

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Aug. 1 Mo	18:25 18:55	G		---	facility open		
	18:55 22:45	G	X	013 Luhman	SpeX	ACB	
	22:45 23:30	G	X	070 Corlies	SpeX	SJB	Service Obs.
	23:30 23:59	G		---	inst. change		
	23:59 06:15	G	X	015 Bjoraker	iSHELL	SJB	
Aug. 2 Tu	06:15 06:25	G		---	facility close		
	10:00 16:00			---	inst. change		
Aug. 2 Tu	18:25 18:55	G		---	facility open		
	18:55 22:25	G	X	067 Protopapa	SpeX/MORIS	ACB	
	22:25 02:25	G	X	071 Sonnett	SpeX	SJB	
Aug. 3 We	02:25 06:15	G	X	056 Hinkle	SpeX/MORIS	ACB	
	06:15 06:25	G		---	facility close		
	10:00 16:00			---	inst. change		
Aug. 3 We	18:25 18:55	G,E		---	facility open		
	18:55 22:25	G,E	X	069 Lopez-Oquendo	MIRSI/MOC	MSC	
	22:25 22:55	G,E		---	inst. change		
	22:55 23:25	G,E	X	070 Corlies	SpeX	SJB	Service Obs.
	23:25 02:25	G	X	985 Bus	SpeX/MORIS	SJB	
Aug. 4 Th	02:25 06:15	G	X	056 Hinkle	SpeX/MORIS	ACB	
	06:15 06:25	G		---	facility close		
Aug. 4 Th	18:25 18:55	E		---	facility open		
	18:55 00:25	E	X	021 Thomas	SpeX/MORIS	SJB	
Aug. 5 Fr	00:25 01:00	E	X	070 Corlies	SpeX	SJB	Service Obs.
	01:00 06:15	E	X	985 Bus	SpeX/MORIS	SJB	
	06:15 06:25	E		---	facility close		
Aug. 5 Fr	18:25 18:55	E		---	facility open		
	18:55 00:05	E	X	021 Thomas	SpeX/MORIS	SJB	
Aug. 6 Sa	00:05 02:20	E	X	018 Humes	SpeX/MORIS	SJB	
	02:20 04:50	E	X	014 Young	SpeX	SJB	
	04:50 06:15	E		999 Engineering	TBD	ACB	
	06:15 06:25	E		---	facility close		
Aug. 6 Sa	18:25 18:55	E		---	facility open		
	18:55 22:30	E	X	013 Luhman	SpeX	ACB	
	22:30 23:00	E	X	070 Corlies	SpeX	SJB	Service Obs.
	23:00 01:45	E	X	018 Humes	SpeX/MORIS	SJB	
Aug. 7 Su	01:45 06:15	E	X	067 Protopapa	SpeX/MORIS	ACB	
	06:15 06:25	E		---	facility close		
Aug. 7 Su	18:25 18:55	R,M,M		---	facility open		
	18:55 23:35	R,M,M	X	992 Reddy	SpeX/MORIS	SJB	
	23:35 00:05	R,M,M		---	inst. change		
Aug. 8 Mo	00:05 02:55	R,M,M	X	081 Funakoshi	iSHELL	SJB	
	02:55 04:55	R	X	032 Hinkle	iSHELL	ACB	

	04:55	06:15	R		999	Engineering	TBD		ACB
	06:15	06:25	R			---	facility close		
	10:00	16:00				---	inst. change		
Aug. 8 Mo	18:25	18:55	M,M			---	facility open		
	18:55	22:30	M,M	X	048	Sickafoose	SpeX/MORIS	SJB	occultation
	22:30	01:30	M,M	X	072	Holler	SpeX	SJB	
Aug. 9 Tu	01:30	06:15	M,M	X	985	Bus	SpeX/MORIS	SJB	
	06:15	06:25	M,M			---	facility close		
	10:00	16:00				---	inst. change		
Aug. 9 Tu	18:25	18:55	M,M,G			---	facility open		
	18:55	23:25	M,M,G	X	089	Ejeta	iSHELL	SJB	
	23:25	03:25	M,M	X	081	Funakoshi	iSHELL	SJB	
Aug. 10 We	03:25	06:25	M,M	X	019	Faggi	iSHELL	ACB	
	06:25	09:25	R	X	019	Faggi	iSHELL	ACB	Daylight Obs
	09:25	09:35	R			---	facility close		
	10:00	16:00				---	inst. change		
Aug. 10 We	18:25	18:55	G			---	facility open		
	18:55	19:55	G	X	059	Fischer	SpeX	SJB	
	19:55	23:55	G	X	072	Holler	SpeX	SJB	
	23:55	02:55	G	X	033	Howell	SpeX	MSC	
Aug. 11 Th	02:55	06:15	G		999	Engineering	TBD	ACB	
	06:15	06:25	G			---	facility close		
Aug. 11 Th	18:25	18:55	G			---	facility open		
	18:55	21:05	G	X	995	Pittman	SpeX	ACB	
	21:05	00:05	G	X	072	Holler	SpeX	SJB	
Aug. 12 Fr	00:05	06:15	G	X	049	Rackham	SpeX	MSC	
	06:15	06:25	G			---	facility close		
Aug. 12 Fr	18:25	18:55	G,E			---	facility open		
	18:55	19:55	G,E	X	059	Fischer	SpeX	SJB	
	19:55	22:55	G,E	X	072	Holler	SpeX	SJB	
	22:55	23:25	G,E	X	070	Corlies	SpeX	SJB	Service Obs.
	23:25	02:55	G	X	018	Humes	SpeX/MORIS	SJB	
Aug. 13 Sa	02:55	04:45	G		999	Engineering	TBD	ACB	
	04:45	05:15	G			---	inst. change		
	05:15	06:15	G	X	055	Kern	iSHELL	ACB	
	06:15	06:25	G			---	facility close		
Aug. 13 Sa	18:25	18:55	E			---	facility open		
	18:55	00:25	E	X	081	Funakoshi	iSHELL	SJB	
Aug. 14 Su	00:25	00:55	E			---	inst. change		
	00:55	05:45	E	X	092	Orton	MIRSI	MSC	
	05:45	06:15	E			---	inst. change		
	06:15	06:25	E			---	facility close		

Aug. 14 Su	18:25	18:55	E				---	facility open		
	18:55	22:30	E	X	051	Brady	iSHELL		MSC	First Night
	22:30	23:00	E				---	inst. change		
	23:00	06:15	E	X	092	Orton	MIRSI		MSC	
Aug. 15 Mo	06:15	06:25	E				---	facility close		
	10:00	16:00					---	inst. change		
Aug. 15 Mo	18:25	18:55	E,M,M				---	facility open		
	18:55	23:55	E,M,M	X	030	Han	iSHELL		ACB	
	23:55	06:15	E	X	015	Bjoraker	iSHELL		SJB	
Aug. 16 Tu	06:15	06:25	E				---	facility close		
Aug. 16 Tu	18:25	18:55	M,M				---	facility open		
	18:55	00:25	M,M	X	030	Han	iSHELL		ACB	
Aug. 17 We	00:25	00:55	M,M				---	inst. change		
	00:55	06:15	M,M	X	066	Orton	SpeX/MORIS		SJB	
	06:15	06:25	M,M				---	facility close		
	10:00	16:00					---	inst. change		
Aug. 17 We	18:25	18:55	M,M				---	facility open		
	18:55	00:25	M,M	X	030	Han	iSHELL		ACB	
Aug. 18 Th	00:25	00:55	M,M				---	inst. change		
	00:55	06:15	M,M	X	066	Orton	SpeX/MORIS		SJB	
	06:15	06:25	M,M				---	facility close		
	10:00	16:00					---	inst. change		
Aug. 18 Th	18:25	18:55	M,M,G				---	facility open		
	18:55	21:55	M,M,G	X	089	Ejeta	iSHELL		SJB	
	21:55	22:25	M,M,G				---	inst. change		
	22:25	01:25	M,M	X	072	Holler	SpeX		SJB	
Aug. 19 Fr	01:25	03:45	M,M		999	Engineering	SpeX		MSC	Opihi and SpeX
	03:45	06:15	M,M	X	050	Beck	SpeX		ACB	
	06:15	06:25	M,M				---	facility close		
	10:00	16:00					---	inst. change		
Aug. 19 Fr	18:25	18:55	G				---	facility open		
	18:55	21:55	G	X	089	Ejeta	iSHELL		SJB	
	21:55	22:25	G				---	inst. change		
	22:25	22:55	G	X	070	Corlies	SpeX		SJB	Service Obs.
	22:55	00:55	G	X	018	Humes	SpeX/MORIS		SJB	
Aug. 20 Sa	00:55	03:55	G	X	985	Bus	SpeX/MORIS		SJB	
	03:55	06:15	G	X	050	Beck	SpeX		ACB	
	06:15	06:25	G				---	facility close		
Aug. 20 Sa	18:25	18:55	G				---	facility open		
	18:55	19:25	G				---	inst. change		
	19:25	21:55	G	X	089	Ejeta	iSHELL		SJB	
	21:55	22:25	G				---	inst. change		

	22:25	05:15	G	X	006	Emery	SpeX/MORIS	SJB	
Aug. 21 Su	05:15	06:15	G		999	Engineering	TBD	ACB	
	06:15	06:25	G			--- facility close			
Aug. 21 Su	18:25	18:55	G			--- facility open			
	18:55	19:55	G	X	059	Fischer	SpeX	SJB	
	19:55	23:25	G	X	072	Holler	SpeX	SJB	
	23:25	23:55	G			--- inst. change			
	23:55	06:15	G	X	027	Indriolo	iSHELL	ACB	
Aug. 22 Mo	06:15	06:25	G			--- facility close			
Aug. 22 Mo	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 23 Tu	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 24 We	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 25 Th	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 26 Fr	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 27 Sa	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 28 Su	-----	-----				Facility Shutdown			Maintenance Shutdown
Aug. 29 Mo	18:25	18:55	G			--- facility open			
	18:55	00:55	G	X	081	Funakoshi	iSHELL	SJB	
Aug. 30 Tu	00:55	02:50	G		999	Engineering	TBD	ACB	
	02:50	06:25	G	X	019	Faggi	iSHELL	ACB	
	06:25	08:50	R	X	019	Faggi	iSHELL	ACB	Daylight Obs
	08:50	09:00	R			--- facility close			
Aug. 30 Tu	18:25	18:55	G,E			--- facility open			
	18:55	05:30	G,E	X	027	Indriolo	iSHELL	ACB	
Aug. 31 We	05:30	06:15	G	X	055	Kern	iSHELL	ACB	
	06:15	06:25	G			--- facility close			
	10:00	16:00				--- inst. change			
Aug. 31 We	18:25	18:55	E			--- facility open			
	18:55	23:55	E	X	043	Butner	SpeX	MSC	
	23:55	06:15	E	X	006	Emery	SpeX/MORIS	SJB	

Observer List**August, 2022**

- 006 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
013 Kevin Luhman
014 Leslie Young, Will Grundy, Bryan Holler, Glenn Orton, Michael Roman, Eliot Young
015 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
018 Oriel Humes, Cristina Thomas
019 Sara Faggi, Shohei Aoki, Giuliano Liuzzi, Hideo Sagawa, Geronimo Villanueva
021 Cristina Thomas, Schelte J. Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz
027 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire, Arshia Jacob
030 Eunkyun Han
032 Kenneth Hinkle, Sean Brittain, Francis Fekel, Thomas Lebzelter, Adwin Boogert
033 Ellen Howell, Ronald Vervack, Yanga Fernandez, Kiana McFadden, Mary Hinkle, Sam Myers, Sean Marshall
043 Melissa Butner, Richard Ignace, J. Allyn Smith, Christiana Erba, Nicole St. Louis, Raman Prinja
048 Amanda Sickafoose, Carlos Zuluaga, Michael Person, Amanda Bosh, Stephen Levine
049 Benjamin Rackham, Adam Burgasser, Elisabeth Newton, Julien de Wit, Daniel Sebastian
050 Tracy Beck, Gail Schaefer, William Fischer, James Muzerolle
051 Kristin Brady, Catherine Pilachowski
055 Joshua Kern, Sean Brittain, Andrea Banzatti, Stanley Jensen, Janus Kozdon
056 Jason Hinkle, Benjamin Shappee, Anna Payne
059 Will Fischer, Tracy Beck, James Muzerolle
066 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Gordon Bjoraker, Patrick Irwin, Thomas Greathouse, Rohini Giles, Davide Grassi, Shawn Brueshaber
067 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
069 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith
070 Paul Corlies, Alexander Hayes, Mate Adamkovic, Sebastien Rodriguez, Elizabeth Turtle, Jason Soderblom, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine
071 Sarah Sonnett, Driss Takir, Vishnu Reddy, Lucy Williamson, Zachary Smith
072 Bryan Holler, Leslie Young, Will Grundy, Silvia Protopapa
081 Natsuki Funakoshi, Noriyuki Matsunaga, Daisuke Taniguchi, Jian Mingjie
089 Chemed Ejeta, Erika Gibb, Mohammed Saki, Mike DiSanti, Neil Dello Russo, Younas Khan, Nathan Roth, Boncho Bonev, Ron Vervack, Adam McKay, Lori Feaga, Hideyo Kawakita, Michael Combi, Yinsi Shou
092 Glenn Orton, Joseph Hora, James Sinclair, Arrate Antunano, Leigh Fletcher, Thomas Momary, Shawn Brueshaber, Emma Dahl, Henrik Melin, Rohini Giles, Thomas Greathouse

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Sep. 1 Th	06:15 06:25	E					--- facility close
Sep. 1 Th	18:15 18:45	E					--- facility open
	18:45 23:45	E	X	043 Butner	SpeX	MSC	
	23:45 05:05	E	X	006 Emery	SpeX/MORIS	SJB	
Sep. 2 Fr	05:05 06:05	E	X	017 Treu	SpeX	ACB	
	06:05 06:15	E					--- facility close
Sep. 2 Fr	18:15 18:45	E,M,M					--- facility open
	18:45 23:45	E,M,M	X	043 Butner	SpeX	MSC	
	23:45 00:30	E	X	070 Corlies	SpeX	SJB	Service Obs.
Sep. 3 Sa	00:30 01:30	E	X	066 Orton	SpeX/MORIS	SJB	
	01:30 05:00	E	X	021 Thomas	SpeX/MORIS	SJB	
	05:00 06:05	E		999 Engineering	SpeX/MORIS	SJB	
	06:05 06:15	E					--- facility close
Sep. 3 Sa	18:15 18:45	M,M					--- facility open
	18:45 23:30	M,M	X	043 Butner	SpeX	MSC	
	23:30 02:00	M,M	X	014 Young	SpeX	SJB	
Sep. 4 Su	02:00 06:05	M,M	X	021 Thomas	SpeX/MORIS	SJB	
	06:05 06:15	M,M					--- facility close
Sep. 4 Su	18:15 18:45	M,M					--- facility open
	18:45 20:00	M,M	X	999 Engineering	SpeX/MORIS	SJB	
	20:00 00:05	M,M	X	096 Cosentino	SpeX/MORIS	SJB	First Night, occultation
Sep. 5 Mo	00:05 02:35	M,M		999 Engineering	SpeX/MORIS	MSC	Opihi and SpeX
	02:35 03:05	M,M					--- inst. change
	03:05 06:05	M,M	X	019 Faggi	iSHELL	ACB	
	06:05 09:05	R	X	019 Faggi	iSHELL	ACB	Daylight Obs
	09:05 09:35	R					--- inst. change
	09:35 09:45	R					--- facility close
Sep. 5 Mo	18:15 18:45	M,M,G					--- facility open
	18:45 22:15	M,M,G	X	067 Protopapa	SpeX/MORIS	ACB	
	22:15 23:00	M,M,G	X	070 Corlies	SpeX	SJB	Service Obs.
	23:00 03:35	M,M	X	033 Howell	SpeX	MSC	
Sep. 6 Tu	03:35 05:05	M,M	X	057 Abraham	SpeX	SJB	First Night
	05:05 06:05	M,M	X	017 Treu	SpeX	ACB	
	06:05 06:15	M,M					--- facility close
Sep. 6 Tu	18:15 18:45	G					--- facility open
	18:45 23:45	G	X	043 Butner	SpeX	MSC	
	23:45 00:30	G	X	070 Corlies	SpeX	SJB	Service Obs.
Sep. 7 We	00:30 03:05	G	X	066 Orton	SpeX/MORIS	SJB	
	03:05 06:05	G	X	033 Howell	SpeX	MSC	
	06:05 06:15	G					--- facility close
Sep. 7 We	18:15 18:45	G					--- facility open
	18:45 00:45	G		076 Deming	iSHELL	ACB	First Night

Sep. 8 Th	00:45	01:15	G				---	inst. change		
	01:15	06:05	G	X	006	Emery		SpeX/MORIS		SJB
	06:05	06:15	G				---	facility close		
	10:00	16:00					---	inst. change		
Sep. 8 Th	18:15	18:45	G				---	facility open		
	18:45	06:05	G	X	027	Indriolo		iSHELL		MSC
Sep. 9 Fr	06:05	06:15	G				---	facility close		
Sep. 9 Fr	18:15	18:45	E				---	facility open		
	18:45	00:45	E		076	Deming		iSHELL		ACB
Sep. 10 Sa	00:45	01:15	E				---	inst. change		
	01:15	05:05	E	X	006	Emery		SpeX/MORIS		SJB
	05:05	06:05	E		999	Engineering		TBD		ACB
	06:05	06:15	E				---	facility close		
Sep. 10 Sa	18:15	18:45	E				---	facility open		
	18:45	19:15	E				---	inst. change		
	19:15	06:05	E	X	027	Indriolo		iSHELL		ACB
Sep. 11 Su	06:05	06:15	E				---	facility close		
Sep. 11 Su	18:15	18:45	E				---	facility open		
	18:45	00:05	E	X	081	Funakoshi		iSHELL		SJB
Sep. 12 Mo	00:05	06:05	E	X	030	Han		iSHELL		ACB
	06:05	06:15	E				---	facility close		
Sep. 12 Mo	18:15	18:45	E				---	facility open		
	18:45	00:05	E	X	027	Indriolo		iSHELL		ACB
Sep. 13 Tu	00:05	06:05	E	X	030	Han		iSHELL		ACB
	06:05	06:15	E				---	facility close		
Sep. 13 Tu	18:15	18:45	G				---	facility open		
	18:45	22:30	G	X	065	Karambelkar		iSHELL		ACB
	22:30	00:05	G		999	Engineering		TBD		ACB
Sep. 14 We	00:05	06:05	G	X	030	Han		iSHELL		ACB
	06:05	06:15	G				---	facility close		
	10:00	16:00					---	inst. change		
Sep. 14 We	18:30	19:00	G				---	facility open		
	19:00	21:00	G		999	Engineering		TEXES		TEXES
	21:00	02:00	G	X	024	Antunano		TEXES		ACB
Sep. 15 Th	02:00	05:00	G	X	073	Spencer		TEXES		ACB
	05:00	06:20	G		999	Engineering		TEXES		TEXES
	06:20	06:30	G				---	facility close		
Sep. 15 Th	18:30	19:00	G				---	facility open		
	19:00	21:00	G		999	Engineering		TEXES		TEXES
	21:00	02:00	G	X	024	Antunano		TEXES		ACB
Sep. 16 Fr	02:00	05:00	G	X	073	Spencer		TEXES		ACB
	05:00	06:20	G		999	Engineering		TEXES		TEXES

	06:20	06:30	G						--- facility close
Sep. 16 Fr	18:30	19:00	G						--- facility open
	19:00	01:30	G	X	036	Bardet	TEXES		ACB
Sep. 17 Sa	01:30	04:30	G	X	073	Spencer	TEXES		ACB
	04:30	06:20	G		999	Engineering	TEXES		TEXES
	06:20	06:30	G						--- facility close
Sep. 17 Sa	18:30	19:00	E						--- facility open
	19:00	01:30	E	X	036	Bardet	TEXES		ACB
Sep. 18 Su	01:30	04:30	E	X	073	Spencer	TEXES		ACB
	04:30	06:20	E		999	Engineering	TEXES		TEXES
	06:20	06:30	E						--- facility close
Sep. 18 Su	18:30	19:00	E						--- facility open
	19:00	01:00	E	X	020	Coustenis	TEXES		ACB
Sep. 19 Mo	01:00	05:00	E	X	064	Fuchs	TEXES		ACB
	05:00	06:20	E		999	Engineering	TEXES		TEXES
	06:20	06:30	E						--- facility close
Sep. 19 Mo	18:30	19:00	E						--- facility open
	19:00	01:00	E	X	020	Coustenis	TEXES		ACB
Sep. 20 Tu	01:00	04:00	E	X	080	Fonfria	TEXES		ACB
	04:00	06:20	E		999	Engineering	TEXES		TEXES
	06:20	06:30	E						--- facility close
	10:00	16:00							--- inst. change
Sep. 20 Tu	18:15	18:45	E						--- facility open
	18:45	21:45	E	X	033	Howell	SpeX		MSC
	21:45	04:05	E	X	028	Cartwright	SpeX/MORIS		MSC
Sep. 21 We	04:05	06:05	E	X	085	Stringfellow	SpeX		MSC
	06:05	06:15	E						--- facility close
	10:00	16:00							--- inst. change
Sep. 21 We	18:15	18:45	E						--- facility open
	18:45	22:00	E		065	Karambelkar	iSHELL		ACB
	22:00	22:30	E						--- inst. change
	22:30	03:05	E	X	049	Rackham	SpeX		MSC
Sep. 22 Th	03:05	04:05	E	X	017	Treu	SpeX		ACB
	04:05	06:05	E	X	085	Stringfellow	SpeX		MSC
	06:05	06:15	E						--- facility close
	10:00	16:00							--- inst. change
Sep. 22 Th	18:15	18:45	G						--- facility open
	18:45	22:00	G		065	Karambelkar	iSHELL		MSC
	22:00	22:30	G						--- inst. change
	22:30	23:00	G	X	070	Corlies	SpeX		SJB Service Obs.
	23:00	06:05	G	X	077	Tinyanont	SpeX/MORIS		MSC
Sep. 23 Fr	06:05	06:15	G						--- facility close

	10:00	16:00					---	inst. change		
Sep. 23 Fr	18:15	18:45	G				---	facility open		
	18:45	21:45	G		065	Karambelkar	iSHELL		ACB	
	21:45	23:35	G		999	Engineering	TBD		ACB	
	23:35	00:05	G				---	inst. change		
Sep. 24 Sa	00:05	01:35	G	X	069	Lopez-Oquendo	MIRSI/MOC		MSC	
	01:35	02:05	G				---	inst. change		
	02:05	06:05	G	X	050	Beck	SpeX		ACB	
	06:05	06:15	G				---	facility close		
Sep. 24 Sa	18:15	18:45	G				---	facility open		
	18:45	02:05	G	X	068	Zhang	SpeX		MSC	
Sep. 25 Su	02:05	02:35	G				---	inst. change		
	02:35	05:45	G	X	019	Faggi	iSHELL		ACB	
	05:45	08:35	G	X	019	Faggi	iSHELL		ACB	Daylight Obs
	08:35	09:05	G				---	inst. change		
	09:05	09:15	G				---	facility close		
Sep. 25 Su	18:15	18:45	G				---	facility open		
	18:45	21:30	G	X	995	Pittman	SpeX		ACB	
	21:30	03:00	G	X	028	Cartwright	SpeX/MORIS		MSC	
Sep. 26 Mo	03:00	04:30	G	X	026	Polishook	SpeX/MORIS		SJB	
	04:30	06:05	G	X	017	Treu	SpeX		ACB	
	06:05	06:15	G				---	facility close		
Sep. 26 Mo	18:15	18:45	G				---	facility open		
	18:45	21:25	G	X	046	Theissen	SpeX		MSC	
	21:25	23:55	G	X	014	Young	SpeX		SJB	
	23:55	00:25	G				---	inst. change		
Sep. 27 Tu	00:25	02:30	G	X	069	Lopez-Oquendo	MIRSI/MOC		MSC	
	02:30	03:00	G				---	inst. change		
	03:00	04:00	G	X	026	Polishook	SpeX/MORIS		SJB	
	04:00	06:05	G	X	056	Hinkle	SpeX/MORIS		ACB	
	06:05	06:15	G				---	facility close		
Sep. 27 Tu	18:15	18:45	E				---	facility open		
	18:45	19:30	E	X	070	Corlies	SpeX		SJB	Service Obs.
	19:30	20:00	E				---	inst. change		
	20:00	02:30	E	X	092	Orton	MIRSI		MSC	
Sep. 28 We	02:30	03:00	E				---	inst. change		
	03:00	04:00	E	X	026	Polishook	SpeX/MORIS		SJB	
	04:00	06:05	E	X	056	Hinkle	SpeX/MORIS		ACB	
	06:05	06:15	E				---	facility close		
Sep. 28 We	18:15	18:45	E				---	facility open		
	18:45	19:30	E	X	070	Corlies	SpeX		SJB	Service Obs.
	19:30	03:00	E	X	066	Orton	SpeX/MORIS		SJB	

Sep. 29 Th	03:00	04:30	E	X	026	Polishook	SpeX/MORIS	SJB
	04:30	06:05	E	X	017	Treu	SpeX	ACB
	06:05	06:15	E			--- facility close		
	10:00	16:00				--- inst. change		
Sep. 29 Th	18:15	18:45	E,W			--- facility open		
	18:45	21:15	E,W	X	065	Karambelkar	iSHELL	SJB
	21:15	01:45	E,W	X	015	Bjoraker	iSHELL	SJB
Sep. 30 Fr	01:45	02:30	E	X	055	Kern	iSHELL	ACB
	02:30	03:00	E			--- inst. change		
	03:00	04:00	E	X	026	Polishook	SpeX/MORIS	SJB
	04:00	06:05	E	X	057	Abraham	SpeX	SJB
	06:05	06:15	E			--- facility close		
Sep. 30 Fr	18:15	18:45	W			--- facility open		
	18:45	21:00	W	X	090	Rubin	SpeX/MORIS	MSC
	21:00	03:00	W	X	066	Orton	SpeX/MORIS	SJB

Observer List**September, 2022**

- 006 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
- 014 Leslie Young, Will Grundy, Bryan Holler, Glenn Orton, Michael Roman, Eliot Young
- 015 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
- 017 Tommaso Treu, Vardha Bennert, Michael Brotherton, Hermine Landt, Jan-Min Wang, Matthew Malkan, Aaron Barth, Yan-Rong Li, Pu Du, Chen Hu, Nathalia De Souza, Jewel Capili, Jess Howell, Jacob McLane, Keith Horne, Lizvette Villafana
- 019 Sara Faggi, Shohei Aoki, Giuliano Liuzzi, Hideo Sagawa, Geronimo Villanueva
- 020 Athena Coustenis, Therese Encrenaz, Thomas Greathouse, Conor Nixon, Panayotis Lavvas, Antoine Jolly, Brendan Steffens, Rohini Giles, Nicholas Lombardo
- 021 Cristina Thomas, Schelte J. Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz
- 024 Arrate Antunano, Leigh N. Fletcher, Thomas Greathouse, Glenn S Orton, Rohini Giles, Henrik Melin, Pdraig T. Donnelly, James A. Sinclair, Michael T. Roman, Jake Harkett, Deborah Barde
- 026 David Polishook, Andrew Rivkin, Cristina Thomas
- 027 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire, Arshia Jacob
- 028 Richard Cartwright, Bryan Holler, Michael Lucas, Ben Sharkey, Driss Takir, Silvia Protopapa, Tom Nordheim
- 030 Eunkyun Han
- 033 Ellen Howell, Ronald Vervack, Yanga Fernandez, Kiana McFadden, Mary Hinkle, Sam Myers, Sean Marshall
- 036 Deborah Bardet, Leigh Fletcher, Rohini Giles, Thomas Greathouse, Glenn Orton, Micheal Roman, Arrate Antunano, Jake Harkett, Henrik Melin, Oliver King
- 043 Melissa Butner, Richard Ignace, J. Allyn Smith, Christiana Erba, Nicole St. Louis, Raman Prinja
- 046 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu
- 049 Benjamin Rackham, Adam Burgasser, Elisabeth Newton, Julien de Wit, Daniel Sebastian
- 050 Tracy Beck, Gail Schaefer, William Fischer, James Muzerolle
- 055 Joshua Kern, Sean Brittain, Andrea Banzatti, Stanley Jensen, Janus Kozdon
- 056 Jason Hinkle, Benjamin Shappee, Anna Payne
- 057 Peter Abraham, Agnes Kospal, Hermine Landt-Wilman
- 064 Guido W. Fuchs, Eileen Doering, David Gobrecht, Thomas K. Greathouse, Rohini S. Giles, Thomas F. Giesen, Leen Decin, John H. Lacy
- 065 Viraj Karambelkar, Mansi Kasliwal, Courtney Crawford, Geoff Clayton, Patrick Tisserand
- 066 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Gordon Bjoraker, Patrick Irwin, Thomas Greathouse, Rohini Giles, Davide Grassi, Shawn Brueshaber
- 067 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
- 068 Zhoujian Zhang, Brendan Bowler, Keith Hawkins, Paul Molliere, Caroline Morley
- 069 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith
- 070 Paul Corlies, Alexander Hayes, Mate Adamkovics, Sebastien Rodriguez, Elizabeth Turtle, Jason Soderblom, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine
- 073 John Spencer
- 076 Drake Deming, Guangwei Fu, Thomas Greene, Gregory Henry, Jegug Ih, Eliza Kempton, Heather Knutson, Dana Louie, Julianne Moses, Arjun Savel, Michael Zhang
- 077 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
- 080 Jose Pablo Fonfria, Edward J. Montiel, Matthew J. Richter, Curtis N. DeWitt, Jose Cernicharo
- 081 Natsuki Funakoshi, Noriyuki Matsunaga, Daisuke Taniguchi, Jian Mingjie
- 085 Guy Stringfellow, Rhiannon Harding, Amaranta Yanez
- 090 David Rubin
- 092 Glenn Orton, Joseph Hora, James Sinclair, Arrate Antunano, Leigh Fletcher, Thomas Momary, Shawn Brueshaber, Emma Dahl, Henrik Melin, Rohini Giles, Thomas Greathouse
- 096 Richard Cosentino, Eliot Young, Paul Corlies, Conor Nixon, Katherine de Kleer, Alexander Thelen, Martin Cordiner, Imke de Pater, Theresa Marlin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Oct. 1 Sa	03:00 04:00	W	X	026 Polishook	SpeX/MORIS	SJB	
	04:00 06:05	W	X	085 Stringfellow	SpeX	MSC	
	06:05 06:15	W		---	facility close		
Oct. 1 Sa	18:05 18:35	W,R		---	facility open		
	18:35 19:05	W,R		---	inst. change		
	19:05 21:30	W,R	X	069 Lopez-Oquendo	MIRSI/MOC	MSC	
	21:30 02:30	W,R	X	092 Orton	MIRSI	MSC	
Oct. 2 Su	02:30 03:00	W		---	inst. change		
	03:00 04:00	W	X	026 Polishook	SpeX/MORIS	MSC	
	04:00 05:55	W	X	085 Stringfellow	SpeX	MSC	
	05:55 06:05	W		---	facility close		
Oct. 2 Su	18:05 18:35	R,G		---	facility open		
	18:35 19:05	R,G		---	inst. change		
	19:05 21:35	R,G	X	065 Karambelkar	iSHELL	ACB	
	21:35 22:05	R,G		---	inst. change		
	22:05 22:35	R,G	X	012 Gaidos	SpeX	ACB	
	22:35 23:05	R	X	070 Corlies	SpeX	ACB	Service Obs.
	23:05 02:45	R	X	056 Hinkle	SpeX/MORIS	ACB	
Oct. 3 Mo	02:45 05:55	R	X	033 Howell	SpeX	MSC	
	05:55 06:05	R		---	facility close		
Oct. 3 Mo	18:05 18:35	G		---	facility open		
	18:35 02:00	G	X	077 Tinyanont	SpeX/MORIS	ACB	
Oct. 4 Tu	02:00 05:00	G	X	984 Payne	SpeX/MORIS	ACB	
	05:00 05:55	G	X	017 Treu	SpeX	ACB	
	05:55 06:05	G		---	facility close		
Oct. 4 Tu	18:05 18:35	G		---	facility open		
	18:35 20:35	G	X	090 Rubin	SpeX/MORIS	MSC	
	20:35 21:15	G	X	070 Corlies	SpeX	MSC	Service Obs.
	21:15 02:00	G	X	049 Rackham	SpeX	MSC	
Oct. 5 We	02:00 02:55	G	X	012 Gaidos	SpeX	ACB	
	02:55 05:55	G	X	984 Payne	SpeX/MORIS	ACB	
	05:55 06:05	G		---	facility close		
Oct. 5 We	18:05 18:35	G,E		---	facility open		
	18:35 23:05	G,E		052 De	SpeX	ACB	
	23:05 23:35	G,E	X	012 Gaidos	SpeX	ACB	
	23:35 02:55	G	X	987 Liu	SpeX	MSC	
Oct. 6 Th	02:55 03:25	G		---	inst. change		
	03:25 05:55	G	X	069 Lopez-Oquendo	MIRSI/MOC	MSC	
	05:55 06:05	G		---	facility close		
	10:00 16:00			---	inst. change		
Oct. 6 Th	18:05 18:35	E		---	facility open		
	18:35 20:35	E	X	090 Rubin	SpeX/MORIS	MSC	

	20:35	00:55	E	X	067	Protopapa	SpeX/MORIS	MSC	
Oct. 7 Fr	00:55	04:55	E	X	997	Saunders	MORIS	MSC	
	04:55	05:55	E	X	017	Treu	SpeX	MSC	
	05:55	06:05	E			---	facility close		
Oct. 7 Fr	18:05	18:35	E			---	facility open		
	18:35	23:05	E		052	De	SpeX	ACB	
	23:05	23:35	E	X	070	Corlies	SpeX	ACB	Service Obs.
	23:35	00:05	E	X	012	Gaidos	SpeX	ACB	
Oct. 8 Sa	00:05	02:55	E		999	Engineering	TBD	ACB	
	02:55	05:55	E	X	985	Bus	SpeX/MORIS	SJB	
	05:55	06:05	E			---	facility close		
Oct. 8 Sa	18:05	18:35	E,M,M			---	facility open		
	18:35	23:05	E,M,M		052	De	SpeX	MSC	
	23:05	23:35	E,M,M	X	012	Gaidos	SpeX	ACB	
	23:35	01:55	E	X	999	Engineering	SpeX	MSC	Opihi and SpeX
Oct. 9 Su	01:55	02:55	E	X	017	Treu	SpeX	ACB	
	02:55	05:55	E	X	985	Bus	SpeX/MORIS	SJB	
	05:55	06:05	E			---	facility close		
Oct. 9 Su	18:05	18:35	M,M			---	facility open		
	18:35	23:05	M,M		052	De	SpeX	SJB	
	23:05	23:35	M,M	X	070	Corlies	SpeX	SJB	Service Obs.
	23:35	00:05	M,M	X	012	Gaidos	SpeX	ACB	
Oct. 10 Mo	00:05	02:55	M,M	X	997	Saunders	MORIS	SJB	
	02:55	05:55	M,M	X	033	Howell	SpeX	MSC	
	05:55	06:05	M,M			---	facility close		
Oct. 10 Mo	19:05	19:35	M,M			---	facility open		
	19:35	22:55	M,M	X	986	Kaluna	SpeX/MORIS	SJB	
	22:55	23:25	M,M	X	012	Gaidos	SpeX	ACB	
	23:25	23:55	M,M			---	inst. change		
	23:55	06:55	M,M	X	019	Faggi	iSHELL	ACB	
Oct. 11 Tu	06:55	07:05	M,M			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 11 Tu	18:05	18:35	M,M,G			---	facility open		
	18:35	23:55	M,M,G	X	097	Shahbandeh	SpeX/MORIS	MSC	
	23:55	05:55	M,M		091	Bary	SpeX	MSC	
Oct. 12 We	05:55	06:05	M,M			---	facility close		
Oct. 12 We	18:05	18:35	G			---	facility open		
	18:35	19:20	G	X	070	Corlies	SpeX	SJB	Service Obs.
	19:20	21:20	G	X	980	Melis	SpeX/MORIS	ACB	
	21:20	22:25	G	X	999	Engineering	SpeX	MSC	Opihi and SpeX
	22:25	22:55	G	X	012	Gaidos	SpeX	ACB	
	22:55	04:55	G		091	Bary	SpeX	MSC	

Oct. 13 Th	04:55	05:55	G	X	017	Treu	SpeX	ACB	
	05:55	06:05	G				--- facility close		
Oct. 13 Th	18:05	18:35	G				--- facility open		
	18:35	21:35	G	X	090	Rubin	SpeX/MORIS	MSC	
	21:35	23:30	G	X	066	Orton	SpeX/MORIS	SJB	
	23:30	02:00	G	X	018	Humes	SpeX/MORIS	SJB	
Oct. 14 Fr	02:00	05:55	G	X	048	Sickafoose	SpeX/MORIS	SJB	occultation
	05:55	06:05	G				--- facility close		
Oct. 14 Fr	18:05	18:35	G,E				--- facility open		
	18:35	23:55	G,E	X	077	Tinyanont	SpeX/MORIS	ACB	
	23:55	05:55	G		091	Bary	SpeX	MSC	
Oct. 15 Sa	05:55	06:05	G				--- facility close		
Oct. 15 Sa	18:05	18:35	E				--- facility open		
	18:35	19:20	E	X	070	Corlies	SpeX	SJB	Service Obs.
	19:20	21:20	E		981	Laychak	SpeX/MORIS	ACB	Maunakea Scholars
	21:20	22:25	E	X	999	Engineering	SpeX	MSC	Opihi and SpeX
	22:25	22:55	E	X	012	Gaidos	SpeX	ACB	
	22:55	04:55	E		091	Bary	SpeX	MSC	
Oct. 16 Su	04:55	05:55	E	X	017	Treu	SpeX	ACB	
	05:55	06:05	E				--- facility close		
Oct. 16 Su	18:05	18:35	E				--- facility open		
	18:35	20:35	E		981	Laychak	SpeX/MORIS	ACB	Maunakea Scholars
	20:35	21:25	E	X	999	Engineering	SpeX	MSC	Opihi and SpeX
	21:25	21:55	E	X	012	Gaidos	SpeX	ACB	
	21:55	01:55	E	X	075	Holler	SpeX/MORIS	SJB	
Oct. 17 Mo	01:55	02:55	E	X	999	Engineering	SpeX	MSC	
	02:55	05:55	E	X	033	Howell	SpeX	MSC	
	05:55	06:05	E				--- facility close		
Oct. 17 Mo	18:05	18:35	E				--- facility open		
	18:35	21:40	E	X	090	Rubin	SpeX/MORIS	MSC	
	21:40	22:10	E	X	070	Corlies	SpeX	SJB	Service Obs.
	22:10	22:55	E	X	012	Gaidos	SpeX	ACB	
	22:55	04:55	E		091	Bary	SpeX	MSC	
Oct. 18 Tu	04:55	05:55	E	X	017	Treu	SpeX	ACB	
	05:55	06:05	E				--- facility close		
Oct. 18 Tu	18:05	18:35	R				--- facility open		
	18:35	23:55	R	X	046	Theissen	SpeX	MSC	
	23:55	05:55	R		091	Bary	SpeX	MSC	
Oct. 19 We	05:55	06:05	R				--- facility close		
Oct. 19 We	18:05	18:35	R,E,M,M				--- facility open		
	18:35	20:00	R,E,M,MX		979	Smith	SpeX/MORIS	ACB	
	20:00	05:55	R,E,M,MX		021	Thomas	SpeX/MORIS	SJB	

Oct. 20 Th	05:55	06:05	R,E,M,M						---	facility close		
Oct. 20 Th	18:05	18:35	M,M,G						---	facility open		
	18:35	19:20	M,M,G	X	070	Corlies	SpeX		SJB	Service Obs.		
	19:20	21:20	M,M,G	X	980	Melis	SpeX/MORIS		SJB			
	21:20	00:55	M,M,G		999	Engineering	TBD		ACB			
Oct. 21 Fr	00:55	01:25	M,M	X	012	Gaidos	SpeX		ACB			
	01:25	02:25	M,M	X	017	Treu	SpeX		ACB			
	02:25	04:25	M,M	X	085	Stringfellow	SpeX		MSC			
	04:25	05:55	M,M		999	Engineering	TBD		ACB			
	05:55	06:05	M,M						---	facility close		
Oct. 21 Fr	18:05	18:35	G						---	facility open		
	18:35	20:35	G	X	090	Rubin	SpeX/MORIS		MSC			
	20:35	01:30	G	X	986	Kaluna	SpeX/MORIS		SJB			
Oct. 22 Sa	01:30	03:00	G	X	984	Payne	SpeX/MORIS		ACB			
	03:00	05:55	G	X	085	Stringfellow	SpeX		MSC			
	05:55	06:05	G						---	facility close		
Oct. 22 Sa	18:05	18:35	G						---	facility open		
	18:35	19:30	G	X	070	Corlies	SpeX		SJB	Service Obs.		
	19:30	22:00	G	X	014	Young	SpeX		SJB			
	22:00	23:00	G	X	066	Orton	SpeX/MORIS		SJB			
	23:00	23:30	G	X	012	Gaidos	SpeX		ACB			
	23:30	02:00	G	X	978	Liu	SpeX/MORIS		ACB			
Oct. 23 Su	02:00	03:55	G	X	999	Engineering	SpeX/MORIS		MSC			
	03:55	05:55	G	X	017	Treu	SpeX		ACB			
	05:55	06:05	G						---	facility close		
Oct. 23 Su	18:05	18:35	G,E						---	facility open		
	18:35	03:35	G,E	X	993	Muirhead	SpeX		MSC			
Oct. 24 Mo	03:35	05:55	G	X	999	Engineering	SpeX/MORIS		SJB			
	05:55	06:05	G						---	facility close		
Oct. 24 Mo	18:05	18:35	E						---	facility open		
	18:35	19:35	E	X	979	Smith	SpeX/MORIS		ACB			
	19:35	20:25	E		999	Engineering	SpeX		ACB			
	20:25	20:55	E						---	inst. change		
	20:55	22:55	E	X	060	Johns-Krull	iSHELL		ACB			
	22:55	04:25	E	X	038	Trafton	iSHELL		ACB	First Night		
Oct. 25 Tu	04:25	04:55	E						---	inst. change		
	04:55	05:55	E	X	017	Treu	SpeX		ACB			
	05:55	06:05	E						---	facility close		
	10:00	16:00							---	inst. change		
Oct. 25 Tu	18:05	18:35	E						---	facility open		
	18:35	22:05	E	X	069	Lopez-Oquendo	MIRSI/MOC		MSC			
	22:05	22:35	E						---	inst. change		

	22:35	03:35	E	X	007	Cartwright	SpeX/MORIS	MSC	
Oct. 26 We	03:35	05:55	E	X	999	Engineering	SpeX/MORIS	SJB	
	05:55	06:05	E			---	facility close		
Oct. 26 We	18:05	18:35	E,M,M			---	facility open		
	18:35	21:05	E,M,M	X	060	Johns-Krull	iSHELL	ACB	
	21:05	02:35	E,M,M	X	038	Trafton	iSHELL	ACB	
Oct. 27 Th	02:35	05:55	E	X	999	Engineering	iSHELL	MSC	
	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Oct. 27 Th	18:05	18:35	M,M			---	facility open		
	18:35	01:25	M,M	X	097	Shahbandeh	SpeX/MORIS	MSC	
Oct. 28 Fr	01:25	04:25	M,M	X	033	Howell	SpeX	MSC	
	04:25	05:55	M,M	X	017	Treu	SpeX	ACB	
	05:55	06:05	M,M			---	facility close		
Oct. 28 Fr	18:05	18:35	M,M			---	facility open		
	18:35	19:20	M,M	X	070	Corlies	SpeX	SJB	Service Obs.
	19:20	20:20	M,M	X	979	Smith	SpeX/MORIS	ACB	
	20:20	23:25	M,M		999	Engineering	TBD	ACB	
	23:25	23:55	M,M	X	012	Gaidos	SpeX	ACB	
	23:55	04:55	M,M	X	050	Beck	SpeX	ACB	
Oct. 29 Sa	04:55	05:55	M,M	X	999	Engineering	SpeX	MSC	
	05:55	06:05	M,M			---	facility close		
Oct. 29 Sa	18:05	18:35	M,M,G			---	facility open		
	18:35	19:35	M,M,G	X	979	Smith	SpeX/MORIS	ACB	
	19:35	20:05	M,M,G			---	inst. change		
	20:05	21:45	M,M,G		999	Engineering	TBD	ACB	
	21:45	03:15	M,M,G	X	038	Trafton	iSHELL	ACB	
Oct. 30 Su	03:15	05:55	M,M	X	100	Smith	iSHELL	ACB	
	05:55	06:05	M,M			---	facility close		
Oct. 30 Su	18:05	18:35	G			---	facility open		
	18:35	22:55	G	X	988	Boogert	iSHELL	ACB	
	22:55	05:55	G	X	019	Faggi	iSHELL	ACB	
Oct. 31 Mo	05:55	06:05	G			---	facility close		
Oct. 31 Mo	18:05	18:35	G			---	facility open		
	18:35	21:05	G	X	060	Johns-Krull	iSHELL	ACB	
	21:05	02:35	G	X	038	Trafton	iSHELL	ACB	

Observer List**October, 2022**

- 007 Richard Cartwright, Tom Nordheim, Will Grundy, Bryan Holler, Michael Lucas, Chloe Beddingfield
012 Eric Gaidos, Alexa Anderson, Rena Lee
014 Leslie Young, Will Grundy, Bryan Holler, Glenn Orton, Michael Roman, Eliot Young
017 Tommaso Treu, Vardha Bennert, Michael Brotherton, Hermine Landt, Jan-Min Wang, Matthew Malkan, Aaron Barth, Yan-Rong Li, Pu Du, Chen Hu, Nathalia De Souza, Jewel Capili, Jess Howell, Jacob McLane, Keith Horne, Lizvette Villafana
018 Oriel Humes, Cristina Thomas
019 Sara Faggi, Shohei Aoki, Giuliano Liuzzi, Hideo Sagawa, Geronimo Villanueva
021 Cristina Thomas, Schelte J. Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz
026 David Polishook, Andrew Rivkin, Cristina Thomas
033 Ellen Howell, Ronald Vervack, Yanga Fernandez, Kiana McFadden, Mary Hinkle, Sam Myers, Sean Marshall
038 Laurence Trafton, Henrik Melin
046 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu
048 Amanda Sickafoose, Carlos Zuluaga, Michael Person, Amanda Bosh, Stephen Levine
049 Benjamin Rackham, Adam Burgasser, Elisabeth Newton, Julien de Wit, Daniel Sebastian
050 Tracy Beck, Gail Schaefer, William Fischer, James Muzerolle
052 Kishalay De, Ryan Lau, Morgan Macleod, Jacob Jencson, Robert Simcoe
056 Jason Hinkle, Benjamin Shappee, Anna Payne
060 Christopher Johns-Krull, Lisa Prato, Asa Stahl, Shih-Yun Tang, Andrea Isella, Jason Ling, Joe Llama
065 Viraj Karambelkar, Mansi Kasliwal, Courtney Crawford, Geoff Clayton, Patrick Tisserand
066 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Gordon Bjoraker, Patrick Irwin, Thomas Greathouse, Rohini Giles, Davide Grassi, Shawn Brueshaber
067 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
069 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith
070 Paul Corlies, Alexander Hayes, Mate Adamkovics, Sebastien Rodriguez, Elizabeth Turtle, Jason Soderblom, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine
075 Bryan Holler, Richard Cartwright, Jason Hofgartner, Leslie Young, Silvia Protopapa
077 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
085 Guy Stringfellow, Rhiannon Harding, Amaranta Yanez
090 David Rubin
091 Jeff Bary, Facundo Perez, Kimberly Ward-Duonng, Kevin Covey, Michael Petersen, Kate Follette
092 Glenn Orton, Joseph Hora, James Sinclair, Arrate Antunano, Leigh Fletcher, Thomas Momary, Shawn Brueshaber, Emma Dahl, Henrik Melin, Rohini Giles, Thomas Greathouse
097 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Francisco Forster, Lluís Galbany, Peter Hoefflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
100 Rachel Smith, Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Nov. 1 Tu	02:35 05:55	G	X	100 Smith	iSHELL	ACB	
	05:55 06:05	G		---	facility close		
	10:00 16:00			---	inst. change		
Nov. 1 Tu	17:30 18:00	G,E		---	facility open		
	18:00 01:00	G,E	X	092 Orton	MIRSI	MSC	
Nov. 2 We	01:00 01:30	G		---	inst. change		
	01:30 03:55	G	X	085 Stringfellow	SpeX	MSC	
	03:55 05:20	G	X	017 Treu	SpeX	ACB	
	05:20 05:30	G		---	facility close		
	10:00 16:00			---	inst. change		
Nov. 2 We	17:30 18:00	E		---	facility open		
	18:00 01:00	E	X	092 Orton	MIRSI	MSC	
Nov. 3 Th	01:00 01:30	E		---	inst. change		
	01:30 05:20	E	X	085 Stringfellow	SpeX	MSC	
	05:20 05:30	E		---	facility close		
Nov. 3 Th	18:05 18:35	E		---	facility open		
	18:35 00:35	E	X	066 Orton	SpeX/MORIS	SJB	
Nov. 4 Fr	00:35 05:55	E	X	049 Rackham	SpeX	MSC	
	05:55 06:05	E		---	facility close		
	10:00 16:00			---	inst. change		
Nov. 4 Fr	18:05 18:35	E,R		---	facility open		
	18:35 23:50	E,R	X	015 Bjoraker	iSHELL	SJB	
	23:50 00:35	E	X	055 Kern	iSHELL	ACB	
Nov. 5 Sa	00:35 05:55	E	X	027 Indriolo	iSHELL	ACB	
	05:55 06:05	E		---	facility close		
Nov. 5 Sa	18:05 18:35	R		---	facility open		
	18:35 19:05	R		---	inst. change		
	19:05 00:35	R	X	066 Orton	SpeX/MORIS	SJB	
Nov. 6 Su	00:35 02:05	R	X	057 Abraham	SpeX	SJB	
	02:05 03:05	R	X	017 Treu	SpeX	ACB	
	03:05 05:55	R	X	056 Hinkle	SpeX/MORIS	ACB	
	05:55 06:05	R		---	facility close		
Nov. 6 Su	18:05 18:35	R		---	facility open		
	18:35 19:20	R	X	070 Corlies	SpeX	SJB	Service Obs.
	19:20 01:20	R	X	034 Lucey	SpeX	SJB	
Nov. 7 Mo	01:20 05:55	R	X	056 Hinkle	SpeX/MORIS	ACB	
	05:55 06:05	R		---	facility close		
Nov. 7 Mo	18:05 18:35	R,G		---	facility open		
	18:35 05:55	R,G	X	034 Lucey	SpeX	SJB	Lunar eclipse
Nov. 8 Tu	05:55 06:05	R		---	facility close		
Nov. 8 Tu	18:05 18:35	G		---	facility open		
	18:35 21:30	G	X	014 Young	SpeX	SJB	

	21:30	04:00	G	X	034	Lucey	SpeX	SJB	
Nov. 9 We	04:00	05:55	G	X	017	Treu	SpeX	ACB	
	05:55	06:05	G			---	facility close		
Nov. 9 We	18:05	18:35	G			---	facility open		
	18:35	19:30	G	X	070	Corlies	SpeX	SJB	Service Obs.
	19:30	03:30	G	X	063	Fry	SpeX	SJB	
Nov. 10 Th	03:30	05:55	G		999	Engineering	TBD	ACB	
	05:55	06:05	G			---	facility close		
Nov. 10 Th	18:05	18:35	G,E			---	facility open		
	18:35	03:35	G,E	X	046	Theissen	SpeX	MSC	
Nov. 11 Fr	03:35	05:55	G	X	017	Treu	SpeX	ACB	
	05:55	06:05	G			---	facility close		
	10:00	16:00				---	inst. change		
Nov. 11 Fr	18:05	18:35	E			---	facility open		
	18:35	21:05	E	X	060	Johns-Krull	iSHELL	ACB	
	21:05	05:55	E	X	062	Hsu	iSHELL	MSC	
Nov. 12 Sa	05:55	06:05	E			---	facility close		
Nov. 12 Sa	18:05	18:35	E			---	facility open		
	18:35	21:05	E	X	060	Johns-Krull	iSHELL	ACB	
	21:05	05:55	E	X	062	Hsu	iSHELL	MSC	
Nov. 13 Su	05:55	06:05	E			---	facility close		
Nov. 13 Su	18:05	18:35	E,M,M			---	facility open		
	18:35	21:05	E,M,M	X	060	Johns-Krull	iSHELL	ACB	
	21:05	05:55	E	X	062	Hsu	iSHELL	MSC	
Nov. 14 Mo	05:55	06:05	E			---	facility close		
	10:00	16:00				---	inst. change		
Nov. 14 Mo	18:05	18:35	M,M			---	facility open		
	18:35	22:55	M,M	X	046	Theissen	SpeX	MSC	
	22:55	23:25	M,M			---	inst. change		
	23:25	02:25	M,M	X	069	Lopez-Oquendo	MIRSI/MOC	MSC	
Nov. 15 Tu	02:25	02:55	M,M			---	inst. change		
	02:55	05:55	M,M	X	033	Howell	SpeX	MSC	
	05:55	06:05	M,M			---	facility close		
Nov. 15 Tu	18:05	18:35	M,M			---	facility open		
	18:35	21:00	M,M	X	097	Shahbandeh	SpeX/MORIS	MSC	
	21:00	03:00	M,M	X	001	Thomas	SpeX/MORIS	SJB	
Nov. 16 We	03:00	04:00	M,M	X	017	Treu	SpeX	ACB	
	04:00	05:55	M,M		999	Engineering	TBD	ACB	
	05:55	06:05	M,M			---	facility close		
Nov. 16 We	18:05	18:35	M,M,G			---	facility open		
	18:35	22:30	M,M,G	X	097	Shahbandeh	SpeX/MORIS	MSC	
	22:30	02:45	M,M	X	018	Humes	SpeX/MORIS	SJB	

Nov. 17 Th	02:45	05:55	M,M		999	Engineering	TBD	ACB
	05:55	06:05	M,M			---	facility close	
Nov. 17 Th	18:05	18:35	G			---	facility open	
	18:35	05:55	G	X	021	Thomas	SpeX/MORIS	SJB
Nov. 18 Fr	05:55	06:05	G			---	facility close	
Nov. 18 Fr	18:05	18:35	G			---	facility open	
	18:35	23:55	G		077	Tinyanont	SpeX/MORIS	ACB
	23:55	01:55	G	X	085	Stringfellow	SpeX	MSC
Nov. 19 Sa	01:55	02:55	G	X	017	Treu	SpeX	ACB
	02:55	05:55	G	X	033	Howell	SpeX	MSC
	05:55	06:05	G			---	facility close	
Nov. 19 Sa	18:05	18:35	G,E			---	facility open	
	18:35	23:20	G,E		983	Liu	SpeX	SJB 1st year grad students
	23:20	00:30	G	X	017	Treu	SpeX	ACB
Nov. 20 Su	00:30	02:30	G	X	085	Stringfellow	SpeX	MSC
	02:30	05:55	G		999	Engineering	TBD	ACB
	05:55	06:05	G			---	facility close	
Nov. 20 Su	18:05	18:35	E			---	facility open	
	18:35	21:00	E	X	014	Young	SpeX	SJB
	21:00	05:10	E	X	071	Sonnett	SpeX	SJB
Nov. 21 Mo	05:10	05:55	E	X	044	Willner	SpeX/MORIS	MSC
	05:55	06:05	E			---	facility close	
	10:00	16:00				---	inst. change	
Nov. 21 Mo	18:05	18:35	E			---	facility open	
	18:35	22:05	E	X	069	Lopez-Oquendo	MIRSI/MOC	MSC
	22:05	22:35	E			---	inst. change	
	22:35	05:55	E	X	071	Sonnett	SpeX	SJB
Nov. 22 Tu	05:55	06:05	E			---	facility close	
Nov. 22 Tu	18:05	18:35	E,R			---	facility open	
	18:35	19:35	E,R	X	066	Orton	SpeX/MORIS	SJB
	19:35	20:20	E,R	X	070	Corlies	SpeX	SJB Service Obs.
	20:20	04:20	E,R	X	057	Abraham	SpeX	SJB
Nov. 23 We	04:20	05:55	E	X	044	Willner	SpeX/MORIS	MSC
	05:55	06:05	E			---	facility close	
	10:00	16:00				---	inst. change	
Nov. 23 We	17:30	18:00	R			---	facility open	
	18:00	20:00	R		999	Engineering	TBD	TEXES
	20:00	00:05	R	X	024	Antunano	TEXES	ACB
Nov. 24 Th	00:05	00:35	R			---	inst. change	
	00:35	02:35	R		999	Engineering	TBD	ACB
	02:35	04:05	R	X	017	Treu	SpeX	ACB
	04:05	05:20	R	X	044	Willner	SpeX/MORIS	MSC

	05:20	05:30	R					---	facility close
	10:00	16:00						---	inst. change
Nov. 24 Th	17:30	18:00	R					---	facility open
	18:00	21:00	R	X	074	Sinclair	TEXES		ACB
	21:00	00:05	R	X	073	Spencer	TEXES		ACB
Nov. 25 Fr	00:05	00:35	R					---	inst. change
	00:35	05:20	R	X	077	Tinyanont	SpeX/MORIS		ACB
	05:20	05:30	R					---	facility close
	10:00	16:00						---	inst. change
Nov. 25 Fr	17:30	18:00	R,G					---	facility open
	18:00	21:00	R,G	X	074	Sinclair	TEXES		ACB
	21:00	00:05	R,G	X	073	Spencer	TEXES		ACB
Nov. 26 Sa	00:05	00:35	R					---	inst. change
	00:35	02:05	R	X	057	Abraham	SpeX		SJB
	02:05	03:35	R	X	017	Treu	SpeX		ACB
	03:35	04:50	R	X	044	Willner	SpeX/MORIS		MSC
	04:50	05:20	R					---	inst. change
	05:20	05:30	R					---	facility close
Nov. 26 Sa	17:30	18:00	G					---	facility open
	18:00	21:00	G	X	074	Sinclair	TEXES		ACB
	21:00	00:05	G	X	073	Spencer	TEXES		ACB
Nov. 27 Su	00:05	00:35	G					---	inst. change
	00:35	02:50	G	X	071	Sonnett	SpeX		SJB
	02:50	04:50	G	X	090	Rubin	SpeX/MORIS		MSC
	04:50	05:20	G					---	inst. change
	05:20	05:30	G					---	facility close
Nov. 27 Su	17:30	18:00	G					---	facility open
	18:00	21:00	G	X	074	Sinclair	TEXES		ACB
	21:00	00:05	G	X	073	Spencer	TEXES		ACB
Nov. 28 Mo	00:05	00:35	G					---	inst. change
	00:35	05:20	G	X	071	Sonnett	SpeX		SJB
	05:20	05:30	G					---	facility close
	10:00	16:00						---	inst. change
Nov. 28 Mo	17:30	18:00	G,E					---	facility open
	18:00	20:00	G,E	X	074	Sinclair	TEXES		ACB
	20:00	00:05	G,E	X	064	Fuchs	TEXES		ACB
Nov. 29 Tu	00:05	00:35	G					---	inst. change
	00:35	02:50	G	X	085	Stringfellow	SpeX		MSC
	02:50	05:20	G	X	090	Rubin	SpeX/MORIS		MSC
	05:20	05:30	G					---	facility close
	10:00	16:00						---	inst. change
Nov. 29 Tu	17:30	18:00	E					---	facility open

	18:00	00:05	E	X	024	Antunano	TEXES	ACB
Nov. 30 We	00:05	00:35	E			--- inst. change		
	00:35	01:35	E	X	017	Treu	SpeX	ACB
	01:35	03:35	E	X	085	Stringfellow	SpeX	MSC
	03:35	05:20	E		999	Engineering	TBD	ACB
	05:20	05:30	E			--- facility close		
	10:00	16:00				--- inst. change		
Nov. 30 We	17:30	18:00	E			--- facility open		
	18:00	00:05	E	X	074	Sinclair	TEXES	ACB

Observer List

November, 2022

- 001 Cristina Thomas, Andy Rivkin, David Trilling
- 014 Leslie Young, Will Grundy, Bryan Holler, Glenn Orton, Michael Roman, Eliot Young
- 015 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
- 017 Tommaso Treu, Vardha Bennert, Michael Brotherton, Hermine Landt, Jan-Min Wang, Matthew Malkan, Aaron Barth, Yan-Rong Li, Pu Du, Chen Hu, Nathalia De Souza, Jewel Capili, Jess Howell, Jacob McLane, Keith Horne, Lizvette Villafana
- 018 Oriol Humes, Cristina Thomas
- 021 Cristina Thomas, Schelte J. Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz
- 024 Arrate Antunano, Leigh N. Fletcher, Thomas Greathouse, Glenn S Orton, Rohini Giles, Henrik Melin, Pdraig T. Donnelly, James A. Sinclair, Michael T. Roman, Jake Harkett, Deborah Barde
- 027 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire, Arshia Jacob
- 033 Ellen Howell, Ronald Vervack, Yanga Fernandez, Kiana McFadden, Mary Hinkle, Sam Myers, Sean Marshall
- 034 Paul Lucey, Casey Honniball, Abigail Flom, Chiara Ferrari-Wong
- 044 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
- 046 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu
- 049 Benjamin Rackham, Adam Burgasser, Elisabeth Newton, Julien de Wit, Daniel Sebastian
- 055 Joshua Kern, Sean Brittain, Andrea Banzatti, Stanley Jensen, Janus Kozdon
- 056 Jason Hinkle, Benjamin Shappee, Anna Payne
- 057 Peter Abraham, Agnes Kospal, Hermine Landt-Wilman
- 060 Christopher Johns-Krull, Lisa Prato, Asa Stahl, Shih-Yun Tang, Andrea Isella, Jason Ling, Joe Llama
- 062 Chih-Chun Hsu, Adam Burgasser, Christopher Theissen, Chih-Chun Hsu, Adam Burgasser, Christopher Theissen
- 063 Patrick Fry, Lawrence Sromovsky
- 064 Guido W. Fuchs, Eileen Doering, David Gobrecht, Thomas K. Greathouse, Rohini S. Giles, Thomas F. Giesen, Leen Decin, John H. Lacy
- 066 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Gordon Bjoraker, Patrick Irwin, Thomas Greathouse, Rohini Giles, Davide Grassi, Shawn Brueshaber
- 069 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith
- 070 Paul Corlies, Alexander Hayes, Mate Adamkovics, Sebastien Rodriguez, Elizabeth Turtle, Jason Soderblom, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine
- 071 Sarah Sonnett, Driss Takir, Vishnu Reddy, Lucy Williamson, Zachary Smith
- 073 John Spencer
- 074 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Arrate Antunano, Leigh Fletcher, Patrick Irwin
- 077 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
- 085 Guy Stringfellow, Rhiannon Harding, Amaranta Yanez
- 090 David Rubin
- 092 Glenn Orton, Joseph Hora, James Sinclair, Arrate Antunano, Leigh Fletcher, Thomas Momary, Shawn Brueshaber, Emma Dahl, Henrik Melin, Rohini Giles, Thomas Greathouse
- 097 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Francisco Forster, Lluís Galbany, Peter Hoefflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
- 100 Rachel Smith, Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Dec. 1 Th	00:05 00:35	E		---	inst. change		
	00:35 04:20	E	X	023 Emery	SpeX/MORIS	SJB	
	04:20 05:20	E	X	044 Willner	SpeX/MORIS	MSC	
	05:20 05:30	E		---	facility close		
Dec. 1 Th	18:05 18:35	E,M,M		---	facility open		
	18:35 22:30	E,M,M	X	075 Holler	SpeX/MORIS	SJB	
	22:30 23:00	E,M,M		---	inst. change		
	23:00 02:30	E	X	094 Brittain	iSHELL	ACB	
Dec. 2 Fr	02:30 03:00	E		---	inst. change		
	03:00 04:00	E	X	059 Fischer	SpeX	SJB	
	04:00 05:55	E		999 Engineering	TBD	ACB	
	05:55 06:05	E		---	facility close		
	10:00 16:00			---	inst. change		
Dec. 2 Fr	18:15 18:45	M,M		---	facility open		
	18:45 19:15	M,M	X	098 Geneser	iSHELL	ACB	First Night
	19:15 19:45	M,M		---	inst. change		
	19:45 20:30	M,M	X	070 Corlies	SpeX	SJB	Service Obs.
	20:30 21:15	M,M	X	066 Orton	SpeX/MORIS	SJB	
	21:15 01:35	M,M	X	050 Beck	SpeX	ACB	
Dec. 3 Sa	01:35 02:35	M,M	X	017 Treu	SpeX	ACB	
	02:35 03:05	M,M		---	inst. change		
	03:05 06:05	M,M	X	069 Lopez-Oquendo	MIRSI/MOC	MSC	
	06:05 06:15	M,M		---	facility close		
Dec. 3 Sa	18:15 18:45	M,M		---	facility open		
	18:45 19:15	M,M		---	inst. change		
	19:15 19:45	M,M	X	098 Geneser	iSHELL	ACB	
	19:45 01:15	M,M		053 Thomas	iSHELL	SJB	
Dec. 4 Su	01:15 01:45	M,M		---	inst. change		
	01:45 04:15	M,M	X	090 Rubin	SpeX/MORIS	MSC	
	04:15 06:05	M,M	X	067 Protopapa	SpeX/MORIS	ACB	
	06:05 06:15	M,M		---	facility close		
Dec. 4 Su	18:15 18:45	M,M,G		---	facility open		
	18:45 19:15	M,M,G		---	inst. change		
	19:15 19:45	M,M,G	X	098 Geneser	iSHELL	ACB	
	19:45 01:15	M,M,G		053 Thomas	iSHELL	SJB	
Dec. 5 Mo	01:15 01:45	M,M,G		---	inst. change		
	01:45 02:45	M,M	X	059 Fischer	SpeX	SJB	
	02:45 06:05	M,M		999 Engineering	TBD	ACB	
	06:05 06:15	M,M		---	facility close		
	10:00 16:00			---	inst. change		
Dec. 5 Mo	18:15 18:45	G		---	facility open		
	18:45 19:15	G	X	098 Geneser	iSHELL	ACB	

	19:15	19:45	G				---	inst. change	
	19:45	05:05	G	X	023	Emery		SpeX/MORIS	SJB
Dec. 6 Tu	05:05	06:05	G	X	044	Willner		SpeX/MORIS	MSC
	06:05	06:15	G				---	facility close	
	10:00	16:00					---	inst. change	
Dec. 6 Tu	18:15	18:45	G				---	facility open	
	18:45	19:15	G	X	098	Geneser		iSHELL	ACB
	19:15	23:15	G	X	035	Connelley		iSHELL	MSC
	23:15	23:45	G				---	inst. change	
	23:45	04:15	G	X	023	Emery		SpeX/MORIS	SJB
Dec. 7 We	04:15	06:05	G	X	044	Willner		SpeX/MORIS	MSC
	06:05	06:15	G				---	facility close	
	10:00	16:00					---	inst. change	
Dec. 7 We	18:15	18:45	G,E				---	facility open	
	18:45	19:30	G,E	X	098	Geneser		iSHELL	ACB
	19:30	06:05	G,E	X	989	Gaidos		iSHELL	ACB
Dec. 8 Th	06:05	06:15	G				---	facility close	
Dec. 8 Th	18:15	18:45	E				---	facility open	
	18:45	19:15	E	X	098	Geneser		iSHELL	MSC
	19:15	19:45	E				---	inst. change	
	19:45	00:45	E	X	007	Cartwright		SpeX/MORIS	MSC
Dec. 9 Fr	00:45	06:05	E	X	097	Shahbandeh		SpeX/MORIS	MSC
	06:05	06:15	E				---	facility close	
	10:00	16:00					---	inst. change	
Dec. 9 Fr	18:15	18:45	E				---	facility open	
	18:45	19:15	E	X	098	Geneser		iSHELL	ACB
	19:15	19:45	E				---	inst. change	
	19:45	00:45	E	X	007	Cartwright		SpeX/MORIS	MSC
Dec. 10 Sa	00:45	01:45	E	X	017	Treu		SpeX	ACB
	01:45	03:45	E	X	090	Rubin		SpeX/MORIS	MSC
	03:45	06:05	E	X	056	Hinkle		SpeX/MORIS	ACB
	06:05	06:15	E				---	facility close	
	10:00	16:00					---	inst. change	
Dec. 10 Sa	18:15	18:45	E,R				---	facility open	
	18:45	19:15	E,R	X	098	Geneser		iSHELL	ACB
	19:15	19:45	E,R				---	inst. change	
	19:45	00:45	E,R	X	007	Cartwright		SpeX/MORIS	MSC
Dec. 11 Su	00:45	05:35	E	X	056	Hinkle		SpeX/MORIS	ACB
	05:35	06:05	E				---	inst. change	
	06:05	06:15	E				---	facility close	
Dec. 11 Su	18:15	18:45	R				---	facility open	
	18:45	19:15	R	X	098	Geneser		iSHELL	ACB

	19:15	19:45	R			---	inst. change		
	19:45	22:45	R		999	Engineering	TBD	ACB	
	22:45	01:45	R	X	984	Payne	SpeX/MORIS	ACB	
Dec. 12 Mo	01:45	02:45	R	X	059	Fischer	SpeX	SJB	
	02:45	06:05	R		999	Engineering	TBD	ACB	
	06:05	06:15	R			---	facility close		
	10:00	16:00				---	inst. change		
Dec. 12 Mo	18:15	18:45	R			---	facility open		
	18:45	19:15	R	X	098	Geneser	iSHELL	ACB	
	19:15	00:15	R	X	988	Boogert	iSHELL	ACB	
Dec. 13 Tu	00:15	00:45	R			---	inst. change		
	00:45	01:45	R	X	017	Treu	SpeX	ACB	
	01:45	04:15	R	X	090	Rubin	SpeX/MORIS	MSC	
	04:15	06:05	R	X	044	Willner	SpeX/MORIS	MSC	
	06:05	06:15	R			---	facility close		
	10:00	16:00				---	inst. change		
Dec. 13 Tu	18:15	18:45	R,G			---	facility open		
	18:45	19:15	R,G	X	098	Geneser	iSHELL	ACB	
	19:15	19:45	R,G			---	inst. change		
	19:45	00:45	R,G	X	007	Cartwright	SpeX/MORIS	MSC	
Dec. 14 We	00:45	03:45	R	X	990	Hodapp	SpeX	MSC	
	03:45	06:05	R		999	Engineering	TBD	ACB	
	06:05	06:15	R			---	facility close		
Dec. 14 We	15:30	16:00	M,M			---	facility open		
	16:00	18:45	M,M	X	066	Orton	SpeX/MORIS	SJB	Daylight Obs
	18:45	22:00	G	X	066	Orton	SpeX/MORIS	SJB	
	22:00	03:00	G	X	004	Luhman	SpeX	ACB	
Dec. 15 Th	03:00	03:30	G			---	inst. change		
	03:30	06:05	G	X	054	Devogele	MIRSI/MOC	MSC	First Night
	06:05	06:15	G			---	facility close		
	10:00	16:00				---	inst. change		
Dec. 15 Th	15:30	16:00	R			---	facility open		
	16:00	18:45	R	X	066	Orton	SpeX/MORIS	SJB	Daylight Obs
	18:45	22:00	G	X	066	Orton	SpeX/MORIS	SJB	
	22:00	23:00	G	X	017	Treu	SpeX	MSC	
	23:00	01:00	G	X	085	Stringfellow	SpeX	MSC	
Dec. 16 Fr	01:00	06:05	G	X	046	Theissen	SpeX	MSC	
	06:05	06:15	G			---	facility close		
	10:00	16:00				---	inst. change		
Dec. 16 Fr	18:15	18:45	G			---	facility open		
	18:45	00:15	G	X	015	Bjoraker	iSHELL	SJB	
Dec. 17 Sa	00:15	01:00	G	X	055	Kern	iSHELL	ACB	

	01:00	01:30	G				---	inst. change		
	01:30	02:30	G	X	059	Fischer	SpeX		SJB	
	02:30	04:05	G		999	Engineering	TBD		ACB	
	04:05	06:05	G	X	981	Laychak	SpeX/MORIS		ACB	Maunakea Scholars
	06:05	06:15	G				---	facility close		
Dec. 17 Sa	14:00	14:30	R				---	facility open		
	14:30	15:00	R				---	inst. change		
	15:00	18:45	R	X	092	Orton	MIRSI		MSC	Daylight Obs
	18:45	22:00	G	X	092	Orton	MIRSI		MSC	
	22:00	22:30	G				---	inst. change		
	22:30	23:30	G	X	017	Treu	SpeX		ACB	
	23:30	01:30	G	X	085	Stringfellow	SpeX		MSC	
Dec. 18 Su	01:30	04:30	G	X	090	Rubin	SpeX/MORIS		MSC	
	04:30	06:05	G	X	044	Willner	SpeX/MORIS		MSC	
	06:05	06:15	G				---	facility close		
Dec. 18 Su	14:00	14:30	M,M				---	facility open		
	14:30	15:00	M,M				---	inst. change		
	15:00	18:45	M,M	X	092	Orton	MIRSI		MSC	Daylight Obs
	18:45	22:00	E	X	092	Orton	MIRSI		MSC	
	22:00	22:30	E				---	inst. change		
	22:30	23:30	E	X	017	Treu	SpeX		ACB	
	23:30	06:05	E	X	077	Tinyanont	SpeX/MORIS		ACB	
Dec. 19 Mo	06:05	06:15	E				---	facility close		
	10:00	16:00					---	inst. change		
Dec. 19 Mo	18:15	18:45	E,M,M				---	facility open		
	18:45	00:15	E,M,M	X	035	Connelley	iSHELL		MSC	
Dec. 20 Tu	00:15	02:35	E	X	051	Brady	iSHELL		MSC	
	02:35	03:05	E				---	inst. change		
	03:05	06:05	E	X	033	Howell	SpeX		MSC	
	06:05	06:15	E				---	facility close		
	10:00	16:00					---	inst. change		
Dec. 20 Tu	18:15	18:45	M,M				---	facility open		
	18:45	22:45	M,M	X	035	Connelley	iSHELL		MSC	
	22:45	02:45	M,M	X	100	Smith	iSHELL		ACB	
Dec. 21 We	02:45	03:15	M,M				---	inst. change		
	03:15	06:05	M,M	X	054	Devogele	MIRSI/MOC		MSC	
	06:05	06:15	M,M				---	facility close		
	10:00	16:00					---	inst. change		
Dec. 21 We	18:15	18:45	M,M				---	facility open		
	18:45	00:45	M,M	X	035	Connelley	iSHELL		MSC	
Dec. 22 Th	00:45	01:15	M,M				---	inst. change		
	01:15	02:15	M,M	X	059	Fischer	SpeX		SJB	

	02:15	06:05	M,M		999	Engineering	TBD	ACB
	06:05	06:15	M,M			---	facility close	
	10:00	16:00				---	inst. change	
Dec. 22 Th	18:15	18:45	M,M,G			---	facility open	
	18:45	22:45	M,M,G	X	035	Connelley	iSHELL	MSC
	22:45	02:35	M,M,G	X	100	Smith	iSHELL	ACB
Dec. 23 Fr	02:35	03:05	M,M			---	inst. change	
	03:05	06:05	M,M	X	069	Lopez-Oquendo	MIRSI/MOC	MSC
	06:05	06:15	M,M			---	facility close	
	10:00	16:00				---	inst. change	
Dec. 23 Fr	18:15	18:45	G			---	facility open	
	18:45	06:05	G	X	068	Zhang	SpeX	SJB
Dec. 24 Sa	06:05	06:15	G			---	facility close	
Dec. 24 Sa	-----	-----					Christmas Eve	
Dec. 25 Su	-----	-----					Christmas	
Dec. 26 Mo	18:15	18:45	E			---	facility open	
	18:45	06:05	E	X	006	Emery	SpeX/MORIS	SJB
Dec. 27 Tu	06:05	06:15	E			---	facility close	
Dec. 27 Tu	18:15	18:45	E			---	facility open	
	18:45	21:00	E		999	Engineering	TBD	ACB
	21:00	22:00	E	X	059	Fischer	SpeX	SJB
	22:00	00:05	E	X	085	Stringfellow	SpeX	ACB
Dec. 28 We	00:05	05:20	E	X	986	Kaluna	SpeX/MORIS	SJB
	05:20	06:05	E	X	044	Willner	SpeX/MORIS	ACB
	06:05	06:15	E			---	facility close	
Dec. 28 We	18:15	18:45	E,R			---	facility open	
	18:45	22:00	E,R		999	Engineering	TBD	ACB
	22:00	23:00	E,R	X	017	Treu	SpeX	ACB
	23:00	01:00	E	X	085	Stringfellow	SpeX	ACB
Dec. 29 Th	01:00	06:05	E	X	049	Rackham	SpeX	ACB
	06:05	06:15	E			---	facility close	
Dec. 29 Th	18:15	18:45	R			---	facility open	
	18:45	19:45	R	X	066	Orton	SpeX/MORIS	SJB
	19:45	01:45	R	X	982	Keane	SpeX	ACB
Dec. 30 Fr	01:45	06:05	R	X	986	Kaluna	SpeX/MORIS	SJB
	06:05	06:15	R			---	facility close	
Dec. 30 Fr	18:15	18:45	R			---	facility open	
	18:45	19:30	R	X	066	Orton	SpeX/MORIS	SJB
	19:30	00:05	R	X	050	Beck	SpeX	ACB
Dec. 31 Sa	00:05	01:05	R	X	017	Treu	SpeX	ACB
	01:05	06:05	R	X	986	Kaluna	SpeX/MORIS	SJB
	06:05	06:15	R			---	facility close	

Dec. 31 Sa -----

New Year's Eve

Observer List**December, 2022**

- 004 Kevin Luhman
- 006 Joshua Emery, Devon Burr, Lucas McClure, Julia de Leon, Cristina Thomas, Andy Rivkin, Kevin Walsh
- 007 Richard Cartwright, Tom Nordheim, Will Grundy, Bryan Holler, Michael Lucas, Chloe Beddingfield
- 015 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
- 017 Tommaso Treu, Vardha Bennert, Michael Brotherton, Hermine Landt, Jan-Min Wang, Matthew Malkan, Aaron Barth, Yan-Rong Li, Pu Du, Chen Hu, Nathalia De Souza, Jewel Capili, Jess Howell, Jacob McLane, Keith Horne, Lizvette Villafana
- 023 Joshua Emery, Ian Wong, Raphael Marschall, Stefano Mottola, Jessica Sunshine, Rick Binzel, Simone Marchis, Keith Noll
- 033 Ellen Howell, Ronald Vervack, Yanga Fernandez, Kiana McFadden, Mary Hinkle, Sam Myers, Sean Marshall
- 035 Michael Connelley, Christian Flores
- 044 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
- 046 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu
- 049 Benjamin Rackham, Adam Burgasser, Elisabeth Newton, Julien de Wit, Daniel Sebastian
- 050 Tracy Beck, Gail Schaefer, William Fischer, James Muzerolle
- 051 Kristin Brady, Catherine Pilachowski
- 053 Emma Thomas, Luke Moore, Tom Stallard, Henrik Melin, Rosie Johnson, James O'Donoghue, Nahid Chowdhury, Ruoyan Wang
- 054 Maxime Devogele, Joseph Masiero, Andy Lopez-Orquendo, Nicholas Moskovitz
- 055 Joshua Kern, Sean Brittain, Andrea Banzatti, Stanley Jensen, Janus Kozdon
- 056 Jason Hinkle, Benjamin Shappee, Anna Payne
- 059 Will Fischer, Tracy Beck, James Muzerolle
- 066 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Gordon Bjoraker, Patrick Irwin, Thomas Greathouse, Rohini Giles, Davide Grassi, Shawn Brueshaber
- 067 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
- 068 Zhoujian Zhang, Brendan Bowler, Keith Hawkins, Paul Molliere, Caroline Morley
- 069 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith
- 070 Paul Corlies, Alexander Hayes, Mate Adamkovics, Sebastien Rodriguez, Elizabeth Turtle, Jason Soderblom, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine
- 075 Bryan Holler, Richard Cartwright, Jason Hofgartner, Leslie Young, Silvia Protopapa
- 077 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
- 085 Guy Stringfellow, Rhiannon Harding, Amaranta Yanez
- 090 David Rubin
- 092 Glenn Orton, Joseph Hora, James Sinclair, Arrate Antunano, Leigh Fletcher, Thomas Momary, Shawn Brueshaber, Emma Dahl, Henrik Melin, Rohini Giles, Thomas Greathouse
- 094 Sean Brittain, John Carr, Casey Lisse, Joan Najita
- 097 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
- 098 Claire Geneser, Angelle Tanner, Peter Plavchan, Bryson Cale, Farzaneh Zohrabi, Mohammed El Mufti, Justin Wittrock, David Vermilion, Eric Gaidos, Sam Quinn, Patrick Newman, Ahmad Sohani
- 100 Rachel Smith, Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jan. 1 Su	18:30 19:00	G		---	facility open		
	19:00 00:05	G	X	007 Cartwright	SpeX/MORIS	MSC	
Jan. 2 Mo	00:05 03:05	G	X	990 Hodapp	SpeX	MSC	
	03:05 06:20	G	X	033 Howell	SpeX	SJB	
	06:20 06:50	M,M		---	inst. change		
	06:50 11:00	M,M	X	086 Saki	iSHELL	ACB	Daylight Obs
	11:00 11:30	M,M		---	inst. change		
	11:30 11:40	M,M		---	facility close		
Jan. 2 Mo	18:30 19:00	G		---	facility open		
	19:00 22:00	G	X	069 Lopez-Oquendo	MIRSI/MOC	SJB	
	22:00 22:30	G		---	inst. change		
	22:30 06:20	G	X	097 Shahbandeh	SpeX/MORIS	SJB	
Jan. 3 Tu	06:20 06:50	M,M		---	inst. change		
	06:50 11:00	M,M	X	086 Saki	iSHELL	ACB	Daylight Obs
	11:00 11:30	M,M		---	inst. change		
	11:30 11:40	M,M		---	facility close		
Jan. 3 Tu	18:30 19:00	G,E		---	facility open		
	19:00 06:20	G,E	X	023 Emery	SpeX/MORIS	SJB	
Jan. 4 We	06:20 06:30	G		---	facility close		
Jan. 4 We	18:30 19:00	E		---	facility open		
	19:00 05:00	E	X	023 Emery	SpeX/MORIS	SJB	
Jan. 5 Th	05:00 06:20	E	X	044 Willner	SpeX/MORIS	MSC	
	06:20 06:30	E		---	facility close		
Jan. 5 Th	18:30 19:00	E		---	facility open		
	19:00 03:30	E	X	077 Tinyanont	SpeX/MORIS	ACB	
Jan. 6 Fr	03:30 06:20	E	X	021 Thomas	SpeX/MORIS	SJB	
	06:20 06:30	E		---	facility close		
	10:00 16:00			---	inst. change		
Jan. 6 Fr	18:30 19:00	E,M,M		---	facility open		
	19:00 00:05	E,M,M	X	078 Williams	iSHELL	ACB	First Night
Jan. 7 Sa	00:05 00:35	E		---	inst. change		
	00:35 03:20	E		999 Engineering	TBD	ACB	
	03:20 05:50	E	X	021 Thomas	SpeX/MORIS	SJB	
	05:50 06:20	E		---	inst. change		
	06:20 06:30	E		---	facility close		
Jan. 7 Sa	18:30 19:00	M,M		---	facility open		
	19:00 01:00	M,M	X	078 Williams	iSHELL	ACB	
Jan. 8 Su	01:00 01:30	M,M		---	inst. change		
	01:30 03:05	M,M	X	067 Protopapa	SpeX/MORIS	ACB	
	03:05 06:20	M,M	X	033 Howell	SpeX	MSC	
	06:20 06:30	M,M		---	facility close		
Jan. 8 Su	18:30 19:00	M,M		---	facility open		

	19:00	19:30	M,M					--- inst. change	
	19:30	21:00	M,M	X	055	Kern	iSHELL	ACB	
	21:00	01:35	M,M		004	Luhman	iSHELL	ACB	
Jan. 9 Mo	01:35	06:20	M,M		999	Engineering	TBD	ACB	
	06:20	06:30	M,M					--- facility close	
Jan. 9 Mo	18:30	19:00	M,M,G					--- facility open	
	19:00	20:30	M,M,G	X	055	Kern	iSHELL	ACB	
	20:30	01:35	M,M,G		004	Luhman	iSHELL	ACB	
Jan. 10 Tu	01:35	06:20	M,M		999	Engineering	TBD	ACB	
	06:20	06:30	M,M					--- facility close	
Jan. 10 Tu	18:30	19:00	G					--- facility open	
	19:00	20:30	G	X	055	Kern	iSHELL	ACB	
	20:30	01:35	G		004	Luhman	iSHELL	ACB	
Jan. 11 We	01:35	06:20	G		999	Engineering	TBD	ACB	
	06:20	06:30	G					--- facility close	
	10:00	16:00						--- inst. change	
Jan. 11 We	18:30	19:00	G					--- facility open	
	19:00	21:00	G		999	Engineering	TBD	ACB	
	21:00	23:00	G	X	085	Stringfellow	SpeX	MSC	
	23:00	03:30	G	X	018	Humes	SpeX/MORIS	SJB	
Jan. 12 Th	03:30	06:20	G		999	Engineering	TBD	ACB	
	06:20	06:30	G					--- facility close	
	10:00	16:00						--- inst. change	
Jan. 12 Th	18:30	19:00	G,E					--- facility open	
	19:00	21:30	G,E	X	078	Williams	iSHELL	ACB	
	21:30	22:00	G,E					--- inst. change	
	22:00	00:05	G,E	X	085	Stringfellow	SpeX	MSC	
Jan. 13 Fr	00:05	06:20	G	X	986	Kaluna	SpeX/MORIS	SJB	
	06:20	06:50	R					--- inst. change	
	06:50	11:00	R	X	086	Saki	iSHELL	ACB	Daylight Obs
	11:00	11:10	R					--- facility close	
Jan. 13 Fr	18:30	19:00	E					--- facility open	
	19:00	19:45	E	X	098	Geneser	iSHELL	ACB	
	19:45	00:45	E		004	Luhman	iSHELL	ACB	
Jan. 14 Sa	00:45	05:50	E		999	Engineering	TBD	ACB	
	05:50	06:20	E					--- inst. change	
	06:20	06:30	E					--- facility close	
Jan. 14 Sa	18:30	19:00	E					--- facility open	
	19:00	06:20	E	X	021	Thomas	SpeX/MORIS	SJB	
Jan. 15 Su	06:20	06:50	R					--- inst. change	
	06:50	11:35	R	X	086	Saki	iSHELL	ACB	Daylight Obs
	11:35	12:05	R					--- inst. change	

	12:05	15:30	R	X	996	Ye	MIRSI	MSC	Daylight Obs
	15:30	16:00	R			---	inst. change		
	16:00	16:10	R			---	facility close		
Jan. 15 Su	18:30	19:00	E			---	facility open		
	19:00	19:30	E	X	098	Geneser	iSHELL	ACB	
	19:30	23:50	E	X	078	Williams	iSHELL	ACB	
	23:50	03:50	E		999	Engineering	TBD	ACB	
Jan. 16 Mo	03:50	04:20	E			---	inst. change		
	04:20	06:20	E	X	054	Devogele	MIRSI/MOC	MSC	
	06:20	06:30	E			---	facility close		
	10:00	16:00				---	inst. change		
Jan. 16 Mo	18:30	19:00	R			---	facility open		
	19:00	19:30	R	X	098	Geneser	iSHELL	ACB	
	19:30	23:50	R	X	078	Williams	iSHELL	ACB	
	23:50	06:20	R		999	Engineering	TBD	ACB	
Jan. 17 Tu	06:20	06:30	R			---	facility close		
Jan. 17 Tu	18:30	19:00	R			---	facility open		
	19:00	19:30	R	X	098	Geneser	iSHELL	ACB	
	19:30	23:50	R	X	078	Williams	iSHELL	ACB	
	23:50	00:20	R			---	inst. change		
Jan. 18 We	00:20	03:50	R	X	071	Sonnett	SpeX	SJB	
	03:50	06:20	R		999	Engineering	TBD	ACB	
	06:20	06:30	R			---	facility close		
	10:00	16:00				---	inst. change		
Jan. 18 We	11:30	12:00	M,M			---	facility open		
	12:00	19:00	M,M	X	092	Orton	MIRSI	MSC	Daylight Obs
	19:00	19:30	R,G			---	inst. change		
	19:30	02:30	R,G	X	071	Sonnett	SpeX	SJB	
Jan. 19 Th	02:30	03:15	R	X	044	Willner	SpeX/MORIS	MSC	
	03:15	06:20	R		999	Engineering	TBD	ACB	
	06:20	06:30	R			---	facility close		
	10:00	16:00				---	inst. change		
Jan. 19 Th	18:30	19:00	G			---	facility open		
	19:00	19:30	G	X	098	Geneser	iSHELL	ACB	
	19:30	00:10	G	X	040	Banzatti	iSHELL	ACB	
Jan. 20 Fr	00:10	06:50	G	X	991	Keane	iSHELL	ACB	
	06:50	11:00	R	X	086	Saki	iSHELL	ACB	Daylight Obs
	11:00	11:10	R			---	facility close		
Jan. 20 Fr	18:30	19:00	G			---	facility open		
	19:00	19:30	G	X	098	Geneser	iSHELL	ACB	
	19:30	00:10	G	X	040	Banzatti	iSHELL	ACB	
Jan. 21 Sa	00:10	00:40	G			---	inst. change		

	00:40	06:20	G	X	097	Shahbandeh	SpeX/MORIS	MSC	
	06:20	06:30	G			---	facility close		
Jan. 21 Sa	12:30	13:00	R			---	facility open		
	13:00	19:00	R	X	066	Orton	SpeX/MORIS	SJB	Daylight Obs
	19:00	20:30	G,E	X	067	Protopapa	SpeX/MORIS	ACB	
	20:30	22:15	G,E	X	057	Abraham	SpeX	SJB	
	22:15	02:15	G,E	X	001	Thomas	SpeX/MORIS	SJB	
Jan. 22 Su	02:15	02:45	G			---	inst. change		
	02:45	05:50	G	X	069	Lopez-Oquendo	MIRSI/MOC	MSC	
	05:50	06:20	M,M			---	inst. change		
	06:20	10:30	M,M	X	086	Saki	iSHELL	ACB	Daylight Obs
	10:30	10:40	M,M			---	facility close		
Jan. 22 Su	18:30	19:00	E			---	facility open		
	19:00	19:30	E	X	098	Geneser	iSHELL	ACB	
	19:30	00:10	E	X	040	Banzatti	iSHELL	ACB	
Jan. 23 Mo	00:10	00:40	E			---	inst. change		
	00:40	03:40	E	X	001	Thomas	SpeX/MORIS	SJB	
	03:40	06:20	E		999	Engineering	TBD	ACB	
	06:20	06:30	E			---	facility close		
Jan. 23 Mo	12:30	13:00	M,M			---	facility open		
	13:00	18:30	M,M	X	066	Orton	SpeX/MORIS	SJB	Daylight Obs
	18:30	19:00	M,M			---	inst. change		
	19:00	19:30	E	X	098	Geneser	iSHELL	ACB	
	19:30	00:10	E	X	040	Banzatti	iSHELL	ACB	
Jan. 24 Tu	00:10	06:20	E	X	991	Keane	iSHELL	ACB	
	06:20	06:30	E			---	facility close		
	10:00	16:00				---	inst. change		
Jan. 24 Tu	11:30	12:00	M,M			---	facility open		
	12:00	19:00	M,M	X	092	Orton	MIRSI	MSC	Daylight Obs
	19:00	19:30	E,M,M			---	inst. change		
	19:30	20:00	E,M,M	X	098	Geneser	iSHELL	ACB	
	20:00	00:05	E,M,M	X	040	Banzatti	iSHELL	ACB	
Jan. 25 We	00:05	06:20	E		999	Engineering	TBD	ACB	
	06:20	06:30	E			---	facility close		
Jan. 25 We	18:30	19:00	M,M			---	facility open		
	19:00	19:30	M,M	X	098	Geneser	iSHELL	ACB	
	19:30	20:00	M,M			---	inst. change		
	20:00	22:30	M,M	X	085	Stringfellow	SpeX	MSC	
	22:30	04:50	M,M	X	049	Rackham	SpeX	MSC	
Jan. 26 Th	04:50	06:20	M,M	X	044	Willner	SpeX/MORIS	MSC	
	06:20	06:30	M,M			---	facility close		
	10:00	16:00				---	inst. change		

Jan. 26 Th	18:30	19:00	M,M			---	facility open		
	19:00	19:30	M,M	X	098	Geneser	iSHELL		ACB
	19:30	21:30	M,M	X	078	Williams	iSHELL		ACB
	21:30	22:00	M,M			---	inst. change		
	22:00	00:05	M,M	X	085	Stringfellow	SpeX		MSC
Jan. 27 Fr	00:05	06:20	M,M	X	077	Tinyanont	SpeX/MORIS		ACB
	06:20	06:30	M,M			---	facility close		
	10:00	16:00				---	inst. change		
Jan. 27 Fr	18:30	19:00	M,M,G			---	facility open		
	19:00	19:30	M,M,G	X	098	Geneser	iSHELL		ACB
	19:30	00:10	M,M,G	X	040	Banzatti	iSHELL		ACB
Jan. 28 Sa	00:10	06:20	M,M		999	Engineering	TBD		ACB
	06:20	06:30	M,M			---	facility close		
Jan. 28 Sa	18:30	19:00	G			---	facility open		
	19:00	19:30	G	X	098	Geneser	iSHELL		ACB
	19:30	00:10	G	X	040	Banzatti	iSHELL		ACB
Jan. 29 Su	00:10	00:40	G			---	inst. change		
	00:40	06:20	G	X	056	Hinkle	SpeX/MORIS		ACB
	06:20	06:30	G			---	facility close		
Jan. 29 Su	18:30	19:00	G			---	facility open		
	19:00	00:05	G	X	011	Birlan	SpeX		SJB
Jan. 30 Mo	00:05	06:20	G	X	046	Theissen	SpeX		MSC
	06:20	06:30	G			---	facility close		
Jan. 30 Mo	18:30	19:00	G,E			---	facility open		
	19:00	00:05	G,E	X	011	Birlan	SpeX		SJB
Jan. 31 Tu	00:05	06:20	G	X	067	Protopapa	SpeX/MORIS		ACB
	06:20	06:30	G			---	facility close		
Jan. 31 Tu	18:30	19:00	E			---	facility open		
	19:00	23:00	E	X	050	Beck	SpeX		ACB
	23:00	02:50	E	X	046	Theissen	SpeX		MSC

Observer List**January, 2023**

- 001 Cristina Thomas, Andy Rivkin, David Trilling
004 Kevin Luhman
007 Richard Cartwright, Tom Nordheim, Will Grundy, Bryan Holler, Michael Lucas, Chloe Beddingfield
011 Mirel Birlan, Michael Marsset, Pierre Vernazza, Benoit Carry, Maxime Devogele, Francesca DeMeo, Josef Hanus, Bin Yang
018 Oriel Humes, Cristina Thomas
021 Cristina Thomas, Schelte J. Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz
023 Joshua Emery, Ian Wong, Raphael Marschall, Stefano Mottola, Jessica Sunshine, Rick Binzel, Simone Marchis, Keith Noll
033 Ellen Howell, Ronald Vervack, Yanga Fernandez, Kiana McFadden, Mary Hinkle, Sam Myers, Sean Marshall
040 Andrea Banzatti, Kirsten Abernathy, Sean Brittain, Josh Kern, Adwin Boogert, Stanley Jensen, Janus Kozdon, John Rayner
044 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
046 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu
049 Benjamin Rackham, Adam Burgasser, Elisabeth Newton, Julien de Wit, Daniel Sebastian
050 Tracy Beck, Gail Schaefer, William Fischer, James Muzerolle
054 Maxime Devogele, Joseph Masiero, Andy Lopez-Orquendo, Nicholas Moskovitz
055 Joshua Kern, Sean Brittain, Andrea Banzatti, Stanley Jensen, Janus Kozdon
056 Jason Hinkle, Benjamin Shappee, Anna Payne
057 Peter Abraham, Agnes Kospal, Hermine Landt-Wilman
066 Glenn Orton, Thomas Momary, Emma Dahl, Kevin Baines, Xi Zhang, Arrate Antunano, Leigh Fletcher, Michael H. Wong, Gordon Bjoraker, Patrick Irwin, Thomas Greathouse, Rohini Giles, Davide Grassi, Shawn Brueshaber
067 Silvia Protopapa, Michael S.P. Kelley, Bin Yang
069 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith
071 Sarah Sonnett, Driss Takir, Vishnu Reddy, Lucy Williamson, Zachary Smith
077 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
078 Jonathan Williams, Adwin Boogert, Matt Richter
085 Guy Stringfellow, Rhiannon Harding, Amaranta Yanez
086 Mohammad Saki, Erika Gibb, Ron Vervack, Michael DiSanti, Younas Khan, Boncho Bonev, Neil Dello Russo, Nathan Roth, Adam McKay, Chemed Ejeta, Hideyo Kawakita
092 Glenn Orton, Joseph Hora, James Sinclair, Arrate Antunano, Leigh Fletcher, Thomas Momary, Shawn Brueshaber, Emma Dahl, Henrik Melin, Rohini Giles, Thomas Greathouse
097 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
098 Claire Geneser, Angelle Tanner, Peter Plavchan, Bryson Cale, Farzaneh Zohrabi, Mohammed El Mufti, Justin Wittrock, David Vermilion, Eric Gaidos, Sam Quinn, Patrick Newman, Ahmad Sohani

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Feb. 1 We	02:50 06:20	E	X	067 Protopapa	SpeX/MORIS	ACB	
	06:20 06:30	E		--- facility close			

Observer List

067 Silvia Protopapa, Michael S.P. Kelley, Bin Yang

February, 2023

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