

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Aug. 1 Su	18:25 18:55	E		---	facility open		
	18:55 21:10	E	X	087 Mitchell	SpeX	MSC	
	21:10 03:20	E	X	996 Woodward	SpeX	MSC	
Aug. 2 Mo	03:20 06:15	E	X	103 Howell	SpeX	SJB	
	06:15 06:25	E		---	facility close		
Aug. 2 Mo	18:25 18:55	E		---	facility open		
	18:55 20:45	E	X	117 Protopapa	SpeX/MORIS	SJB	
	20:45 06:15	E	X	093 Emery	SpeX/MORIS	SJB	
Aug. 3 Tu	06:15 06:25	E		---	facility close		
Aug. 3 Tu	18:25 18:55	E,C		---	facility open		
	18:55 00:15	E,C	X	044 Lau	SpeX	SJB	First Night
Aug. 4 We	00:15 06:15	E	X	035 Manjavacas	SpeX	MSC	
	06:15 06:25	E		---	facility close		
Aug. 4 We	18:25 18:55	C		---	facility open		
	18:55 21:10	C	X	087 Mitchell	SpeX	MSC	
	21:10 06:15	C	X	003 Reddy	SpeX/MORIS	MSC	
Aug. 5 Th	06:15 06:25	C		---	facility close		
	10:00 16:00			---	inst. change		
Aug. 5 Th	18:25 18:55	C		---	facility open		
	18:55 01:25	C	X	039 Han	iSHELL	ACB	
Aug. 6 Fr	01:25 03:55	C	X	076 Hinkle	iSHELL	ACB	First Night
	03:55 06:15	C	X	126 Smith	iSHELL	ACB	
	06:15 06:25	C		---	facility close		
Aug. 6 Fr	18:25 18:55	C,G		---	facility open		
	18:55 01:25	C,G	X	039 Han	iSHELL	ACB	
Aug. 7 Sa	01:25 05:45	C	X	126 Smith	iSHELL	ACB	
	05:45 06:15	C		---	inst. change		
	06:15 06:25	C		---	facility close		
Aug. 7 Sa	18:25 18:55	G		---	facility open		
	18:55 21:10	G	X	087 Mitchell	SpeX	MSC	
	21:10 02:05	G	X	066 Hinkle	SpeX/MORIS	MSC	First Night
Aug. 8 Su	02:05 02:50	G	X	108 Corlies	SpeX	MSC	Service Obs.
	02:50 04:20	G	X	088 Tate	SpeX	MSC	Io eclipse
	04:20 06:15	G	X	085 Gaidos	SpeX	MSC	
	06:15 06:25	G		---	facility close		
Aug. 8 Su	18:25 18:55	G		---	facility open		
	18:55 02:10	G	X	015 DeMeo	SpeX/MORIS	SJB	
Aug. 9 Mo	02:10 03:55	G	X	033 Landt	SpeX	SJB	
	03:55 06:15	G	X	064 Popescu	SpeX/MORIS	SJB	
	06:15 06:25	G		---	facility close		
	10:00 16:00			---	inst. change		
Aug. 9 Mo	18:25 18:55	G,E,W		---	facility open		

	18:55	20:45	G,E,W		999	Engineering	MIRSI	MSC	
	20:45	21:15	G,E,W			--- inst. change			
	21:15	22:45	G,E,W	X	088	Tate	SpeX	SJB	Io eclipse
	22:45	23:30	G,E,W	X	108	Corlies	SpeX	SJB	Service Obs.
	23:30	01:25	G,E,W		999	Engineering	TBD	SJB	
Aug. 10 Tu	01:25	03:55	G	X	014	Young	SpeX	SJB	
	03:55	06:15	G	X	064	Popescu	SpeX/MORIS	SJB	
	06:15	06:25	G			--- facility close			
Aug. 10 Tu	18:25	18:55	W			--- facility open			
	18:55	20:10	W	X	080	Fischer	SpeX	SJB	
	20:10	03:55	W	X	002	Cartwright	SpeX/MORIS	SJB	
Aug. 11 We	03:55	06:15	W	X	064	Popescu	SpeX/MORIS	SJB	
	06:15	06:25	W			--- facility close			
Aug. 11 We	18:25	18:55	E			--- facility open			
	18:55	21:10	E	X	087	Mitchell	SpeX	MSC	
	21:10	03:55	E	X	015	DeMeo	SpeX/MORIS	SJB	
Aug. 12 Th	03:55	06:15	E	X	064	Popescu	SpeX/MORIS	SJB	
	06:15	06:25	E			--- facility close			
Aug. 12 Th	18:25	18:55	E,C,O			--- facility open			
	18:55	00:15	E,C,O	X	044	Lau	SpeX	MSC	
Aug. 13 Fr	00:15	01:00	E	X	108	Corlies	SpeX	MSC	Service Obs.
	01:00	01:30	E	X	088	Tate	SpeX	MSC	Service Obs.
	01:30	03:55	E	X	061	Theissen	SpeX	MSC	
	03:55	06:15	E	X	064	Popescu	SpeX/MORIS	MSC	
	06:15	06:25	E			--- facility close			
Aug. 13 Fr	18:25	18:55	O			--- facility open			
	18:55	00:15	O	X	044	Lau	SpeX	MSC	
Aug. 14 Sa	00:15	00:45	O	X	088	Tate	SpeX	MSC	Service Obs.
	00:45	03:55	O	X	061	Theissen	SpeX	MSC	
	03:55	06:15	O	X	064	Popescu	SpeX/MORIS	MSC	
	06:15	06:25	O			--- facility close			
Aug. 14 Sa	18:25	18:55	O			--- facility open			
	18:55	21:10	O	X	087	Mitchell	SpeX	MSC	
	21:10	00:15	O		999	Engineering	TBD	SJB	
Aug. 15 Su	00:15	06:15	O	X	002	Cartwright	SpeX/MORIS	SJB	
	06:15	06:25	O			--- facility close			
Aug. 15 Su	18:25	18:55	O,G			--- facility open			
	18:55	20:10	O,G	X	080	Fischer	SpeX	SJB	
	20:10	23:00	O,G		999	Engineering	TBD	SJB	
	23:00	23:45	O,G	X	108	Corlies	SpeX	SJB	Service Obs.
	23:45	00:15	O,G	X	088	Tate	SpeX	SJB	Service Obs.
Aug. 16 Mo	00:15	06:15	O	X	002	Cartwright	SpeX/MORIS	SJB	

	06:15	06:25	O				---	facility close		
Aug. 16 Mo	18:25	18:55	G				---	facility open		
	18:55	22:55	G	X	069	Lucey	SpeX		ACB	
	22:55	00:25	G	X	038	Luhman	SpeX		ACB	
Aug. 17 Tu	00:25	06:15	G	X	035	Manjavacas	SpeX		ACB	
	06:15	06:25	G				---	facility close		
Aug. 17 Tu	18:25	18:55	G				---	facility open		
	18:55	22:55	G	X	069	Lucey	SpeX		ACB	
	22:55	06:15	G	X	061	Theissen	SpeX		ACB	
Aug. 18 We	06:15	06:25	G				---	facility close		
Aug. 18 We	18:25	18:55	G,E				---	facility open		
	18:55	21:10	G,E	X	087	Mitchell	SpeX		ACB	
	21:10	01:10	G,E	X	069	Lucey	SpeX		ACB	
Aug. 19 Th	01:10	01:40	G	X	088	Tate	SpeX		ACB	Service Obs.
	01:40	06:15	G	X	058	Tinyanont	SpeX/MORIS		ACB	
	06:15	06:25	G				---	facility close		
	10:00	16:00					---	inst. change		
Aug. 19 Th	18:25	18:55	E				---	facility open		
	18:55	20:30	E		999	Engineering	MIRSI		MSC	
	20:30	21:00	E				---	inst. change		
	21:00	01:00	E	X	069	Lucey	SpeX		SJB	
Aug. 20 Fr	01:00	03:00	E	X	117	Protopapa	SpeX/MORIS		SJB	
	03:00	06:15	E		999	Engineering	TBD		SJB	
	06:15	06:25	E				---	facility close		
Aug. 20 Fr	18:25	18:55	E				---	facility open		
	18:55	21:10	E	X	087	Mitchell	SpeX		MSC	
	21:10	21:55	E	X	108	Corlies	SpeX		MSC	Service Obs.
	21:55	22:25	E	X	088	Tate	SpeX		MSC	Service Obs.
	22:25	06:15	E	X	048	Delbo	SpeX/MORIS		MSC	
Aug. 21 Sa	06:15	06:25	E				---	facility close		
Aug. 21 Sa	18:25	18:55	E,C,W				---	facility open		
	18:55	20:10	E,C,W	X	080	Fischer	SpeX		MSC	
	20:10	06:15	E,C,W	X	048	Delbo	SpeX/MORIS		MSC	
Aug. 22 Su	06:15	06:25	E				---	facility close		
Aug. 22 Su	18:25	18:55	W				---	facility open		
	18:55	06:15	W		999	Engineering	TBD		SJB	
Aug. 23 Mo	06:15	06:25	W				---	facility close		
Aug. 23 Mo	18:25	18:55	C				---	facility open		
	18:55	21:00	C	X	087	Mitchell	SpeX		SJB	
	21:00	04:45	C	X	048	Delbo	SpeX/MORIS		SJB	
Aug. 24 Tu	04:45	06:15	C	X	080	Fischer	SpeX		SJB	
	06:15	06:25	C				---	facility close		

Aug. 24 Tu	18:25	18:55	C,G				---	facility open		
	18:55	23:30	C,G		999	Engineering	TBD		SJB	
	23:30	06:15	C	X	035	Manjavacas	SpeX		ACB	
Aug. 25 We	06:15	06:25	C				---	facility close		
Aug. 25 We	18:25	18:55	G				---	facility open		
	18:55	22:10	G	X	058	Tinyanont	SpeX/MORIS		ACB	
	22:10	23:40	G	X	088	Tate	SpeX		ACB	Io eclipse
	23:40	00:25	G	X	108	Corlies	SpeX		ACB	Service Obs.
Aug. 26 Th	00:25	02:15	G	X	051	Kaplan	SpeX/MORIS		SJB	First Night
	02:15	06:15	G	X	069	Lucey	SpeX		SJB	
	06:15	06:25	G				---	facility close		
Aug. 26 Th	18:25	18:55	G				---	facility open		
	18:55	23:15	G	X	049	Dubber	SpeX		SJB	
	23:15	23:45	G	X	088	Tate	SpeX		SJB	Service Obs.
	23:45	02:15	G	X	032	Karovska	SpeX/MORIS		MSC	
Aug. 27 Fr	02:15	06:15	G	X	069	Lucey	SpeX		MSC	
	06:15	06:25	G				---	facility close		
Aug. 27 Fr	18:25	18:55	G,E				---	facility open		
	18:55	23:00	G,E	X	049	Dubber	SpeX		SJB	
	23:00	23:45	G,E	X	108	Corlies	SpeX		SJB	Service Obs.
	23:45	02:15	G	X	032	Karovska	SpeX/MORIS		MSC	
Aug. 28 Sa	02:15	06:15	G	X	069	Lucey	SpeX		MSC	
	06:15	06:25	G				---	facility close		
Aug. 28 Sa	18:25	18:55	E				---	facility open		
	18:55	23:15	E	X	049	Dubber	SpeX		SJB	
	23:15	23:45	E	X	088	Tate	SpeX		SJB	Service Obs.
	23:45	02:15	E	X	032	Karovska	SpeX/MORIS		MSC	
Aug. 29 Su	02:15	06:15	E	X	069	Lucey	SpeX		MSC	
	06:15	06:25	E				---	facility close		
Aug. 29 Su	18:25	18:55	E				---	facility open		
	18:55	21:00	E	X	087	Mitchell	SpeX		MSC	
	21:00	06:15	E	X	118	Rackham	SpeX		MSC	First Night
Aug. 30 Mo	06:15	06:25	E				---	facility close		
Aug. 30 Mo	18:25	18:55	E,C				---	facility open		
	18:55	23:30	E,C	X	066	Hinkle	SpeX/MORIS		SJB	
	23:30	06:15	E	X	035	Manjavacas	SpeX		ACB	
Aug. 31 Tu	06:15	06:25	E				---	facility close		
	10:00	16:00					---	inst. change		
Aug. 31 Tu	18:25	18:55	C				---	facility open		
	18:55	00:35	C	X	008	Bjoraker	iSHELL		ACB	

Observer List**August, 2021**

002 Richard Cartwright, Bryan Holler, Silvia Protopapa, Michael Lucas, Tom Nordheim
003 Vishnu Reddy, Juan Sanchez, Adam Battle, Ben Sharkey, Teddy Kareta
008 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
014 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
015 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
032 Margarita Karovska, Joseph Hora, Massimo Marengo
033 Hermine Landt, Junjie Mao, Missagh Mehdipour, Dan Stern, Mike Brotherton, Jerry Kriss, Jon Miller
035 Elena Manjavacas, Daniela Bardalez-Gagliuffi, Afra Ashraf, Johanna Vos
038 Kevin Luhman
039 Eunkyun Han, Gregory Mace, Amber Medina
044 Ryan Lau, Izumi Endo, Itsuki Sakon, Jon Mauerhan, Yannis Argyriou, Peredur Williams
048 Marco Delbo, Chrysa Avdellidou, Joules Bourdelle De Micas, Laurent Galluccio, Paolo Tanga, Sonia Fornasier, Alberto Cellino
049 Sophie Dubber, Beth Biller, Michael Liu, Jessy Jose, Zhoujian Zhang, Katelyn Allers, Loic Albert
051 Hannah Kaplan, Margaret McAdam, Andrew Rivkin, Cristina Thomas
058 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
061 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
064 Marcel Popescu, Carlos de la Fuente Marcos, Julia de Leon, Eri Tatsumi, Javier Licandro, Ovidiu Vaduvescu, Raul de la Fuente Marcos
066 Jason Hinkle, Benjamin Shappee, Christopher Ashall, Anna Payne
069 Paul Lucey, Casey Honniball, Abigail Flom, Chiara Ferrari-Wong
076 Kenneth Hinkle, Sean Brittain, Francis Fekel, Thomas Lebzelter, Adwin Boogert
080 Will Fischer, Tracy Beck, James Muzerolle
085 Eric Gaidos, Rena Lee, Teruyuki Hirano
087 Jake Mitchell, Hermine Landt, Martin Ward, Daniel Kynoch, Keith Horne, Brad Peterson, Ed Cackett, Varoujan Gorjian, Juan Hernandez Santisteban, Mike Brotherton, Laura Ferrarese, Thaisa Storchi-Bergmann
088 Christian Tate, Julie Rathbun, Alexander Hayes
093 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
103 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers, Sean Marshall, Chris Magri
108 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mitchell, Juan Lora, Jonathan Lunine
117 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
118 Benjamin Rackham, Julien de Wit, Maximilian Guenther, Daniel Sebastian, Adam Burgasser
126 Rachel Smith, Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Sep. 1 We	00:35 06:15	C		999 Engineering	TBD	SJB	
	06:15 06:25	C		--- facility close			
Sep. 1 We	18:15 18:45	C		--- facility open			
	18:45 20:45	C	X	087 Mitchell	SpeX	MSC	
	20:45 23:55	C	X	121 Norris	SpeX	SJB	First Night
	23:55 01:25	C	X	088 Tate	SpeX	SJB	Io eclipse
Sep. 2 Th	01:25 06:05	C	X	121 Norris	SpeX	SJB	
	06:05 06:15	C		--- facility close			
	10:00 16:00			--- inst. change			
Sep. 2 Th	18:15 18:45	C,G		--- facility open			
	18:45 21:45	C,G		999 Engineering	MIRSI	MSC	
	21:45 22:15	C,G		--- inst. change			
	22:15 06:05	C,G		999 Engineering	TBD	SJB	
Sep. 3 Fr	06:05 06:15	C		--- facility close			
Sep. 3 Fr	18:15 18:45	G		--- facility open			
	18:45 20:45	G	X	087 Mitchell	SpeX	MSC	
	20:45 02:15	G	X	089 Orton	SpeX	MSC	
Sep. 4 Sa	02:15 04:45	G		999 Engineering	TBD	SJB	
	04:45 06:05	G	X	080 Fischer	SpeX	MSC	
	06:05 06:15	G		--- facility close			
Sep. 4 Sa	18:15 18:45	G		--- facility open			
	18:45 20:15	G	X	117 Protospapa	SpeX/MORIS	ACB	
	20:15 02:15	G	X	089 Orton	SpeX	ACB	
Sep. 5 Su	02:15 06:05	G	X	058 Tityanont	SpeX/MORIS	ACB	
	06:05 06:15	G		--- facility close			
Sep. 5 Su	18:15 18:45	G,E		--- facility open			
	18:45 19:15	G,E		--- inst. change			
	19:15 06:05	G,E	X	038 Luhman	iSHELL	ACB	
Sep. 6 Mo	06:05 06:15	G		--- facility close			
	10:00 16:00			--- inst. change			
Sep. 6 Mo	18:15 18:45	E		--- facility open			
	18:45 21:45	E	X	058 Tityanont	SpeX/MORIS	MSC	
	21:45 22:30	E	X	108 Corlies	SpeX	MSC	Service Obs.
	22:30 23:00	E	X	088 Tate	SpeX	MSC	Service Obs.
	23:00 01:15	E	X	112 Thomas	SpeX/MORIS	MSC	
Sep. 7 Tu	01:15 06:05	E	X	035 Manjavacas	SpeX	MSC	
	06:05 06:15	E		--- facility close			
Sep. 7 Tu	18:15 18:45	E,O		--- facility open			
	18:45 06:05	E,O	X	093 Emery	SpeX/MORIS	SJB	
Sep. 8 We	06:05 06:15	E		--- facility close			
Sep. 8 We	18:15 18:45	O,C		--- facility open			
	18:45 23:10	O,C	X	015 DeMeo	SpeX/MORIS	SJB	

	23:10	23:55	O,C	X	108	Corlies	SpeX	SJB	Service Obs.
	23:55	01:40	O	X	033	Landt	SpeX	SJB	
Sep. 9 Th	01:40	03:10	O	X	088	Tate	SpeX	SJB	Io eclipse
	03:10	06:05	O	X	015	DeMeo	SpeX/MORIS	SJB	
	06:05	06:15	O			--- facility close			
Sep. 9 Th	18:15	18:45	C			--- facility open			
	18:45	06:05	C	X	003	Reddy	SpeX/MORIS	SJB	
Sep. 10 Fr	06:05	06:15	C			--- facility close			
Sep. 10 Fr	18:15	18:45	C			--- facility open			
	18:45	20:05	C		999	Engineering	TBD	SJB	
	20:05	21:35	C	X	088	Tate	SpeX	MSC	Io eclipse
	21:35	06:05	C	X	028	Schneider	SpeX	MSC	
Sep. 11 Sa	06:05	06:15	C			--- facility close			
Sep. 11 Sa	18:15	18:45	C,G			--- facility open			
	18:45	23:20	C,G	X	015	DeMeo	SpeX/MORIS	MSC	
	23:20	06:05	C,G	X	035	Manjavacas	SpeX	MSC	
Sep. 12 Su	06:05	06:15	C			--- facility close			
Sep. 12 Su	18:15	18:45	G			--- facility open			
	18:45	19:15	G			--- inst. change			
	19:15	06:05	G	X	018	Lee	iSHELL	ACB	
Sep. 13 Mo	06:05	06:15	G			--- facility close			
Sep. 13 Mo	18:15	18:45	G			--- facility open			
	18:45	06:05	G		999	Engineering	TBD	SJB	
Sep. 14 Tu	06:05	06:15	G			--- facility close			
Sep. 14 Tu	18:15	18:45	G,E			--- facility open			
	18:45	06:05	G,E	X	111	Burgasser	SpeX	MSC	
Sep. 15 We	06:05	06:15	G			--- facility close			
	10:00	16:00				--- inst. change			
Sep. 15 We	18:15	18:45	E			--- facility open			
	18:45	21:35	E		999	Engineering	MIRSI	MSC	
	21:35	22:05	E			--- inst. change			
	22:05	22:50	E	X	108	Corlies	SpeX	MSC	Service Obs.
	22:50	23:20	E	X	088	Tate	SpeX	MSC	Service Obs.
	23:20	06:05	E	X	035	Manjavacas	SpeX	MSC	
Sep. 16 Th	06:05	06:15	E			--- facility close			
Sep. 16 Th	18:15	18:45	E			--- facility open			
	18:45	23:45	E		999	Engineering	TBD	SJB	
	23:45	04:45	E	X	066	Hinkle	SpeX/MORIS	MSC	
Sep. 17 Fr	04:45	06:05	E	X	080	Fischer	SpeX	MSC	
	06:05	06:15	E			--- facility close			
Sep. 17 Fr	18:15	18:45	E,C			--- facility open			
	18:45	21:45	E,C	X	086	Holler	SpeX	MSC	

	21:45	23:20	E,C	X	088	Tate	SpeX	MSC	Io eclipse
	23:20	02:05	E,C	X	014	Young	SpeX	MSC	
Sep. 18 Sa	02:05	06:05	E	X	103	Howell	SpeX	MSC	
	06:05	06:15	E			--- facility close			
Sep. 18 Sa	18:15	18:45	C			--- facility open			
	18:45	21:45	C	X	086	Holler	SpeX	ACB	
	21:45	06:05	C	X	061	Theissen	SpeX	ACB	
Sep. 19 Su	06:05	06:15	C			--- facility close			
Sep. 19 Su	18:15	18:45	C			--- facility open			
	18:45	21:45	C	X	086	Holler	SpeX	ACB	
	21:45	06:05	C	X	114	Zhang	SpeX	ACB	
Sep. 20 Mo	06:05	06:15	C			--- facility close			
Sep. 20 Mo	18:15	18:45	C,G			--- facility open			
	18:45	21:45	C,G	X	086	Holler	SpeX	ACB	
	21:45	22:30	C,G	X	089	Orton	SpeX	ACB	
	22:30	06:05	C	X	035	Manjavacas	SpeX	ACB	
Sep. 21 Tu	06:05	06:15	C			--- facility close			
Sep. 21 Tu	18:15	18:45	G			--- facility open			
	18:45	21:45	G	X	086	Holler	SpeX	ACB	
	21:45	22:30	G	X	089	Orton	SpeX	ACB	
	22:30	23:15	G	X	108	Corlies	SpeX	ACB	Service Obs.
	23:15	23:45	G	X	088	Tate	SpeX	ACB	Service Obs.
	23:45	06:05	G	X	041	Damian	SpeX	ACB	First Night
Sep. 22 We	06:05	06:15	G			--- facility close			
	10:00	16:00				--- inst. change			
Sep. 22 We	18:15	18:45	G			--- facility open			
	18:45	21:45	G		999	Engineering	MIRSI	MSC	
	21:45	22:15	G			--- inst. change			
	22:15	00:45	G		999	Engineering	TBD	SJB	
Sep. 23 Th	00:45	06:05	G	X	041	Damian	SpeX	ACB	
	06:05	06:15	G			--- facility close			
Sep. 23 Th	18:15	18:45	G,E			--- facility open			
	18:45	21:40	G,E	X	058	Tinyanont	SpeX/MORIS	MSC	
	21:40	22:25	G,E	X	108	Corlies	SpeX	MSC	Service Obs.
	22:25	22:55	G,E	X	088	Tate	SpeX	MSC	Service Obs.
	22:55	01:55	G,E	X	103	Howell	SpeX	MSC	
Sep. 24 Fr	01:55	06:05	G	X	061	Theissen	SpeX	MSC	
	06:05	06:15	G			--- facility close			
	10:00	13:00				--- inst. change			
Sep. 24 Fr	13:00	13:30	O			--- facility open			
	13:30	15:00	O		999	Engineering	TEXES	SJB	Daylight Obs
	15:00	18:00	O		007	Encrenaz	TEXES	SJB	Daylight Obs

	18:00	19:00	O,E		999	Engineering	TEXES		SJB
	19:00	01:00	E		010	Antunano	TEXES		SJB
Sep. 25 Sa	01:00	01:30	E			--- inst. change			
	01:30	06:05	E	X	058	Tinyanont	SpeX/MORIS		MSC
	06:05	06:15	E			--- facility close			
Sep. 25 Sa	12:30	13:00	O			--- facility open			
	13:00	13:30	O			--- inst. change			
	13:30	18:00	O		007	Encrenaz	TEXES		SJB Daylight Obs
	18:00	22:00	O,E		010	Antunano	TEXES		SJB
	22:00	01:00	E		091	Spencer	TEXES		SJB
Sep. 26 Su	01:00	01:30	E			--- inst. change			
	01:30	06:05	E	X	035	Manjavacas	SpeX		MSC
	06:05	06:15	E			--- facility close			
Sep. 26 Su	12:30	13:00	O			--- facility open			
	13:00	13:30	O			--- inst. change			
	13:30	18:00	O		007	Encrenaz	TEXES		SJB Daylight Obs
	18:00	01:00	O,E,C		083	Nordheim	TEXES		SJB
Sep. 27 Mo	01:00	01:30	E			--- inst. change			
	01:30	06:05	E	X	034	Fry	SpeX		SJB
	06:05	06:15	E			--- facility close			
Sep. 27 Mo	12:30	13:00	O			--- facility open			
	13:00	13:30	O			--- inst. change			
	13:30	18:00	O		007	Encrenaz	TEXES		SJB Daylight Obs
	18:00	22:00	O,C		095	Steffans	TEXES		SJB
	22:00	01:00	C		091	Spencer	TEXES		SJB
Sep. 28 Tu	01:00	01:30	C			--- inst. change			
	01:30	06:05	C	X	034	Fry	SpeX		SJB
	06:05	06:15	C			--- facility close			
Sep. 28 Tu	12:30	13:00	M			--- facility open			
	13:00	13:30	M			--- inst. change			
	13:30	18:00	M		007	Encrenaz	TEXES		SJB Daylight Obs
	18:00	22:30	M,C		095	Steffans	TEXES		SJB
	22:30	01:00	C		083	Nordheim	TEXES		SJB
Sep. 29 We	01:00	01:30	C			--- inst. change			
	01:30	06:05	C	X	034	Fry	SpeX		SJB
	06:05	06:15	C			--- facility close			
Sep. 29 We	12:30	13:00	M			--- facility open			
	13:00	13:30	M			--- inst. change			
	13:30	16:30	M		007	Encrenaz	TEXES		SJB Daylight Obs
	16:30	18:00	M		071	Giles	TEXES		SJB Daylight Obs
	18:00	22:00	M,C,G		095	Steffans	TEXES		SJB
	22:00	01:00	C,G		091	Spencer	TEXES		SJB

Sep. 30	Th	01:00	01:30	C					--- inst. change
		01:30	04:45	C		999	Engineering	TBD	SJB
		04:45	06:05	C	X	080	Fischer	SpeX	SJB
		06:05	06:15	C					--- facility close
Sep. 30	Th	12:30	13:00	M					--- facility open
		13:00	13:30	M					--- inst. change
		13:30	16:30	M		007	Encrenaz	TEXES	SJB Daylight Obs
		16:30	18:00	M		071	Giles	TEXES	SJB Daylight Obs
		18:00	20:00	M,G		057	Blake	TEXES	SJB
		20:00	22:30	G		095	Steffans	TEXES	SJB
		22:30	01:00	G		083	Nordheim	TEXES	SJB

Observer List

September, 2021

- 003 Vishnu Reddy, Juan Sanchez, Adam Battle, Ben Sharkey, Teddy Karetka
- 007 Therese Encrenaz, Thomas Greathouse, Rohini Giles, Thomas Widemann, Bruno Bezar, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee
- 010 Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Rohini Giles, Henrik Melin, James Sinclair, Pdraig Donnelly, Michael Roman, James Blake
- 014 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
- 015 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskowitz, Andrew Rivkin
- 018 Rena Lee, Eric Gaidos
- 028 Adam Schneider, Jacqueline Faherty, Aaron Meisner, Marc Kuchner, Davy Kirkpatrick
- 033 Hermine Landt, Junjie Mao, Missagh Mehdipour, Dan Stern, Mike Brotherton, Jerry Kriss, Jon Miller
- 034 Patrick Fry, Lawrence Sromovsky
- 035 Elena Manjavacas, Daniela Bardalez-Gagliuffi, Afra Ashraf, Johanna Vos
- 038 Kevin Luhman
- 041 Belinda Damian, Jessy Jose, Mizna K A, Saumya Gupta, Sudeshna Patra
- 057 James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, James Sinclair, Henrik Melin, Mike Roman, Arrate Antunano, Rohini Giles, Naomi Rowe-Gurney, Oliver King
- 058 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
- 061 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
- 066 Jason Hinkle, Benjamin Shappee, Christopher Ashall, Anna Payne
- 071 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Amanda Brecht, Kandis Lea Jessup
- 080 Will Fischer, Tracy Beck, James Muzerolle
- 083 Tom Nordheim, Thomas Greathouse, James Sinclair, Richard Cartwright, Kevin Hand
- 086 Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa
- 087 Jake Mitchell, Hermine Landt, Martin Ward, Daniel Kynoch, Keith Horne, Brad Peterson, Ed Cackett, Varoujan Gorjian, Juan Hernandez Santisteban, Mike Brotherton, Laura Ferrarese, Thaisa Storchi-Bergmann
- 088 Christian Tate, Julie Rathbun, Alexander Hayes
- 089 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Patrick Irwin, Tommy Greathouse, Rohini Giles, Davide Grassi
- 091 John Spencer, Constantine Tsang
- 093 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
- 095 Brendan Steffens, Conor Nixon, Tommy Greathouse, Rohini Giles, Keeyoon Sung
- 103 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers, Sean Marshall, Chris Magri
- 108 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mitchell, Juan Lora, Jonathan Lunine
- 111 Adam Burgasser, Nicolas Lodieu, Christian Aganze, Enrique Solano, Eduardo Martin
- 112 Cristina Thomas, Andrew Rivkin, David Trilling
- 114 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
- 117 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
- 121 Ryan Norris, Michelle Creech-Eakman, Thomas Gaudin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Oct. 1 Fr	01:00 01:30	G		--- inst. change			
	01:30 06:05	G		999 Engineering	TBD	SJB	
	06:05 06:15	G		--- facility close			
Oct. 1 Fr	12:30 13:00	M		--- facility open			
	13:00 13:30	M		--- inst. change			
	13:30 16:30	M		007 Encrenaz	TEXES	SJB	Daylight Obs
	16:30 18:00	M		071 Giles	TEXES	SJB	Daylight Obs
	18:00 22:00	M,G		057 Blake	TEXES	SJB	
	22:00 01:00	G		091 Spencer	TEXES	SJB	
Oct. 2 Sa	01:00 01:30	G		--- inst. change			
	01:30 06:05	G		999 Engineering	TBD	SJB	
	06:05 06:15	G		--- facility close			
Oct. 2 Sa	17:30 18:00	G,E		--- facility open			
	18:00 18:30	G,E		--- inst. change			
	18:30 22:00	G,E		057 Blake	TEXES	SJB	
	22:00 03:00	G,E		081 Lacy	TEXES	SJB	
Oct. 3 Su	03:00 05:20	G		016 Harper	TEXES	SJB	
	05:20 05:30	G		--- facility close			
Oct. 3 Su	17:30 18:00	E,M		--- facility open			
	18:00 00:30	E,M		077 Sinclair	TEXES	SJB	
Oct. 4 Mo	00:30 02:00	E		081 Lacy	TEXES	SJB	
	02:00 05:20	E		016 Harper	TEXES	SJB	
	05:20 05:30	E		--- facility close			
Oct. 4 Mo	17:30 18:00	M		--- facility open			
	18:00 20:30	M		083 Nordheim	TEXES	SJB	
	20:30 23:59	M		077 Sinclair	TEXES	SJB	
	23:59 01:30	M		081 Lacy	TEXES	SJB	
Oct. 5 Tu	01:30 05:20	M		016 Harper	TEXES	SJB	
	05:20 05:30	M		--- facility close			
	10:00 16:00			--- inst. change			
Oct. 5 Tu	18:05 18:35	M,C,W		--- facility open			
	18:35 05:55	M,C,W	X	093 Emery	SpeX/MORIS	SJB	
Oct. 6 We	05:55 06:05	M		--- facility close			
Oct. 6 We	18:05 18:35	W		--- facility open			
	18:35 22:35	W	X	023 Sickafoose	SpeX/MORIS	SJB	Occultation
	22:35 02:35	W	X	051 Kaplan	SpeX/MORIS	SJB	
Oct. 7 Th	02:35 05:55	W	X	003 Reddy	SpeX/MORIS	SJB	
	05:55 06:05	W		--- facility close			
	10:00 16:00			--- inst. change			
Oct. 7 Th	18:05 18:35	W		--- facility open			
	18:35 20:00	W		999 Engineering	TBD	SJB	
	20:00 22:00	W	X	011 Cale	iSHELL	ACB	

	22:00	05:55	W	X	079	Thomas	iSHELL	ACB	
Oct. 8 Fr	05:55	06:05	W			---	facility close		
Oct. 8 Fr	18:05	18:35	W,G			---	facility open		
	18:35	20:00	W,G		999	Engineering	TBD	SJB	
	20:00	22:00	W,G	X	011	Cale	iSHELL	ACB	
	22:00	05:55	W,G	X	079	Thomas	iSHELL	ACB	
Oct. 9 Sa	05:55	06:05	W			---	facility close		
Oct. 9 Sa	18:05	18:35	G			---	facility open		
	18:35	20:00	G		999	Engineering	TBD	SJB	
	20:00	22:00	G	X	011	Cale	iSHELL	ACB	
	22:00	05:55	G	X	079	Thomas	iSHELL	ACB	
Oct. 10 Su	05:55	06:05	G			---	facility close		
Oct. 10 Su	18:05	18:35	G			---	facility open		
	18:35	19:05	G			---	inst. change		
	19:05	21:40	G	X	003	Reddy	SpeX/MORIS	MSC	
	21:40	23:10	G	X	088	Tate	SpeX	MSC	Io eclipse
	23:10	04:45	G	X	003	Reddy	SpeX/MORIS	MSC	
Oct. 11 Mo	04:45	05:55	G	X	080	Fischer	SpeX	MSC	
	05:55	06:05	G			---	facility close		
Oct. 11 Mo	18:05	18:35	G,E			---	facility open		
	18:35	19:20	G,E	X	108	Corlies	SpeX	MSC	Service Obs.
	19:20	02:45	G,E	X	004	Casewell	SpeX	MSC	First Night
Oct. 12 Tu	02:45	05:55	G	X	001	Cartwright	SpeX/MORIS	SJB	
	05:55	06:05	G			---	facility close		
Oct. 12 Tu	18:05	18:35	E			---	facility open		
	18:35	19:20	E	X	108	Corlies	SpeX	SJB	Service Obs.
	19:20	19:50	E	X	088	Tate	SpeX	SJB	Service Obs.
	19:50	05:55	E	X	020	Bus	SpeX/MORIS	SJB	
Oct. 13 We	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 13 We	18:05	18:35	E			---	facility open		
	18:35	00:15	E	X	008	Bjoraker	iSHELL	ACB	
Oct. 14 Th	00:15	05:55	E	X	107	Roth	iSHELL	ACB	
	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 14 Th	18:05	18:35	E,C			---	facility open		
	18:35	19:20	E,C	X	108	Corlies	SpeX	ACB	Service Obs.
	19:20	19:50	E,C	X	088	Tate	SpeX	ACB	Service Obs.
	19:50	21:35	E,C	X	033	Landt	SpeX	ACB	
	21:35	05:55	E,C	X	114	Zhang	SpeX	ACB	
Oct. 15 Fr	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		

Oct. 15 Fr	18:05	18:35	C				---	facility open		
	18:35	00:15	C	X	008	Bjoraker	iSHELL		ACB	
Oct. 16 Sa	00:15	05:25	C	X	107	Roth	iSHELL		ACB	
	05:25	05:55	C				---	inst. change		
	05:55	06:05	C				---	facility close		
Oct. 16 Sa	16:45	17:15	C				---	facility open		
	17:15	23:15	C	X	089	Orton	SpeX		MSC	Daylight Obs
	23:15	04:35	C	X	118	Rackham	SpeX		MSC	
Oct. 17 Su	04:35	04:45	C				---	facility close		
Oct. 17 Su	16:45	17:15	C,G				---	facility open		
	17:15	23:15	C,G	X	089	Orton	SpeX		MSC	Daylight Obs
	23:15	01:30	C,G	X	112	Thomas	SpeX/MORIS		MSC	
Oct. 18 Mo	01:30	04:35	C		999	Engineering	TBD		SJB	
	04:35	04:45	C				---	facility close		
Oct. 18 Mo	18:05	18:35	G				---	facility open		
	18:35	22:15	G	X	118	Rackham	SpeX		MSC	
	22:15	02:15	G	X	069	Lucey	SpeX		MSC	
Oct. 19 Tu	02:15	05:55	G	X	066	Hinkle	SpeX/MORIS		MSC	
	05:55	06:05	G				---	facility close		
Oct. 19 Tu	17:30	18:00	G				---	facility open		
	18:00	19:30	G	X	088	Tate	SpeX		ACB	Io eclipse
	19:30	20:15	G	X	108	Corlies	SpeX		ACB	Service Obs.
	20:15	00:15	G	X	069	Lucey	SpeX		ACB	
Oct. 20 We	00:15	05:20	G	X	001	Cartwright	SpeX/MORIS		ACB	
	05:20	05:30	G				---	facility close		
Oct. 20 We	18:05	18:35	G,E				---	facility open		
	18:35	22:15	G,E	X	066	Hinkle	SpeX/MORIS		ACB	
	22:15	02:15	G,E	X	069	Lucey	SpeX		ACB	
Oct. 21 Th	02:15	04:45	G	X	038	Luhman	SpeX		ACB	
	04:45	05:55	G	X	080	Fischer	SpeX		ACB	
	05:55	06:05	G				---	facility close		
Oct. 21 Th	18:05	18:35	E				---	facility open		
	18:35	19:10	E		999	Engineering	TBD		SJB	
	19:10	19:55	E	X	108	Corlies	SpeX		ACB	Service Obs.
	19:55	20:25	E	X	088	Tate	SpeX		ACB	Service Obs.
	20:25	22:55	E	X	014	Young	SpeX		ACB	
	22:55	02:55	E	X	069	Lucey	SpeX		ACB	
Oct. 22 Fr	02:55	05:55	E	X	103	Howell	SpeX		ACB	
	05:55	06:05	E				---	facility close		
Oct. 22 Fr	18:05	18:35	E				---	facility open		
	18:35	01:55	E	X	028	Schneider	SpeX		MSC	
Oct. 23 Sa	01:55	05:25	E	X	069	Lucey	SpeX		MSC	

	05:25	05:55	E				---	inst. change			
	05:55	06:05	E				---	facility close			
Oct. 23 Sa	18:05	18:35	E,C				---	facility open			
	18:35	00:25	E,C	X	075	Indriolo		iSHELL		ACB	First Night
Oct. 24 Su	00:25	00:55	E				---	inst. change			
	00:55	05:55	E	X	025	Suarez		SpeX		MSC	First Night
	05:55	06:05	E				---	facility close			
Oct. 24 Su	18:05	18:35	C				---	facility open			
	18:35	19:05	C				---	inst. change			
	19:05	00:25	C	X	075	Indriolo		iSHELL		ACB	
Oct. 25 Mo	00:25	01:55	C	X	011	Cale		iSHELL		ACB	
	01:55	02:25	C				---	inst. change			
	02:25	05:55	C	X	025	Suarez		SpeX		MSC	
	05:55	06:05	C				---	facility close			
	10:00	16:00					---	inst. change			
Oct. 25 Mo	18:05	18:35	C				---	facility open			
	18:35	00:25	C	X	075	Indriolo		iSHELL		ACB	
Oct. 26 Tu	00:25	01:55	C	X	011	Cale		iSHELL		ACB	
	01:55	02:25	C				---	inst. change			
	02:25	05:55	C	X	025	Suarez		SpeX		MSC	
	05:55	06:05	C				---	facility close			
Oct. 26 Tu	18:05	18:35	C,G				---	facility open			
	18:35	19:05	C,G		999	Engineering		TBD		SJB	
	19:05	19:50	C,G	X	108	Corlies		SpeX		SJB	Service Obs.
	19:50	21:20	C,G	X	088	Tate		SpeX		SJB	Io eclipse
	21:20	03:20	C,G	X	027	McAdam		SpeX/MORIS		SJB	
Oct. 27 We	03:20	05:55	C	X	058	Tinyanont		SpeX/MORIS		ACB	
	05:55	06:05	C				---	facility close			
	10:00	16:00					---	inst. change			
Oct. 27 We	18:05	18:35	G				---	facility open			
	18:35	00:25	G	X	075	Indriolo		iSHELL		ACB	
Oct. 28 Th	00:25	04:25	G	X	038	Luhman		iSHELL		ACB	
	04:25	05:55	G	X	011	Cale		iSHELL		ACB	
	05:55	06:05	G				---	facility close			
Oct. 28 Th	18:05	18:35	G				---	facility open			
	18:35	00:25	G	X	075	Indriolo		iSHELL		ACB	
Oct. 29 Fr	00:25	05:55	G	X	038	Luhman		iSHELL		ACB	
	05:55	06:05	G				---	facility close			
Oct. 29 Fr	18:05	18:35	G,E				---	facility open			
	18:35	00:25	G,E	X	075	Indriolo		iSHELL		ACB	
Oct. 30 Sa	00:25	04:25	G	X	038	Luhman		iSHELL		ACB	
	04:25	05:55	G	X	011	Cale		iSHELL		ACB	

	05:55	06:05	G							--- facility close
Oct. 30 Sa	18:05	18:35	E							--- facility open
	18:35	19:05	E							--- inst. change
	19:05	00:55	E	X	115	Shahbandeh	SpeX/MORIS			SJB
Oct. 31 Su	00:55	05:55	E	X	103	Howell	SpeX			SJB
	05:55	06:05	E							--- facility close
Oct. 31 Su	18:05	18:35	E							--- facility open
	18:35	19:05	E							--- inst. change
	19:05	00:15	E	X	039	Han	iSHELL			ACB

Observer List**October, 2021**

- 001 Richard Cartwright, Will Grundy, Bryan Holler, Tom Nordheim, Michael Lucas
 003 Vishnu Reddy, Juan Sanchez, Adam Battle, Ben Sharkey, Teddy Kareta
 004 Sarah Casewell, Adam Schneider, Jackie Faherty, Aaron Meisner, Austin Rothermich, Marc Kutchner, Daniella Bardalez Gagliuffi, Adam Burgasser
 007 Therese Encrenaz, Thomas Greathouse, Rohini Giles, Thomas Widemann, Bruno Bezar, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee
 008 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
 011 Bryson Cale, Peter Plavchan, Kevin Collins, Mohammed El Mufti, Eric Gaidos, Johanna Teske, Justin Wittrock, Sharon Wang, Angelle Tanner, Sam Quinn
 014 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
 016 Graham Harper, Matthew Richter, Thomas Greathouse, Edward Montiel, Anita Richards
 020 Schelte J. Bus, Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 023 Amanda Sickafoose, Danya Souami, Josselin Desmars, Stefan Renner, Bruno Sicardy
 025 Genaro Suarez, Stanimir Metchev, Juan J. Downes, Carlos G. Roman-Zuniga, Megan Tannock
 027 Margaret McAdam, Cristina Thomas, Annika Gustafsson
 028 Adam Schneider, Jacqueline Faherty, Aaron Meisner, Marc Kuchner, Davy Kirkpatrick
 033 Hermine Landt, Junjie Mao, Missagh Mehdipour, Dan Stern, Mike Brotherton, Jerry Kriss, Jon Miller
 038 Kevin Luhman
 039 Eunkyun Han, Gregory Mace, Amber Medina
 051 Hannah Kaplan, Margaret McAdam, Andrew Rivkin, Cristina Thomas
 057 James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, James Sinclair, Henrik Melin, Mike Roman, Arrate Antunano, Rohini Giles, Naomi Rowe-Gurney, Oliver King
 058 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
 066 Jason Hinkle, Benjamin Shappee, Christopher Ashall, Anna Payne
 069 Paul Lucey, Casey Honniball, Abigail Flom, Chiara Ferrari-Wong
 071 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Amanda Brecht, Kandis Lea Jessup
 075 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire
 077 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Arrate Antunano, Leigh Fletcher, Patrick Irwin
 079 Emma Thomas, Henrik Melin, Tom Stallard, Luke Moore, James O'Donoghue, Nahid Chowdhury, Ruoyan Wang
 080 Will Fischer, Tracy Beck, James Muzerolle
 081 John Lacy, Curtis deWitt, Matt Richter
 083 Tom Nordheim, Thomas Greathouse, James Sinclair, Richard Cartwright, Kevin Hand
 088 Christian Tate, Julie Rathbun, Alexander Hayes
 089 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Patrick Irwin, Tommy Greathouse, Rohini Giles, Davide Grassi
 091 John Spencer, Constantine Tsang
 093 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
 103 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers, Sean Marshall, Chris Magri
 107 Nathan Roth, Chemedda Ejeta, Boncho Bonev, Neil Dello Russo, Michael DiSanti, Adam McKay, Ron Vervack, Younas Khan, Mohammad Saki, Erika Gibb, Hideyo Kawakita, Martin Cordiner, Stefanie Milam, Nicolas Biver, Anita Cochran, Michael Combi, Emmanuel Jehin
 108 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mitchell, Juan Lora, Jonathan Lunine
 112 Cristina Thomas, Andrew Rivkin, David Trilling
 114 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
 115 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
 118 Benjamin Rackham, Julien de Wit, Maximilian Guenther, Daniel Sebastian, Adam Burgasser

HST Date	HST Time		TO	Remote	Prog & PI		Instr	SA	Comments
Nov. 1 Mo	00:15	05:55	E	X	107	Roth	iSHELL	ACB	
	05:55	06:05	E				---	facility close	
Nov. 1 Mo	18:05	18:35	E,C				---	facility open	
	18:35	00:15	E,C	X	039	Han	iSHELL	ACB	
Nov. 2 Tu	00:15	05:55	E	X	107	Roth	iSHELL	ACB	
	05:55	06:05	E				---	facility close	
Nov. 2 Tu	18:05	18:35	C				---	facility open	
	18:35	21:45	C	X	033	Landt	SpeX	SJB	
	21:45	23:15	C	X	088	Tate	SpeX	SJB	Io eclipse
	23:15	05:55	C	X	020	Bus	SpeX/MORIS	SJB	
Nov. 3 We	05:55	06:05	C				---	facility close	
Nov. 3 We	18:05	18:35	C				---	facility open	
	18:35	19:20	C	X	089	Orton	SpeX	SJB	
	19:20	20:05	C	X	108	Corlies	SpeX	SJB	Service Obs.
	20:05	20:35	C	X	088	Tate	SpeX	SJB	Service Obs.
	20:35	03:35	C	X	001	Cartwright	SpeX/MORIS	SJB	
Nov. 4 Th	03:35	05:55	C	X	995	Tokunaga	SpeX	MSC	
	05:55	06:05	C				---	facility close	
Nov. 4 Th	18:05	18:35	C,G				---	facility open	
	18:35	19:20	C,G	X	089	Orton	SpeX	SJB	
	19:20	05:55	C,G	X	124	Wong	SpeX	SJB	
Nov. 5 Fr	05:55	06:05	C				---	facility close	
	10:00	11:30					---	inst. change	
Nov. 5 Fr	11:30	12:00	W				---	facility open	
	12:00	13:00	W		999	Engineering	TEXES	SJB	Daylight Obs
	13:00	18:00	W		007	Encrenaz	TEXES	SJB	Daylight Obs
	18:00	20:00	W,G		999	Engineering	TEXES	SJB	
	20:00	22:00	G		091	Spencer	TEXES	SJB	
	22:00	22:30	G				---	inst. change	
	22:30	05:55	G	X	103	Howell	SpeX	SJB	
Nov. 6 Sa	05:55	06:05	G				---	facility close	
Nov. 6 Sa	12:00	12:30	W				---	facility open	
	12:30	13:00	W				---	inst. change	
	13:00	18:00	W		007	Encrenaz	TEXES	SJB	Daylight Obs
	18:00	22:00	W,G		091	Spencer	TEXES	SJB	
	22:00	22:30	G				---	inst. change	
	22:30	05:55	G	X	003	Reddy	SpeX/MORIS	SJB	
Nov. 7 Su	05:55	06:05	G				---	facility close	
Nov. 7 Su	12:00	12:30	W				---	facility open	
	12:30	13:00	W				---	inst. change	
	13:00	18:00	W		007	Encrenaz	TEXES	SJB	Daylight Obs
	18:00	21:00	W,G,E		091	Spencer	TEXES	SJB	

	21:00	02:00	G,E		016	Harper	TEXES		SJB	
Nov. 8 Mo	02:00	05:55	G		059	Fuchs	TEXES		SJB	
	05:55	06:05	G			--- facility close				
Nov. 8 Mo	12:30	13:00	W			--- facility open				
	13:00	18:00	W		007	Encrenaz	TEXES		SJB	Daylight Obs
	18:00	21:00	W,E		091	Spencer	TEXES		SJB	
	21:00	02:00	E		016	Harper	TEXES		SJB	
Nov. 9 Tu	02:00	05:55	E		059	Fuchs	TEXES		SJB	
	05:55	06:05	E			--- facility close				
Nov. 9 Tu	12:30	13:00	O			--- facility open				
	13:00	17:00	O		007	Encrenaz	TEXES		SJB	Daylight Obs
	17:00	22:00	O,E		077	Sinclair	TEXES		SJB	Daylight Obs
	22:00	22:30	E			--- inst. change				
	22:30	05:55	E	X	020	Bus	SpeX/MORIS		SJB	
Nov. 10 We	05:55	06:05	E			--- facility close				
Nov. 10 We	12:00	12:30	O			--- facility open				
	12:30	13:00	O			--- inst. change				
	13:00	15:00	O		007	Encrenaz	TEXES		SJB	Daylight Obs
	15:00	17:00	O		071	Giles	TEXES		SJB	Daylight Obs
	17:00	22:00	O,E,C		077	Sinclair	TEXES		SJB	Daylight Obs
	22:00	22:30	E,C			--- inst. change				
	22:30	05:55	E,C	X	026	Schneider	SpeX		MSC	
Nov. 11 Th	05:55	06:05	E			--- facility close				
Nov. 11 Th	12:00	12:30	O			--- facility open				
	12:30	13:00	O			--- inst. change				
	13:00	15:00	O		007	Encrenaz	TEXES		SJB	Daylight Obs
	15:00	17:00	O		071	Giles	TEXES		SJB	Daylight Obs
	17:00	22:00	O,C		010	Antunano	TEXES		SJB	Daylight Obs
	22:00	22:30	C			--- inst. change				
	22:30	05:55	C	X	026	Schneider	SpeX		MSC	
Nov. 12 Fr	05:55	06:05	C			--- facility close				
Nov. 12 Fr	12:00	12:30	O			--- facility open				
	12:30	13:00	O			--- inst. change				
	13:00	15:00	O		007	Encrenaz	TEXES		SJB	Daylight Obs
	15:00	17:00	O		071	Giles	TEXES		SJB	Daylight Obs
	17:00	22:00	O,C		010	Antunano	TEXES		SJB	Daylight Obs
	22:00	22:30	C			--- inst. change				
	22:30	05:55	C	X	103	Howell	SpeX		SJB	
Nov. 13 Sa	05:55	06:05	C			--- facility close				
Nov. 13 Sa	18:05	18:35	C,G			--- facility open				
	18:35	19:05	C,G	X	088	Tate	SpeX		MSC	Service Obs.
	19:05	19:50	C,G	X	108	Corlies	SpeX		MSC	Service Obs.

	19:50	02:50	C,G	X	001	Cartwright	SpeX/MORIS	MSC	
Nov. 14 Su	02:50	05:55	C	X	058	Tinyanont	SpeX/MORIS	MSC	
	05:55	06:05	C			--- facility close			
Nov. 14 Su	18:05	18:35	G			--- facility open			
	18:35	19:05	G			--- inst. change			
	19:05	20:20	G		999	Engineering	TBD	SJB	
	20:20	22:20	G	X	011	Cale	iSHELL	MSC	
	22:20	05:55	G	X	036	Flores	iSHELL	MSC	
Nov. 15 Mo	05:55	06:05	G			--- facility close			
Nov. 15 Mo	18:05	18:35	G			--- facility open			
	18:35	20:20	G		999	Engineering	TBD	SJB	
	20:20	22:20	G	X	011	Cale	iSHELL	MSC	
	22:20	05:55	G	X	036	Flores	iSHELL	MSC	
Nov. 16 Tu	05:55	06:05	G			--- facility close			
Nov. 16 Tu	18:05	18:35	G,E			--- facility open			
	18:35	20:20	G,E		999	Engineering	TBD	SJB	
	20:20	22:20	G,E	X	011	Cale	iSHELL	MSC	
	22:20	05:55	G,E	X	036	Flores	iSHELL	MSC	
Nov. 17 We	05:55	06:05	G			--- facility close			
	10:00	16:00				--- inst. change			
Nov. 17 We	18:05	18:35	E			--- facility open			
	18:35	21:05	E	X	117	Protopapa	SpeX/MORIS	ACB	
	21:05	01:05	E	X	069	Lucey	SpeX	ACB	
Nov. 18 Th	01:05	05:55	E	X	115	Shahbandeh	SpeX/MORIS	ACB	
	05:55	06:05	E			--- facility close			
Nov. 18 Th	18:05	18:35	E			--- facility open			
	18:35	20:15	E	X	115	Shahbandeh	SpeX/MORIS	ACB	
	20:15	04:15	E	X	069	Lucey	SpeX	ACB	
Nov. 19 Fr	04:15	05:55	E	X	117	Protopapa	SpeX/MORIS	ACB	
	05:55	06:05	E			--- facility close			
Nov. 19 Fr	18:05	18:35	E,C			--- facility open			
	18:35	22:15	E,C	X	003	Reddy	SpeX/MORIS	ACB	
	22:15	02:15	E,C	X	069	Lucey	SpeX	ACB	
Nov. 20 Sa	02:15	05:55	E	X	043	Herczeg	SpeX	ACB	
	05:55	06:05	E			--- facility close			
Nov. 20 Sa	18:05	18:35	C			--- facility open			
	18:35	23:15	C	X	994	Chun	SpeX	SJB	1st-yr students
	23:15	23:45	C			--- inst. change			
	23:45	05:55	C	X	107	Roth	iSHELL	ACB	
Nov. 21 Su	05:55	06:05	C			--- facility close			
Nov. 21 Su	18:05	18:35	C			--- facility open			
	18:35	23:45	C	X	018	Lee	iSHELL	ACB	

	23:45	05:55	C	X	107	Roth	iSHELL	ACB	
Nov. 22 Mo	05:55	06:05	C				---	facility close	
	10:00	16:00					---	inst. change	
Nov. 22 Mo	18:05	18:35	C,G				---	facility open	
	18:35	22:40	C,G	X	061	Theissen	SpeX	MSC	
	22:40	00:55	C,G	X	112	Thomas	SpeX/MORIS	MSC	
Nov. 23 Tu	00:55	05:55	C	X	103	Howell	SpeX	SJB	
	05:55	06:05	C				---	facility close	
Nov. 23 Tu	18:05	18:35	G				---	facility open	
	18:35	19:05	G	X	088	Tate	SpeX	MSC	Service Obs.
	19:05	19:50	G	X	108	Corlies	SpeX	MSC	Service Obs.
	19:50	05:10	G	X	043	Herczeg	SpeX	MSC	
Nov. 24 We	05:10	05:55	G	X	062	Willner	SpeX/MORIS	MSC	
	05:55	06:05	G				---	facility close	
Nov. 24 We	18:05	18:35	G				---	facility open	
	18:35	05:55	G	X	043	Herczeg	SpeX	MSC	
Nov. 25 Th	05:55	06:05	G				---	facility close	
Nov. 25 Th	18:05	18:35	G,E				---	facility open	
	18:35	19:05	G,E	X	088	Tate	SpeX	SJB	Service Obs.
	19:05	19:50	G,E	X	108	Corlies	SpeX	SJB	Service Obs.
	19:50	05:55	G,E	X	121	Norris	SpeX	SJB	
Nov. 26 Fr	05:55	06:05	G				---	facility close	
	10:00	16:00					---	inst. change	
Nov. 26 Fr	18:05	18:35	E				---	facility open	
	18:35	22:35	E	X	008	Bjoraker	iSHELL	ACB	
	22:35	05:25	E	X	036	Flores	iSHELL	SJB	
Nov. 27 Sa	05:25	05:55	E				---	inst. change	
	05:55	06:05	E				---	facility close	
Nov. 27 Sa	18:05	18:35	E				---	facility open	
	18:35	21:05	E	X	014	Young	SpeX	SJB	
	21:05	05:55	E	X	043	Herczeg	SpeX	SJB	
Nov. 28 Su	05:55	06:05	E				---	facility close	
Nov. 28 Su	18:05	18:35	E,C				---	facility open	
	18:35	19:05	E,C				---	inst. change	
	19:05	22:35	E,C	X	018	Lee	iSHELL	ACB	
	22:35	04:00	E,C	X	036	Flores	iSHELL	SJB	
Nov. 29 Mo	04:00	10:30	E	X	105	Khan	iSHELL	ACB	Daylight Obs
	10:30	10:40	E				---	facility close	
	10:40	14:00					---	inst. change	
Nov. 29 Mo	14:00	14:30	M				---	facility open	
	14:30	20:30	M,C	X	089	Orton	SpeX	ACB	Daylight Obs
	20:30	05:55	C	X	061	Theissen	SpeX	SJB	

Nov. 30 Tu	05:55	06:05	C							---	facility close
Nov. 30 Tu	14:00	14:30	M							---	facility open
	14:30	20:30	M,C	X	089	Orton	SpeX	ACB	Daylight Obs		
	20:30	00:55	C	X	115	Shahbandeh	SpeX/MORIS	SJB			

Observer List

November, 2021

- 001 Richard Cartwright, Will Grundy, Bryan Holler, Tom Nordheim, Michael Lucas
 003 Vishnu Reddy, Juan Sanchez, Adam Battle, Ben Sharkey, Teddy Kareta
 007 Therese Encrenaz, Thomas Greathouse, Rohini Giles, Thomas Widemann, Bruno Bezar, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee
 008 Gordon BJORAKER, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
 010 Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Rohini Giles, Henrik Melin, James Sinclair, Pdraig Donnelly, Michael Roman, James Blake
 011 Bryson Cale, Peter Plavchan, Kevin Collins, Mohammed El Mufti, Eric Gaidos, Johanna Teske, Justin Wittrock, Sharon Wang, Angelle Tanner, Sam Quinn
 014 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
 016 Graham Harper, Matthew Richter, Thomas Greathouse, Edward Montiel, Anita Richards
 018 Rena Lee, Eric Gaidos
 020 Schelte J. Bus, Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 026 Adam Schneider, Scott Dahm, Frederick Vrba, Jeffrey Munn, Justice Bruursema, Stephen Williams
 033 Hermine Landt, Junjie Mao, Missagh Mehdipour, Dan Stern, Mike Brotherton, Jerry Kriss, Jon Miller
 036 Christian Flores, Michael Connelley, Bo Reipurth
 039 Eunkyun Han, Gregory Mace, Amber Medina
 043 Gregory Herczeg, Doug Johnstone, Jeong-Eun Lee, Carlos Contreras Pena, Jessy Jose, Sung-Yong Yoon, K. Mizna, Ho-Gyu Lee, Carlos Contreras Pena, John Tobin, Watson Varricatt, Steve Mairs
 058 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
 059 Guido Fuchs, Eileen Doering, Thomas Giesen, Thomas Greathouse, John Lacy
 061 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
 062 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
 069 Paul Lucey, Casey Honniball, Abigail Flom, Chiara Ferrari-Wong
 071 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Amanda Brecht, Kandis Lea Jessup
 077 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Arrate Antunano, Leigh Fletcher, Patrick Irwin
 088 Christian Tate, Julie Rathbun, Alexander Hayes
 089 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Patrick Irwin, Tommy Greathouse, Rohini Giles, Davide Grassi
 091 John Spencer, Constantine Tsang
 103 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers, Sean Marshall, Chris Magri
 105 Younas Khan, Erika Gibb, Chemed Ejeta, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Mohammad Saki, Nathan Roth, Adam McKay, Ronald Vervack Jr., Hideyo Kawakita, Michael Combi, Yinsi Shou
 107 Nathan Roth, Chemed Ejeta, Boncho Bonev, Neil Dello Russo, Michael DiSanti, Adam McKay, Ron Vervack, Younas Khan, Mohammad Saki, Erika Gibb, Hideyo Kawakita, Martin Cordiner, Stefanie Milam, Nicolas Biver, Anita Cochran, Michael Combi, Emmanuel Jehin
 108 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mitchell, Juan Lora, Jonathan Lunine
 112 Cristina Thomas, Andrew Rivkin, David Trilling
 115 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
 117 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
 121 Ryan Norris, Michelle Creech-Eakman, Thomas Gaudin
 124 Ian Wong, Michael Brown, Joshua Emery

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Dec. 1 We	00:55 05:55	C	X	103 Howell	SpeX	SJB	
	05:55 06:05	C		---	facility close		
Dec. 1 We	15:15 15:45	W		---	facility open		
	15:45 18:45	W,C,G	X	113 Young	SpeX/MORIS	ACB	Daylight Obs
	18:45 01:45	C,G	X	001 Cartwright	SpeX/MORIS	SJB	
Dec. 2 Th	01:45 06:05	C	X	115 Shahbandeh	SpeX/MORIS	SJB	
	06:05 06:15	C		---	facility close		
Dec. 2 Th	15:15 15:45	W		---	facility open		
	15:45 18:45	W,G	X	113 Young	SpeX/MORIS	ACB	Daylight Obs
	18:45 01:45	G	X	001 Cartwright	SpeX/MORIS	SJB	
Dec. 3 Fr	01:45 06:05	G	X	114 Zhang	SpeX	MSC	
	06:05 06:15	G		---	facility close		
Dec. 3 Fr	15:15 15:45	W		---	facility open		
	15:45 18:45	W,G	X	113 Young	SpeX/MORIS	ACB	Daylight Obs
	18:45 20:30	G	X	033 Landt	SpeX	ACB	
	20:30 02:05	G	X	114 Zhang	SpeX	MSC	
Dec. 4 Sa	02:05 04:05	G	X	052 Rushton	SpeX	MSC	
	04:05 06:05	G	X	125 Rubin	SpeX	MSC	
	06:05 06:15	G		---	facility close		
Dec. 4 Sa	15:00 15:30	W		---	facility open		
	15:30 18:30	W,G,E	X	113 Young	SpeX/MORIS	ACB	Daylight Obs
	18:30 20:00	G,E	X	088 Tate	SpeX	MSC	Io eclipse
	20:00 05:05	G,E	X	114 Zhang	SpeX	MSC	
Dec. 5 Su	05:05 05:50	G	X	062 Willner	SpeX/MORIS	MSC	
	05:50 06:00	G		---	facility close		
Dec. 5 Su	14:45 15:15	W		---	facility open		
	15:15 18:15	W	X	113 Young	SpeX/MORIS	MSC	Daylight Obs
	18:15 18:45	E		---	inst. change		
	18:45 00:15	E	X	109 Trafton	iSHELL	ACB	First Night
Dec. 6 Mo	00:15 05:00	E	X	126 Smith	iSHELL	ACB	
	05:00 13:30	E,M	X	105 Khan	iSHELL	ACB	Daylight Obs
	13:30 13:40	M		---	facility close		
Dec. 6 Mo	14:15 14:45	M		---	facility open		
	14:45 15:15	M		---	inst. change		
	15:15 18:15	M	X	113 Young	SpeX/MORIS	MSC	Daylight Obs
	18:15 18:45	E		---	inst. change		
	18:45 00:15	E	X	109 Trafton	iSHELL	ACB	
Dec. 7 Tu	00:15 05:00	E	X	126 Smith	iSHELL	ACB	
	05:00 13:30	E,M	X	105 Khan	iSHELL	ACB	Daylight Obs
	13:30 13:40	M		---	facility close		
Dec. 7 Tu	14:15 14:45	M		---	facility open		
	14:45 15:15	M		---	inst. change		

	15:15	18:15	M	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	18:15	18:45	E,C			---	inst. change		
Dec. 8 We	18:45	00:15	E,C	X	109	Trafton	iSHELL	ACB	
	00:15	02:15	E	X	011	Cale	iSHELL	SJB	
	02:15	05:00	E	X	018	Lee	iSHELL	SJB	
	05:00	13:30	E,M	X	105	Khan	iSHELL	ACB	Daylight Obs
	13:30	13:40	M			---	facility close		
Dec. 8 We	14:15	14:45	M			---	facility open		
	14:45	15:15	M			---	inst. change		
	15:15	18:15	M	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	18:15	18:45	C			---	inst. change		
	18:45	00:15	C	X	109	Trafton	iSHELL	ACB	
Dec. 9 Th	00:15	00:45	C			---	inst. change		
	00:45	04:05	C	X	015	DeMeo	SpeX/MORIS	SJB	
	04:05	06:05	C	X	125	Rubin	SpeX	SJB	
	06:05	06:15	C			---	facility close		
Dec. 9 Th	14:45	15:15	O			---	facility open		
	15:15	18:15	O	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	18:15	18:45	C			---	inst. change		
	18:45	00:45	C	X	998	Moore	iSHELL	ACB	
Dec. 10 Fr	00:45	06:05	C	X	039	Han	iSHELL	ACB	
	06:05	06:15	C			---	facility close		
	10:00	14:45				---	inst. change		
Dec. 10 Fr	14:45	15:15	O			---	facility open		
	15:15	18:15	O	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	18:15	18:45	C,G			---	inst. change		
	18:45	00:45	C,G	X	998	Moore	iSHELL	ACB	
Dec. 11 Sa	00:45	06:05	C	X	039	Han	iSHELL	ACB	
	06:05	06:15	C			---	facility close		
Dec. 11 Sa	14:45	15:15	O			---	facility open		
	15:15	15:45	O			---	inst. change		
	15:45	18:45	O,G	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	18:45	00:55	G	X	997	Espaillet	SpeX	MSC	
Dec. 12 Su	00:55	06:05	G		999	Engineering	TBD	SJB	
	06:05	06:15	G			---	facility close		
Dec. 12 Su	15:15	15:45	O			---	facility open		
	15:45	18:45	O,G	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:45	00:25	G	X	997	Espaillet	SpeX	MSC	
Dec. 13 Mo	00:25	04:05	G	X	111	Burgasser	SpeX	MSC	
	04:05	06:05	G	X	125	Rubin	SpeX	MSC	
	06:05	06:15	G			---	facility close		
Dec. 13 Mo	15:15	15:45	O			---	facility open		

	15:45	18:45	O,G,E	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:45	20:30	G,E		999	Engineering	TBD	SJB	
	20:30	21:00	G,E		--- inst. change				
	21:00	23:00	G,E	X	011	Cale	iSHELL	ACB	
	23:00	06:05	G,E	X	107	Roth	iSHELL	ACB	
Dec. 14 Tu	06:05	06:15	G		--- facility close				
	10:00	15:15			--- inst. change				
Dec. 14 Tu	15:15	15:45	W		--- facility open				
	15:45	18:45	W,E	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:45	20:30	E		999	Engineering	TBD	SJB	
	20:30	21:00	E		--- inst. change				
	21:00	23:00	E	X	011	Cale	iSHELL	ACB	
	23:00	06:05	E	X	107	Roth	iSHELL	ACB	
Dec. 15 We	06:05	06:15	E		--- facility close				
	10:00	14:30			--- inst. change				
Dec. 15 We	14:30	15:00	W		--- facility open				
	15:00	18:00	W,E	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:00	21:00	E	X	103	Howell	SpeX	MSC	
	21:00	03:30	E	X	112	Thomas	SpeX/MORIS	MSC	
Dec. 16 Th	03:30	05:20	E	X	115	Shahbandeh	SpeX/MORIS	MSC	
	05:20	05:30	E		--- facility close				
Dec. 16 Th	15:15	15:45	W		--- facility open				
	15:45	18:45	W,M	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:45	00:45	M	X	004	Casewell	SpeX	MSC	
Dec. 17 Fr	00:45	05:20	M	X	115	Shahbandeh	SpeX/MORIS	MSC	
	05:20	06:05	M	X	062	Willner	SpeX/MORIS	MSC	
	06:05	06:15	M		--- facility close				
Dec. 17 Fr	10:45	11:15	W		--- facility open				
	11:15	11:45	W		--- inst. change				
	11:45	15:15	W	X	110	DiSanti	iSHELL	SJB	Daylight Obs
	15:15	15:45	W		--- inst. change				
	15:45	18:45	W,M	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:45	19:30	M	X	089	Orton	SpeX	ACB	
	19:30	21:30	M	X	051	Kaplan	SpeX/MORIS	SJB	
	21:30	04:05	M	X	015	DeMeo	SpeX/MORIS	SJB	
Dec. 18 Sa	04:05	06:05	M	X	125	Rubin	SpeX	SJB	
	06:05	06:15	M		--- facility close				
Dec. 18 Sa	10:45	11:15	W		--- facility open				
	11:15	11:45	W		--- inst. change				
	11:45	15:15	W	X	110	DiSanti	iSHELL	SJB	Daylight Obs
	15:15	15:45	W		--- inst. change				
	15:45	18:45	W,M	X	113	Young	SpeX/MORIS	ACB	Daylight Obs

	18:45	19:30	M	X	089	Orton	SpeX	ACB	
	19:30	21:30	M	X	996	Woodward	SpeX	ACB	
	21:30	03:00	M	X	041	Damian	SpeX	ACB	
Dec. 19 Su	03:00	06:05	M		999	Engineering	TBD	SJB	
	06:05	06:15	M			--- facility close			
Dec. 19 Su	14:30	15:00	O			--- facility open			
	15:00	18:00	O,M,G	X	113	Young	SpeX/MORIS	ACB	Daylight Obs
	18:00	21:00	M,G	X	103	Howell	SpeX	SJB	
	21:00	03:20	M,G	X	048	Delbo	SpeX/MORIS	SJB	
Dec. 20 Mo	03:20	05:20	M	X	125	Rubin	SpeX	SJB	
	05:20	05:30	M			--- facility close			
Dec. 20 Mo	11:15	11:45	O			--- facility open			
	11:45	12:15	O			--- inst. change			
	12:15	18:15	O	X	082	Mumma	iSHELL	ACB	Daylight Obs
	18:15	20:15	G	X	011	Cale	iSHELL	ACB	
	20:15	20:45	G			--- inst. change			
	20:45	06:05	G	X	048	Delbo	SpeX/MORIS	SJB	
Dec. 21 Tu	06:05	06:15	G			--- facility close			
Dec. 21 Tu	12:30	13:00	O			--- facility open			
	13:00	13:30	O			--- inst. change			
	13:30	18:15	O	X	105	Khan	iSHELL	ACB	Daylight Obs
	18:15	20:15	G	X	011	Cale	iSHELL	ACB	
	20:15	20:45	G			--- inst. change			
	20:45	06:05	G	X	048	Delbo	SpeX/MORIS	SJB	
Dec. 22 We	06:05	06:15	G			--- facility close			
Dec. 22 We	11:15	11:45	O			--- facility open			
	11:45	12:15	O			--- inst. change			
	12:15	18:15	O	X	082	Mumma	iSHELL	ACB	Daylight Obs
	18:15	20:15	G,E	X	011	Cale	iSHELL	ACB	
	20:15	20:45	G,E			--- inst. change			
	20:45	04:05	G,E	X	003	Reddy	SpeX/MORIS	SJB	
Dec. 23 Th	04:05	06:05	G	X	125	Rubin	SpeX	SJB	
	06:05	06:15	G			--- facility close			
Dec. 23 Th	17:30	18:00	E			--- facility open			
	18:00	21:00	E	X	103	Howell	SpeX	SJB	
	21:00	05:20	E	X	118	Rackham	SpeX	SJB	
Dec. 24 Fr	05:20	05:30	E			--- facility close			
	-----	-----				Christmas Eve			
Dec. 25 Sa	-----	-----				Christmas			
Dec. 26 Su	18:15	18:45	W			--- facility open			
	18:45	04:05	W	X	066	Hinkle	SpeX/MORIS	MSC	
Dec. 27 Mo	04:05	06:05	W	X	125	Rubin	SpeX	MSC	

Observer List**December, 2021**

- 001 Richard Cartwright, Will Grundy, Bryan Holler, Tom Nordheim, Michael Lucas
 003 Vishnu Reddy, Juan Sanchez, Adam Battle, Ben Sharkey, Teddy Kareta
 004 Sarah Casewell, Adam Schneider, Jackie Faherty, Aaron Meisner, Austin Rothermich, Marc Kutchner, Daniella Bardalez Gagliuffi, Adam Burgasser
 011 Bryson Cale, Peter Plavchan, Kevin Collins, Mohammed El Mufti, Eric Gaidos, Johanna Teske, Justin Wittrock, Sharon Wang, Angelle Tanner, Sam Quinn
 015 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 018 Rena Lee, Eric Gaidos
 027 Margaret McAdam, Cristina Thomas, Annika Gustafsson
 033 Hermine Landt, Junjie Mao, Missagh Mehdipour, Dan Stern, Mike Brotherton, Jerry Kriss, Jon Miller
 039 Eunkyun Han, Gregory Mace, Amber Medina
 041 Belinda Damian, Jessy Jose, Mizna K A, Saumya Gupta, Sudeshna Patra
 048 Marco Delbo, Chrysa Avdellidou, Joules Bourdelle De Micas, Laurent Galluccio, Paolo Tanga, Sonia Fornasier, Alberto Cellino
 051 Hannah Kaplan, Margaret McAdam, Andrew Rivkin, Cristina Thomas
 052 Mark Rushton, Marcel Popescu, Thomas Geballe, Aneurin Evans, Ruxandra Toma
 062 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
 066 Jason Hinkle, Benjamin Shappee, Christopher Ashall, Anna Payne
 082 Michael Mumma, Sara Faggi, Geronimo Villanueva
 088 Christian Tate, Julie Rathbun, Alexander Hayes
 089 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Patrick Irwin, Tommy Greathouse, Rohini Giles, Davide Grassi
 103 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers, Sean Marshall, Chris Magri
 105 Younas Khan, Erika Gibb, Chemed Ejeta, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Mohammad Saki, Nathan Roth, Adam McKay, Ronald Vervack Jr., Hideyo Kawakita, Michael Combi, Yinsi Shou
 107 Nathan Roth, Chemed Ejeta, Boncho Bonev, Neil Dello Russo, Michael DiSanti, Adam McKay, Ron Vervack, Younas Khan, Mohammad Saki, Erika Gibb, Hideyo Kawakita, Martin Cordiner, Stefanie Milam, Nicolas Biver, Anita Cochran, Michael Combi, Emmanuel Jehin
 109 Laurence Trafton, Henrik Melin
 110 Michael DiSanti, Boncho Bonev, Neil Dello Russo, Erika Gibb, Nathan Roth, Adam McKay, Mohammad Saki, Younas Khan, Chemed Ejeta, Anita Cochran, Ron Vervack, Emmanuel Jehin, Hideyo Kawakita
 111 Adam Burgasser, Nicolas Lodieu, Christian Aganze, Enrique Solano, Eduardo Martin
 112 Cristina Thomas, Andrew Rivkin, David Trilling
 113 Eliot Young, Mark Bullock, Yeon Joo Lee, Kevin McGouldrick, Kandice Lea Jessup, Javier Peralta, Toru Kouyama, Takehiko Satoh
 114 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
 115 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
 117 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
 118 Benjamin Rackham, Julien de Wit, Maximilian Guenther, Daniel Sebastian, Adam Burgasser
 125 David Rubin
 126 Rachel Smith, Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments	
Jan. 1 Sa	18:30 19:00	E		---	facility open			
	19:00 04:20	E		999	Engineering	TBD	SJB	
Jan. 2 Su	04:20 06:20	E	X	125	Rubin	SpeX	ACB	
	06:20 06:30	E		---	facility close			
Jan. 2 Su	12:00 12:30	O		---	facility open			
	12:30 13:00	O		---	inst. change			
	13:00 18:15	O	X	082	Mumma	iSHELL	ACB	Daylight Obs
	18:15 00:15	E	X	075	Indriolo	iSHELL	ACB	
Jan. 3 Mo	00:15 02:15	E	X	011	Cale	iSHELL	ACB	
	02:15 02:45	E		---	inst. change			
	02:45 06:05	E	X	115	Shahbandeh	SpeX/MORIS	MSC	
	06:05 06:15	E		---	facility close			
	10:00 12:30			---	inst. change			
Jan. 3 Mo	12:30 13:00	O		---	facility open			
	13:00 18:15	O	X	082	Mumma	iSHELL	ACB	Daylight Obs
	18:15 00:15	E,W	X	075	Indriolo	iSHELL	ACB	
Jan. 4 Tu	00:15 02:15	E	X	011	Cale	iSHELL	ACB	
	02:15 02:45	E		---	inst. change			
	02:45 06:05	E	X	058	Tinyanont	SpeX/MORIS	MSC	
	06:05 06:15	E		---	facility close			
Jan. 4 Tu	18:30 19:00	W		---	facility open			
	19:00 04:20	W	X	028	Schneider	SpeX	MSC	
Jan. 5 We	04:20 06:20	W	X	125	Rubin	SpeX	MSC	
	06:20 06:30	W		---	facility close			
Jan. 5 We	18:30 19:00	W		---	facility open			
	19:00 20:30	W		999	Engineering	TBD	SJB	
	20:30 00:30	W	X	022	Sickafoose	SpeX/MORIS	SJB	Occultation
Jan. 6 Th	00:30 06:20	W	X	027	McAdam	SpeX/MORIS	SJB	
	06:20 06:30	W		---	facility close			
Jan. 6 Th	18:30 19:00	W		---	facility open			
	19:00 06:20	W	X	003	Reddy	SpeX/MORIS	MSC	
Jan. 7 Fr	06:20 06:30	W		---	facility close			
Jan. 7 Fr	18:30 19:00	W		---	facility open			
	19:00 05:35	W	X	020	Bus	SpeX/MORIS	SJB	
Jan. 8 Sa	05:35 06:20	W	X	062	Willner	SpeX/MORIS	SJB	
	06:20 06:30	W		---	facility close			
Jan. 8 Sa	18:30 19:00	W		---	facility open			
	19:00 04:20	W		999	Engineering	TBD	SJB	
Jan. 9 Su	04:20 06:20	W	X	125	Rubin	SpeX	MSC	
	06:20 06:30	W		---	facility close			
Jan. 9 Su	18:30 19:00	W,E		---	facility open			
	19:00 23:50	W,E	X	058	Tinyanont	SpeX/MORIS	MSC	

	23:50	06:20	W	X	117	Protopapa	SpeX/MORIS	MSC	
Jan. 10 Mo	06:20	06:30	W				---	facility close	
	10:00	16:00					---	inst. change	
Jan. 10 Mo	18:30	19:00	E				---	facility open	
	19:00	02:45	E	X	036	Flores	iSHELL	MSC	
Jan. 11 Tu	02:45	04:45	E	X	011	Cale	iSHELL	MSC	
	04:45	06:20	E		999	Engineering	TBD	SJB	
	06:20	06:30	E				---	facility close	
Jan. 11 Tu	18:30	19:00	E				---	facility open	
	19:00	02:45	E	X	036	Flores	iSHELL	MSC	
Jan. 12 We	02:45	04:45	E	X	011	Cale	iSHELL	MSC	
	04:45	06:20	E		999	Engineering	TBD	SJB	
	06:20	06:30	E				---	facility close	
	10:00	16:00					---	inst. change	
Jan. 12 We	17:00	17:30	E,M				---	facility open	
	17:30	19:00	E,M	X	088	Tate	SpeX	MSC	Io eclipse
	19:00	23:30	E,M	X	993	Lalchand	SpeX	SJB	
	23:30	03:00	E	X	093	Emery	SpeX/MORIS	SJB	
Jan. 13 Th	03:00	04:50	E	X	117	Protopapa	SpeX/MORIS	MSC	
	04:50	05:00	E				---	facility close	
Jan. 13 Th	11:50	12:20	W				---	facility open	
	12:20	18:20	W	X	089	Orton	SpeX	ACB	Daylight Obs
	18:20	06:20	M	X	124	Wong	SpeX	SJB	
Jan. 14 Fr	06:20	06:30	M				---	facility close	
Jan. 14 Fr	11:50	12:20	W				---	facility open	
	12:20	18:20	W	X	089	Orton	SpeX	ACB	Daylight Obs
	18:20	23:50	M	X	115	Shahbandeh	SpeX/MORIS	MSC	
	23:50	01:50	M	X	052	Rushton	SpeX	MSC	
Jan. 15 Sa	01:50	04:20	M		999	Engineering	TBD	SJB	
	04:20	06:20	M	X	125	Rubin	SpeX	MSC	
	06:20	06:30	M				---	facility close	
Jan. 15 Sa	18:30	19:00	M,W				---	facility open	
	19:00	06:20	M,W	X	111	Burgasser	SpeX	MSC	
Jan. 16 Su	06:20	06:30	W				---	facility close	
Jan. 16 Su	18:30	19:00	W				---	facility open	
	19:00	01:00	W	X	041	Damian	SpeX	SJB	
Jan. 17 Mo	01:00	05:35	W	X	114	Zhang	SpeX	MSC	
	05:35	06:20	W	X	062	Willner	SpeX/MORIS	SJB	
	06:20	06:30	W				---	facility close	
Jan. 17 Mo	18:30	19:00	W				---	facility open	
	19:00	19:30	W				---	inst. change	
	19:30	23:00	W	X	992	Trilling	MIRSI/MOC	MSC	

	23:00	23:30	W				---	inst. change	
	23:30	04:20	W	X	114	Zhang	SpeX		MSC
Jan. 18 Tu	04:20	06:20	W	X	125	Rubin	SpeX		MSC
	06:20	06:30	W				---	facility close	
Jan. 18 Tu	18:30	19:00	W,E				---	facility open	
	19:00	06:20	W,E	X	028	Schneider	SpeX		MSC
Jan. 19 We	06:20	06:30	W				---	facility close	
Jan. 19 We	18:30	19:00	E				---	facility open	
	19:00	06:20	E	X	020	Bus	SpeX/MORIS		SJB
Jan. 20 Th	06:20	06:30	E				---	facility close	
	10:00	16:00					---	inst. change	
Jan. 20 Th	18:15	18:45	E				---	facility open	
	18:45	00:30	E	X	092	Banzatti	iSHELL		ACB
Jan. 21 Fr	00:30	02:30	E	X	011	Cale	iSHELL		ACB
	02:30	03:00	E				---	inst. change	
	03:00	06:05	E	X	115	Shahbandeh	SpeX/MORIS		MSC
	06:05	06:15	E				---	facility close	
	10:00	16:00					---	inst. change	
Jan. 21 Fr	18:15	18:45	E,M				---	facility open	
	18:45	20:15	E,M		070	Brittain	iSHELL		ACB
	20:15	00:30	E,M	X	092	Banzatti	iSHELL		ACB
Jan. 22 Sa	00:30	01:00	E				---	inst. change	
	01:00	05:35	E	X	115	Shahbandeh	SpeX/MORIS		MSC
	05:35	06:05	E				---	inst. change	
	06:05	06:15	E				---	facility close	
Jan. 22 Sa	18:15	18:45	M				---	facility open	
	18:45	20:15	M		070	Brittain	iSHELL		ACB
	20:15	00:30	M	X	092	Banzatti	iSHELL		ACB
Jan. 23 Su	00:30	01:00	M				---	inst. change	
	01:00	05:35	M	X	061	Theissen	SpeX		MSC
	05:35	06:05	M				---	inst. change	
	06:05	06:15	M				---	facility close	
Jan. 23 Su	18:15	18:45	M				---	facility open	
	18:45	20:15	M		070	Brittain	iSHELL		ACB
	20:15	00:30	M	X	092	Banzatti	iSHELL		ACB
Jan. 24 Mo	00:30	02:30	M	X	011	Cale	iSHELL		ACB
	02:30	03:00	M				---	inst. change	
	03:00	06:05	M	X	114	Zhang	SpeX		MSC
	06:05	06:15	M				---	facility close	
	10:00	16:00					---	inst. change	
Jan. 24 Mo	18:15	18:45	M,W				---	facility open	
	18:45	20:15	M,W		070	Brittain	iSHELL		ACB

	20:15	00:30	M,W	X	092	Banzatti	iSHELL	ACB
Jan. 25 Tu	00:30	02:30	M	X	011	Cale	iSHELL	ACB
	02:30	03:00	M			--- inst. change		
	03:00	06:05	M		999	Engineering	TBD	SJB
	06:05	06:15	M			--- facility close		
	10:00	16:00				--- inst. change		
Jan. 25 Tu	18:15	18:45	W			--- facility open		
	18:45	20:15	W		070	Brittain	iSHELL	ACB
	20:15	03:45	W	X	085	Gaidos	iSHELL	ACB
Jan. 26 We	03:45	06:05	W	X	011	Cale	iSHELL	ACB
	06:05	06:15	W			--- facility close		
Jan. 26 We	18:15	18:45	W			--- facility open		
	18:45	20:15	W		070	Brittain	iSHELL	ACB
	20:15	00:45	W	X	053	Dinerstein	iSHELL	ACB
Jan. 27 Th	00:45	01:15	W			--- inst. change		
	01:15	06:05	W	X	117	Protopapa	SpeX/MORIS	MSC
	06:05	10:05	M	X	113	Young	SpeX/MORIS	MSC Daylight Obs
	10:05	10:35	M			--- inst. change		
	10:35	10:45	M			--- facility close		
Jan. 27 Th	18:15	18:45	W,E			--- facility open		
	18:45	20:15	W,E		070	Brittain	iSHELL	ACB
	20:15	00:45	W,E	X	053	Dinerstein	iSHELL	ACB
Jan. 28 Fr	00:45	02:45	W	X	011	Cale	iSHELL	ACB
	02:45	03:15	W			--- inst. change		
	03:15	05:20	W	X	020	Bus	SpeX/MORIS	SJB
	05:20	06:05	W	X	062	Willner	SpeX/MORIS	MSC
	06:05	10:05	M	X	113	Young	SpeX/MORIS	MSC Daylight Obs
	10:05	10:35	M			--- inst. change		
	10:35	10:45	M			--- facility close		
Jan. 28 Fr	18:15	18:45	E			--- facility open		
	18:45	20:15	E		070	Brittain	iSHELL	ACB
	20:15	00:45	E	X	053	Dinerstein	iSHELL	ACB
Jan. 29 Sa	00:45	01:15	E			--- inst. change		
	01:15	06:05	E	X	061	Theissen	SpeX	MSC
	06:05	10:05	M	X	113	Young	SpeX/MORIS	MSC Daylight Obs
	10:05	10:35	M			--- inst. change		
	10:35	10:45	M			--- facility close		
Jan. 29 Sa	18:15	18:45	E			--- facility open		
	18:45	20:15	E		070	Brittain	iSHELL	ACB
	20:15	00:45	E	X	053	Dinerstein	iSHELL	ACB
Jan. 30 Su	00:45	01:15	E			--- inst. change		
	01:15	06:05	E		999	Engineering	TBD	SJB

	06:05	10:05	M	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	10:05	10:35	M			---	inst. change		
	10:35	10:45	M				facility close		
Jan. 30 Su	18:30	19:00	E,C				facility open		
	19:00	23:00	E,C	X	063	Chen	iSHELL	ACB	
	23:00	01:00	E,C	X	011	Cale	iSHELL	ACB	
Jan. 31 Mo	01:00	01:30	E				inst. change		
	01:30	06:20	E	X	051	Kaplan	SpeX/MORIS	SJB	
	06:20	10:20	M	X	113	Young	SpeX/MORIS	MSC	Daylight Obs
	10:20	10:50	M				inst. change		
	10:50	11:00	M				facility close		
Jan. 31 Mo	18:30	19:00	C				facility open		
	19:00	23:00	C	X	063	Chen	iSHELL	ACB	
	23:00	01:00	C	X	011	Cale	iSHELL	ACB	

Observer List

January, 2022

- 003 Vishnu Reddy, Juan Sanchez, Adam Battle, Ben Sharkey, Teddy Karetta
011 Bryson Cale, Peter Plavchan, Kevin Collins, Mohammed El Mufti, Eric Gaidos, Johanna Teske, Justin Wittrock, Sharon Wang, Angelle Tanner, Sam Quinn
020 Schelte J. Bus, Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
022 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Michael Person, Stephen Levine
027 Margaret McAdam, Cristina Thomas, Annika Gustafsson
028 Adam Schneider, Jacqueline Faherty, Aaron Meisner, Marc Kuchner, Davy Kirkpatrick
036 Christian Flores, Michael Connelley, Bo Reipurth
041 Belinda Damian, Jessy Jose, Mizna K A, Saumya Gupta, Sudeshna Patra
051 Hannah Kaplan, Margaret McAdam, Andrew Rivkin, Cristina Thomas
052 Mark Rushton, Marcel Popescu, Thomas Geballe, Aneurin Evans, Ruxandra Toma
053 Harriet Dinerstein, Nicholas Sterling, William Vacca
058 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
061 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
062 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
063 Christine Chen, Sean Brittain, Casey Lisse, Aki Roberge, Isa Rebolledo, Cicero Lu
070 Sean Brittain, Josh Kern, Stanley Jensen, Joan Najita, John Carr, Janus Kozdon, Jeffrey Fung
075 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire
082 Michael Mumma, Sara Faggi, Geronimo Villanueva
085 Eric Gaidos, Rena Lee, Teruyuki Hirano
088 Christian Tate, Julie Rathbun, Alexander Hayes
089 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Patrick Irwin, Tommy Greathouse, Rohini Giles, Davide Grassi
092 Andrea Banzatti, Kirsten Abernathy, Erika Marentes, Sean Brittain, Adwin Boogert, Josh Kern, Jose Perez, John Rayner
093 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
111 Adam Burgasser, Nicolas Lodieu, Christian Aganze, Enrique Solano, Eduardo Martin
113 Eliot Young, Mark Bullock, Yeon Joo Lee, Kevin McGouldrick, Kandice Lea Jessup, Javier Peralta, Toru Kouyama, Takehiko Satoh
114 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
115 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
117 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
124 Ian Wong, Michael Brown, Joshua Emery
125 David Rubin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Feb. 1 Tu	01:00 01:30	C		---	inst. change		
	01:30 06:20	C	X	066 Hinkle	SpeX/MORIS	MSC	
	06:20 10:20	M	X	113 Young	SpeX/MORIS	MSC	Daylight Obs
	10:20 10:30	M		---	facility close		

Observer List

February, 2022

066 Jason Hinkle, Benjamin Shappee, Christopher Ashall, Anna Payne

113 Eliot Young, Mark Bullock, Yeon Joo Lee, Kevin McGouldrick, Kandice Lea Jessup, Javier Peralta, Toru Kouyama, Takehiko Satoh

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@ifa.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 Darryl Watanabe, the IRTF Observatory Manager.

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