgasser, Chih-chun Hsu, Jessica Birky, David Hogg, Christian Aganze, Christopher Theissen, Cullen Blake
093 Peter Plavchan, Bryson Cale, Sharon Wang, Angelle Tanner, Johanna Teske, Claire Moutou, Ryan Cloutier, Elisabeth Newton
095 Miwa Goto, Anton Vasyunin, Stephanie Cazaux, Paola Caselli
096 Steven Silverberg, Marc Kuchner, John Wisniewski, Carey Lisse, Michael Sitko
109 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin
111 Kimberly Ward-Duong, Michael Petersen, Jeff Bary, Kate Follette, Suzan Edwards, Lena Komarova
112 Takashi Shimonishi, Adwin Boogert
113 Adwin Boogert, Karl Kaess, Matt Richter

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|-----------|-------------|-------|--------|-----------------|------------|-----|---------------------------|
| Nov. 1 Fr | 05:55 06:05 | G,W | | | --- | | facility close |
| Nov. 1 Fr | 18:05 18:35 | E | | | --- | | facility open |
| | 18:35 22:35 | E | X | 026 Zhang | SpeX | MSC | |
| | 22:35 01:35 | E | X | 062 Howell | SpeX | MSC | |
| Nov. 2 Sa | 01:35 05:55 | E | X | 026 Zhang | SpeX | MSC | |
| | 05:55 06:05 | E | | | --- | | facility close |
| Nov. 2 Sa | 18:05 18:35 | E | | | --- | | facility open |
| | 18:35 23:00 | E | | 999 Engineering | SpeX | SJB | 1st-year grads |
| | 23:00 03:00 | E | X | 033 Sickafoose | SpeX/MORIS | SJB | Occultation |
| Nov. 3 Su | 03:00 05:55 | E | X | 041 DeMeo | SpeX/MORIS | SJB | |
| | 05:55 06:05 | E | | | --- | | facility close |
| Nov. 3 Su | 11:15 11:45 | M,W | | | --- | | facility open |
| | 11:45 12:15 | M,W | | | --- | | inst. change |
| | 12:15 18:35 | M,W | X | 069 Orton | MIRSI | MSC | Daylight Obs |
| | 18:35 19:05 | E,C | | | --- | | inst. change |
| | 19:05 21:05 | E,C | X | 003 Landt | SpeX | MSC | |
| | 21:05 05:55 | E,C | X | 074 Avdellidou | SpeX/MORIS | SJB | |
| Nov. 4 Mo | 05:55 06:05 | E | | | --- | | facility close |
| | 10:00 11:45 | | | | --- | | inst. change |
| Nov. 4 Mo | 11:45 12:15 | M,W | | | --- | | facility open |
| | 12:15 18:35 | M,W | X | 069 Orton | MIRSI | MSC | Daylight Obs |
| | 18:35 22:55 | C | X | 025 Trilling | MIRSI/MOC | MSC | |
| | 22:55 23:25 | C | | | --- | | inst. change |
| | 23:25 05:55 | C | X | 087 Shahbandeh | SpeX/MORIS | MSC | |
| Nov. 5 Tu | 05:55 06:05 | C | | | --- | | facility close |
| Nov. 5 Tu | 11:45 12:15 | M,W | | | --- | | facility open |
| | 12:15 18:35 | M,W | X | 018 Orton | SpeX | MSC | Daylight Obs |
| | 18:35 19:30 | C | X | 059 Corlies | SpeX | SJB | Service Obs. |
| | 19:30 03:30 | C | X | 001 Cartwright | SpeX/MORIS | SJB | |
| Nov. 6 We | 03:30 05:55 | C | | 999 Engineering | TBD | SJB | |
| | 05:55 06:05 | C | | | --- | | facility close |
| Nov. 6 We | 11:45 12:15 | M,W | | | --- | | facility open |
| | 12:15 13:45 | M,W | X | 049 Rathbun | SpeX | MSC | Daylight Obs, Occultation |
| | 13:45 18:35 | M,W | X | 018 Orton | SpeX | MSC | Daylight Obs |
| | 18:35 21:30 | C,G,O | X | 026 Zhang | SpeX | MSC | |
| | 21:30 00:30 | C,G,O | X | 062 Howell | SpeX | SJB | |
| Nov. 7 Th | 00:30 05:55 | C | X | 033 Sickafoose | SpeX/MORIS | SJB | Occultation |
| | 05:55 06:05 | C | | | --- | | facility close |
| Nov. 7 Th | 18:05 18:35 | G,O | | | --- | | facility open |
| | 18:35 22:15 | G,O | X | 093 Plavchan | iSHELL | ACB | |
| | 22:15 00:15 | G,O | X | 047 Cale | iSHELL | ACB | |
| Nov. 8 Fr | 00:15 05:55 | G,O | X | 039 Han | iSHELL | ACB | |

| | | | | | | | | | |
|------------|-------|-------|-------|---|-----|-------------|------------|----------------|-----|
| | 05:55 | 06:05 | G,O | | | | --- | facility close | |
| Nov. 8 Fr | 18:05 | 18:35 | G,O | | | | --- | facility open | |
| | 18:35 | 22:15 | G,O | X | 093 | Plavchan | iSHELL | | ACB |
| | 22:15 | 00:15 | G,O | X | 047 | Cale | iSHELL | | ACB |
| Nov. 9 Sa | 00:15 | 05:55 | G,O | X | 039 | Han | iSHELL | | ACB |
| | 05:55 | 06:05 | G,O | | | | --- | facility close | |
| Nov. 9 Sa | 18:05 | 18:35 | G,O,E | | | | --- | facility open | |
| | 18:35 | 23:15 | G,O,E | | 999 | Engineering | TBD | | SJB |
| | 23:15 | 00:15 | G,O,E | X | 091 | Graham | iSHELL | | ACB |
| Nov. 10 Su | 00:15 | 05:55 | G,O | X | 110 | Smith | iSHELL | | ACB |
| | 05:55 | 06:05 | G,O | | | | --- | facility close | |
| Nov. 10 Su | 18:05 | 18:35 | E | | | | --- | facility open | |
| | 18:35 | 22:15 | E | X | 093 | Plavchan | iSHELL | | ACB |
| | 22:15 | 00:15 | E | X | 047 | Cale | iSHELL | | ACB |
| Nov. 11 Mo | 00:15 | 05:55 | E | X | 039 | Han | iSHELL | | ACB |
| | 05:55 | 06:05 | E | | | | --- | facility close | |
| Nov. 11 Mo | 18:05 | 18:35 | E | | | | --- | facility open | |
| | 18:35 | 22:15 | E | X | 093 | Plavchan | iSHELL | | ACB |
| | 22:15 | 00:15 | E | X | 047 | Cale | iSHELL | | ACB |
| Nov. 12 Tu | 00:15 | 05:55 | E | X | 039 | Han | iSHELL | | ACB |
| | 05:55 | 06:05 | E | | | | --- | facility close | |
| | 10:00 | 16:00 | | | | | --- | inst. change | |
| Nov. 12 Tu | 18:05 | 18:35 | E,C | | | | --- | facility open | |
| | 18:35 | 03:00 | E,C | X | 001 | Cartwright | SpeX/MORIS | | SJB |
| Nov. 13 We | 03:00 | 05:55 | E | X | 073 | Connelley | SpeX | | MSC |
| | 05:55 | 06:05 | E | | | | --- | facility close | |
| Nov. 13 We | 18:05 | 18:35 | C | | | | --- | facility open | |
| | 18:35 | 20:35 | C | X | 003 | Landt | SpeX | | SJB |
| | 20:35 | 23:35 | C | X | 062 | Howell | SpeX | | SJB |
| | 23:35 | 00:05 | C | | | | --- | inst. change | |
| Nov. 14 Th | 00:05 | 05:55 | C | X | 997 | Han | iSHELL | | ACB |
| | 05:55 | 06:05 | C | | | | --- | facility close | |
| Nov. 14 Th | 18:05 | 18:35 | C | | | | --- | facility open | |
| | 18:35 | 00:15 | C | X | 996 | Moore | iSHELL | | MSC |
| Nov. 15 Fr | 00:15 | 05:55 | C | X | 997 | Han | iSHELL | | ACB |
| | 05:55 | 06:05 | C | | | | --- | facility close | |
| Nov. 15 Fr | 18:05 | 18:35 | C,G,M | | | | --- | facility open | |
| | 18:35 | 00:15 | C,G,M | X | 075 | Connelley | iSHELL | | MSC |
| Nov. 16 Sa | 00:15 | 05:55 | C | X | 039 | Han | iSHELL | | ACB |
| | 05:55 | 06:05 | C | | | | --- | facility close | |
| Nov. 16 Sa | 18:05 | 18:35 | G,M | | | | --- | facility open | |
| | 18:35 | 19:05 | G,M | | | | --- | inst. change | |

| | | | | | | | | |
|------------|-------|-------|-------|---|-----|--------------------|------------|-----|
| | 19:05 | 21:35 | G,M | | 999 | Engineering | TBD | SJB |
| | 21:35 | 00:35 | G,M | X | 062 | Howell | SpeX | SJB |
| Nov. 17 Su | 00:35 | 05:55 | G,M | | 999 | Engineering | TBD | SJB |
| | 05:55 | 06:05 | G,M | | | --- facility close | | |
| Nov. 17 Su | 18:05 | 18:35 | G,M | | | --- facility open | | |
| | 18:35 | 19:05 | G,M | | | --- inst. change | | |
| | 19:05 | 01:15 | G,M | | 037 | Melin | iSHELL | ACB |
| Nov. 18 Mo | 01:15 | 05:55 | G,M | X | 075 | Connelley | iSHELL | MSC |
| | 05:55 | 06:05 | G,M | | | --- facility close | | |
| Nov. 18 Mo | 18:05 | 18:35 | G,M,E | | | --- facility open | | |
| | 18:35 | 01:15 | G,M,E | | 037 | Melin | iSHELL | ACB |
| Nov. 19 Tu | 01:15 | 05:55 | G,M | X | 075 | Connelley | iSHELL | MSC |
| | 05:55 | 06:05 | G,M | | | --- facility close | | |
| Nov. 19 Tu | 18:05 | 18:35 | E | | | --- facility open | | |
| | 18:35 | 01:15 | E | | 037 | Melin | iSHELL | ACB |
| Nov. 20 We | 01:15 | 05:55 | E | X | 075 | Connelley | iSHELL | MSC |
| | 05:55 | 06:05 | E | | | --- facility close | | |
| Nov. 20 We | 18:05 | 18:35 | E | | | --- facility open | | |
| | 18:35 | 01:15 | E | | 037 | Melin | iSHELL | ACB |
| Nov. 21 Th | 01:15 | 02:15 | E | X | 091 | Graham | iSHELL | ACB |
| | 02:15 | 05:55 | E | X | 023 | Hodapp | iSHELL | MSC |
| | 05:55 | 06:05 | E | | | --- facility close | | |
| | 10:00 | 16:00 | | | | --- inst. change | | |
| Nov. 21 Th | 18:05 | 18:35 | E,C | | | --- facility open | | |
| | 18:35 | 23:05 | E,C | X | 008 | Holler | SpeX/MORIS | SJB |
| | 23:05 | 03:25 | E | | 999 | Engineering | TBD | SJB |
| Nov. 22 Fr | 03:25 | 05:55 | E | X | 023 | Hodapp | SpeX | MSC |
| | 05:55 | 06:05 | E | | | --- facility close | | |
| Nov. 22 Fr | 18:05 | 18:35 | C | | | --- facility open | | |
| | 18:35 | 05:55 | C | X | 010 | Gagliuffi | SpeX | MSC |
| Nov. 23 Sa | 05:55 | 06:05 | C | | | --- facility close | | |
| Nov. 23 Sa | 18:05 | 18:35 | C | | | --- facility open | | |
| | 18:35 | 23:05 | C | X | 008 | Holler | SpeX/MORIS | SJB |
| | 23:05 | 05:55 | C | | 057 | Takir | SpeX | SJB |
| Nov. 24 Su | 05:55 | 06:05 | C | | | --- facility close | | |
| Nov. 24 Su | 18:05 | 18:35 | C,G,W | | | --- facility open | | |
| | 18:35 | 05:55 | C,G,W | X | 043 | Gaffey | SpeX/MORIS | SJB |
| Nov. 25 Mo | 05:55 | 06:05 | C | | | --- facility close | | |
| Nov. 25 Mo | 18:05 | 18:35 | G,W | | | --- facility open | | |
| | 18:35 | 23:05 | G,W | X | 008 | Holler | SpeX/MORIS | SJB |
| | 23:05 | 05:55 | G,W | | 057 | Takir | SpeX | SJB |
| Nov. 26 Tu | 05:55 | 06:05 | G,W | | | --- facility close | | |

| | | | | | | | | | |
|------------|-------|-------|-------|---|-----|--------------|----------------|-----|--------------|
| Nov. 26 Tu | 07:00 | 07:30 | M | | | --- | facility open | | |
| | 07:30 | 08:00 | M | | | --- | inst. change | | |
| | 08:00 | 13:50 | M | | 054 | Varatharajan | MIRSI/MOC | SJB | Daylight Obs |
| | 13:50 | 14:00 | M | | | --- | facility close | | |
| Nov. 26 Tu | 18:05 | 18:35 | G,W | | | --- | facility open | | |
| | 18:35 | 22:55 | G,W | X | 025 | Trilling | MIRSI/MOC | MSC | |
| | 22:55 | 05:55 | G,W | | 999 | Engineering | TBD | SJB | |
| Nov. 27 We | 05:55 | 06:05 | G,W | | | --- | facility close | | |
| Nov. 27 We | 07:00 | 07:30 | M | | | --- | facility open | | |
| | 07:30 | 08:00 | M | | | --- | inst. change | | |
| | 08:00 | 13:50 | M | | 054 | Varatharajan | MIRSI/MOC | SJB | Daylight Obs |
| | 13:50 | 14:00 | M | | | --- | facility close | | |
| | 14:00 | 16:00 | | | | --- | inst. change | | |
| Nov. 27 We | 18:05 | 18:35 | G,W,E | | | --- | facility open | | |
| | 18:35 | 23:05 | G,W,E | X | 008 | Holler | SpeX/MORIS | SJB | |
| | 23:05 | 05:55 | G,W | | 999 | Engineering | TBD | SJB | |
| Nov. 28 Th | 05:55 | 06:05 | G,W | | | --- | facility close | | |
| Nov. 28 Th | 18:05 | 18:35 | E | | | --- | facility open | | |
| | 18:35 | 05:55 | E | X | 011 | Reddy | SpeX/MORIS | SJB | |
| Nov. 29 Fr | 05:55 | 06:05 | E | | | --- | facility close | | |
| Nov. 29 Fr | 18:05 | 18:35 | E | | | --- | facility open | | |
| | 18:35 | 23:05 | E | X | 008 | Holler | SpeX/MORIS | SJB | |
| | 23:05 | 05:55 | E | X | 011 | Reddy | SpeX/MORIS | SJB | |
| Nov. 30 Sa | 05:55 | 06:05 | E | | | --- | facility close | | |
| Nov. 30 Sa | 18:05 | 18:35 | E,O | | | --- | facility open | | |
| | 18:35 | 00:15 | E,O | X | 041 | DeMeo | SpeX/MORIS | SJB | |

Observer List**November, 2019**

- 001 Richard Cartwright, Joshua Emery, Noemi Pinilla-Alonso
003 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Gary Ferland, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Thaisa Storchi-Bergmann
008 Bryan Holler, Richard Cartwright, Jason Hofgartner
010 Daniella Bardalez Gagliuffi, Christopher Theissen, Quinn Konopacky, Adam Burgasser
011 Vishnu Reddy, Juan Sanchez
018 Glenn Orton, Thomas Momary, Kevin Baines, Arrate Antunano, Leigh Fletcher, James Sinclair, Patrick Irwin, Rohini Giles, Thomas Greathouse
023 Klaus Hodapp, Bo Reipurth
025 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nick Moskovitz, Andy Lopez Oquendo
026 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
033 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
037 Henrik Melin, Tom Stallard, Leigh Fletcher, Larry Trafton, Steve Miller, Nahid Chowdhury
039 Eunkyun Han, Philip Muirhead
041 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
043 Michael Gaffey, Sherry Fieber-Beyer, Justin Germann
047 Bryson Cale, Peter Plavchan, Angelle Tanner, Eric Gaidos, Johanna Teske, Jonathan Gagne
049 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
054 Indhu Varatharajan, Constantine Tsang, Jorn Helbert, Noam Izenberg
057 Driss Takir, Joshua Emery
059 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
062 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
069 Glenn Orton, Joseph Hora, James Sinclair, Leigh Fletcher, Arrate Antunano, Thomas Momary, Rohini Giles, Pdraig Donnelly, Henrik Melin, Thomas Greathouse, Michael H. Wong, Imke de Pater
073 Michael Connelley, Lynne Hillenbrand, Bo Reipurth
074 Chrysa Avdellidou, Marco Delbo, Sonia Fornasier, Kevin Walsh, Gerard Van Belle
075 Michael Connelley, Christian Flores
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Howie Marion, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
091 Sean Graham, Lisa Prato, Joe Llama
093 Peter Plavchan, Bryson Cale, Sharon Wang, Angelle Tanner, Johanna Teske, Claire Moutou, Ryan Cloutier, Elisabeth Newton
110 Rachel Smith, Adwin Boogert

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|------------|-------------|-----------|--------|-----------------|----------------|-----|-------------|
| Dec. 1 Su | 00:15 05:55 | E | X | 087 Shahbandeh | SpeX/MORIS | SJB | |
| | 05:55 06:05 | E | | --- | facility close | | |
| Dec. 1 Su | 18:15 18:45 | O | | --- | facility open | | |
| | 18:45 23:15 | O | X | 008 Holler | SpeX/MORIS | SJB | |
| | 23:15 06:05 | O | X | 040 Bus | SpeX/MORIS | SJB | |
| Dec. 2 Mo | 06:05 06:15 | O | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Dec. 2 Mo | 18:15 18:45 | C,O | | --- | facility open | | |
| | 18:45 00:45 | C,O | X | 050 Chen | iSHELL | ACB | |
| Dec. 3 Tu | 00:45 06:05 | C,O | | 999 Engineering | TBD | SJB | |
| | 06:05 06:15 | C,O | | --- | facility close | | |
| Dec. 3 Tu | 18:15 18:45 | C,O,G,M,W | | --- | facility open | | |
| | 18:45 23:15 | C,O,G,M,W | X | 008 Holler | SpeX/MORIS | SJB | |
| | 23:15 06:05 | C,O | X | 040 Bus | SpeX/MORIS | SJB | |
| Dec. 4 We | 06:05 06:15 | C,O | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Dec. 4 We | 18:15 18:45 | G,M,W | | --- | facility open | | |
| | 18:45 06:05 | G,M,W | X | 081 Faggi | iSHELL | MSC | |
| Dec. 5 Th | 06:05 06:15 | G,M,W | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Dec. 5 Th | 18:15 18:45 | G,M,W | | --- | facility open | | |
| | 18:45 06:05 | G,M,W | X | 070 Connelley | SpeX | MSC | |
| Dec. 6 Fr | 06:05 06:15 | G,M,W | | --- | facility close | | |
| Dec. 6 Fr | 18:15 18:45 | G,M,W,E | | --- | facility open | | |
| | 18:45 06:05 | G,M,W,EX | | 070 Connelley | SpeX | MSC | |
| Dec. 7 Sa | 06:05 06:15 | G,M,W | | --- | facility close | | |
| Dec. 7 Sa | 18:15 18:45 | E | | --- | facility open | | |
| | 18:45 19:15 | E | | --- | inst. change | | |
| | 19:15 00:05 | E | X | 079 Flores | iSHELL | MSC | |
| Dec. 8 Su | 00:05 03:05 | E | X | 064 Flagg | iSHELL | ACB | First Night |
| | 03:05 06:05 | E | | 999 Engineering | TBD | SJB | |
| | 06:05 06:15 | E | | --- | facility close | | |
| Dec. 8 Su | 18:15 18:45 | E | | --- | facility open | | |
| | 18:45 23:05 | E | | 999 Engineering | TBD | SJB | |
| | 23:05 00:05 | E | X | 091 Graham | iSHELL | ACB | |
| Dec. 9 Mo | 00:05 03:05 | E | X | 064 Flagg | iSHELL | ACB | |
| | 03:05 06:05 | E | | 999 Engineering | TBD | SJB | |
| | 06:05 06:15 | E | | --- | facility close | | |
| Dec. 9 Mo | 18:15 18:45 | E,C | | --- | facility open | | |
| | 18:45 00:05 | E,C | X | 084 Gaidos | iSHELL | ACB | |
| Dec. 10 Tu | 00:05 03:05 | E | X | 064 Flagg | iSHELL | ACB | |
| | 03:05 06:05 | E | X | 084 Gaidos | iSHELL | ACB | |

| | | | | | | | | | |
|------------|-------|-------|-------|---|-----|------------|--------|-----|----------------|
| | 06:05 | 06:15 | E | | | | | --- | facility close |
| | 10:00 | 16:00 | | | | | | --- | inst. change |
| Dec. 10 Tu | 18:15 | 18:45 | C | | | | | --- | facility open |
| | 18:45 | 06:05 | C | X | 085 | Gaidos | SpeX | | ACB |
| Dec. 11 We | 06:05 | 06:15 | C | | | | | --- | facility close |
| Dec. 11 We | 18:15 | 18:45 | C | | | | | --- | facility open |
| | 18:45 | 06:05 | C | X | 085 | Gaidos | SpeX | | ACB |
| Dec. 12 Th | 06:05 | 06:15 | C | | | | | --- | facility close |
| | 10:00 | 16:00 | | | | | | --- | inst. change |
| Dec. 12 Th | 18:15 | 18:45 | C,G,O | | | | | --- | facility open |
| | 18:45 | 00:05 | C,G,O | X | 079 | Flores | iSHELL | | MSC |
| Dec. 13 Fr | 00:05 | 03:05 | C | X | 064 | Flagg | iSHELL | | ACB |
| | 03:05 | 06:05 | C | X | 084 | Gaidos | iSHELL | | ACB |
| | 06:05 | 06:15 | C | | | | | --- | facility close |
| Dec. 13 Fr | 18:15 | 18:45 | G,O | | | | | --- | facility open |
| | 18:45 | 00:05 | G,O | X | 079 | Flores | iSHELL | | MSC |
| Dec. 14 Sa | 00:05 | 03:05 | G,O | X | 064 | Flagg | iSHELL | | ACB |
| | 03:05 | 06:05 | G,O | X | 084 | Gaidos | iSHELL | | ACB |
| | 06:05 | 06:15 | G,O | | | | | --- | facility close |
| Dec. 14 Sa | 18:15 | 18:45 | G,O | | | | | --- | facility open |
| | 18:45 | 00:05 | G,O | X | 079 | Flores | iSHELL | | MSC |
| Dec. 15 Su | 00:05 | 03:05 | G,O | X | 064 | Flagg | iSHELL | | ACB |
| | 03:05 | 06:05 | G,O | X | 084 | Gaidos | iSHELL | | ACB |
| | 06:05 | 06:15 | G,O | | | | | --- | facility close |
| Dec. 15 Su | 18:15 | 18:45 | G,O,E | | | | | --- | facility open |
| | 18:45 | 00:05 | G,O,E | X | 075 | Connelley | iSHELL | | MSC |
| Dec. 16 Mo | 00:05 | 03:05 | G,O | X | 064 | Flagg | iSHELL | | ACB |
| | 03:05 | 06:05 | G,O | X | 079 | Flores | iSHELL | | MSC |
| | 06:05 | 06:15 | G,O | | | | | --- | facility close |
| Dec. 16 Mo | 18:15 | 18:45 | E | | | | | --- | facility open |
| | 18:45 | 00:05 | E | X | 075 | Connelley | iSHELL | | MSC |
| Dec. 17 Tu | 00:05 | 03:05 | E | X | 064 | Flagg | iSHELL | | ACB |
| | 03:05 | 06:05 | E | X | 079 | Flores | iSHELL | | MSC |
| | 06:05 | 06:15 | E | | | | | --- | facility close |
| Dec. 17 Tu | 18:15 | 18:45 | E | | | | | --- | facility open |
| | 18:45 | 00:05 | E | X | 111 | Ward-Duong | iSHELL | | ACB |
| Dec. 18 We | 00:05 | 03:05 | E | X | 064 | Flagg | iSHELL | | ACB |
| | 03:05 | 06:05 | E | X | 079 | Flores | iSHELL | | MSC |
| | 06:05 | 06:15 | E | | | | | --- | facility close |
| Dec. 18 We | 18:15 | 18:45 | E,C | | | | | --- | facility open |
| | 18:45 | 00:05 | E,C | X | 111 | Ward-Duong | iSHELL | | ACB |
| Dec. 19 Th | 00:05 | 03:05 | E | X | 064 | Flagg | iSHELL | | ACB |

| | | | | | | | | |
|------------|-------|-------|-------|---|-----|-------------|----------------|-----|
| | 03:05 | 06:05 | E | X | 079 | Flores | iSHELL | MSC |
| | 06:05 | 06:15 | E | | | --- | facility close | |
| Dec. 19 Th | 18:15 | 18:45 | C | | | --- | facility open | |
| | 18:45 | 22:15 | C | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | C | X | 064 | Flagg | iSHELL | ACB |
| Dec. 20 Fr | 01:15 | 06:05 | C | X | 075 | Connelley | iSHELL | MSC |
| | 06:05 | 06:15 | C | | | --- | facility close | |
| Dec. 20 Fr | 18:15 | 18:45 | C | | | --- | facility open | |
| | 18:45 | 22:15 | C | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | C | X | 064 | Flagg | iSHELL | ACB |
| Dec. 21 Sa | 01:15 | 06:05 | C | X | 075 | Connelley | iSHELL | MSC |
| | 06:05 | 06:15 | C | | | --- | facility close | |
| Dec. 21 Sa | 18:15 | 18:45 | C,O | | | --- | facility open | |
| | 18:45 | 22:15 | C,O | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | C,O | X | 064 | Flagg | iSHELL | ACB |
| Dec. 22 Su | 01:15 | 06:05 | C | X | 075 | Connelley | iSHELL | MSC |
| | 06:05 | 06:15 | C | | | --- | facility close | |
| Dec. 22 Su | 18:15 | 18:45 | O | | | --- | facility open | |
| | 18:45 | 22:15 | O | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | O | X | 064 | Flagg | iSHELL | ACB |
| Dec. 23 Mo | 01:15 | 06:05 | O | X | 075 | Connelley | iSHELL | MSC |
| | 06:05 | 06:15 | O | | | --- | facility close | |
| Dec. 23 Mo | 18:15 | 18:45 | O | | | --- | facility open | |
| | 18:45 | 22:15 | O | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | O | X | 064 | Flagg | iSHELL | ACB |
| Dec. 24 Tu | 01:15 | 02:15 | O | X | 091 | Graham | iSHELL | ACB |
| | 02:15 | 06:05 | O | | 999 | Engineering | TBD | SJB |
| | 06:05 | 06:15 | O | | | --- | facility close | |
| | ----- | ----- | | | | | Christmas Eve | |
| Dec. 25 We | ----- | ----- | | | | | Christmas | |
| Dec. 26 Th | 18:15 | 18:45 | E | | | --- | facility open | |
| | 18:45 | 22:15 | E | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | E | X | 064 | Flagg | iSHELL | ACB |
| Dec. 27 Fr | 01:15 | 01:45 | E | | | --- | inst. change | |
| | 01:45 | 03:45 | E | X | 073 | Connelley | SpeX | MSC |
| | 03:45 | 06:05 | E | | 999 | Engineering | TBD | SJB |
| | 06:05 | 06:15 | E | | | --- | facility close | |
| | 10:00 | 16:00 | | | | --- | inst. change | |
| Dec. 27 Fr | 18:15 | 18:45 | E,C,W | | | --- | facility open | |
| | 18:45 | 22:15 | E,C,W | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | E,C,W | X | 064 | Flagg | iSHELL | ACB |
| Dec. 28 Sa | 01:15 | 01:45 | E | | | --- | inst. change | |

| | | | | | | | | |
|------------|-------|-------|-----|---|-----|------------|----------------|-----|
| | 01:45 | 06:05 | E | | 057 | Takir | SpeX | ACB |
| | 06:05 | 06:15 | E | | | --- | facility close | |
| Dec. 28 Sa | 18:15 | 18:45 | C,W | | | --- | facility open | |
| | 18:45 | 19:15 | C,W | | | --- | inst. change | |
| | 19:15 | 22:15 | C,W | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | C,W | X | 064 | Flagg | iSHELL | ACB |
| Dec. 29 Su | 01:15 | 01:45 | C,W | | | --- | inst. change | |
| | 01:45 | 06:05 | C,W | X | 087 | Shahbandeh | SpeX/MORIS | ACB |
| | 06:05 | 06:15 | C,W | | | --- | facility close | |
| Dec. 29 Su | 18:15 | 18:45 | C,W | | | --- | facility open | |
| | 18:45 | 19:15 | C,W | | | --- | inst. change | |
| | 19:15 | 22:15 | C,W | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | C,W | X | 064 | Flagg | iSHELL | ACB |
| Dec. 30 Mo | 01:15 | 01:45 | C,W | | | --- | inst. change | |
| | 01:45 | 06:05 | C,W | X | 041 | DeMeo | SpeX/MORIS | SJB |
| | 06:05 | 06:15 | C,W | | | --- | facility close | |
| | 10:00 | 16:00 | | | | --- | inst. change | |
| Dec. 30 Mo | 18:15 | 18:45 | C,W | | | --- | facility open | |
| | 18:45 | 22:15 | C,W | X | 047 | Cale | iSHELL | ACB |
| | 22:15 | 01:15 | C,W | X | 064 | Flagg | iSHELL | ACB |
| Dec. 31 Tu | 01:15 | 01:45 | C,W | | | --- | inst. change | |
| | 01:45 | 06:05 | C,W | X | 011 | Reddy | SpeX/MORIS | ACB |
| | 06:05 | 06:15 | C,W | | | --- | facility close | |
| | ----- | ----- | | | | | New Year's Eve | |

Observer List**December, 2019**

008 Bryan Holler, Richard Cartwright, Jason Hofgartner
011 Vishnu Reddy, Juan Sanchez
040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
041 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
047 Bryson Cale, Peter Plavchan, Angelle Tanner, Eric Gaidos, Johanna Teske, Jonathan Gagne
050 Christine Chen, Sean Brittain, Brandon Johnson, Casey Lisse
057 Driss Takir, Joshua Emery
064 Laura Flagg, Asa Stahl, Christopher Johns-Krull, Lisa Prato, Larissa Nofi, Joe Llana
070 Michael Connelley
073 Michael Connelley, Lynne Hillenbrand, Bo Reipurth
075 Michael Connelley, Christian Flores
079 Christian Flores, Michael Connelley
081 Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
084 Eric Gaidos, Peter Plavchan
085 Eric Gaidos
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Howie Marion, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
091 Sean Graham, Lisa Prato, Joe Llana
111 Kimberly Ward-Duong, Michael Petersen, Jeff Bary, Kate Follette, Suzan Edwards, Lena Komarova

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|------------|-------------|---------|--------|-----------------|----------------|-----|----------------|
| Jan. 1 We | 18:30 19:00 | G | | --- | facility open | | |
| | 19:00 01:00 | G | X | 082 Luhman | SpeX | ACB | |
| Jan. 2 Th | 01:00 06:20 | G | | 999 Engineering | TBD | SJB | |
| | 06:20 06:30 | G | | --- | facility close | | |
| Jan. 2 Th | 18:30 19:00 | G,E | | --- | facility open | | |
| | 19:00 01:00 | G,E | X | 082 Luhman | SpeX | ACB | |
| Jan. 3 Fr | 01:00 06:20 | G | X | 074 Avdellidou | SpeX/MORIS | ACB | |
| | 06:20 06:30 | G | | --- | facility close | | |
| Jan. 3 Fr | 18:30 19:00 | E | | --- | facility open | | |
| | 19:00 01:00 | E | X | 082 Luhman | SpeX | ACB | |
| Jan. 4 Sa | 01:00 06:20 | E | X | 011 Reddy | SpeX/MORIS | ACB | |
| | 06:20 06:30 | E | | --- | facility close | | |
| Jan. 4 Sa | 18:30 19:00 | E | | --- | facility open | | |
| | 19:00 19:30 | E | | --- | inst. change | | |
| | 19:30 02:40 | E | | 005 Woodward | MIRSI/MOC | SJB | |
| Jan. 5 Su | 02:40 06:20 | E | X | 025 Trilling | MIRSI/MOC | SJB | |
| | 06:20 06:30 | E | | --- | facility close | | |
| Jan. 5 Su | 18:30 19:00 | E,C,W | | --- | facility open | | |
| | 19:00 02:40 | E,C,W | | 005 Woodward | MIRSI/MOC | SJB | |
| Jan. 6 Mo | 02:40 06:20 | E | X | 025 Trilling | MIRSI/MOC | SJB | |
| | 06:20 06:30 | E | | --- | facility close | | |
| | 10:00 16:00 | | | --- | inst. change | | |
| Jan. 6 Mo | 18:30 19:00 | C,W | | --- | facility open | | |
| | 19:00 23:59 | C,W | X | 011 Reddy | SpeX/MORIS | MSC | |
| | 23:59 02:30 | C,W | X | 023 Hodapp | SpeX | MSC | |
| Jan. 7 Tu | 02:30 06:20 | C,W | | 999 Engineering | TBD | SJB | |
| | 06:20 06:30 | C,W | | --- | facility close | | |
| Jan. 7 Tu | 18:30 19:00 | C,W | | --- | facility open | | |
| | 19:00 06:20 | C,W | | 999 Engineering | TBD | SJB | Counterweights |
| Jan. 8 We | 06:20 06:30 | C,W | | --- | facility close | | |
| Jan. 8 We | 18:30 19:00 | C,W,G,M | | --- | facility open | | |
| | 19:00 06:20 | C,W,G,M | | 999 Engineering | TBD | SJB | Counterweights |
| Jan. 9 Th | 06:20 06:30 | C,W | | --- | facility close | | |
| Jan. 9 Th | 18:30 19:00 | G,M | | --- | facility open | | |
| | 19:00 06:20 | G,M | | 999 Engineering | TBD | SJB | Counterweights |
| Jan. 10 Fr | 06:20 06:30 | G,M | | --- | facility close | | |
| Jan. 10 Fr | 18:30 19:00 | G,M | | --- | facility open | | |
| | 19:00 23:59 | G,M | X | 113 Boogert | iSHELL | ACB | |
| | 23:59 02:30 | G,M | X | 023 Hodapp | iSHELL | MSC | |
| Jan. 11 Sa | 02:30 06:20 | G,M | | 999 Engineering | TBD | SJB | |
| | 06:20 06:30 | G,M | | --- | facility close | | |
| Jan. 11 Sa | 18:30 19:00 | G,M,E | | --- | facility open | | |

| | | | | | | | | |
|------------|-------|-------|-------|---|-----|--------------------|------------|-----|
| | 19:00 | 23:59 | G,M,E | X | 113 | Boogert | iSHELL | ACB |
| | 23:59 | 01:00 | G,M | X | 091 | Graham | iSHELL | ACB |
| Jan. 12 Su | 01:00 | 06:20 | G,M | | 999 | Engineering | TBD | SJB |
| | 06:20 | 06:30 | G,M | | | --- facility close | | |
| Jan. 12 Su | 18:30 | 19:00 | E | | | --- facility open | | |
| | 19:00 | 19:30 | E | | | --- inst. change | | |
| | 19:30 | 00:40 | E | X | 016 | Dinerstein | iSHELL | MSC |
| Jan. 13 Mo | 00:40 | 01:10 | E | | | --- inst. change | | |
| | 01:10 | 06:20 | E | X | 010 | Gagliuffi | SpeX | MSC |
| | 06:20 | 06:30 | E | | | --- facility close | | |
| | 10:00 | 16:00 | | | | --- inst. change | | |
| Jan. 13 Mo | 18:30 | 19:00 | E | | | --- facility open | | |
| | 19:00 | 00:40 | E | X | 016 | Dinerstein | iSHELL | MSC |
| Jan. 14 Tu | 00:40 | 06:20 | E | | 999 | Engineering | TBD | SJB |
| | 06:20 | 06:30 | E | | | --- facility close | | |
| Jan. 14 Tu | 18:30 | 19:00 | E,C | | | --- facility open | | |
| | 19:00 | 00:40 | E,C | X | 016 | Dinerstein | iSHELL | MSC |
| Jan. 15 We | 00:40 | 06:20 | E | | 999 | Engineering | TBD | SJB |
| | 06:20 | 06:30 | E | | | --- facility close | | |
| Jan. 15 We | 18:30 | 19:00 | C | | | --- facility open | | |
| | 19:00 | 00:40 | C | X | 021 | Banzatti | iSHELL | ACB |
| Jan. 16 Th | 00:40 | 06:20 | C | | 999 | Engineering | TBD | SJB |
| | 06:20 | 06:30 | C | | | --- facility close | | |
| Jan. 16 Th | 18:30 | 19:00 | C | | | --- facility open | | |
| | 19:00 | 00:40 | C | X | 021 | Banzatti | iSHELL | ACB |
| Jan. 17 Fr | 00:40 | 06:20 | C | X | 092 | Burgasser | iSHELL | ACB |
| | 06:20 | 06:30 | C | | | --- facility close | | |
| Jan. 17 Fr | 18:30 | 19:00 | C,G,W | | | --- facility open | | |
| | 19:00 | 00:40 | C,G,W | X | 021 | Banzatti | iSHELL | ACB |
| Jan. 18 Sa | 00:40 | 06:20 | C | X | 092 | Burgasser | iSHELL | ACB |
| | 06:20 | 06:30 | C | | | --- facility close | | |
| Jan. 18 Sa | 18:30 | 19:00 | G,W | | | --- facility open | | |
| | 19:00 | 01:00 | G,W | X | 012 | Sltko | SpeX | MSC |
| Jan. 19 Su | 01:00 | 06:20 | G,W | X | 087 | Shahbandeh | SpeX/MORIS | MSC |
| | 06:20 | 06:30 | G,W | | | --- facility close | | |
| Jan. 19 Su | 18:30 | 19:00 | G,W | | | --- facility open | | |
| | 19:00 | 01:00 | G,W | X | 012 | Sltko | SpeX | MSC |
| Jan. 20 Mo | 01:00 | 06:20 | G,W | X | 087 | Shahbandeh | SpeX/MORIS | MSC |
| | 06:20 | 06:30 | G,W | | | --- facility close | | |
| Jan. 20 Mo | 18:30 | 19:00 | G,W,E | | | --- facility open | | |
| | 19:00 | 00:20 | G,W,E | X | 082 | Luhman | SpeX | MSC |
| Jan. 21 Tu | 00:20 | 06:20 | G,W | X | 041 | DeMeo | SpeX/MORIS | SJB |

| | | | | | | | | | | |
|------------|-------|-------|-------|---|-----|--------------|------------|--|-----|----------------|
| | 06:20 | 06:30 | G,W | | | | | | --- | facility close |
| Jan. 21 Tu | 18:30 | 19:00 | E | | | | | | --- | facility open |
| | 19:00 | 00:20 | E | X | 082 | Luhman | SpeX | | | MSC |
| Jan. 22 We | 00:20 | 06:20 | E | X | 074 | Avdellidou | SpeX/MORIS | | | SJB |
| | 06:20 | 06:30 | E | | | | | | --- | facility close |
| Jan. 22 We | 18:30 | 19:00 | E | | | | | | --- | facility open |
| | 19:00 | 00:20 | E | X | 082 | Luhman | SpeX | | | MSC |
| Jan. 23 Th | 00:20 | 06:20 | E | X | 074 | Avdellidou | SpeX/MORIS | | | SJB |
| | 06:20 | 06:30 | E | | | | | | --- | facility close |
| Jan. 23 Th | 18:30 | 19:00 | E,C | | | | | | --- | facility open |
| | 19:00 | 00:20 | E,C | X | 082 | Luhman | SpeX | | | MSC |
| Jan. 24 Fr | 00:20 | 06:20 | E | X | 011 | Reddy | SpeX/MORIS | | | MSC |
| | 06:20 | 06:30 | E | | | | | | --- | facility close |
| Jan. 24 Fr | 18:30 | 19:00 | C | | | | | | --- | facility open |
| | 19:00 | 00:40 | C | X | 995 | Grant | iSHELL | | | SJB |
| Jan. 25 Sa | 00:40 | 06:20 | C | X | 998 | UH Open Time | TBD | | | SJB |
| | 06:20 | 06:30 | C | | | | | | --- | facility close |
| Jan. 25 Sa | 18:30 | 19:00 | C | | | | | | --- | facility open |
| | 19:00 | 06:20 | C | X | 998 | UH Open Time | TBD | | | SJB |
| Jan. 26 Su | 06:20 | 06:30 | C | | | | | | --- | facility close |
| Jan. 26 Su | 18:30 | 19:00 | C,G,M | | | | | | --- | facility open |
| | 19:00 | 22:30 | C,G,M | X | 040 | Bus | SpeX/MORIS | | | SJB |
| | 22:30 | 01:30 | C | X | 073 | Connelley | SpeX | | | MSC |
| Jan. 27 Mo | 01:30 | 06:20 | C | X | 040 | Bus | SpeX/MORIS | | | SJB |
| | 06:20 | 06:30 | C | | | | | | --- | facility close |
| | 10:00 | 16:00 | | | | | | | --- | inst. change |
| Jan. 27 Mo | 18:30 | 19:00 | G,M | | | | | | --- | facility open |
| | 19:00 | 23:00 | G,M | X | 014 | Boogert | iSHELL | | | ACB |
| | 23:00 | 00:05 | G,M | X | 091 | Graham | iSHELL | | | ACB |
| Jan. 28 Tu | 00:05 | 00:35 | G,M | | | | | | --- | inst. change |
| | 00:35 | 06:20 | G,M | X | 040 | Bus | SpeX/MORIS | | | SJB |
| | 06:20 | 06:30 | G,M | | | | | | --- | facility close |
| Jan. 28 Tu | 18:30 | 19:00 | G,M | | | | | | --- | facility open |
| | 19:00 | 06:20 | G,M | X | 010 | Gagliuffi | SpeX | | | MSC |
| Jan. 29 We | 06:20 | 06:30 | G,M | | | | | | --- | facility close |
| Jan. 29 We | 18:30 | 19:00 | G,M,E | | | | | | --- | facility open |
| | 19:00 | 06:20 | G,M,E | | 057 | Takir | SpeX | | | MSC |
| Jan. 30 Th | 06:20 | 06:30 | G,M | | | | | | --- | facility close |
| Jan. 30 Th | 18:30 | 19:00 | E | | | | | | --- | facility open |
| | 19:00 | 01:00 | E | X | 012 | Sltko | SpeX | | | MSC |
| Jan. 31 Fr | 01:00 | 06:20 | E | | 999 | Engineering | TBD | | | SJB |
| | 06:20 | 06:30 | E | | | | | | --- | facility close |

| | | | | | | | | | | |
|---------|----|-------|-------|---|---|-----|-----|---------------|------|-----|
| Jan. 31 | Fr | 18:30 | 19:00 | E | | | --- | facility open | | |
| | | 19:00 | 01:00 | E | X | 012 | SI | tko | SpeX | MSC |

Observer List

January, 2020

- 005 Chick Woodward, Michael S.P. Kelley, David Harker, Diane Wooden
- 010 Daniella Bardalez Gagliuffi, Christopher Theissen, Quinn Konopacky, Adam Burgasser
- 011 Vishnu Reddy, Juan Sanchez
- 012 Michael Sitko, Ray Russell, Jon Mauerhan, Daryl Kim, William Danchi, Carol Grady, Dakotah Tyler, Korash Assani, Zoe Lee
- 014 Adwin Boogert, Karl Kaess, Matt Richter
- 016 Harriet Dinerstein, Nicholas Sterling, William Vacca
- 021 Andrea Banzatti, Sean Brittain, Stanley Jensen, Madison Walder, John Rayner
- 023 Klaus Hodapp, Bo Reipurth
- 025 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nick Moskovitz, Andy Lopez Oquendo
- 040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
- 041 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
- 057 Driss Takir, Joshua Emery
- 073 Michael Connelley, Lynne Hillenbrand, Bo Reipurth
- 074 Chrysa Avdellidou, Marco Delbo, Sonia Fornasier, Kevin Walsh, Gerard Van Belle
- 082 Kevin Luhman
- 087 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Howie Marion, Andy Howell, Peter Hoefflich, Max Stritzinger, Chris Ashall
- 091 Sean Graham, Lisa Prato, Joe Llama
- 092 Adam Burgasser, Chih-chun Hsu, Jessica Birky, David Hogg, Christian Aganze, Christopher Theissen, Cullen Blake
- 113 Adwin Boogert, Karl Kaess, Matt Richter

| HST Date | HST Time | TO | Remote | Prog & PI | Instr | SA | Comments |
|-----------|-------------|----|--------|--------------------|------------|-----|----------|
| Feb. 1 Sa | 01:00 06:20 | E | X | 011 Reddy | SpeX/MORIS | MSC | |
| | 06:20 06:30 | E | | --- facility close | | | |

Observer List

011 Vishnu Reddy, Juan Sanchez

February, 2020

HST date (Hawaii Standard Time) is listed for the first program starting after midnight (00:00) each day. Any date ambiguities should be resolved by the fact that programs are listed in strict time sequence. If you have any questions regarding the schedule or corrections, please email Bobby Bus at the following address: sjb@ifh.hawaii.edu

All observing must occur within the listed dates and times and only with the personnel listed on this schedule. Any changes to the dates, times, and observing personnel must be approved by the IRTF Director at least 1 month in advance; please submit requests earlier.

Support at the telescope by staff astronomers is only guaranteed for the first night of each observer's first run with an IRTF facility instrument as indicated by "First Night" in the Comments column above. Please confirm this verbally with your support astronomer.

Please return your Observing Requirements Form by the date indicated, approximately one month in advance of your run. Please note that IRTF facility instrumentation is provided as documented on our web site (<http://irtfweb.ifa.hawaii.edu>); modifications for individuals are usually not possible unless agreed upon by IRTF staff adequately in advance.

Driving IRTF vehicles is a privilege granted to observers with valid driver's license. Please read and obey our vehicle policy. This includes using IRTF vehicles only for official travel between Hilo, Hale Pohaku, and the summit at the times you have indicated. All changes to your vehicle usage must be communicated to and approved by Imai Namahoe, the IRTF Observatory Manager.

SA (Support Astronomer)
ACB = Adwin Boogert
MSC = Michael Connelley
SJB = Bobby Bus
JTR = John Rayner