

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Aug. 1 Sa	18:25 18:55	C			---		facility open
	18:55 22:55	C	X	028 Luhman	SpeX	MSC	
	22:55 23:25	C	X	110 Tate	SpeX	MSC	Service Obs.
	23:25 00:10	C	X	101 Corlies	SpeX	MSC	Service Obs.
Aug. 2 Su	00:10 06:15	C	X	031 Luhman	SpeX	MSC	
	06:15 06:25	C			---		facility close
Aug. 2 Su	18:25 18:55	C,G			---		facility open
	18:55 22:55	C,G	X	028 Luhman	SpeX	MSC	
	22:55 06:15	C,G	X	082 Boogert	SpeX	ACB	
Aug. 3 Mo	06:15 06:25	C			---		facility close
Aug. 3 Mo	18:25 18:55	G			---		facility open
	18:55 22:55	G	X	028 Luhman	SpeX	MSC	
	22:55 23:25	G	X	110 Tate	SpeX	MSC	Service Obs.
	23:25 00:10	G	X	101 Corlies	SpeX	MSC	Service Obs.
Aug. 4 Tu	00:10 06:15	G	X	082 Boogert	SpeX	ACB	
	06:15 06:25	G			---		facility close
Aug. 4 Tu	18:25 18:55	G			---		facility open
	18:55 21:55	G	X	017 Woodward	SpeX/MORIS	MSC	
	21:55 00:55	G	X	053 Howell	SpeX	MSC	
Aug. 5 We	00:55 02:55	G	X	027 Young	SpeX	MSC	
	02:55 06:15	G	X	096 Zhang	SpeX	MSC	
	06:15 06:25	G			---		facility close
	10:00 16:00				---		inst. change
Aug. 5 We	18:25 18:55	G,E			---		facility open
	18:55 20:45	G,E	X	026 Cale	iSHELL	ACB	
	20:45 22:45	G,E		067 Stallard	iSHELL	ACB	
	22:45 23:45	G,E	X	998 Plavchan	iSHELL	ACB	
	23:45 06:15	G		071 Line	iSHELL	ACB	
Aug. 6 Th	06:15 06:25	G			---		facility close
	10:00 16:00				---		inst. change
Aug. 6 Th	18:25 18:55	E			---		facility open
	18:55 20:10	E	X	041 McGraw	SpeX/MORIS	MSC	
	20:10 21:40	E	X	110 Tate	SpeX	MSC	
	21:40 01:30	E	X	041 McGraw	SpeX/MORIS	MSC	
Aug. 7 Fr	01:30 06:15	E	X	114 Liu	SpeX	MSC	
	06:15 06:25	E			---		facility close
	10:00 16:00				---		inst. change
Aug. 7 Fr	18:25 18:55	E			---		facility open
	18:55 22:55	E	X	108 Jian	iSHELL	ACB	First Night
	22:55 00:55	E		067 Stallard	iSHELL	ACB	
Aug. 8 Sa	00:55 01:55	E	X	998 Plavchan	iSHELL	ACB	
	01:55 04:15	E	X	026 Cale	iSHELL	ACB	

	04:15	06:15	E		999	Engineering	iSHELL	SJB	
	06:15	10:15	O	X	015	Marcq	iSHELL	SJB	Daylight Obs
Aug. 8 Sa	10:15	10:25	O			--- facility close			
	18:25	18:55	E,C			--- facility open			
	18:55	22:55	E,C	X	108	Jian	iSHELL	ACB	
	22:55	00:55	E,C		067	Stallard	iSHELL	ACB	
Aug. 9 Su	00:55	01:55	E	X	998	Plavchan	iSHELL	ACB	
	01:55	02:25	E			--- inst. change			
	02:25	05:45	E	X	096	Zhang	SpeX	SJB	
	05:45	06:15	E			--- inst. change			
	06:15	10:15	O	X	015	Marcq	iSHELL	SJB	Daylight Obs
Aug. 9 Su	10:15	10:25	O			--- facility close			
	18:25	18:55	C			--- facility open			
	18:55	22:55	C	X	108	Jian	iSHELL	ACB	
	22:55	00:55	C		067	Stallard	iSHELL	ACB	
Aug. 10 Mo	00:55	01:55	C	X	998	Plavchan	iSHELL	ACB	
	01:55	04:15	C	X	026	Cale	iSHELL	ACB	
	04:15	06:15	C		999	Engineering	iSHELL	SJB	
	06:15	10:15	O	X	015	Marcq	iSHELL	SJB	Daylight Obs
Aug. 10 Mo	10:15	10:25	O			--- facility close			
	18:25	18:55	C			--- facility open			
	18:55	22:55	C	X	108	Jian	iSHELL	ACB	
	22:55	00:55	C		067	Stallard	iSHELL	ACB	
Aug. 11 Tu	00:55	01:25	C			--- inst. change			
	01:25	06:15	C	X	046	Takir	SpeX	ACB	
Aug. 11 Tu	06:15	06:25	C			--- facility close			
	18:25	18:55	C,G			--- facility open			
	18:55	22:55	C,G	X	028	Luhman	SpeX	ACB	
	22:55	23:25	C,G	X	110	Tate	SpeX	ACB	Service Obs.
	23:25	00:10	C,G	X	101	Corlies	SpeX	ACB	Service Obs.
Aug. 12 We	00:10	06:15	C	X	035	Polishook	SpeX/MORIS	ACB	
Aug. 12 We	06:15	06:25	C			--- facility close			
	18:25	18:55	G			--- facility open			
	18:55	22:55	G	X	028	Luhman	SpeX	SJB	
	22:55	00:55	G	X	113	Marcotulli	SpeX	SJB	
Aug. 13 Th	00:55	06:15	G	X	003	Reddy	SpeX/MORIS	SJB	
Aug. 13 Th	06:15	06:25	G			--- facility close			
	18:25	18:55	G			--- facility open			
	18:55	21:55	G	X	997	Schmidt	SpeX	SJB	
	21:55	23:25	G	X	110	Tate	SpeX	SJB	
	23:25	02:25	G	X	030	Hodapp	SpeX	MSC	
Aug. 14 Fr	02:25	06:15	G		999	Engineering	TBD	SJB	

	06:15	06:25	G						---	facility close		
Aug. 14 Fr	18:25	18:55	G,W						---	facility open		
	18:55	22:45	G,W	X	028	Luhman	SpeX				MSC	
	22:45	23:45	G,W	X	023	Orton	SpeX/MORIS				MSC	
	23:45	00:15	G,W	X	110	Tate	SpeX				MSC	Service Obs.
Aug. 15 Sa	00:15	01:00	G	X	101	Corlies	SpeX				MSC	Service Obs.
	01:00	06:15	G	X	009	McGraw	SpeX/MORIS				MSC	
	06:15	06:25	G						---	facility close		
Aug. 15 Sa	18:25	18:55	O						---	facility open		
	18:55	21:30	O	X	078	Su	SpeX				MSC	
	21:30	22:00	O	X	110	Tate	SpeX				MSC	Service Obs.
	22:00	22:45	O	X	101	Corlies	SpeX				MSC	Service Obs.
	22:45	23:45	O	X	023	Orton	SpeX/MORIS				MSC	
	23:45	06:15	O	X	009	McGraw	SpeX/MORIS				MSC	
Aug. 16 Su	06:15	06:25	O						---	facility close		
Aug. 16 Su	18:25	18:55	O						---	facility open		
	18:55	22:25	O	X	078	Su	SpeX				MSC	
	22:25	02:30	O	X	003	Reddy	SpeX/MORIS				SJB	
Aug. 17 Mo	02:30	06:15	O	X	013	Sitko	SpeX				SJB	
	06:15	06:25	O						---	facility close		
Aug. 17 Mo	18:25	18:55	O,C						---	facility open		
	18:55	22:00	O,C	X	053	Howell	SpeX				SJB	
	22:00	22:30	O,C	X	110	Tate	SpeX				SJB	Service Obs.
	22:30	23:15	O,C	X	101	Corlies	SpeX				SJB	Service Obs.
	23:15	05:45	O,C	X	014	DeMeo	SpeX/MORIS				SJB	
Aug. 18 Tu	05:45	06:15	O						---	inst. change		
	06:15	10:15	M	X	119	Sato	iSHELL				MSC	Daylight Obs
	10:15	10:25	M						---	facility close		
	10:25	16:00							---	inst. change		
Aug. 18 Tu	18:25	18:55	C						---	facility open		
	18:55	22:25	C		099	Flores	SpeX				MSC	
	22:25	22:55	C						---	inst. change		
	22:55	00:55	C		067	Stallard	iSHELL				ACB	
Aug. 19 We	00:55	01:25	C						---	inst. change		
	01:25	05:45	C	X	109	Hardegree-Ullman	SpeX				ACB	
	05:45	06:15	C						---	inst. change		
	06:15	10:15	M	X	119	Sato	iSHELL				MSC	Daylight Obs
	10:15	10:25	M						---	facility close		
Aug. 19 We	18:25	18:55	C						---	facility open		
	18:55	22:55	C		099	Flores	iSHELL				MSC	
	22:55	00:55	C		067	Stallard	iSHELL				ACB	
Aug. 20 Th	00:55	03:55	C	X	026	Cale	iSHELL				ACB	

	03:55	06:15	C		999	Engineering	iSHELL	SJB	
	06:15	10:15	M	X	119	Sato	iSHELL	MSC	Daylight Obs
	10:15	10:25	M			--- facility close			
Aug. 20 Th	18:25	18:55	C,G			--- facility open			
	18:55	23:15	C,G		099	Flores	iSHELL	MSC	
	23:15	23:45	C,G			--- inst. change			
	23:45	01:15	C	X	110	Tate	SpeX	SJB	
Aug. 21 Fr	01:15	06:15	C	X	014	DeMeo	SpeX/MORIS	SJB	
	06:15	06:25	C			--- facility close			
	10:00	16:00				--- inst. change			
Aug. 21 Fr	18:25	18:55	G			--- facility open			
	18:55	22:55	G		099	Flores	iSHELL	MSC	
	22:55	00:55	G		067	Stallard	iSHELL	ACB	
Aug. 22 Sa	00:55	01:25	G			--- inst. change			
	01:25	06:15	G	X	003	Reddy	SpeX/MORIS	SJB	
	06:15	06:25	G			--- facility close			
Aug. 22 Sa	17:40	18:10	G			--- facility open			
	18:10	19:40	G	X	110	Tate	SpeX	ACB	
	19:40	20:25	G	X	101	Corlies	SpeX	ACB	Service Obs.
	20:25	05:00	G	X	082	Boogert	SpeX	ACB	
Aug. 23 Su	05:00	05:30	G			--- inst. change			
	05:30	05:40	G			--- facility close			
Aug. 23 Su	18:25	18:55	G,W			--- facility open			
	18:55	21:15	G,W		099	Flores	iSHELL	MSC	
	21:15	23:15	G,W		067	Stallard	iSHELL	ACB	
	23:15	00:15	G,W	X	998	Plavchan	iSHELL	ACB	
Aug. 24 Mo	00:15	06:15	G	X	074	Shkolnik	iSHELL	ACB	
	06:15	06:25	G			--- facility close			
Aug. 24 Mo	18:25	18:55	W			--- facility open			
	18:55	21:15	W		099	Flores	iSHELL	MSC	
	21:15	23:15	W		067	Stallard	iSHELL	ACB	
	23:15	00:15	W	X	998	Plavchan	iSHELL	ACB	
Aug. 25 Tu	00:15	06:15	W	X	074	Shkolnik	iSHELL	ACB	
	06:15	06:25	W			--- facility close			
Aug. 25 Tu	18:25	18:55	E			--- facility open			
	18:55	21:15	E		099	Flores	iSHELL	MSC	
	21:15	23:15	E		067	Stallard	iSHELL	ACB	
	23:15	00:15	E	X	998	Plavchan	iSHELL	ACB	
Aug. 26 We	00:15	06:15	E	X	074	Shkolnik	iSHELL	ACB	
	06:15	06:25	E			--- facility close			
Aug. 26 We	18:25	18:55	E,C			--- facility open			
	18:55	21:15	E,C		099	Flores	iSHELL	MSC	

	21:15	23:15	E,C		067	Stallard	iSHELL	ACB	
	23:15	00:15	E,C	X	998	Plavchan	iSHELL	ACB	
Aug. 27 Th	00:15	06:15	E	X	074	Shkolnik	iSHELL	ACB	
	06:15	06:25	E			---	facility close		
Aug. 27 Th	18:25	18:55	C			---	facility open		
	18:55	21:15	C		099	Flores	iSHELL	MSC	
	21:15	23:15	C		067	Stallard	iSHELL	ACB	
	23:15	00:15	C	X	998	Plavchan	iSHELL	ACB	
Aug. 28 Fr	00:15	06:15	C	X	074	Shkolnik	iSHELL	ACB	
	06:15	06:25	C			---	facility close		
Aug. 28 Fr	18:25	18:55	C			---	facility open		
	18:55	21:15	C		099	Flores	iSHELL	MSC	
	21:15	23:15	C		067	Stallard	iSHELL	ACB	
	23:15	00:15	C	X	998	Plavchan	iSHELL	ACB	
Aug. 29 Sa	00:15	06:15	C	X	074	Shkolnik	iSHELL	ACB	
	06:15	06:25	C			---	facility close		
Aug. 29 Sa	18:15	18:45	C,G			---	facility open		
	18:45	19:15	C,G			---	inst. change		
	19:15	20:00	C,G	X	101	Corlies	SpeX	SJB	Service Obs.
	20:00	21:30	C,G	X	110	Tate	SpeX	SJB	
	21:30	23:45	C,G	X	997	Schmidt	SpeX	SJB	
	23:45	01:45	C	X	027	Young	SpeX	SJB	
Aug. 30 Su	01:45	06:05	C	X	029	DeMeo	SpeX/MORIS	SJB	
	06:05	06:15	C			---	facility close		
Aug. 30 Su	18:25	18:55	G			---	facility open		
	18:55	22:25	G	X	005	Holler	SpeX	SJB	
	22:25	06:15	G	X	092	Theissen	SpeX	SJB	
Aug. 31 Mo	06:15	06:25	G			---	facility close		
Aug. 31 Mo	18:25	18:55	G			---	facility open		
	18:55	22:25	G	X	005	Holler	SpeX	SJB	
	22:25	22:55	G	X	110	Tate	SpeX	SJB	Service Obs.
	22:55	23:40	G	X	101	Corlies	SpeX	SJB	Service Obs.
	23:40	06:15	G	X	092	Theissen	SpeX	SJB	

Observer List**August, 2020**

003 Vishnu Reddy, Juan Sanchez, Teddy Kareta, Ben Sharkey, None
 005 Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa
 009 Allison McGraw, Vishnu Reddy, Juan Sanchez
 013 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jon Mauerhan
 014 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 015 Emmanuel Marcq, Franck Lefevre, Therese Encrenaz, Thomas Widemann
 017 Chick Woodward, Nye Evans, Dipankar P.K. Banerjee, Tom Geballe, Sumner Starrfield
 023 Glenn Orton, Thomas Momary, Arrate Antunano, Kevin Baines, Xi Zhang, Leigh Fletcher, Michael Wong, Patrick Irwin, Rohini Giles, James Sinclair, Thomas Greathouse
 026 Bryson Cale, Peter Plavchan, Eric Gaidos, Angelle Tanner, Kevin Collins, Mohammed El Mufti, Justin Wittrock
 027 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
 028 Kevin Luhman, Taran Esplin
 029 Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P Binzel
 030 Klaus Hodapp
 031 Kevin Luhman
 035 David Polishook, Francesca DeMeo, Michael Marsset, Nicholas Moskovitz, Richard Binzel
 041 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
 046 Driss Takir, Joshua Emery
 053 Ellen Howell, Ron Vervack, Yanga Fernandez, Mary Hinkle, Agata Rozek, Sean Marshall
 067 Tom Stallard, Jon Nichols, Luke Moore, James O'Donoghue, Henrik Melin, Nahid Chowdhury, Emma Thomas
 071 Michael Line, Jacob Bean, Matteo Brogi, Joseph Zalesky, Megan Mansfield, Jonathan Fortney, Evgenya Shkolnik, Jean-Michel Desert, Vivien Parmentier, Jennifer Patience
 074 Evgenya Shkolnik, Joe Llama, Tyler Richey-Yowell
 078 Kate Su, George Rieke, Michael Sitko, Andras Gaspar
 082 Adwin Boogert
 092 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
 096 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
 099 Christian Flores, Michael Connelley, Bo Reipurth
 101 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mithcell, Juan Lora, Jonathan Lunine
 108 Mingjie Jian, Noriyuki Matsunaga, Alan Tokunaga, Naoto Kobayashi, Daisuke Taniguchi, Chikako Yasui, Scarlet Seaz Elgueta
 109 Kevin Hardegree-Ullman, Jessie Christiansen, Jon Zink
 110 Christian Tate, Julie Rathbun, Alexander Hayes
 113 Lea Marcotulli, Marco Ajello, Meenakshi Rajagopal, Sean Brittain, Stefano Marchesi
 114 Michael Liu, Michael Lines, Zhoujian Zhang, Mark Marley, William Best, Mark Phillips, Joe Zalesky, Kezman Saboi
 119 Takao Sato, Hideo Sagawa

HST Date	HST Time		TO	Remote	Prog & PI		Instr	SA	Comments
Sep. 1 Tu	06:15	10:30	M	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	M			--- facility close			
Sep. 1 Tu	18:15	18:45	G,E			--- facility open			
	18:45	22:15	G,E		005	Holler	SpeX	SJB	
	22:15	02:30	G,E	X	041	McGraw	SpeX/MORIS	SJB	
Sep. 2 We	02:30	06:05	G	X	104	Shahbandeh	SpeX/MORIS	MSC	
	06:05	10:30	M	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	M			--- facility close			
Sep. 2 We	18:15	18:45	E			--- facility open			
	18:45	22:15	E		005	Holler	SpeX	MSC	
	22:15	22:45	E	X	110	Tate	SpeX	MSC	Service Obs.
	22:45	23:30	E	X	101	Corlies	SpeX	MSC	Service Obs.
	23:30	06:05	E	X	096	Zhang	SpeX	MSC	
Sep. 3 Th	06:05	10:30	M	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	M			--- facility close			
Sep. 3 Th	18:15	18:45	E			--- facility open			
	18:45	22:15	E		005	Holler	SpeX	MSC	
	22:15	23:00	E	X	101	Corlies	SpeX	MSC	Service Obs.
	23:00	02:00	E	X	053	Howell	SpeX	MSC	
Sep. 4 Fr	02:00	06:05	E	X	109	Hardegree-Ullman	SpeX	MSC	
	06:05	10:30	M	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	M			--- facility close			
Sep. 4 Fr	18:15	18:45	E,W			--- facility open			
	18:45	19:15	E,W	X	110	Tate	SpeX	ACB	Service Obs.
	19:15	20:00	E,W	X	101	Corlies	SpeX	ACB	Service Obs.
	20:00	06:05	E,W	X	057	Smart	SpeX	ACB	
Sep. 5 Sa	06:05	10:30	M	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	M			--- facility close			
Sep. 5 Sa	18:15	18:45	W			--- facility open			
	18:45	21:45	W		999	Engineering	SpeX	SJB	
	21:45	23:15	W	X	110	Tate	SpeX	MSC	
	23:15	02:15	W	X	004	Landt	SpeX	MSC	
Sep. 6 Su	02:15	06:05	W	X	013	Sitko	SpeX	MSC	
	06:05	06:15	W			--- facility close			
Sep. 6 Su	17:45	18:15	W			--- facility open			
	18:15	18:45	W			--- inst. change			
	18:45	23:00	W	X	008	Tsang	iSHELL	SJB	
	23:00	05:35	W	X	994	Aoki	iSHELL	SJB	
Sep. 7 Mo	05:35	05:45	W			--- facility close			
Sep. 7 Mo	17:45	18:15	W,G			--- facility open			
	18:15	23:00	W,G	X	008	Tsang	iSHELL	SJB	
	23:00	23:30	W,G			--- inst. change			

	23:30	05:35	W	X	016	Bus	SpeX/MORIS	SJB	
Sep. 8 Tu	05:35	05:45	W			---	facility close		
Sep. 8 Tu	18:15	18:45	G			---	facility open		
	18:45	06:05	G		999	Engineering	TBD	SJB	CW Electronics
Sep. 9 We	06:05	06:15	G			---	facility close		
Sep. 9 We	18:15	18:45	G			---	facility open		
	18:45	06:05	G		999	Engineering	TBD	SJB	CW Electronics
Sep. 10 Th	06:05	06:15	G			---	facility close		
Sep. 10 Th	18:15	18:45	G,E			---	facility open		
	18:45	06:05	G,E		999	Engineering	TBD	SJB	CW Electronics
Sep. 11 Fr	06:05	06:15	G			---	facility close		
Sep. 11 Fr	18:15	18:45	E			---	facility open		
	18:45	05:30	E	X	039	Gaffey	SpeX/MORIS	MSC	
Sep. 12 Sa	05:30	10:30	E,O	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	11:00	O			---	inst. change		
	11:00	11:10	O			---	facility close		
Sep. 12 Sa	17:45	18:15	E			---	facility open		
	18:15	05:00	E	X	059	O'Donoghue	iSHELL	SJB	
Sep. 13 Su	05:00	05:30	E			---	inst. change		
	05:30	10:30	O	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	11:00	O			---	inst. change		
	11:00	11:10	O			---	facility close		
Sep. 13 Su	17:45	18:15	E,C			---	facility open		
	18:15	23:00	E,C	X	059	O'Donoghue	iSHELL	SJB	
	23:00	23:30	E,C			---	inst. change		
	23:30	05:30	E	X	069	Kaluna	SpeX/MORIS	SJB	
Sep. 14 Mo	05:30	10:30	O	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	O			---	facility close		
Sep. 14 Mo	17:45	18:15	C			---	facility open		
	18:15	23:30	C	X	082	Boogert	SpeX	ACB	
	23:30	05:30	C	X	069	Kaluna	SpeX/MORIS	SJB	
Sep. 15 Tu	05:30	10:30	O	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	O			---	facility close		
	10:40	16:00				---	inst. change		
Sep. 15 Tu	17:45	18:15	C			---	facility open		
	18:15	23:00	C	X	008	Tsang	iSHELL	SJB	
	23:00	23:30	C			---	inst. change		
	23:30	05:30	C	X	069	Kaluna	SpeX/MORIS	SJB	
Sep. 16 We	05:30	10:30	O	X	995	Young	SpeX	SJB	Daylight Obs
	10:30	10:40	O			---	facility close		
Sep. 16 We	17:45	18:15	C,G			---	facility open		
	18:15	23:00	C,G	X	024	Orton	SpeX/MORIS	MSC	

	23:00	02:30	C,G	X	025	Karovska	SpeX	ACB	First Night
Sep. 17 Th	02:30	05:35	C	X	075	Trilling	SpeX/MORIS	ACB	
	05:35	05:45	C			---	facility close		
Sep. 17 Th	17:45	18:15	G			---	facility open		
	18:15	23:00	G	X	024	Orton	SpeX/MORIS	MSC	
	23:00	02:30	G	X	025	Karovska	SpeX	ACB	
Sep. 18 Fr	02:30	05:35	G	X	075	Trilling	SpeX/MORIS	ACB	
	05:35	05:45	G			---	facility close		
Sep. 18 Fr	18:15	18:45	G			---	facility open		
	18:45	21:30	G	X	017	Woodward	SpeX/MORIS	MSC	
	21:30	22:00	G	X	110	Tate	SpeX	MSC	Service Obs.
	22:00	22:45	G	X	101	Corlies	SpeX	MSC	Service Obs.
	22:45	05:35	G	X	003	Reddy	SpeX/MORIS	MSC	
Sep. 19 Sa	05:35	06:05	G			---	inst. change		
	06:05	06:15	G			---	facility close		
Sep. 19 Sa	18:15	18:45	G,E			---	facility open		
	18:45	00:45	G,E		071	Line	iSHELL	ACB	
Sep. 20 Su	00:45	02:45	G	X	051	Hinkle	iSHELL	ACB	
	02:45	05:35	G	X	026	Cale	iSHELL	ACB	
	05:35	06:05	G			---	inst. change		
	06:05	06:15	G			---	facility close		
Sep. 20 Su	18:15	18:45	E			---	facility open		
	18:45	23:00	E	X	023	Orton	SpeX/MORIS	MSC	
	23:00	06:05	E	X	016	Bus	SpeX/MORIS	SJB	
Sep. 21 Mo	06:05	06:15	E			---	facility close		
Sep. 21 Mo	18:15	18:45	E			---	facility open		
	18:45	20:00	E	X	023	Orton	SpeX/MORIS	MSC	
	20:00	21:30	E	X	110	Tate	SpeX	MSC	
	21:30	23:00	E	X	023	Orton	SpeX/MORIS	MSC	
	23:00	06:05	E	X	003	Reddy	SpeX/MORIS	MSC	
Sep. 22 Tu	06:05	06:15	E			---	facility close		
	10:00	16:00				---	inst. change		
Sep. 22 Tu	18:15	18:45	E,C			---	facility open		
	18:45	21:00	E,C		067	Stallard	iSHELL	ACB	
	21:00	22:00	E,C	X	998	Plavchan	iSHELL	ACB	
	22:00	22:30	E,C			---	inst. change		
	22:30	06:05	E,C	X	087	De	SpeX/MORIS	MSC	
Sep. 23 We	06:05	06:15	E			---	facility close		
	10:00	16:00				---	inst. change		
Sep. 23 We	18:15	18:45	C			---	facility open		
	18:45	21:00	C		067	Stallard	iSHELL	ACB	
	21:00	22:00	C	X	998	Plavchan	iSHELL	ACB	

	22:00	22:30	C				---	inst. change	
	22:30	06:05	C	X	104	Shahbandeh	SpeX/MORIS		MSC
Sep. 24 Th	06:05	06:15	C				---	facility close	
	10:00	16:00					---	inst. change	
Sep. 24 Th	18:15	18:45	C				---	facility open	
	18:45	21:00	C		067	Stallard	iSHELL		ACB
	21:00	22:00	C	X	998	Plavchan	iSHELL		ACB
	22:00	22:30	C				---	inst. change	
	22:30	06:05	C	X	114	Liu	SpeX		MSC
Sep. 25 Fr	06:05	06:15	C				---	facility close	
	10:00	16:00					---	inst. change	
Sep. 25 Fr	18:15	18:45	C,G				---	facility open	
	18:45	21:00	C,G		067	Stallard	iSHELL		ACB
	21:00	22:00	C,G	X	998	Plavchan	iSHELL		ACB
	22:00	22:30	C,G				---	inst. change	
	22:30	05:35	C,G	X	029	DeMeo	SpeX/MORIS		SJB
Sep. 26 Sa	05:35	06:05	C				---	inst. change	
	06:05	06:15	C				---	facility close	
Sep. 26 Sa	18:15	18:45	G				---	facility open	
	18:45	21:00	G		067	Stallard	iSHELL		ACB
	21:00	22:00	G	X	998	Plavchan	iSHELL		ACB
	22:00	00:30	G	X	026	Cale	iSHELL		SJB
Sep. 27 Su	00:30	06:05	G		999	Engineering	TBD		SJB
	06:05	06:15	G				---	facility close	
Sep. 27 Su	18:15	18:45	G				---	facility open	
	18:45	21:00	G		067	Stallard	iSHELL		ACB
	21:00	22:00	G	X	998	Plavchan	iSHELL		ACB
	22:00	22:30	G				---	inst. change	
	22:30	06:05	G	X	029	DeMeo	SpeX/MORIS		SJB
Sep. 28 Mo	06:05	06:15	G				---	facility close	
Sep. 28 Mo	18:15	18:45	G,W				---	facility open	
	18:45	06:05	G,W	X	046	Takir	SpeX		SJB
Sep. 29 Tu	06:05	06:15	G				---	facility close	
	10:00	16:00					---	inst. change	
Sep. 29 Tu	18:15	18:45	W				---	facility open	
	18:45	22:30	W	X	008	Tsang	iSHELL		SJB
	22:30	06:05	W	X	998	Plavchan	iSHELL		SJB
Sep. 30 We	06:05	06:15	W				---	facility close	
Sep. 30 We	18:15	18:45	W				---	facility open	
	18:45	20:45	W	X	993	Sandell	iSHELL		MSC
	20:45	06:05	W	X	112	Gaidos	iSHELL		SJB

Observer List**September, 2020**

- 003 Vishnu Reddy, Juan Sanchez, Teddy Kareta, Ben Sharkey, None
- 004 Hermine Landt, Jake Mitchell, Martin Ward, Maryam Dehghanian, Gary Ferland, Conor Wildy, Missagh Mehdipour, Bozena Czerny, Daniel Kynoch, Jerry Kriss, Riccardo Middei, Junjie Mao
- 005 Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa
- 008 Constantine Tsang, John Spencer, Thomas Greathouse, Emmanuel Lellouch
- 013 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jon Mauerhan
- 016 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
- 017 Chick Woodward, Nye Evans, Dipankar P.K. Banerjee, Tom Geballe, Sumner Starrfield
- 023 Glenn Orton, Thomas Momary, Arrate Antunano, Kevin Baines, Xi Zhang, Leigh Fletcher, Michael Wong, Patrick Irwin, Rohini Giles, James Sinclair, Thomas Greathouse
- 024 Glenn Orton, Joseph Hora, James Sinclair, Raul Morales-Juberias, Arrate Antunano, Leigh Fletcher, Padraig Donnelly, Henrik Melin, Rohini Giles, Thomas Greathouse
- 025 Margarita Karovska, Joseph Hora, Massimo Marengo
- 026 Bryson Cale, Peter Plavchan, Eric Gaidos, Angelle Tanner, Kevin Collins, Mohammed El Mufti, Justin Wittrock
- 029 Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P Binzel
- 039 Michael Gaffey, Sherry Fieber-Beyer, Justin Germann, Caleb Strom
- 041 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 046 Driss Takir, Joshua Emery
- 051 Kenneth Hinkle, Sean Brittain, Francis Fekel, Thomas Lebzelter, Adwin Boogert
- 053 Ellen Howell, Ron Vervack, Yanga Fernandez, Mary Hinkle, Agata Rozek, Sean Marshall
- 057 Richard Smart, William Cooper, Federico Marocco, Adam Burgasser, J. Davy Kirkpatrick, Mike Cushing, Juan Carlos Beamin, Lius Sarro, Jose Caballero, Celine Reyle, Eric Mamajek, Hugh R. A. Jones, Jacqueline Faherty, Kelle Cruz, Maria Rosa Zapatero-Osorio, Nicolas Lodieu
- 059 James O'Donoghue, Steve Miller, Sergey Yurchenko, Thomas Greathouse, Luke Moore, Jonathan Tennyson, Tom Stallard, Henrik Melin, Nahid Chowdhury, Emma Thomas
- 067 Tom Stallard, Jon Nichols, Luke Moore, James O'Donoghue, Henrik Melin, Nahid Chowdhury, Emma Thomas
- 069 Heather Kaluna, Driss Takir, Moe Matsuoka, Tomohiro Usui
- 071 Michael Line, Jacob Bean, Matteo Brogi, Joseph Zalesky, Megan Mansfield, Jonathan Fortney, Evgenya Shkolnik, Jean-Michel Desert, Vivien Parmentier, Jennifer Patience
- 075 David Trilling, Andy Lopez-Oquendo, Joseph Hora, Howard Smith
- 082 Adwin Boogert
- 087 Kishalay De, Matthew Hankins, Mansi Kasliwal, Ryan Lau, Kaew Tinyanont, Viraj Karambelkar, Jamie Soon, Michael Ashley, Anna Moore, Roberto Soria, Jennifer Sokoloski, Aliya Babul
- 096 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
- 101 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mithcell, Juan Lora, Jonathan Lunine
- 104 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
- 109 Kevin Hardegree-Ullman, Jessie Christiansen, Jon Zink
- 110 Christian Tate, Julie Rathbun, Alexander Hayes
- 112 Eric Gaidos, Andrew Mann, Teruyuki Hirano
- 114 Michael Liu, Michael Lines, Zhoujian Zhang, Mark Marley, William Best, Mark Phillips, Joe Zalesky, Kezman Saboi

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Oct. 1 Th	06:05 06:15	W					--- facility close
Oct. 1 Th	18:05 18:35	W,C					--- facility open
	18:35 22:30	W,C	X	021 Cartwright	SpeX/MORIS	SJB	
	22:30 05:55	W,C	X	082 Boogert	SpeX	ACB	
Oct. 2 Fr	05:55 06:05	W					--- facility close
Oct. 2 Fr	18:05 18:35	C					--- facility open
	18:35 19:20	C	X	023 Orton	SpeX/MORIS	MSC	
	19:20 19:50	C	X	110 Tate	SpeX	MSC	Service Obs.
	19:50 20:35	C	X	101 Corlies	SpeX	MSC	Service Obs.
	20:35 23:20	C	X	030 Hodapp	SpeX	MSC	
	23:20 01:50	C	X	053 Howell	SpeX	MSC	
Oct. 3 Sa	01:50 05:55	C	X	104 Shahbandeh	SpeX/MORIS	MSC	
	05:55 06:05	C					--- facility close
Oct. 3 Sa	18:05 18:35	C					--- facility open
	18:35 19:20	C	X	023 Orton	SpeX/MORIS	MSC	
	19:20 23:20	C		999 Engineering	SpeX	SJB	
	23:20 01:20	C	X	027 Young	SpeX	MSC	
Oct. 4 Su	01:20 05:25	C	X	113 Marcotulli	SpeX	MSC	
	05:25 05:55	C					--- inst. change
	05:55 06:05	C					--- facility close
Oct. 4 Su	18:05 18:35	C,G					--- facility open
	18:35 00:15	C,G	X	084 Dinerstein	iSHELL	MSC	
Oct. 5 Mo	00:15 00:45	C					--- inst. change
	00:45 05:55	C	X	113 Marcotulli	SpeX	MSC	
	05:55 06:05	C					--- facility close
	10:00 16:00						--- inst. change
Oct. 5 Mo	18:05 18:35	G					--- facility open
	18:35 00:15	G	X	084 Dinerstein	iSHELL	MSC	
Oct. 6 Tu	00:15 00:45	G					--- inst. change
	00:45 05:55	G	X	113 Marcotulli	SpeX	MSC	
	05:55 06:05	G					--- facility close
	10:00 16:00						--- inst. change
Oct. 6 Tu	18:05 18:35	G					--- facility open
	18:35 00:15	G	X	084 Dinerstein	iSHELL	MSC	
Oct. 7 We	00:15 00:45	G					--- inst. change
	00:45 05:55	G	X	013 Sitko	SpeX	MSC	
	05:55 06:05	G					--- facility close
Oct. 7 We	17:55 18:25	G,O					--- facility open
	18:25 19:55	G,O	X	110 Tate	SpeX	SJB	
	19:55 20:40	G,O	X	101 Corlies	SpeX	SJB	Service Obs.
	20:40 00:15	G,O	X	041 McGraw	SpeX/MORIS	SJB	
Oct. 8 Th	00:15 05:45	G	X	033 Kareta	SpeX/MORIS	SJB	

	05:45	05:55	G						---	facility close		
Oct. 8 Th	17:30	18:00	O						---	facility open		
	18:00	21:00	O	X	024	Orton	SpeX/MORIS				SJB	
	21:00	00:20	O	X	075	Trilling	SpeX/MORIS				SJB	
Oct. 9 Fr	00:20	05:20	O	X	013	Sitko	SpeX				MSC	
	05:20	05:30	O						---	facility close		
Oct. 9 Fr	18:05	18:35	O						---	facility open		
	18:35	00:35	O	X	082	Boogert	SpeX				ACB	
Oct. 10 Sa	00:35	05:25	O	X	013	Sitko	SpeX				MSC	
	05:25	05:55	O						---	inst. change		
	05:55	06:05	O						---	facility close		
Oct. 10 Sa	17:15	17:45	O,W						---	facility open		
	17:45	20:30	O,W	X	103	Khan	iSHELL				ACB	
	20:30	00:15	O,W		129	Smith	iSHELL				ACB	
Oct. 11 Su	00:15	05:05	O		049	Han	iSHELL				ACB	
	05:05	05:15	O						---	facility close		
Oct. 11 Su	17:15	17:45	W						---	facility open		
	17:45	20:30	W	X	103	Khan	iSHELL				ACB	
	20:30	00:15	W		129	Smith	iSHELL				ACB	
Oct. 12 Mo	00:15	05:05	W		049	Han	iSHELL				ACB	
	05:05	05:15	W						---	facility close		
	10:00	16:00							---	inst. change		
Oct. 12 Mo	18:05	18:35	W						---	facility open		
	18:35	22:00	W	X	021	Cartwright	SpeX/MORIS				SJB	
	22:00	04:00	W		999	Engineering	SpeX				SJB	
Oct. 13 Tu	04:00	11:55	W,M		100	Livengood	SpeX				SJB	Daylight Obs
	11:55	12:05	M						---	facility close		
Oct. 13 Tu	18:05	18:35	W,G						---	facility open		
	18:35	19:20	W,G	X	023	Orton	SpeX/MORIS				SJB	
	19:20	04:00	W,G	X	016	Bus	SpeX/MORIS				SJB	
Oct. 14 We	04:00	11:55	W,M		100	Livengood	SpeX				SJB	Daylight Obs
	11:55	12:05	M						---	facility close		
Oct. 14 We	18:05	18:35	G						---	facility open		
	18:35	19:35	G	X	023	Orton	SpeX/MORIS				MSC	
	19:35	20:20	G	X	101	Corlies	SpeX				MSC	Service Obs.
	20:20	21:50	G	X	110	Tate	SpeX				MSC	
	21:50	04:00	G	X	087	De	SpeX/MORIS				MSC	
Oct. 15 Th	04:00	11:55	G,M		100	Livengood	SpeX				SJB	Daylight Obs
	11:55	12:05	M						---	facility close		
Oct. 15 Th	18:05	18:35	G						---	facility open		
	18:35	19:05	G	X	110	Tate	SpeX				MSC	Service Obs.
	19:05	19:50	G	X	101	Corlies	SpeX				MSC	Service Obs.

	19:50	22:30	G	X	053	Howell	SpeX	MSC	
	22:30	04:00	G	X	035	Polishook	SpeX/MORIS	MSC	
Oct. 16 Fr	04:00	11:55	G,O		100	Livengood	SpeX	SJB	Daylight Obs
	11:55	12:05	O			---	facility close		
	12:05	16:00				---	inst. change		
Oct. 16 Fr	18:05	18:35	G,E			---	facility open		
	18:35	01:25	G,E	X	021	Cartwright	SpeX/MORIS	MSC	
Oct. 17 Sa	01:25	03:30	G		999	Engineering	SpeX	SJB	
	03:30	04:00	G			---	inst. change		
	04:00	11:55	G,O		100	Livengood	iSHELL	SJB	Daylight Obs
	11:55	12:25	O			---	inst. change		
	12:25	12:35	O			---	facility close		
Oct. 17 Sa	18:05	18:35	E			---	facility open		
	18:35	01:25	E	X	021	Cartwright	SpeX/MORIS	MSC	
Oct. 18 Su	01:25	03:30	E		999	Engineering	SpeX	SJB	
	03:30	04:00	E			---	inst. change		
	04:00	11:55	E,O		100	Livengood	iSHELL	SJB	Daylight Obs
	11:55	12:25	O			---	inst. change		
	12:25	12:35	O			---	facility close		
Oct. 18 Su	18:05	18:35	E			---	facility open		
	18:35	05:55	E	X	003	Reddy	SpeX/MORIS	MSC	
Oct. 19 Mo	05:55	06:05	E			---	facility close		
Oct. 19 Mo	18:05	18:35	E,C			---	facility open		
	18:35	19:05	E,C	X	110	Tate	SpeX	MSC	Service Obs.
	19:05	19:50	E,C	X	101	Corlies	SpeX	MSC	Service Obs.
	19:50	20:55	E,C		999	Engineering	SpeX	SJB	
	20:55	05:55	E,C	X	002	Cartwright	SpeX/MORIS	MSC	
Oct. 20 Tu	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 20 Tu	18:05	18:35	C			---	facility open		
	18:35	20:35	C		067	Stallard	iSHELL	ACB	
	20:35	00:15	C	X	026	Cale	iSHELL	ACB	
Oct. 21 We	00:15	05:55	C		049	Han	iSHELL	ACB	
	05:55	06:05	C			---	facility close		
Oct. 21 We	18:05	18:35	C			---	facility open		
	18:35	20:35	C		067	Stallard	iSHELL	ACB	
	20:35	00:15	C	X	106	Connelley	iSHELL	MSC	
Oct. 22 Th	00:15	05:55	C		049	Han	iSHELL	ACB	
	05:55	06:05	C			---	facility close		
Oct. 22 Th	18:05	18:35	C,G			---	facility open		
	18:35	20:35	C,G		067	Stallard	iSHELL	ACB	
	20:35	00:15	C,G	X	026	Cale	iSHELL	ACB	

Oct. 23 Fr	00:15	05:55	C		099	Flores	iSHELL	MSC	
	05:55	06:05	C			---	facility close		
Oct. 23 Fr	18:05	18:35	G			---	facility open		
	18:35	20:35	G		067	Stallard	iSHELL	ACB	
	20:35	00:15	G	X	106	Connelley	iSHELL	MSC	
Oct. 24 Sa	00:15	05:55	G		049	Han	iSHELL	ACB	
	05:55	06:05	G			---	facility close		
Oct. 24 Sa	17:15	17:45	G			---	facility open		
	17:45	20:30	G	X	103	Khan	iSHELL	ACB	
	20:30	00:15	G	X	026	Cale	iSHELL	ACB	
Oct. 25 Su	00:15	05:05	G		049	Han	iSHELL	ACB	
	05:05	05:15	G			---	facility close		
Oct. 25 Su	17:15	17:45	G,E			---	facility open		
	17:45	20:30	G,E	X	103	Khan	iSHELL	ACB	
	20:30	00:15	G,E		999	Engineering	TBD	SJB	
Oct. 26 Mo	00:15	05:05	G		049	Han	iSHELL	ACB	
	05:05	05:15	G			---	facility close		
Oct. 26 Mo	17:15	17:45	E			---	facility open		
	17:45	20:30	E	X	103	Khan	iSHELL	ACB	
	20:30	00:15	E	X	026	Cale	iSHELL	ACB	
Oct. 27 Tu	00:15	05:05	E		099	Flores	iSHELL	MSC	
	05:05	05:15	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 27 Tu	18:05	18:35	E			---	facility open		
	18:35	22:30	E	X	016	Bus	SpeX/MORIS	SJB	
	22:30	23:00	E			---	inst. change		
	23:00	05:55	E	X	112	Gaidos	iSHELL	SJB	
Oct. 28 We	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 28 We	18:05	18:35	E,C			---	facility open		
	18:35	19:05	E,C	X	110	Tate	SpeX	SJB	Service Obs.
	19:05	19:50	E,C	X	101	Corlies	SpeX	SJB	Service Obs.
	19:50	23:45	E,C	X	104	Shahbandeh	SpeX/MORIS	SJB	
	23:45	00:15	E,C			---	inst. change		
Oct. 29 Th	00:15	05:55	E		099	Flores	iSHELL	MSC	
	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 29 Th	18:05	18:35	C			---	facility open		
	18:35	05:55	C	X	123	Faherty	SpeX	SJB	
Oct. 30 Fr	05:55	06:05	C			---	facility close		
Oct. 30 Fr	18:05	18:35	C			---	facility open		
	18:35	20:15	C	X	110	Tate	SpeX	SJB	

	20:15	22:15	C	X	096	Zhang	SpeX	SJB
	22:15	00:15	C	X	027	Young	SpeX	SJB
Oct. 31 Sa	00:15	05:55	C	X	041	McGraw	SpeX/MORIS	SJB
	05:55	06:05	C			---	facility close	
Oct. 31 Sa	18:05	18:35	G			---	facility open	
	18:35	19:05	G			---	inst. change	
	19:05	00:15	G	X	994	Aoki	iSHELL	SJB

Observer List

October, 2020

- 002 Richard Cartwright, Will Grundy
 003 Vishnu Reddy, Juan Sanchez, Teddy Kareta, Ben Sharkey, None
 013 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jon Mauerhan
 016 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 021 Richard Cartwright, Bryan Holler, Silvia Protopapa, Michael Lucas
 023 Glenn Orton, Thomas Momary, Arrate Antunano, Kevin Baines, Xi Zhang, Leigh Fletcher, Michael Wong, Patrick Irwin, Rohini Giles, James Sinclair, Thomas Greathouse
 024 Glenn Orton, Joseph Hora, James Sinclair, Raul Morales-Juberias, Arrate Antunano, Leigh Fletcher, Padraig Donnelly, Henrik Melin, Rohini Giles, Thomas Greathouse
 026 Bryson Cale, Peter Plavchan, Eric Gaidos, Angelle Tanner, Kevin Collins, Mohammed El Mufti, Justin Wittrock
 027 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
 030 Klaus Hodapp
 033 Theodore Kareta, Vishnu Reddy, Walter Harris, Juan Sanchez
 035 David Polishook, Francesca DeMeo, Michael Marsset, Nicholas Moskovitz, Richard Binzel
 041 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
 049 Eunkyun Han
 053 Ellen Howell, Ron Vervack, Yanga Fernandez, Mary Hinkle, Agata Rozek, Sean Marshall
 067 Tom Stallard, Jon Nichols, Luke Moore, James O'Donoghue, Henrik Melin, Nahid Chowdhury, Emma Thomas
 075 David Trilling, Andy Lopez-Oquendo, Joseph Hora, Howard Smith
 082 Adwin Boogert
 084 Harriet Dinerstein, Nicholas Sterling, William Vacca
 087 Kishalay De, Matthew Hankins, Mansi Kasliwal, Ryan Lau, Kaew Tinyanont, Viraj Karambelkar, Jamie Soon, Michael Ashley, Anna Moore, Roberto Soria, Jennifer Sokoloski, Aliya Babul
 096 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
 099 Christian Flores, Michael Connelley, Bo Reipurth
 100 Timothy A. Livengood, John R. Kolasinski, Kandis Lea Jessup
 101 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mithcell, Juan Lora, Jonathan Lunine
 103 Younas Khan, Erika Gibb, Mohammad Saki, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Ron Vervack, Hideyo Kawakita, Nathan Roth, Adam McKay
 104 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
 106 Michael Connelley, Christian Flores, Bo Reipurth
 110 Christian Tate, Julie Rathbun, Alexander Hayes
 112 Eric Gaidos, Andrew Mann, Teruyuki Hirano
 113 Lea Marcotulli, Marco Ajello, Meenakshi Rajagopal, Sean Brittain, Stefano Marchesi
 123 Jackie Faherty, Adam Schneider, Marc Kuchner, Aaron Meisner, Daniella Bardalez Gagliuffi, Jonathan Gagne, Dan Caselden, Davy Kirkpatrick
 129 Rachel Smith, Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Nov. 1 Su	00:15 00:45	G		--- inst. change			
	00:45 05:55	G	X	013 Sitko	SpeX	MSC	
	05:55 06:05	G		--- facility close			
Nov. 1 Su	18:05 18:35	G		--- facility open			
	18:35 03:35	G	X	002 Cartwright	SpeX/MORIS	MSC	
Nov. 2 Mo	03:35 05:55	G	X	013 Sitko	SpeX	MSC	
	05:55 06:05	G		--- facility close			
Nov. 2 Mo	18:05 18:35	G		--- facility open			
	18:35 19:05	G	X	110 Tate	SpeX	MSC	Service Obs.
	19:05 19:50	G	X	101 Corlies	SpeX	MSC	Service Obs.
	19:50 05:55	G	X	096 Zhang	SpeX	MSC	
Nov. 3 Tu	05:55 06:05	G		--- facility close			
Nov. 3 Tu	18:05 18:35	G,E		--- facility open			
	18:35 03:35	G,E	X	002 Cartwright	SpeX/MORIS	SJB	
Nov. 4 We	03:35 05:55	G	X	012 Sitko	SpeX	MSC	
	05:55 06:05	G		--- facility close			
Nov. 4 We	18:05 18:35	E		--- facility open			
	18:35 05:55	E	X	040 Rivkin	SpeX	SJB	
Nov. 5 Th	05:55 06:05	E		--- facility close			
Nov. 5 Th	13:30 14:00	M		--- facility open			
	14:00 19:30	M,E	X	023 Orton	SpeX/MORIS	SJB	Daylight Obs
	19:30 20:15	E	X	101 Corlies	SpeX	SJB	Service Obs.
	20:15 05:55	E	X	046 Takir	SpeX	SJB	
Nov. 6 Fr	05:55 06:05	E		--- facility close			
Nov. 6 Fr	13:30 14:00	M		--- facility open			
	14:00 19:30	M,E,C	X	023 Orton	SpeX/MORIS	SJB	Daylight Obs
	19:30 20:15	E,C	X	101 Corlies	SpeX	SJB	Service Obs.
	20:15 05:55	E,C	X	029 DeMeo	SpeX/MORIS	SJB	
Nov. 7 Sa	05:55 06:05	E		--- facility close			
Nov. 7 Sa	13:00 13:30	M		--- facility open			
	13:30 19:30	M,C	X	024 Orton	SpeX/MORIS	MSC	Daylight Obs
	19:30 23:55	C	X	050 Farihi	SpeX	MSC	First Night
	23:55 02:55	C	X	075 Trilling	SpeX/MORIS	MSC	
Nov. 8 Su	02:55 05:55	C	X	013 Sitko	SpeX	MSC	
	05:55 06:05	C		--- facility close			
Nov. 8 Su	07:00 07:30	O		--- facility open			
	07:30 12:00	O		065 Varatharajan	SpeX	SJB	Daylight Obs, First Night
	12:00 12:10	O		--- facility close			
Nov. 8 Su	13:30 14:00	O		--- facility open			
	14:00 19:30	O,C	X	024 Orton	SpeX/MORIS	MSC	Daylight Obs
	19:30 23:55	C	X	050 Farihi	SpeX	MSC	
	23:55 02:55	C	X	013 Sitko	SpeX	MSC	

Nov. 9 Mo	02:55	05:55	C	X	075	Trilling	SpeX/MORIS	MSC	
	05:55	06:05	C			---	facility close		
Nov. 9 Mo	07:00	07:30	O			---	facility open		
	07:30	12:00	O		065	Varatharajan	SpeX	SJB	Daylight Obs
	12:00	12:10	O			---	facility close		
Nov. 9 Mo	13:30	14:00	O			---	facility open		
	14:00	20:00	O,C,G	X	045	Sinclair	SpeX/MORIS	SJB	Daylight Obs
	20:00	23:55	C,G	X	050	Farihi	SpeX	MSC	
	23:55	05:55	C	X	104	Shahbandeh	SpeX/MORIS	MSC	
Nov. 10 Tu	05:55	06:05	C			---	facility close		
Nov. 10 Tu	07:00	07:30	O			---	facility open		
	07:30	12:00	O		065	Varatharajan	SpeX	SJB	Daylight Obs
	12:00	12:10	O			---	facility close		
Nov. 10 Tu	13:30	14:00	O			---	facility open		
	14:00	20:00	O,G	X	045	Sinclair	SpeX/MORIS	SJB	Daylight Obs
	20:00	23:00	G	X	075	Trilling	SpeX/MORIS	SJB	
	23:00	05:55	G	X	029	DeMeo	SpeX/MORIS	SJB	
Nov. 11 We	05:55	06:05	G			---	facility close		
Nov. 11 We	18:05	18:35	G			---	facility open		
	18:35	19:05	G	X	110	Tate	SpeX	ACB	Service Obs.
	19:05	19:50	G	X	101	Corlies	SpeX	ACB	Service Obs.
	19:50	05:55	G	X	009	McGraw	SpeX/MORIS	ACB	
Nov. 12 Th	05:55	06:05	G			---	facility close		
	10:00	16:00				---	inst. change		
Nov. 12 Th	18:05	18:35	G,E			---	facility open		
	18:35	05:55	G,E		107	Taniguchi	iSHELL	ACB	First Night
Nov. 13 Fr	05:55	06:05	G			---	facility close		
Nov. 13 Fr	18:05	18:35	E			---	facility open		
	18:35	05:25	E		107	Taniguchi	iSHELL	ACB	
Nov. 14 Sa	05:25	05:55	E			---	inst. change		
	05:55	06:05	E			---	facility close		
Nov. 14 Sa	18:05	18:35	E			---	facility open		
	18:35	19:20	E	X	101	Corlies	SpeX	MSC	Service Obs.
	19:20	05:55	E	X	057	Smart	SpeX	MSC	
Nov. 15 Su	05:55	06:05	E			---	facility close		
Nov. 15 Su	16:40	17:10	E,C			---	facility open		
	17:10	18:40	E,C	X	110	Tate	SpeX	MSC	
	18:40	19:25	E,C	X	101	Corlies	SpeX	MSC	Service Obs.
	19:25	23:00	E,C	X	035	Polishook	SpeX/MORIS	MSC	
	23:00	04:30	E,C	X	031	Luhman	SpeX	MSC	
Nov. 16 Mo	04:30	04:40	E			---	facility close		
Nov. 16 Mo	18:05	18:35	C			---	facility open		

	18:35	05:55	C	X	003	Reddy	SpeX/MORIS	SJB	
Nov. 17 Tu	05:55	06:05	C			--- facility close			
Nov. 17 Tu	18:05	18:35	C			--- facility open			
	18:35	03:35	C	X	002	Cartwright	SpeX/MORIS	SJB	
Nov. 18 We	03:35	05:55	C	X	030	Hodapp	SpeX	MSC	
	05:55	06:05	C			--- facility close			
Nov. 18 We	18:05	18:35	C			--- facility open			
	18:35	19:05	C	X	110	Tate	SpeX	MSC	Service Obs.
	19:05	00:25	C	X	014	DeMeo	SpeX/MORIS	MSC	
Nov. 19 Th	00:25	02:25	C	X	098	Fischer	SpeX	MSC	
	02:25	02:55	C			--- inst. change			
	02:55	05:55	C	X	030	Hodapp	iSHELL	MSC	
	05:55	06:05	C			--- facility close			
Nov. 19 Th	18:05	18:35	M			--- facility open			
	18:35	05:55	M	X	106	Connelley	iSHELL	MSC	
Nov. 20 Fr	05:55	06:05	M			--- facility close			
Nov. 20 Fr	18:05	18:35	M			--- facility open			
	18:35	05:25	M	X	106	Connelley	iSHELL	MSC	
Nov. 21 Sa	05:25	05:55	M			--- inst. change			
	05:55	06:05	M			--- facility close			
Nov. 21 Sa	18:05	18:35	M,E			--- facility open			
	18:35	05:55	M,E	X	087	De	SpeX/MORIS	MSC	
Nov. 22 Su	05:55	06:05	M			--- facility close			
Nov. 22 Su	18:05	18:35	E			--- facility open			
	18:35	23:15	E	X	104	Shahbandeh	SpeX/MORIS	MSC	
	23:15	01:15	E	X	098	Fischer	SpeX		
Nov. 23 Mo	01:15	04:55	E	X	075	Trilling	SpeX/MORIS	SJB	
	04:55	05:55	E	X	081	Willner	SpeX	SJB	First Night
	05:55	06:05	E			--- facility close			
Nov. 23 Mo	18:05	18:35	E			--- facility open			
	18:35	05:55	E	X	057	Smart	SpeX	SJB	
Nov. 24 Tu	05:55	06:05	E			--- facility close			
Nov. 24 Tu	18:05	18:35	E,W			--- facility open			
	18:35	21:05	E,W	X	027	Young	SpeX	SJB	
	21:05	05:55	E,W	X	127	Faherty	SpeX	SJB	
Nov. 25 We	05:55	06:05	E			--- facility close			
Nov. 25 We	17:15	17:45	W			--- facility open			
	17:45	18:30	W	X	023	Orton	SpeX/MORIS	SJB	
	18:30	23:45	W		999	Engineering	SpeX	SJB	1st-year students
	23:45	01:45	W	X	098	Fischer	SpeX	SJB	
Nov. 26 Th	01:45	03:15	W	X	992	Tokunaga	SpeX	SJB	
	03:15	05:05	W		999	Engineering	TBD	SJB	

	05:05	05:15	W				---	facility close		
Nov. 26 Th	17:15	17:45	W				---	facility open		
	17:45	18:30	W	X	023	Orton		SpeX/MORIS		SJB
	18:30	05:05	W		999	Engineering		SpeX		SJB
Nov. 27 Fr	05:05	05:15	W				---	facility close		
Nov. 27 Fr	18:05	18:35	W,G				---	facility open		
	18:35	19:55	W,G		999	Engineering		TBD		SJB
	19:55	23:55	W,G	X	079	Lucey		SpeX		SJB
	23:55	05:55	W	X	053	Howell		SpeX		SJB
Nov. 28 Sa	05:55	06:05	W				---	facility close		
Nov. 28 Sa	18:05	18:35	G				---	facility open		
	18:35	21:15	G		999	Engineering		TBD		SJB
	21:15	01:15	G	X	079	Lucey		SpeX		SJB
Nov. 29 Su	01:15	03:15	G	X	098	Fischer		SpeX		SJB
	03:15	05:55	G		999	Engineering		TBD		SJB
	05:55	06:05	G				---	facility close		
Nov. 29 Su	18:05	18:35	G				---	facility open		
	18:35	05:55	G	X	079	Lucey		SpeX		MSC
Nov. 30 Mo	05:55	06:05	G				---	facility close		
Nov. 30 Mo	18:05	18:35	G,E				---	facility open		
	18:35	22:55	G,E	X	046	Takir		SpeX		MSC
	22:55	05:55	G,E	X	053	Howell		SpeX		MSC

Observer List**November, 2020**

- 002 Richard Cartwright, Will Grundy
003 Vishnu Reddy, Juan Sanchez, Teddy Kareta, Ben Sharkey, None
009 Allison McGraw, Vishnu Reddy, Juan Sanchez
012 Michael Sitko, Kevin Wagner, Jordan Stone
013 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jon Mauerhan
014 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
023 Glenn Orton, Thomas Momary, Arrate Antunano, Kevin Baines, Xi Zhang, Leigh Fletcher, Michael Wong, Patrick Irwin, Rohini Giles, James Sinclair, Thomas Greathouse
024 Glenn Orton, Joseph Hora, James Sinclair, Raul Morales-Juberias, Arrate Antunano, Leigh Fletcher, Padraig Donnelly, Henrik Melin, Rohini Giles, Thomas Greathouse
027 Leslie Young, William Grundy, Bryan Holler, Eliot Young, Glenn Orton
029 Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P Binzel
030 Klaus Hodapp
031 Kevin Luhman
035 David Polishook, Francesca DeMeo, Michael Marsset, Nicholas Moskovitz, Richard Binzel
040 Andrew Rivkin, Ellen Howell, Josh Emery
045 James Sinclair, Glenn Orton, James Blake, Leigh Fletcher, Padraig Donnelly, Padma Yanamandre Fisher
046 Driss Takir, Joshua Emery
050 Jay Farihi, JJ Hermes, Ted von Hippel
053 Ellen Howell, Ron Vervack, Yanga Fernandez, Mary Hinkle, Agata Rozek, Sean Marshall
057 Richard Smart, William Cooper, Federico Marocco, Adam Burgasser, J. Davy Kirkpatrick, Mike Cushing, Juan Carlos Beamin, Lius Sarro, Jose Caballero, Celine Reyle, Eric Mamajek, Hugh R. A. Jones, Jacqueline Faherty, Kelle Cruz, Maria Rosa Zapatero-Osorio, Nicolas Lodieu
065 Indhu Varatharajan, Constantine Tsang, Jorn Helbert, Noam Izenberg
075 David Trilling, Andy Lopez-Oquendo, Joseph Hora, Howard Smith
079 Paul Lucey, Casey Honniball, Abigail Flom
081 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
087 Kishalay De, Matthew Hankins, Mansi Kasliwal, Ryan Lau, Kaew Tinyanont, Viraj Karambelkar, Jamie Soon, Michael Ashley, Anna Moore, Roberto Soria, Jennifer Sokoloski, Aliya Babul
096 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
098 Will Fischer, Tracy Beck, James Muzerolle
101 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jason Soderblom, Alejandro Soto, Jonathan Mithcell, Juan Lora, Jonathan Lunine
104 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
106 Michael Connelley, Christian Flores, Bo Reipurth
107 Daisuke Taniguchi, Noriyuki Matsunaga, Mingjie Jian, Scarlet Saez Elgueta, Alan Tokunaga, Naoto Kobayashi, Chikako Yasui
110 Christian Tate, Julie Rathbun, Alexander Hayes
127 Jackie Faherty, Davy Kirkpatrick, Federico Marocco, Marc Kuchner, Dan Caselden, Aaron Meisner, Adam Schneider, Peter Eisenhardt, Edward Wright, Michael Cushing, Jonathan Gagne, Daniella Bardalez Gagliuffi, Sarah Logsdon, Katelyn Allers, Chris Gelino

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Dec. 1 Tu	05:55 06:05	G					--- facility close
Dec. 1 Tu	18:15 18:45	E					--- facility open
	18:45 21:00	E		999 Engineering	TBD	SJB	
	21:00 02:40	E	X	041 McGraw	SpeX/MORIS	MSC	
Dec. 2 We	02:40 06:05	E	X	104 Shahbandeh	SpeX/MORIS	MSC	
	06:05 06:15	E					--- facility close
Dec. 2 We	18:15 18:45	E					--- facility open
	18:45 00:05	E	X	104 Shahbandeh	SpeX/MORIS	MSC	
Dec. 3 Th	00:05 06:05	E	X	053 Howell	SpeX	MSC	
	06:05 06:15	E					--- facility close
Dec. 3 Th	18:15 18:45	E,C					--- facility open
	18:45 21:35	E,C	X	115 Giacalone	SpeX	ACB	
	21:35 23:35	E,C	X	098 Fischer	SpeX	ACB	
	23:35 02:05	E	X	086 Lisse	SpeX/MORIS	ACB	
Dec. 4 Fr	02:05 06:05	E	X	079 Lucey	SpeX	ACB	
	06:05 06:15	E					--- facility close
Dec. 4 Fr	18:15 18:45	C					--- facility open
	18:45 22:05	C	X	115 Giacalone	SpeX	ACB	
	22:05 02:05	C	X	089 Williams	SpeX	SJB	First Night
Dec. 5 Sa	02:05 06:05	C	X	079 Lucey	SpeX	ACB	
	06:05 06:15	C					--- facility close
Dec. 5 Sa	18:15 18:45	C					--- facility open
	18:45 00:05	C	X	115 Giacalone	SpeX	ACB	
Dec. 6 Su	00:05 02:05	C	X	098 Fischer	SpeX	ACB	
	02:05 06:05	C	X	079 Lucey	SpeX	ACB	
	06:05 06:15	C					--- facility close
Dec. 6 Su	18:15 18:45	C,G					--- facility open
	18:45 02:05	C,G	X	014 DeMeo	SpeX/MORIS	SJB	
Dec. 7 Mo	02:05 06:05	C	X	079 Lucey	SpeX	ACB	
	06:05 06:15	C					--- facility close
Dec. 7 Mo	18:15 18:45	G					--- facility open
	18:45 22:30	G	X	115 Giacalone	SpeX	ACB	
	22:30 00:30	G	X	098 Fischer	SpeX	ACB	
Dec. 8 Tu	00:30 05:05	G	X	035 Polishook	SpeX/MORIS	ACB	
	05:05 06:05	G	X	081 Willner	SpeX	SJB	
	06:05 06:15	G					--- facility close
Dec. 8 Tu	17:10 17:40	G					--- facility open
	17:40 19:10	G	X	110 Tate	SpeX	ACB	
	19:10 23:05	G	X	115 Giacalone	SpeX	ACB	
	23:05 00:20	G		116 Habel	SpeX	ACB	First Night
Dec. 9 We	00:20 05:00	G	X	041 McGraw	SpeX/MORIS	ACB	
	05:00 05:10	G					--- facility close

	10:00	15:00					---	inst. change				
Dec. 9 We	15:00	15:30	M				---	facility open				
	15:30	23:59	M,G,E	X	111	Novak		iSHELL		SJB	Daylight Obs	
	23:59	00:30	G				---	inst. change				
Dec. 10 Th	00:30	01:45	G		116	Habel		SpeX		ACB		
	01:45	06:05	G	X	029	DeMeo		SpeX/MORIS		ACB		
	06:05	06:15	G				---	facility close				
	10:00	15:00					---	inst. change				
Dec. 10 Th	15:00	15:30	M				---	facility open				
	15:30	23:59	M,E	X	111	Novak		iSHELL		SJB	Daylight Obs	
	23:59	00:30	E				---	inst. change				
Dec. 11 Fr	00:30	01:45	E		116	Habel		SpeX		ACB		
	01:45	03:45	E	X	098	Fischer		SpeX		ACB		
	03:45	06:05	E		999	Engineering		TBD		SJB		
	06:05	06:15	E				---	facility close				
	10:00	15:00					---	inst. change				
Dec. 11 Fr	15:00	15:30	M				---	facility open				
	15:30	23:59	M,E	X	111	Novak		iSHELL		SJB	Daylight Obs	
	23:59	00:30	E				---	inst. change				
Dec. 12 Sa	00:30	01:45	E		116	Habel		SpeX		ACB		
	01:45	06:05	E	X	109	Hardegree-Ullman		SpeX		ACB		
	06:05	06:15	E				---	facility close				
Dec. 12 Sa	18:15	18:45	E,C				---	facility open				
	18:45	00:30	E,C		077	Wong		SpeX		ACB		
Dec. 13 Su	00:30	01:45	E		116	Habel		SpeX		ACB		
	01:45	06:05	E	X	109	Hardegree-Ullman		SpeX		ACB		
	06:05	06:15	E				---	facility close				
Dec. 13 Su	18:15	18:45	C				---	facility open				
	18:45	23:30	C		077	Wong		SpeX		ACB		
	23:30	00:45	C		116	Habel		SpeX		ACB		
Dec. 14 Mo	00:45	02:45	C	X	098	Fischer		SpeX		ACB		
	02:45	06:05	C	X	035	Polishook		SpeX/MORIS		ACB		
	06:05	06:15	C				---	facility close				
Dec. 14 Mo	18:15	18:45	C				---	facility open				
	18:45	00:30	C		077	Wong		SpeX		ACB		
Dec. 15 Tu	00:30	01:45	C		116	Habel		SpeX		ACB		
	01:45	06:05	C		999	Engineering		TBD		SJB		
	06:05	06:15	C				---	facility close				
Dec. 15 Tu	18:15	18:45	C,G				---	facility open				
	18:45	00:30	C,G		077	Wong		SpeX		ACB		
Dec. 16 We	00:30	01:45	C		116	Habel		SpeX		ACB		
	01:45	06:05	C		999	Engineering		TBD		SJB		

	06:05	06:15	C				---	facility close		
Dec. 16 We	18:15	18:45	G				---	facility open		
	18:45	06:05	G	X	003	Reddy	SpeX/MORIS		SJB	
Dec. 17 Th	06:05	06:15	G				---	facility close		
Dec. 17 Th	18:15	18:45	G				---	facility open		
	18:45	23:45	G		999	Engineering	TBD		SJB	
	23:45	01:45	G	X	098	Fischer	SpeX		ACB	
Dec. 18 Fr	01:45	06:05	G		999	Engineering	TBD		SJB	
	06:05	06:15	G				---	facility close		
Dec. 18 Fr	18:15	18:45	G,E				---	facility open		
	18:45	06:05	G,E	X	092	Theissen	SpeX		ACB	
Dec. 19 Sa	06:05	06:15	G				---	facility close		
Dec. 19 Sa	18:15	18:45	E				---	facility open		
	18:45	06:05	E	X	123	Faherty	SpeX		ACB	
Dec. 20 Su	06:05	06:15	E				---	facility close		
Dec. 20 Su	18:15	18:45	E				---	facility open		
	18:45	06:05	E	X	057	Smart	SpeX		MSC	
Dec. 21 Mo	06:05	06:15	E				---	facility close		
Dec. 21 Mo	18:15	18:45	E,C				---	facility open		
	18:45	22:25	E,C	X	109	Hardegree-Ullman	SpeX		MSC	
	22:25	02:05	E,C	X	040	Rivkin	SpeX		SJB	
Dec. 22 Tu	02:05	06:05	E		999	Engineering	TBD		SJB	
	06:05	06:15	E				---	facility close		
Dec. 22 Tu	12:30	13:00	O				---	facility open		
	13:00	16:00	O	X	024	Orton	SpeX/MORIS		MSC	Daylight Obs
	16:00	16:10	O				---	facility close		
Dec. 22 Tu	18:15	18:45	C				---	facility open		
	18:45	22:45	C	X	075	Trilling	SpeX/MORIS		MSC	
	22:45	05:05	C	X	127	Faherty	SpeX		MSC	
Dec. 23 We	05:05	06:05	C	X	081	Willner	SpeX		SJB	
	06:05	06:15	C				---	facility close		
Dec. 23 We	12:30	13:00	O				---	facility open		
	13:00	16:00	O	X	024	Orton	SpeX/MORIS		MSC	Daylight Obs
	16:00	16:10	O				---	facility close		
Dec. 23 We	18:15	18:45	C				---	facility open		
	18:45	06:05	C	X	127	Faherty	SpeX		MSC	
Dec. 24 Th	06:05	06:15	C				---	facility close		
	-----	-----						Christmas Eve		
Dec. 25 Fr	-----	-----						Christmas		
Dec. 26 Sa	18:15	18:45	O				---	facility open		
	18:45	06:05	O	X	096	Zhang	SpeX		MSC	
Dec. 27 Su	06:05	06:15	O				---	facility close		

Dec. 27 Su	18:15	18:45	O,E					--- facility open
	18:45	06:05	O,E	X	096	Zhang	SpeX	MSC
Dec. 28 Mo	06:05	06:15	O					--- facility close
Dec. 28 Mo	18:15	18:45	E					--- facility open
	18:45	06:05	E	X	046	Takir	SpeX	SJB
Dec. 29 Tu	06:05	06:15	E					--- facility close
Dec. 29 Tu	18:15	18:45	E					--- facility open
	18:45	06:05	E	X	114	Liu	SpeX	MSC
Dec. 30 We	06:05	06:15	E					--- facility close
Dec. 30 We	18:15	18:45	E,C					--- facility open
	18:45	05:35	E,C	X	114	Liu	SpeX	MSC
Dec. 31 Th	05:35	06:05	E					--- inst. change
	06:05	06:15	E					--- facility close
	-----	-----						New Year's Eve

Observer List

December, 2020

- 003 Vishnu Reddy, Juan Sanchez, Teddy Kareta, Ben Sharkey, None
- 014 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskowitz, Andrew Rivkin
- 024 Glenn Orton, Joseph Hora, James Sinclair, Raul Morales-Juberias, Arrate Antunano, Leigh Fletcher, Pdraig Donnelly, Henrik Melin, Rohini Giles, Thomas Greathouse
- 029 Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P Binzel
- 035 David Polishook, Francesca DeMeo, Michael Marsset, Nicholas Moskowitz, Richard Binzel
- 040 Andrew Rivkin, Ellen Howell, Josh Emery
- 041 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 046 Driss Takir, Joshua Emery
- 053 Ellen Howell, Ron Vervack, Yanga Fernandez, Mary Hinkle, Agata Rozek, Sean Marshall
- 057 Richard Smart, William Cooper, Federico Marocco, Adam Burgasser, J. Davy Kirkpatrick, Mike Cushing, Juan Carlos Beamin, Lius Sarro, Jose Caballero, Celine Reyle, Eric Mamajek, Hugh R. A. Jones, Jacqueline Faherty, Kelle Cruz, Maria Rosa Zapatero-Osorio, Nicolas Lodieu
- 075 David Trilling, Andy Lopez-Oquendo, Joseph Hora, Howard Smith
- 077 Ian Wong, Michael Brown, Joshua Emery
- 079 Paul Lucey, Casey Honniball, Abigail Flom
- 081 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
- 086 Carey Lisse, Mike Sitko, Hans Moritz Gunther, Scott Wolk
- 089 Jonathan Williams, Christian Flores, Mike Connelley
- 092 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
- 096 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
- 098 Will Fischer, Tracy Beck, James Muzerolle
- 104 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoefflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
- 109 Kevin Hardegree-Ullman, Jessie Christiansen, Jon Zink
- 110 Christian Tate, Julie Rathbun, Alexander Hayes
- 111 Robert Novak, Michael Mumma
- 114 Michael Liu, Michael Lines, Zhoujian Zhang, Mark Marley, William Best, Mark Phillips, Joe Zalesky, Kezman Saboi
- 115 Steven Giacalone, Courtney Dressing, Ellianna Schwab Abrahams, Emma Turtelboom, Andrew Mayo
- 116 Nolan Habel, Tom Megeath, Nicole Karnath, John Tobin
- 123 Jackie Faherty, Adam Schneider, Marc Kuchner, Aaron Meisner, Daniella Bardalez Gagliuffi, Jonathan Gagne, Dan Caselden, Davy Kirkpatrick
- 127 Jackie Faherty, Davy Kirkpatrick, Federico Marocco, Marc Kuchner, Dan Caselden, Aaron Meisner, Adam Schneider, Peter Eisenhardt, Edward Wright, Michael Cushing, Jonathan Gagne, Daniella Bardalez Gagliuffi, Sarah Logsdon, Katelyn Allers, Chris Gelino

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jan. 1 Fr	18:30 19:00	C		--- facility open			
	19:00 21:15	C	X	026 Cale	iSHELL	ACB	
	21:15 02:15	C		061 Mansfield	iSHELL	ACB	
Jan. 2 Sa	02:15 05:50	C	X	026 Cale	iSHELL	ACB	
	05:50 06:20	C		--- inst. change			
	06:20 06:30	C		--- facility close			
Jan. 2 Sa	18:30 19:00	C,G		--- facility open			
	19:00 01:00	C,G	X	062 Biller	SpeX	MSC	
Jan. 3 Su	01:00 06:20	C	X	057 Smart	SpeX	MSC	
	06:20 06:30	C		--- facility close			
Jan. 3 Su	18:30 19:00	G		--- facility open			
	19:00 01:00	G	X	062 Biller	SpeX	MSC	
Jan. 4 Mo	01:00 06:20	G	X	127 Faherty	SpeX	MSC	
	06:20 06:30	G		--- facility close			
	10:00 16:00			--- inst. change			
Jan. 4 Mo	18:30 19:00	G		--- facility open			
	19:00 02:20	G	X	124 Ward-Duong	iSHELL	ACB	
Jan. 5 Tu	02:20 06:20	G	X	026 Cale	iSHELL	ACB	
	06:20 06:30	G		--- facility close			
Jan. 5 Tu	18:30 19:00	G,E		--- facility open			
	19:00 02:20	G,E	X	124 Ward-Duong	iSHELL	ACB	
Jan. 6 We	02:20 06:20	G	X	026 Cale	iSHELL	ACB	
	06:20 06:30	G		--- facility close			
Jan. 6 We	18:30 19:00	E		--- facility open			
	19:00 02:20	E	X	124 Ward-Duong	iSHELL	ACB	
Jan. 7 Th	02:20 02:50	E		--- inst. change			
	02:50 06:20	E	X	053 Howell	SpeX	SJB	
	06:20 06:30	E		--- facility close			
Jan. 7 Th	18:30 19:00	E		--- facility open			
	19:00 01:00	E	X	996 Espailat	SpeX	SJB	
Jan. 8 Fr	01:00 06:20	E	X	029 DeMeo	SpeX/MORIS	SJB	
	06:20 06:30	E		--- facility close			
Jan. 8 Fr	18:30 19:00	E,C		--- facility open			
	19:00 01:30	E,C	X	996 Espailat	SpeX	SJB	
Jan. 9 Sa	01:30 04:50	E	X	075 Trilling	SpeX/MORIS	SJB	
	04:50 06:20	E	X	081 Willner	SpeX	SJB	
	06:20 06:30	E		--- facility close			
Jan. 9 Sa	18:30 19:00	C		--- facility open			
	19:00 00:40	C	X	996 Espailat	SpeX	SJB	
Jan. 10 Su	00:40 06:20	C	X	041 McGraw	SpeX/MORIS	SJB	
	06:20 06:30	C		--- facility close			
Jan. 10 Su	18:30 19:00	C		--- facility open			

	19:00	01:20	C	X	029	DeMeo	SpeX/MORIS	SJB
Jan. 11 Mo	01:20	03:20	C	X	030	Hodapp	SpeX	SJB
	03:20	06:20	C	X	053	Howell	SpeX	SJB
	06:20	06:30	C			---	facility close	
	10:00	16:00				---	inst. change	
Jan. 11 Mo	18:30	19:00	C,G			---	facility open	
	19:00	21:30	C,G	X	026	Cale	iSHELL	ACB
	21:30	02:30	C,G		061	Mansfield	iSHELL	ACB
Jan. 12 Tu	02:30	06:20	C	X	026	Cale	iSHELL	ACB
	06:20	06:30	C			---	facility close	
Jan. 12 Tu	18:30	19:00	G			---	facility open	
	19:00	00:05	G		129	Smith	iSHELL	ACB
Jan. 13 We	00:05	03:05	G	X	030	Hodapp	iSHELL	ACB
	03:05	06:20	G	X	026	Cale	iSHELL	ACB
	06:20	06:30	G			---	facility close	
	10:00	16:00				---	inst. change	
Jan. 13 We	18:30	19:00	G			---	facility open	
	19:00	06:20	G	X	016	Bus	SpeX/MORIS	SJB
Jan. 14 Th	06:20	06:30	G			---	facility close	
Jan. 14 Th	18:30	19:00	G,E			---	facility open	
	19:00	03:20	G,E	X	003	Reddy	SpeX/MORIS	SJB
Jan. 15 Fr	03:20	06:20	G	X	053	Howell	SpeX	SJB
	06:20	06:30	G			---	facility close	
	10:00	16:00				---	inst. change	
Jan. 15 Fr	18:30	19:00	E			---	facility open	
	19:00	00:30	E	X	038	Banzatti	iSHELL	ACB
Jan. 16 Sa	00:30	01:00	E			---	inst. change	
	01:00	05:50	E	X	003	Reddy	SpeX/MORIS	ACB
	05:50	06:20	E			---	inst. change	
	06:20	06:30	E			---	facility close	
Jan. 16 Sa	18:30	19:00	E			---	facility open	
	19:00	00:30	E	X	038	Banzatti	iSHELL	ACB
Jan. 17 Su	00:30	01:00	E			---	inst. change	
	01:00	05:50	E	X	016	Bus	SpeX/MORIS	SJB
	05:50	06:20	E			---	inst. change	
	06:20	06:30	E			---	facility close	
Jan. 17 Su	18:30	19:00	E			---	facility open	
	19:00	00:30	E	X	038	Banzatti	iSHELL	ACB
Jan. 18 Mo	00:30	01:00	E			---	inst. change	
	01:00	06:20	E		999	Engineering	TBD	SJB
	06:20	06:30	E			---	facility close	
Jan. 18 Mo	18:30	19:00				---	facility open	

	19:00	06:20		X	092	Theissen	SpeX	ACB
Jan. 19 Tu	06:20	06:30				--- facility close		
Jan. 19 Tu	18:30	19:00				--- facility open		
	19:00	06:20		X	040	Rivkin	SpeX	SJB
Jan. 20 We	06:20	06:30				--- facility close		
Jan. 20 We	18:30	19:00	G			--- facility open		
	19:00	06:20	G	X	039	Gaffey	SpeX/MORIS	SJB
Jan. 21 Th	06:20	06:30	G			--- facility close		
	10:00	16:00				--- inst. change		
Jan. 21 Th	18:30	19:00	G			--- facility open		
	19:00	21:45	G	X	026	Cale	iSHELL	ACB
	21:45	02:45	G		061	Mansfield	iSHELL	ACB
Jan. 22 Fr	02:45	06:20	G	X	026	Cale	iSHELL	ACB
	06:20	06:30	G			--- facility close		
Jan. 22 Fr	18:30	19:00	G			--- facility open		
	19:00	00:40	G	X	084	Dinerstein	iSHELL	MSC
Jan. 23 Sa	00:40	01:10	G			--- inst. change		
	01:10	05:50	G	X	075	Trilling	SpeX/MORIS	MSC
	05:50	06:20	G			--- inst. change		
	06:20	06:30	G			--- facility close		
Jan. 23 Sa	18:30	19:00	G,E			--- facility open		
	19:00	00:40	G,E	X	084	Dinerstein	iSHELL	MSC
Jan. 24 Su	00:40	06:20	G		999	Engineering	TBD	SJB
	06:20	06:30	G			--- facility close		
Jan. 24 Su	18:30	19:00	E			--- facility open		
	19:00	00:40	E	X	084	Dinerstein	iSHELL	MSC
Jan. 25 Mo	00:40	06:20	E		999	Engineering	TBD	SJB
	06:20	06:30	E			--- facility close		
Jan. 25 Mo	18:30	19:00	E			--- facility open		
	19:00	06:20	E	X	039	Gaffey	SpeX/MORIS	MSC
Jan. 26 Tu	06:20	06:30	E			--- facility close		
Jan. 26 Tu	18:30	19:00	E,C			--- facility open		
	19:00	00:40	E,C	X	041	McGraw	SpeX/MORIS	MSC
Jan. 27 We	00:40	06:20	E	X	127	Faherty	SpeX	MSC
	06:20	06:30	E			--- facility close		
	10:00	16:00				--- inst. change		
Jan. 27 We	18:30	19:00	C			--- facility open		
	19:00	06:20	C		070	Gaarn	iSHELL	ACB First Night
Jan. 28 Th	06:20	06:30	C			--- facility close		
Jan. 28 Th	18:30	19:00	C			--- facility open		
	19:00	00:30	C	X	031	Luhman	iSHELL	ACB
Jan. 29 Fr	00:30	06:20	C		999	Engineering	TBD	SJB

	06:20	06:30	C					---	facility close
Jan. 29 Fr	18:30	19:00	C,G					---	facility open
	19:00	00:30	C,G	X	031	Luhman	iSHELL		ACB
Jan. 30 Sa	00:30	01:00	C					---	inst. change
	01:00	04:50	C		999	Engineering	TBD		SJB
	04:50	05:50	C	X	081	Willner	SpeX		SJB
	05:50	06:20	C					---	inst. change
	06:20	06:30	C					---	facility close
Jan. 30 Sa	18:30	19:00	G					---	facility open
	19:00	00:30	G	X	031	Luhman	iSHELL		ACB
Jan. 31 Su	00:30	02:20	G	X	026	Cale	iSHELL		ACB
	02:20	06:20	G	X	004	Landt	iSHELL		ACB
	06:20	06:30	G					---	facility close
Jan. 31 Su	18:30	19:00	G					---	facility open
	19:00	19:30	G					---	inst. change
	19:30	21:30	G	X	012	Sitko	SpeX		ACB
	21:30	03:20	G	X	057	Smart	SpeX		ACB

Observer List

January, 2021

- 003 Vishnu Reddy, Juan Sanchez, Teddy Kareta, Ben Sharkey, None
- 004 Hermine Landt, Jake Mitchell, Martin Ward, Maryam Dehghanian, Gary Ferland, Conor Wildy, Missagh Mehdipour, Bozena Czerny, Daniel Kynoch, Jerry Kriss, Riccardo Middei, Junjie Mao
- 012 Michael Sitko, Kevin Wagner, Jordan Stone
- 016 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskowitz, Andrew Rivkin
- 026 Bryson Cale, Peter Plavchan, Eric Gaidos, Angelle Tanner, Kevin Collins, Mohammed El Mufti, Justin Wittrock
- 029 Francesca DeMeo, Michael Marsset, Brian Burt, David Polishook, Richard P Binzel
- 030 Klaus Hodapp
- 031 Kevin Luhman
- 038 Andrea Banzatti, Sean Brittain, Stanley Jensen, Michael Sanchez, Andrew Watkins, John Rayner
- 039 Michael Gaffey, Sherry Fieber-Beyer, Justin Germann, Caleb Strom
- 040 Andrew Rivkin, Ellen Howell, Josh Emery
- 041 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 053 Ellen Howell, Ron Vervack, Yanga Fernandez, Mary Hinkle, Agata Rozek, Sean Marshall
- 057 Richard Smart, William Cooper, Federico Marocco, Adam Burgasser, J. Davy Kirkpatrick, Mike Cushing, Juan Carlos Beamin, Lius Sarro, Jose Caballero, Celine Reyle, Eric Mamajek, Hugh R. A. Jones, Jacqueline Faherty, Kelle Cruz, Maria Rosa Zapatero-Osorio, Nicolas Lodieu
- 061 Megan Mansfield, Jacob Bean, Michael Line, Joe Zalesky, Matteo Brogi, Emily Rauscher, Eliza Kempton
- 062 Beth Biller, Michael Liu, Katelyn Allers, Loic Albert, Sophie Dubber, Jessy Jose, Bhavana Lalchand, Zhoujian Zhang, Etienne Artigau, Wen-Ping Chen, Antoine Herrmann, Mickael Bonnefoy, Philippe Delorme, Greg Herczeg, Yumiko Oasa
- 070 Josefine Gaarn, Ben Burningham, Jackie Faherty, Hugh Jones, Yakiv Pavlenko
- 075 David Trilling, Andy Lopez-Oquendo, Joseph Hora, Howard Smith
- 081 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
- 084 Harriet Dinerstein, Nicholas Sterling, William Vacca
- 092 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Jonathan Gagne, Phil Muirhead, Julie Skinner, Eileen Gonzales, Andrew Mann
- 124 Kimberly Ward-Duong, Michael Petersen, Kate Follette, Jeff Bary, Sarah Betti
- 127 Jackie Faherty, Davy Kirkpatrick, Federico Marocco, Marc Kuchner, Dan Caselden, Aaron Meisner, Adam Schneider, Peter Eisenhardt, Edward Wright, Michael Cushing, Jonathan Gagne, Daniella Bardalez Gagliuffi, Sarah Logsdon, Katelyn Allers, Chris Gelino
- 129 Rachel Smith, Adwin Boogert

HST Date	HST Time		TO	Remote	Prog & PI		Instr	SA	Comments
Feb. 1 Mo	03:20	06:20	G	X	004	Landt	SpeX	ACB	
	06:20	06:30	G			---	facility close		

Observer List

February, 2021

004 Hermine Landt, Jake Mitchell, Martin Ward, Maryam Dehghanian, Gary Ferland, Conor Wildy, Missagh Mehdipour, Bozena Czerny, Daniel Kynoch, Jerry Kriss, Riccardo Middei, Junjie Mao

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