

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Aug. 1 We	18:25 18:55			--- facility open			
	18:55 19:40		X	058 Corlies	SpeX		Service Obs.
	19:40 21:10		X	083 Connelley	SpeX		
	21:10 23:30		X	102 Howell	SpeX		
	23:30 03:30		X	045 Sickafoose	SpeX/MORIS		Occultation
Aug. 2 Th	03:30 06:15		X	102 Howell	SpeX		
	06:15 10:50		X	067 Vervack	SpeX		Daylight Obs
	10:50 11:20			--- inst. change			
	11:20 11:30			--- facility close			
Aug. 2 Th	18:25 18:55			--- facility open			
	18:55 06:15			104 Cauley	iSHELL		First Night
Aug. 3 Fr	06:15 10:15		X	060 Gibb	iSHELL		Daylight Obs
	10:15 10:25			--- facility close			
Aug. 3 Fr	18:25 18:55			--- facility open			
	18:55 21:25		X	110 Cale	iSHELL		
	21:25 01:25		X	084 Megeath	iSHELL		
Aug. 4 Sa	01:25 06:15		X	017 Cartwright	iSHELL		First Night
	06:15 10:15		X	060 Gibb	iSHELL		Daylight Obs
	10:15 10:25			--- facility close			
Aug. 4 Sa	14:55 15:25			--- facility open			
	15:25 18:55			113 Sagawa	iSHELL		Daylight Obs, First Night
	18:55 21:25		X	110 Cale	iSHELL		
	21:25 01:25		X	084 Megeath	iSHELL		
Aug. 5 Su	01:25 06:15		X	017 Cartwright	iSHELL		
	06:15 06:25			--- facility close			
Aug. 5 Su	14:55 15:25			--- facility open			
	15:25 18:55			113 Sagawa	iSHELL		Daylight Obs
	18:55 21:25		X	110 Cale	iSHELL		
	21:25 02:25		X	062 Miles Paez	iSHELL		
Aug. 6 Mo	02:25 03:40		X	098 Teske	iSHELL		First Night
	03:40 06:15			999 Engineering	TBD		
	06:15 06:25			--- facility close			
Aug. 6 Mo	14:55 15:25			--- facility open			
	15:25 18:55			113 Sagawa	iSHELL		Daylight Obs
	18:55 21:25		X	110 Cale	iSHELL		
	21:25 02:55		X	085 Flores	iSHELL		
Aug. 7 Tu	02:55 06:15		X	082 Gaidos	iSHELL		
	06:15 06:25			--- facility close			
Aug. 7 Tu	18:25 18:55			--- facility open			
	18:55 21:25		X	110 Cale	iSHELL		
	21:25 22:55			999 Engineering	TBD		
	22:55 09:50		X	064 Faggi	iSHELL		Daylight Obs

Aug. 8 We	09:50	10:00					---	facility close	
Aug. 8 We	18:25	18:55					---	facility open	
	18:55	21:25	X	110	Cale	iSHELL			
	21:25	00:25	X	083	Connelley	iSHELL			
Aug. 9 Th	00:25	09:50	X	064	Faggi	iSHELL			Daylight Obs
	09:50	10:00					---	facility close	
Aug. 9 Th	18:25	18:55					---	facility open	
	18:55	21:25	X	110	Cale	iSHELL			
	21:25	03:25	X	051	Maas	iSHELL			First Night
Aug. 10 Fr	03:25	04:40	X	098	Teske	iSHELL			
	04:40	06:15		999	Engineering	TBD			
	06:15	06:25					---	facility close	
	10:00	16:00					---	inst. change	
Aug. 10 Fr	18:25	18:55					---	facility open	
	18:55	19:40	X	058	Corlies	SpeX			Service Obs.
	19:40	22:40	X	100	Holler	SpeX			
	22:40	06:15	X	004	Hardersen	SpeX/MORIS			
Aug. 11 Sa	06:15	06:25					---	facility close	
Aug. 11 Sa	18:25	18:55					---	facility open	
	18:55	20:10	X	116	Rich	SpeX/MORIS			
	20:10	23:10	X	100	Holler	SpeX			
	23:10	06:15	X	016	Arredondo	SpeX/MORIS			
Aug. 12 Su	06:15	06:25					---	facility close	
Aug. 12 Su	18:25	18:55					---	facility open	
	18:55	19:40	X	058	Corlies	SpeX			Service Obs.
	19:40	22:40	X	100	Holler	SpeX			
	22:40	01:40	X	133	Fohring	SpeX/MORIS			First Night
Aug. 13 Mo	01:40	06:15	X	026	DeMeo	SpeX/MORIS			
	06:15	06:25					---	facility close	
Aug. 13 Mo	18:25	18:55					---	facility open	
	18:55	22:40	X	100	Holler	SpeX			
	22:40	00:40	X	128	Liu	SpeX			
Aug. 14 Tu	00:40	06:15	X	087	Shahbandeh	SpeX/MORIS			
	06:15	06:25					---	facility close	
Aug. 14 Tu	18:00	18:30					---	facility open	
	18:30	21:50	X	045	Sickafoose	SpeX/MORIS			Occultation
	21:50	05:50	X	026	DeMeo	SpeX/MORIS			
Aug. 15 We	05:50	06:00					---	facility close	
Aug. 15 We	18:25	18:55					---	facility open	
	18:55	19:40	X	058	Corlies	SpeX			Service Obs.
	19:40	22:40	X	073	Polishook	SpeX/MORIS			
	22:40	00:40	X	119	Thomas	SpeX/MORIS			

Aug. 16 Th	00:40	02:40	X	108	Young	SpeX	
	02:40	06:15	X	016	Arredondo	SpeX/MORIS	
	06:15	06:25			---	facility close	
Aug. 16 Th	18:25	18:55			---	facility open	
	18:55	23:00	X	033	Polishook	SpeX/MORIS	
	23:00	06:15	X	088	Willman	SpeX/MORIS	
Aug. 17 Fr	06:15	06:25			---	facility close	
Aug. 17 Fr	18:25	18:55			---	facility open	
	18:55	19:40	X	058	Corlies	SpeX	Service Obs.
	19:40	23:00	X	033	Polishook	SpeX/MORIS	
	23:00	06:15	X	125	Bus	SpeX/MORIS	
Aug. 18 Sa	06:15	06:25			---	facility close	
Aug. 18 Sa	18:25	18:55			---	facility open	
	18:55	22:00		999	Engineering	SpeX	MK Scholars
	22:00	06:15	X	030	Reddy	SpeX/MORIS	
Aug. 19 Su	06:15	06:25			---	facility close	
Aug. 19 Su	18:25	18:55			---	facility open	
	18:55	22:00		999	Engineering	SpeX	MK Scholars
	22:00	06:15	X	036	Gartrelle	SpeX/MORIS	
Aug. 20 Mo	06:15	06:25			---	facility close	
Aug. 20 Mo	18:25	18:55			---	facility open	
	18:55	19:40	X	058	Corlies	SpeX	Service Obs.
	19:40	00:35	X	030	Reddy	SpeX/MORIS	
Aug. 21 Tu	00:35	06:15	X	115	Gregg	SpeX	
	06:15	06:25			---	facility close	
Aug. 21 Tu	18:25	18:55			---	facility open	
	18:55	00:35	X	088	Willman	SpeX/MORIS	
Aug. 22 We	00:35	06:15	X	115	Gregg	SpeX	
	06:15	06:25			---	facility close	
Aug. 22 We	18:25	18:55			---	facility open	
	18:55	00:35		999	Engineering	TBD	
Aug. 23 Th	00:35	06:15	X	115	Gregg	SpeX	
	06:15	06:25			---	facility close	
Aug. 23 Th	18:25	18:55			---	facility open	
	18:55	00:35		999	Engineering	TBD	
Aug. 24 Fr	00:35	06:15	X	115	Gregg	SpeX	
	06:15	06:25			---	facility close	
Aug. 24 Fr	13:55	14:25			---	facility open	
	14:25	14:55			---	inst. change	
	14:55	18:55	X	028	Marcq	iSHELL	Daylight Obs, First Night
	18:55	23:25		121	Moore	iSHELL	
	23:25	23:55			---	inst. change	

	23:55	06:15	X	044	Linder	SpeX/MORIS	
Aug. 25 Sa	06:15	06:25			---	facility close	
Aug. 25 Sa	13:55	14:25			---	facility open	
	14:25	14:55			---	inst. change	
	14:55	18:55	X	028	Marcq	iSHELL	Daylight Obs
	18:55	23:25		121	Moore	iSHELL	
	23:25	06:15		999	Engineering	TBD	
Aug. 26 Su	06:15	06:25			---	facility close	
Aug. 26 Su	14:25	14:55			---	facility open	
	14:55	18:55	X	028	Marcq	iSHELL	Daylight Obs
	18:55	23:25		121	Moore	iSHELL	
	23:25	06:15		999	Engineering	TBD	
Aug. 27 Mo	06:15	06:25			---	facility close	
	10:00	16:00			---	inst. change	
Aug. 27 Mo	18:25	18:55			---	facility open	
	18:55	19:40	X	058	Corlies	SpeX	Service Obs.
	19:40	06:15	X	118	Protopapa	SpeX/MORIS	
Aug. 28 Tu	06:15	06:25			---	facility close	
Aug. 28 Tu	18:25	18:55			---	facility open	
	18:55	06:15	X	046	Faherty	SpeX	
Aug. 29 We	06:15	06:25			---	facility close	
Aug. 29 We	18:25	18:55			---	facility open	
	18:55	06:15		998	Boston Univ	TBD	
Aug. 30 Th	06:15	06:25			---	facility close	
Aug. 30 Th	18:25	18:55			---	facility open	
	18:55	06:15		998	Boston Univ	TBD	
Aug. 31 Fr	06:15	06:25			---	facility close	
Aug. 31 Fr	18:25	18:55			---	facility open	
	18:55	06:15	X	016	Arredondo	SpeX/MORIS	

Observer List**August, 2018**

- 004 Paul Hardersen, Russell Genet
016 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
017 Richard Cartwright, Will Grundy
026 Francesca DeMeo, Schelte J. Bus, Richard P. Binzel, David Polishook, Brian Burt, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
028 Emmanuel Marcq, Franck Lefevre, Thomas Widemann, Therese Encrenaz
030 Vishnu Reddy, Juan Sanchez, Tomoko Arai, Benjamin Sharkey
033 David Polishook, Francesca DeMeo
036 Gordon Gartrelle, Paul Hardersen, Matthew Izawa, Matt Nowinski
044 Tyler Linder, Matt Nowinski, Ron Fevig, Amanda Pagul
045 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
046 Jackie Faherty, Marc Kuchner, Jonathan Gagne, Adam Schneider, Aaron Meisner, Daniella Bardalez Gagliuffi, Sarah Logsdon
051 Zachary Maas, Catherine Pilachowski, Kenneth Hinkle
058 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
060 Erika Gibb, Mohammad Saki, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Nathan Roth, Ron Vervack, Michael Combi, Hideyo Kawakita, Adam McKay
062 Paulo Miles Paez, Stanimir Metchev, Megan Tannock
064 Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
067 Ron Vervack, Neil Dello Russo, Boncho Bonev, Mike DiSanti, Erika Gibb, Hideyo Kawakita, Nathan Roth, Adam McKay, Lori Feaga, Hal Weaver, Anita Cochran, Nicolas Biver, Dominique Bockelee-Morvan, Jacques Crovisier
073 David Polishook, Cristina Thomas, Francesca DeMeo, Nicholas Moskovitz
082 Eric Gaidos, Andrew Mann
083 Michael Connelley, Christian Flores
084 Tom Megeath, Alessio Caratti o Garatti, Hendrik Linz, Henrich Beuther, Nicole Karnath
085 Christian Flores, Michael Connelley, Bo Reipurth
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoefflich, Max Stritzinger, Chris Ashall
088 Mark Willman, Bin Yang
098 Johanna Teske, Peter Plavchan, Jonathan Gagne, Peter Gao, Eric Gaidos, Brett Addison, Angelle Tanner, Jackie Faherty, Adam Burgasser, Alan Boss, Alycia Weinberger,
100 Bryan Holler, Cathy Olkin, Leslie Young, Will Grundy, Silvia Protopapa, Maya Yanez
102 Ellen Howell, Ronald Vervack, Yan Fernandez, Jenna Crowell, Mary Hinkle, Sean Marshall
104 P. Wilson Cauley, Seth Redfield, Laura Kreidberg, Evgenya Shkolnik
108 Leslie Young, William Grundy, Bryan Holler, Eliot Young
110 Bryson Cale, Peter Plavchan, Andrew Mann, Eric Gaidos, Elisabeth Newton, Aaron Rizzuto
113 Hideo Sagawa, Takao Sato, Hajime Kita
115 Michael Gregg
116 Evan Rich, John Wisniewski, Michael Sitko, Carol Grady, Misato Fukagawa
118 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
119 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin
121 Luke Moore, Carl Schmidt, James O'Donoghue, Henrik Melin, Tom Stallard
125 Schelte Bus, Dora Fohring, Jessica Sunshine
128 Michael Liu, Michael Lines, William Best, Mark Marley
133 Dora Fohring, Bobby Bus

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Sep. 1 Sa	06:15 06:25				---		facility close
Sep. 1 Sa	18:15 18:45				---		facility open
	18:45 19:30		X	058 Corlies	SpeX		Service Obs.
	19:30 06:05		X	061 Takir	SpeX		
Sep. 2 Su	06:05 06:15				---		facility close
Sep. 2 Su	18:15 18:45				---		facility open
	18:45 06:05		X	086 Bus	SpeX/MORIS		
Sep. 3 Mo	06:05 06:15				---		facility close
Sep. 3 Mo	18:15 18:45				---		facility open
	18:45 23:30			999 Engineering	TBD		
	23:30 06:05			081 von Hippel	SpeX/MORIS		First Night
Sep. 4 Tu	06:05 06:15				---		facility close
Sep. 4 Tu	18:15 18:45				---		facility open
	18:45 22:30		X	087 Shahbandeh	SpeX/MORIS		
	22:30 06:05			081 von Hippel	SpeX/MORIS		
Sep. 5 We	06:05 06:15				---		facility close
Sep. 5 We	18:15 18:45				---		facility open
	18:45 22:30		X	087 Shahbandeh	SpeX/MORIS		
	22:30 06:05			081 von Hippel	SpeX/MORIS		
Sep. 6 Th	06:05 06:15				---		facility close
Sep. 6 Th	18:00 18:30				---		facility open
	18:30 21:50		X	045 Sickafoose	SpeX/MORIS		Occultation
	21:50 23:50		X	119 Thomas	SpeX/MORIS		
	23:50 01:45		X	004 Hardersen	SpeX/MORIS		
Sep. 7 Fr	01:45 02:15				---		inst. change
	02:15 03:30		X	098 Teske	iSHELL		
	03:30 09:00		X	093 Bonev	iSHELL		Daylight Obs
	09:00 09:30				---		inst. change
	09:30 09:40				---		facility close
Sep. 7 Fr	18:15 18:45				---		facility open
	18:45 19:30		X	058 Corlies	SpeX		Service Obs.
	19:30 02:00		X	102 Howell	SpeX		
Sep. 8 Sa	02:00 02:30				---		inst. change
	02:30 09:30		X	064 Faggi	iSHELL		Daylight Obs
	09:30 10:00				---		inst. change
	10:00 10:10				---		facility close
Sep. 8 Sa	18:15 18:45				---		facility open
	18:45 02:00		X	086 Bus	SpeX/MORIS		
Sep. 9 Su	02:00 02:30				---		inst. change
	02:30 09:30		X	064 Faggi	iSHELL		Daylight Obs
	09:30 09:40				---		facility close
Sep. 9 Su	18:15 18:45				---		facility open

	18:45	03:00	X	082	Gaidos	iSHELL	
Sep. 10 Mo	03:00	08:00	X	071	Roth	iSHELL	Daylight Obs
	08:00	08:30			---	inst. change	
	08:30	08:40			---	facility close	
Sep. 10 Mo	18:15	18:45			---	facility open	
	18:45	19:30	X	058	Corlies	SpeX	Service Obs.
	19:30	01:15		047	Saha	SpeX	First Night
Sep. 11 Tu	01:15	01:45			---	inst. change	
	01:45	03:00	X	098	Teske	iSHELL	
	03:00	08:00	X	071	Roth	iSHELL	Daylight Obs
	08:00	08:30			---	inst. change	
	08:30	08:40			---	facility close	
Sep. 11 Tu	18:15	18:45			---	facility open	
	18:45	19:30	X	058	Corlies	SpeX	Service Obs.
	19:30	23:00		047	Saha	SpeX	
	23:00	01:00	X	108	Young	SpeX	
Sep. 12 We	01:00	05:00	X	045	Sickafoose	SpeX/MORIS	Occultation
	05:00	06:05		999	Engineering	TBD	
	06:05	06:15			---	facility close	
Sep. 12 We	18:15	18:45			---	facility open	
	18:45	20:00	X	116	Rich	SpeX/MORIS	
	20:00	03:00	X	102	Howell	SpeX	
Sep. 13 Th	03:00	10:00	X	067	Vervack	SpeX	Daylight Obs
	10:00	10:10			---	facility close	
Sep. 13 Th	18:15	18:45			---	facility open	
	18:45	06:05	X	030	Reddy	SpeX/MORIS	
Sep. 14 Fr	06:05	06:15			---	facility close	
Sep. 14 Fr	12:30	13:00			---	facility open	
	13:00	22:30		999	Engineering	TEXES	Daylight Obs
	22:30	23:00			---	inst. change	
	23:00	06:05		999	Engineering	TBD	
Sep. 15 Sa	06:05	06:15			---	facility close	
Sep. 15 Sa	12:00	12:30			---	facility open	
	12:30	13:00			---	inst. change	
	13:00	18:00		048	Greathouse	TEXES	Daylight Obs
	18:00	18:30			---	inst. change	
	18:30	23:30	X	012	McGraw	SpeX/MORIS	
	23:30	04:30	X	132	Protopapa	SpeX/MORIS	
Sep. 16 Su	04:30	06:05		999	Engineering	TBD	
	06:05	06:15			---	facility close	
Sep. 16 Su	12:00	12:30			---	facility open	
	12:30	13:00			---	inst. change	

	13:00	18:00		048	Greathouse	TEXES	Daylight Obs
	18:00	18:30			--- inst. change		
	18:30	19:30	X	058	Corlies	SpeX	Service Obs.
	19:30	01:30	X	102	Howell	SpeX	
Sep. 17 Mo	01:30	06:05	X	112	Dressing	SpeX	
	06:05	06:15			--- facility close		
Sep. 17 Mo	12:00	12:30			--- facility open		
	12:30	13:00			--- inst. change		
	13:00	15:00		048	Greathouse	TEXES	Daylight Obs
	15:00	19:00		015	Encrenaz	TEXES	Daylight Obs
	19:00	19:30			--- inst. change		
	19:30	23:30	X	045	Sickafoose	SpeX/MORIS	Occultation
	23:30	01:30	X	119	Thomas	SpeX/MORIS	
Sep. 18 Tu	01:30	06:05	X	112	Dressing	SpeX	
	06:05	06:15			--- facility close		
Sep. 18 Tu	11:00	11:30			--- facility open		
	11:30	12:00			--- inst. change		
	12:00	19:30		015	Encrenaz	TEXES	Daylight Obs
	19:30	20:00			--- inst. change		
	20:00	20:45	X	058	Corlies	SpeX	Service Obs.
	20:45	01:00	X	119	Thomas	SpeX/MORIS	
Sep. 19 We	01:00	06:05		999	Engineering	TBD	
	06:05	06:15			--- facility close		
Sep. 19 We	11:00	11:30			--- facility open		
	11:30	12:00			--- inst. change		
	12:00	19:30		015	Encrenaz	TEXES	Daylight Obs
	19:30	20:00			--- inst. change		
	20:00	20:45	X	058	Corlies	SpeX	Service Obs.
	20:45	06:05	X	044	Linder	SpeX/MORIS	
Sep. 20 Th	06:05	06:15			--- facility close		
Sep. 20 Th	11:00	11:30			--- facility open		
	11:30	12:00			--- inst. change		
	12:00	13:00		015	Encrenaz	TEXES	Daylight Obs
	13:00	18:00		052	Fletcher	TEXES	Daylight Obs
	18:00	21:30		027	Blake	TEXES	
	21:30	22:00			--- inst. change		
	22:00	01:20		999	Engineering	TBD	
Sep. 21 Fr	01:20	06:05	X	053	Biller	SpeX	
	06:05	06:15			--- facility close		
Sep. 21 Fr	11:00	11:30			--- facility open		
	11:30	12:00			--- inst. change		
	12:00	13:00		015	Encrenaz	TEXES	Daylight Obs

	13:00	18:00		052	Fletcher	TEXES	Daylight Obs
	18:00	21:30		027	Blake	TEXES	
	21:30	22:00			--- inst. change		
	22:00	01:05		999	Engineering	TBD	
Sep. 22 Sa	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			--- facility close		
Sep. 22 Sa	11:00	11:30			--- facility open		
	11:30	12:00			--- inst. change		
	12:00	19:30		015	Encrenaz	TEXES	Daylight Obs
	19:30	20:00			--- inst. change		
	20:00	01:05	X	061	Takir	SpeX	
Sep. 23 Su	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			--- facility close		
Sep. 23 Su	11:00	11:30			--- facility open		
	11:30	12:00			--- inst. change		
	12:00	19:30		015	Encrenaz	TEXES	Daylight Obs
	19:30	20:00			--- inst. change		
	20:00	20:45	X	058	Corlies	SpeX	Service Obs.
	20:45	01:05	X	087	Shahbandeh	SpeX/MORIS	
Sep. 24 Mo	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			--- facility close		
Sep. 24 Mo	12:00	12:30			--- facility open		
	12:30	13:00			--- inst. change		
	13:00	18:00		039	Sinclair	TEXES	Daylight Obs
	18:00	22:00		027	Blake	TEXES	
	22:00	22:30			--- inst. change		
	22:30	01:05		999	Engineering	TBD	
Sep. 25 Tu	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			--- facility close		
Sep. 25 Tu	12:00	12:30			--- facility open		
	12:30	13:00			--- inst. change		
	13:00	18:00		048	Greathouse	TEXES	Daylight Obs
	18:00	22:00		027	Blake	TEXES	
	22:00	22:30			--- inst. change		
	22:30	01:05		999	Engineering	TBD	
Sep. 26 We	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			--- facility close		
Sep. 26 We	12:00	12:30			--- facility open		
	12:30	13:00			--- inst. change		
	13:00	18:00		048	Greathouse	TEXES	Daylight Obs
	18:00	18:30			--- inst. change		
	18:30	01:05		999	Engineering	TBD	

Sep. 27 Th	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			---	facility close	
Sep. 27 Th	12:00	12:30			---	facility open	
	12:30	13:00			---	inst. change	
	13:00	15:30		039	Sinclair	TEXES	Daylight Obs
	15:30	18:00		048	Greathouse	TEXES	Daylight Obs
	18:00	18:30			---	inst. change	
	18:30	01:05		999	Engineering	TBD	
Sep. 28 Fr	01:05	06:05	X	053	Biller	SpeX	
	06:05	06:15			---	facility close	
Sep. 28 Fr	18:15	18:45			---	facility open	
	18:45	19:15			---	inst. change	
	19:15	03:05		999	Engineering	TEXES	
Sep. 29 Sa	03:05	06:05		040	Giesen	TEXES	
	06:05	06:15			---	facility close	
Sep. 29 Sa	18:15	18:45			---	facility open	
	18:45	05:35		095	Boogert	TEXES	
Sep. 30 Su	05:35	06:05			---	inst. change	
	06:05	06:15			---	facility close	
Sep. 30 Su	18:15	18:45			---	facility open	
	18:45	06:05	X	046	Faherty	SpeX	

Observer List**September, 2018**

- 004 Paul Hardersen, Russell Genet
- 012 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 015 Therese Encrenaz, Thomas Greathouse, Emmanuel Marcq, Hideo Sagawa, Thomas Widemann, Bruno Bezard, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee, Rohini Giles
- 027 James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Arrate Antunano Martin, Pdraig Donnelly, Naomi Rowe Gurney
- 030 Vishnu Reddy, Juan Sanchez, Tomoko Arai, Benjamin Sharkey
- 039 James Sinclair, Glenn Orton, Thomas Greathouse, Rohini Giles, Leigh Fletcher, Fachreddin Tabataba-Vakili, Henrik Melin, Patrick Irwin
- 040 Thomas Giesen, Daniel Witsch, Guido Fuchs, Bjoern Wassmuth, Mona Kempkes, Alexander Breier
- 044 Tyler Linder, Matt Nowinski, Ron Fevig, Amanda Pagul
- 045 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
- 046 Jackie Faherty, Marc Kuchner, Jonathan Gagne, Adam Schneider, Aaron Meisner, Daniella Bardalez Gagliuffi, Sarah Logsdon
- 047 Piyali Saha, Maheswar Gopinathan, Umanath Kamath
- 048 Thomas Greathouse, Glenn Orton, Leigh Fletcher, Therese Encrenaz, Richard Cosentino, Thierry Fouchet, Rohini Giles, Raul Morales-Jeberias
- 052 Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Rohini Giles, James Blake, Arrate Antunano, Naomi Rowe-Gurney, Pdraig Donnelly
- 053 Beth Biller, Michael Liu, Katelyn Allers, Loic Albert, Etienne Artigau, Po-Shih Chiang, Wen-Ping Chen, Mickael Bonnefoy, Philippe Delorme, Jessy Jose, Bhavana Lalchand, Greg Herczeg, Yumiko Oasa, Z.J. Zhang
- 058 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
- 061 Driss Takir, Joshua Emery
- 064 Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
- 067 Ron Vervack, Neil Dello Russo, Boncho Bonev, Mike DiSanti, Erika Gibb, Hideyo Kawakita, Nathan Roth, Adam McKay, Lori Feaga, Hal Weaver, Anita Cochran, Nicolas Biver, Dominique Bockelee-Morvan, Jacques Crovisier
- 071 Nathan Roth, Erika Gibb, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Ron Vervack, Hideyo Kawakita, Lori Feaga, Nicolas Biver, Martin Cordiner, Mohi Saki, Anita Cochran, Adam McKay, Michael Combi, Dominique Bockelee-Morvan
- 081 Ted von Hippel, Jay Farihi, Gilles Fontaine, Scot Kleinman, Jim Pringle, Judi Provencal
- 082 Eric Gaidos, Andrew Mann
- 086 Schelte J. Bus, Francesca DeMeo, Richard P. Binzel, David Polishook, Cristina Thomas, Brian Burt, Nicholas Moskovitz, Andrew Rivkin
- 087 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
- 093 Boncho Bonev, Neil Dello Russo, Michael DiSanti, Michael Combi, Erika Gibb, Silvia Protopapa, Ronald Vervack, Adam McKay, Nathan Roth, Hideyo Kawakita, Yinsi Shou, Nicolas Fougere, Martin Cordiner
- 095 Adwin Boogert, Andrew Barr, Xander Tielens, Ryan Dungee, John Lacy, Matt Richter, Curtis DeWitt, Ed Montiel, Jacqueline Keane
- 098 Johanna Teske, Peter Plavchan, Jonathan Gagne, Peter Gao, Eric Gaidos, Brett Addison, Angelle Tanner, Jackie Faherty, Adam Burgasser, Alan Boss, Alycia Weinberger,
- 102 Ellen Howell, Ronald Vervack, Yan Fernandez, Jenna Crowell, Mary Hinkle, Sean Marshall
- 108 Leslie Young, William Grundy, Bryan Holler, Eliot Young
- 112 Courtney Dressing, Joshua Schlieder, Kevin Hardegree-Ullman, Andrew Vanderburg, Elisabeth Newton
- 116 Evan Rich, John Wisniewski, Michael Sitko, Carol Grady, Misato Fukagawa
- 119 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin
- 132 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Charles E. Woodward, Boncho Bonev

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Oct. 1 Mo	06:05	06:15			---		facility close
Oct. 1 Mo	18:05	18:35			---		facility open
	18:35	19:20	X	058 Corlies	SpeX		Service Obs.
	19:20	22:20	X	105 Lisse	SpeX		
	22:20	05:55	X	004 Hardersen	SpeX/MORIS		
Oct. 2 Tu	05:55	06:05			---		facility close
Oct. 2 Tu	18:05	18:35			---		facility open
	18:35	01:55	X	030 Reddy	SpeX/MORIS		
Oct. 3 We	01:55	02:25			---		inst. change
	02:25	05:55	X	079 Brittain	iSHELL		
	05:55	06:05			---		facility close
	10:00	16:00			---		inst. change
Oct. 3 We	18:05	18:35			---		facility open
	18:35	22:20	X	016 Arredondo	SpeX/MORIS		
	22:20	22:50			---		inst. change
	22:50	00:05	X	098 Teske	iSHELL		
Oct. 4 Th	00:05	05:55	X	085 Flores	iSHELL		
	05:55	06:05			---		facility close
Oct. 4 Th	18:05	18:35			---		facility open
	18:35	05:55		999 Engineering	TBD		
Oct. 5 Fr	05:55	06:05			---		facility close
Oct. 5 Fr	18:05	18:35			---		facility open
	18:35	02:00	X	042 Glikman	SpeX/MORIS		
Oct. 6 Sa	02:00	02:30			---		inst. change
	02:30	10:00	X	064 Faggi	iSHELL		Daylight Obs
	10:00	10:30			---		inst. change
	10:30	10:40			---		facility close
Oct. 6 Sa	18:05	18:35			---		facility open
	18:35	02:00	X	042 Glikman	SpeX/MORIS		
Oct. 7 Su	02:00	02:30			---		inst. change
	02:30	10:00	X	064 Faggi	iSHELL		Daylight Obs
	10:00	10:30			---		inst. change
	10:30	10:40			---		facility close
Oct. 7 Su	18:05	18:35			---		facility open
	18:35	05:55	X	042 Glikman	SpeX/MORIS		
Oct. 8 Mo	05:55	06:05			---		facility close
Oct. 8 Mo	18:05	18:35			---		facility open
	18:35	02:30	X	030 Reddy	SpeX/MORIS		
Oct. 9 Tu	02:30	03:00			---		inst. change
	03:00	08:00	X	071 Roth	iSHELL		Daylight Obs
	08:00	08:10			---		facility close
Oct. 9 Tu	18:05	18:35			---		facility open

	18:35	23:35	X	095	Boogert	iSHELL	
	23:35	03:00	X	106	Flores	iSHELL	
Oct. 10 We	03:00	08:00	X	071	Roth	iSHELL	Daylight Obs
	08:00	08:30			---	inst. change	
	08:30	08:40			---	facility close	
Oct. 10 We	18:05	18:35			---	facility open	
	18:35	05:55	X	005	Zheng	SpeX	First Night
Oct. 11 Th	05:55	06:05			---	facility close	
Oct. 11 Th	18:05	18:35			---	facility open	
	18:35	21:00		999	Engineering	TBD	
	21:00	05:00	X	001	Cartwright	SpeX/MORIS	
Oct. 12 Fr	05:00	05:55		999	Engineering	TBD	
	05:55	06:05			---	facility close	
Oct. 12 Fr	18:05	18:35			---	facility open	
	18:35	20:55		999	Engineering	TBD	
	20:55	22:55	X	108	Young	SpeX	
	22:55	00:55	X	119	Thomas	SpeX/MORIS	
Oct. 13 Sa	00:55	02:55	X	132	Protopapa	SpeX/MORIS	
	02:55	05:55		999	Engineering	TBD	
	05:55	06:05			---	facility close	
Oct. 13 Sa	18:05	18:35			---	facility open	
	18:35	22:30		999	Engineering	SpeX	1st-year grads
	22:30	23:00			---	inst. change	
	23:00	05:55		037	Melin	iSHELL	
Oct. 14 Su	05:55	06:05			---	facility close	
Oct. 14 Su	18:05	18:35			---	facility open	
	18:35	20:45		999	Engineering	TBD	
	20:45	22:00	X	098	Teske	iSHELL	
	22:00	05:55		037	Melin	iSHELL	
Oct. 15 Mo	05:55	06:05			---	facility close	
Oct. 15 Mo	18:05	18:35			---	facility open	
	18:35	22:00		999	Engineering	TBD	
	22:00	05:55		037	Melin	iSHELL	
Oct. 16 Tu	05:55	06:05			---	facility close	
	10:00	16:00			---	inst. change	
Oct. 16 Tu	18:05	18:35			---	facility open	
	18:35	23:25	X	087	Shahbandeh	SpeX/MORIS	
	23:25	02:25	X	133	Fohring	SpeX/MORIS	
Oct. 17 We	02:25	02:55			---	inst. change	
	02:55	05:55	X	110	Cale	iSHELL	
	05:55	06:05			---	facility close	
	10:00	16:00			---	inst. change	

Oct. 17 We	18:05	18:35				---	facility open
	18:35	23:25	X	125	Bus		SpeX/MORIS
	23:25	23:55				---	inst. change
	23:55	02:55	X	106	Flores		iSHELL
Oct. 18 Th	02:55	05:55	X	110	Cale		iSHELL
	05:55	06:05				---	facility close
	10:00	16:00				---	inst. change
Oct. 18 Th	18:05	18:35				---	facility open
	18:35	21:35	X	102	Howell		SpeX
	21:35	02:25	X	125	Bus		SpeX/MORIS
Oct. 19 Fr	02:25	02:55				---	inst. change
	02:55	05:55	X	110	Cale		iSHELL
	05:55	06:05				---	facility close
	10:00	16:00				---	inst. change
Oct. 19 Fr	18:05	18:35				---	facility open
	18:35	23:35	X	080	Lucey		SpeX
	23:35	02:25	X	030	Reddy		SpeX/MORIS
Oct. 20 Sa	02:25	02:55				---	inst. change
	02:55	05:55	X	110	Cale		iSHELL
	05:55	06:05				---	facility close
Oct. 20 Sa	18:05	18:35				---	facility open
	18:35	19:05				---	inst. change
	19:05	23:35	X	080	Lucey		SpeX
	23:35	02:55		999	Engineering		TBD
Oct. 21 Su	02:55	05:55	X	110	Cale		iSHELL
	05:55	06:05				---	facility close
Oct. 21 Su	18:05	18:35				---	facility open
	18:35	19:05				---	inst. change
	19:05	23:35	X	080	Lucey		SpeX
	23:35	05:55	X	103	Zhang		SpeX
Oct. 22 Mo	05:55	06:05				---	facility close
Oct. 22 Mo	18:05	18:35				---	facility open
	18:35	23:35	X	080	Lucey		SpeX
	23:35	05:55	X	103	Zhang		SpeX
Oct. 23 Tu	05:55	06:05				---	facility close
Oct. 23 Tu	18:05	18:35				---	facility open
	18:35	23:35	X	044	Linder		SpeX/MORIS
	23:35	05:55	X	103	Zhang		SpeX
Oct. 24 We	05:55	06:05				---	facility close
Oct. 24 We	18:05	18:35				---	facility open
	18:35	21:45		999	Engineering		TBD
	21:45	05:55	X	103	Zhang		SpeX

Oct. 25 Th	05:55	06:05			---	facility close	
Oct. 25 Th	18:05	18:35			---	facility open	
	18:35	22:25		999	Engineering	TBD	
	22:25	05:55	X	063	Candian	SpeX	
Oct. 26 Fr	05:55	06:05			---	facility close	
	10:00	16:00			---	inst. change	
Oct. 26 Fr	18:05	18:35			---	facility open	
	18:35	05:55		055	Dinerstein	iSHELL	First Night
Oct. 27 Sa	05:55	06:05			---	facility close	
Oct. 27 Sa	18:05	18:35			---	facility open	
	18:35	05:55		055	Dinerstein	iSHELL	
Oct. 28 Su	05:55	06:05			---	facility close	
Oct. 28 Su	18:05	18:35			---	facility open	
	18:35	05:55		055	Dinerstein	iSHELL	
Oct. 29 Mo	05:55	06:05			---	facility close	
Oct. 29 Mo	18:05	18:35			---	facility open	
	18:35	05:55		055	Dinerstein	iSHELL	
Oct. 30 Tu	05:55	06:05			---	facility close	
	10:00	16:00			---	inst. change	
Oct. 30 Tu	18:05	18:35			---	facility open	
	18:35	03:00	X	001	Cartwright	SpeX/MORIS	
Oct. 31 We	03:00	05:55	X	112	Dressing	SpeX	
	05:55	06:05			---	facility close	
Oct. 31 We	18:05	18:35			---	facility open	
	18:35	05:55	X	112	Dressing	SpeX	

Observer List**October, 2018**

001 Richard Cartwright, Joshua Emery, Noemi Pinilla-Alonso
004 Paul Hardersen, Russell Genet
005 Wei Zheng
016 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
030 Vishnu Reddy, Juan Sanchez, Tomoko Arai, Benjamin Sharkey
037 Henrik Melin, Laurence Trafton, Leigh Fletcher, Tom Stallard, Rosie Johnson, Nahid Chowdhury
042 Eilat Glikman, Stephanie LaMassa, Meg Urry, Mark Lacy
044 Tyler Linder, Matt Nowinski, Ron Fevig, Amanda Pagul
055 Harriet Dinerstein, N. C. Sterling, William Vacca
058 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
063 Alessandra Candian, Stephanie Cazaux, Annemieke Petrignani
064 Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
071 Nathan Roth, Erika Gibb, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Ron Vervack, Hideyo Kawakita, Lori Feaga, Nicolas Biver, Martin Cordiner, Mohi Saki, Anita Cochran, Adam McKay, Michael Combi, Dominique Bockelee-Morvan
079 Sean Brittain, Joan Najita, John Carr, Stanley Jensen
080 Paul Lucey, Heather Kaluna, Casey Honniball
085 Christian Flores, Michael Connelley, Bo Reipurth
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
095 Adwin Boogert, Andrew Barr, Xander Tielens, Ryan Dungee, John Lacy, Matt Richter, Curtis DeWitt, Ed Montiel, Jacqueline Keane
098 Johanna Teske, Peter Plavchan, Jonathan Gagne, Peter Gao, Eric Gaidos, Brett Addison, Angelle Tanner, Jackie Faherty, Adam Burgasser, Alan Boss, Alycia Weinberger,
102 Ellen Howell, Ronald Vervack, Yan Fernandez, Jenna Crowell, Mary Hinkle, Sean Marshall
103 Zhoujian Zhang, Michael Liu, William Best, Eugene Magnier
105 Carey Lisse, Mike Sitko, Massimo Marengo
106 Christian Flores, Michael Connelley, Bo Reipurth
108 Leslie Young, William Grundy, Bryan Holler, Eliot Young
110 Bryson Cale, Peter Plavchan, Andrew Mann, Eric Gaidos, Elisabeth Newton, Aaron Rizzuto
112 Courtney Dressing, Joshua Schlieder, Kevin Hardegree-Ullman, Andrew Vanderburg, Elisabeth Newton
119 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin
125 Schelte Bus, Dora Fohring, Jessica Sunshine
132 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Charles E. Woodward, Boncho Bonev
133 Dora Fohring, Bobby Bus

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Nov. 1 Th	05:55 06:05				---		facility close
Nov. 1 Th	18:05 18:35				---		facility open
	18:35 01:25		X	067 Vervack	SpeX		
Nov. 2 Fr	01:25 05:55		X	103 Zhang	SpeX		
	05:55 06:05				---		facility close
Nov. 2 Fr	18:05 18:35				---		facility open
	18:35 23:59		X	112 Dressing	SpeX		
	23:59 03:00		X	102 Howell	SpeX		
Nov. 3 Sa	03:00 05:55			999 Engineering	TBD		
	05:55 06:05				---		facility close
Nov. 3 Sa	18:05 18:35				---		facility open
	18:35 22:55			999 Engineering	SpeX		1st-year grads
	22:55 23:25				---		inst. change
	23:25 05:55		X	059 DiSanti	iSHELL		
Nov. 4 Su	05:55 06:05				---		facility close
Nov. 4 Su	18:05 18:35				---		facility open
	18:35 05:55		X	059 DiSanti	iSHELL		
Nov. 5 Mo	05:55 06:05				---		facility close
Nov. 5 Mo	18:05 18:35				---		facility open
	18:35 20:05		X	098 Teske	iSHELL		
	20:05 05:55		X	059 DiSanti	iSHELL		
Nov. 6 Tu	05:55 06:05				---		facility close
Nov. 6 Tu	18:05 18:35				---		facility open
	18:35 19:05				---		inst. change
	19:05 02:30		X	001 Cartwright	SpeX/MORIS		
Nov. 7 We	02:30 05:55		X	026 DeMeo	SpeX/MORIS		
	05:55 06:05				---		facility close
	10:00 16:00				---		inst. change
Nov. 7 We	18:05 18:35				---		facility open
	18:35 03:00			037 Melin	iSHELL		
Nov. 8 Th	03:00 05:55		X	106 Flores	iSHELL		
	05:55 06:05				---		facility close
Nov. 8 Th	18:05 18:35				---		facility open
	18:35 03:00			037 Melin	iSHELL		
Nov. 9 Fr	03:00 05:55		X	106 Flores	iSHELL		
	05:55 06:05				---		facility close
Nov. 9 Fr	18:05 18:35				---		facility open
	18:35 03:00			037 Melin	iSHELL		
Nov. 10 Sa	03:00 05:55		X	095 Boogert	iSHELL		
	05:55 06:05				---		facility close
Nov. 10 Sa	18:05 18:35				---		facility open
	18:35 20:00		X	098 Teske	iSHELL		

	20:00	01:30	X	090	Mumma	iSHELL	
Nov. 11 Su	01:30	02:00			--- inst. change		
	02:00	05:55	X	026	DeMeo	SpeX/MORIS	
	05:55	06:05			--- facility close		
Nov. 11 Su	18:05	18:35			--- facility open		
	18:35	23:45	X	112	Dressing	SpeX	
	23:45	00:15			--- inst. change		
Nov. 12 Mo	00:15	05:55	X	096	Karnath	iSHELL	
	05:55	06:05			--- facility close		
Nov. 12 Mo	18:05	18:35			--- facility open		
	18:35	19:05			--- inst. change		
	19:05	23:45	X	112	Dressing	SpeX	
	23:45	00:15			--- inst. change		
Nov. 13 Tu	00:15	05:55	X	096	Karnath	iSHELL	
	05:55	06:05			--- facility close		
Nov. 13 Tu	18:05	18:35			--- facility open		
	18:35	00:15		999	Engineering	TBD	
Nov. 14 We	00:15	05:55	X	096	Karnath	iSHELL	
	05:55	06:05			--- facility close		
Nov. 14 We	18:05	18:35			--- facility open		
	18:35	21:15		999	Engineering	TBD	
	21:15	00:15	X	110	Cale	iSHELL	
Nov. 15 Th	00:15	05:55	X	096	Karnath	iSHELL	
	05:55	06:05			--- facility close		
Nov. 15 Th	18:05	18:35			--- facility open		
	18:35	21:45	X	030	Reddy	SpeX/MORIS	
	21:45	23:45	X	132	Protopapa	SpeX/MORIS	
	23:45	00:15			--- inst. change		
Nov. 16 Fr	00:15	05:55	X	096	Karnath	iSHELL	
	05:55	06:05			--- facility close		
	10:00	16:00			--- inst. change		
Nov. 16 Fr	18:05	18:35			--- facility open		
	18:35	21:00	X	108	Young	SpeX	
	21:00	01:00	X	119	Thomas	SpeX/MORIS	
Nov. 17 Sa	01:00	02:30	X	128	Liu	SpeX	
	02:30	05:55	X	030	Reddy	SpeX/MORIS	
	05:55	10:55		130	Young	SpeX	Daylight Obs
	10:55	11:05			--- facility close		
Nov. 17 Sa	18:05	18:35			--- facility open		
	18:35	23:30	X	080	Lucey	SpeX	
	23:30	05:55	X	067	Vervack	SpeX	
Nov. 18 Su	05:55	10:55		130	Young	SpeX	Daylight Obs

	10:55	11:05					---	facility close	
Nov. 18 Su	18:05	18:35					---	facility open	
	18:35	02:30	X	001	Cartwright	SpeX/MORIS			
Nov. 19 Mo	02:30	05:55	X	043	Goto	SpeX			
	05:55	10:55		130	Young	SpeX			Daylight Obs
	10:55	11:05					---	facility close	
Nov. 19 Mo	18:30	19:00					---	facility open	
	19:00	23:59	X	080	Lucey	SpeX			
	23:59	04:00	X	043	Goto	SpeX			
Nov. 20 Tu	04:00	06:20	X	102	Howell	SpeX			
	06:20	11:20		130	Young	SpeX			Daylight Obs
	11:20	11:30					---	facility close	
Nov. 20 Tu	18:05	18:35					---	facility open	
	18:35	23:35	X	080	Lucey	SpeX			
	23:35	05:55	X	043	Goto	SpeX			
Nov. 21 We	05:55	10:55		130	Young	SpeX			Daylight Obs
	10:55	11:05					---	facility close	
Nov. 21 We	18:05	18:35					---	facility open	
	18:35	05:55	X	120	Bardalez Gagliuffi	SpeX			
Nov. 22 Th	05:55	10:55		130	Young	SpeX			Daylight Obs
	10:55	11:05					---	facility close	
Nov. 22 Th	18:05	18:35					---	facility open	
	18:35	21:35	X	102	Howell	SpeX			
	21:35	05:55	X	087	Shahbandeh	SpeX/MORIS			
Nov. 23 Fr	05:55	10:55		130	Young	SpeX			Daylight Obs
	10:55	11:25					---	inst. change	
	11:25	11:35					---	facility close	
Nov. 23 Fr	18:05	18:35					---	facility open	
	18:35	20:00	X	098	Teske	iSHELL			
	20:00	05:55	X	056	Burgasser	iSHELL			First Night
Nov. 24 Sa	05:55	10:20		031	Tsang	iSHELL			Daylight Obs
	10:20	10:50					---	inst. change	
	10:50	11:00					---	facility close	
Nov. 24 Sa	18:05	18:35					---	facility open	
	18:35	05:25	X	046	Faherty	SpeX			
Nov. 25 Su	05:25	05:55					---	inst. change	
	05:55	10:20		031	Tsang	iSHELL			Daylight Obs
	10:20	10:50					---	inst. change	
	10:50	11:00					---	facility close	
Nov. 25 Su	18:05	18:35					---	facility open	
	18:35	05:55	X	061	Takir	SpeX			
Nov. 26 Mo	05:55	10:55		130	Young	SpeX			Daylight Obs

	10:55	11:05				---	facility close		
Nov. 26 Mo	18:05	18:35				---	facility open		
	18:35	05:55	X	088	Willman		SpeX/MORIS		
Nov. 27 Tu	05:55	10:55		130	Young		SpeX		Daylight Obs
	10:55	11:05				---	facility close		
Nov. 27 Tu	18:30	19:00				---	facility open		
	19:00	04:00		999	Engineering		TBD		
Nov. 28 We	04:00	06:20	X	102	Howell		SpeX		
	06:20	11:20		130	Young		SpeX		Daylight Obs
	11:20	11:30				---	facility close		
Nov. 28 We	18:05	18:35				---	facility open		
	18:35	00:05	X	091	Fry		SpeX		
Nov. 29 Th	00:05	05:55		999	Engineering		TBD		
	05:55	10:55		130	Young		SpeX		Daylight Obs
	10:55	11:05				---	facility close		
Nov. 29 Th	18:05	18:35				---	facility open		
	18:35	00:05	X	091	Fry		SpeX		
Nov. 30 Fr	00:05	05:55	X	004	Hardersen		SpeX/MORIS		
	05:55	10:55		130	Young		SpeX		Daylight Obs
	10:55	11:05				---	facility close		
Nov. 30 Fr	18:05	18:35				---	facility open		
	18:35	00:15	X	101	Holler		SpeX/MORIS		

Observer List**November, 2018**

- 001 Richard Cartwright, Joshua Emery, Noemi Pinilla-Alonso
004 Paul Hardersen, Russell Genet
026 Francesca DeMeo, Schelte J. Bus, Richard P. Binzel, David Polishook, Brian Burt, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
030 Vishnu Reddy, Juan Sanchez, Tomoko Arai, Benjamin Sharkey
031 Constantine Tsang, Eliot Young, Kevin McGouldrick, Mark Bullock
037 Henrik Melin, Laurence Trafton, Leigh Fletcher, Tom Stallard, Rosie Johnson, Nahid Chowdhury
043 Miwa Goto, Izaskun Jimenez-Serra, Paola Caselli, Anton Vasyunin
046 Jackie Faherty, Marc Kuchner, Jonathan Gagne, Adam Schneider, Aaron Meisner, Daniella Bardalez Gagliuffi, Sarah Logsdon
056 Adam Burgasser, Chris Theissen, Christian Aganze, Chih-chun Hsu, Jessica Birky, Sarah Schmidt
059 Michael DiSanti, Adam McKay, Neil Dello Russo, Boncho Bonev, Erika Gibb, Anita Cochran, Nathan Roth, Ron Vervack, Lori Feaga, Emmanuel Jehin
061 Driss Takir, Joshua Emery
067 Ron Vervack, Neil Dello Russo, Boncho Bonev, Mike DiSanti, Erika Gibb, Hideyo Kawakita, Nathan Roth, Adam McKay, Lori Feaga, Hal Weaver, Anita Cochran, Nicolas Biver, Dominique Bockelee-Morvan, Jacques Crovisier
080 Paul Lucey, Heather Kaluna, Casey Honniball
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
088 Mark Willman, Bin Yang
090 Michael J. Mumma, Sara Faggi, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
091 Patrick Fry, Lawrence Sromovsky
095 Adwin Boogert, Andrew Barr, Xander Tielens, Ryan Dungee, John Lacy, Matt Richter, Curtis DeWitt, Ed Montiel, Jacqueline Keane
096 Nicole Karnath, Tom Megeath, Rohan Rahatgaonkar
098 Johanna Teske, Peter Plavchan, Jonathan Gagne, Peter Gao, Eric Gaidos, Brett Addison, Angelle Tanner, Jackie Faherty, Adam Burgasser, Alan Boss, Alycia Weinberger,
101 Bryan Holler, Leslie Young, Silvia Protopapa, Bobby Bus
102 Ellen Howell, Ronald Vervack, Yan Fernandez, Jenna Crowell, Mary Hinkle, Sean Marshall
103 Zhoujian Zhang, Michael Liu, William Best, Eugene Magnier
106 Christian Flores, Michael Connelley, Bo Reipurth
108 Leslie Young, William Grundy, Bryan Holler, Eliot Young
110 Bryson Cale, Peter Plavchan, Andrew Mann, Eric Gaidos, Elisabeth Newton, Aaron Rizzuto
112 Courtney Dressing, Joshua Schlieder, Kevin Hardegree-Ullman, Andrew Vanderburg, Elisabeth Newton
119 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin
120 Daniella Bardalez Gagliuffi, Christopher Theissen
128 Michael Liu, Michael Lines, William Best, Mark Marley
130 Eliot Young, Mark Bullock, Con Tsang, Yeon Joo Lee, Toru Kouyama, Kevin McGouldrick, Javier Peralta, Takehiko Satoh
132 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Charles E. Woodward, Boncho Bonev

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Dec. 1 Sa	00:15	05:55	X	083 Connelley	SpeX		
	05:55	10:55		130 Young	SpeX		Daylight Obs
	10:55	11:05		--- facility close			
Dec. 1 Sa	18:15	18:45		--- facility open			
	18:45	00:25	X	101 Holler	SpeX/MORIS		
Dec. 2 Su	00:25	06:05	X	086 Bus	SpeX/MORIS		
	06:05	11:05		130 Young	SpeX		Daylight Obs
	11:05	11:15		--- facility close			
Dec. 2 Su	18:15	18:45		--- facility open			
	18:45	00:25	X	101 Holler	SpeX/MORIS		
Dec. 3 Mo	00:25	06:05	X	086 Bus	SpeX/MORIS		
	06:05	11:05		130 Young	SpeX		Daylight Obs
	11:05	11:15		--- facility close			
Dec. 3 Mo	18:30	19:00		--- facility open			
	19:00	22:00	X	132 Protopapa	SpeX/MORIS		
Dec. 4 Tu	22:00	01:00	X	102 Howell	SpeX		
	01:00	04:00	X	073 Polishook	SpeX/MORIS		
	04:00	06:20	X	102 Howell	SpeX		
	06:20	11:20		130 Young	SpeX		Daylight Obs
Dec. 4 Tu	11:20	11:30		--- facility close			
	18:15	18:45		--- facility open			
Dec. 5 We	18:45	06:05	X	057 Gaffey	SpeX		First Night
	06:05	11:05		130 Young	SpeX		Daylight Obs
	11:05	11:15		--- facility close			
Dec. 5 We	18:15	18:45		--- facility open			
	18:45	23:00		999 Engineering	TBD		
Dec. 6 Th	23:00	02:00	X	106 Flores	iSHELL		
	02:00	06:05	X	056 Burgasser	iSHELL		
	06:05	06:35		--- inst. change			
	06:35	11:35		130 Young	SpeX		Daylight Obs
Dec. 6 Th	11:35	11:45		--- facility close			
	18:15	18:45		--- facility open			
Dec. 7 Fr	18:45	02:00	X	067 Vervack	SpeX		
	02:00	06:05		999 Engineering	TBD		
	06:05	06:15		--- facility close			
Dec. 7 Fr	10:00	16:00		--- inst. change			
	18:15	18:45		--- facility open			
Dec. 7 Fr	18:45	06:05		999 Engineering	BASS		
	06:05	06:15		--- facility close			
Dec. 8 Sa	18:15	18:45		--- facility open			
Dec. 8 Sa	18:45	06:05		007 Woodward	BASS		
	06:05	06:15		--- facility close			
Dec. 9 Su	06:05	06:15		--- facility close			

Dec. 9 Su	18:15	18:45			---	facility open		
	18:45	06:05		007	Woodward	BASS		
Dec. 10 Mo	06:05	06:15			---	facility close		
Dec. 10 Mo	18:15	18:45			---	facility open		
	18:45	06:05		007	Woodward	BASS		
Dec. 11 Tu	06:05	06:15			---	facility close		
	10:00	16:00			---	inst. change		
Dec. 11 Tu	18:15	18:45			---	facility open		
	18:45	02:15	X	090	Mumma	iSHELL		
Dec. 12 We	02:15	02:45			---	inst. change		
	02:45	06:05	X	030	Reddy	SpeX/MORIS		
	06:05	06:15			---	facility close		
	10:00	16:00			---	inst. change		
Dec. 12 We	18:15	18:45			---	facility open		
	18:45	00:45		006	Woodward	MIRSI		First Night
Dec. 13 Th	00:45	06:05	X	070	Trilling	MIRSI/MOC		First Night
	06:05	06:15			---	facility close		
	10:00	16:00			---	inst. change		
Dec. 13 Th	18:15	18:45			---	facility open		
	18:45	02:45	X	050	Dello Russo	iSHELL		
Dec. 14 Fr	02:45	06:05		999	Engineering	TBD		
	06:05	06:15			---	facility close		
Dec. 14 Fr	18:15	18:45			---	facility open		
	18:45	00:45		006	Woodward	MIRSI		
Dec. 15 Sa	00:45	01:15			---	inst. change		
	01:15	06:05	X	086	Bus	SpeX/MORIS		
	06:05	06:15			---	facility close		
Dec. 15 Sa	18:15	18:45			---	facility open		
	18:45	19:15			---	inst. change		
	19:15	02:45	X	050	Dello Russo	iSHELL		
Dec. 16 Su	02:45	03:15			---	inst. change		
	03:15	06:05	X	070	Trilling	MIRSI/MOC		
	06:05	06:15			---	facility close		
Dec. 16 Su	08:00	08:30			---	facility open		
	08:30	11:30		049	Varatharajan	MIRSI		Daylight Obs, First Night
	11:30	12:00			---	inst. change		
	12:00	12:10			---	facility close		
Dec. 16 Su	18:15	18:45			---	facility open		
	18:45	21:30	X	132	Protopapa	SpeX/MORIS		
	21:30	01:30	X	045	Sickafoose	SpeX/MORIS		Occultation
Dec. 17 Mo	01:30	06:05	X	030	Reddy	SpeX/MORIS		
	06:05	06:15			---	facility close		

Dec. 17 Mo	07:30	08:00			---	facility open	
	08:00	08:30			---	inst. change	
	08:30	11:30		049	Varatharajan	MIRSI	Daylight Obs
	11:30	12:00			---	inst. change	
	12:00	12:10			---	facility close	
Dec. 17 Mo	18:15	18:45			---	facility open	
	18:45	02:45	X	050	Dello Russo	iSHELL	
Dec. 18 Tu	02:45	03:15			---	inst. change	
	03:15	06:05	X	070	Trilling	MIRSI/MOC	
	06:05	06:15			---	facility close	
Dec. 18 Tu	08:00	08:30			---	facility open	
	08:30	11:30		049	Varatharajan	MIRSI	Daylight Obs
	11:30	12:00			---	inst. change	
	12:00	12:10			---	facility close	
Dec. 18 Tu	18:15	18:45			---	facility open	
	18:45	02:45	X	050	Dello Russo	iSHELL	
Dec. 19 We	02:45	03:15			---	inst. change	
	03:15	06:05	X	061	Takir	SpeX	
	06:05	06:15			---	facility close	
	10:00	16:00			---	inst. change	
Dec. 19 We	18:15	18:45			---	facility open	
	18:45	03:15	X	090	Mumma	iSHELL	
Dec. 20 Th	03:15	06:05		999	Engineering	TBD	
	06:05	06:15			---	facility close	
Dec. 20 Th	18:15	18:45			---	facility open	
	18:45	02:00	X	093	Bonev	iSHELL	
Dec. 21 Fr	02:00	06:05		999	Engineering	TBD	
	06:05	06:15			---	facility close	
Dec. 21 Fr	18:15	18:45			---	facility open	
	18:45	06:05	X	078	Shkolnik	iSHELL	
Dec. 22 Sa	06:05	06:15			---	facility close	
Dec. 22 Sa	18:15	18:45			---	facility open	
	18:45	06:05	X	078	Shkolnik	iSHELL	
Dec. 23 Su	06:05	06:15			---	facility close	
Dec. 23 Su	18:15	18:45			---	facility open	
	18:45	20:25		999	Engineering	TBD	
	20:25	03:25	X	067	Vervack	SpeX	
Dec. 24 Mo	03:25	06:05	X	087	Shahbandeh	SpeX/MORIS	
	06:05	06:15			---	facility close	
	-----	-----				Christmas Eve	
Dec. 25 Tu	-----	-----				Christmas	
Dec. 26 We	10:00	16:00			---	inst. change	

Dec. 26 We	18:15	18:45				---	facility open
	18:45	21:45	X	110	Cale		iSHELL
	21:45	06:05	X	078	Shkolnik		iSHELL
Dec. 27 Th	06:05	06:15				---	facility close
	10:00	16:00				---	inst. change
Dec. 27 Th	18:15	18:45				---	facility open
	18:45	23:00	X	132	Protopapa		SpeX/MORIS
	23:00	02:00	X	102	Howell		SpeX
Dec. 28 Fr	02:00	06:05	X	016	Arredondo		SpeX/MORIS
	06:05	06:15				---	facility close
Dec. 28 Fr	18:15	18:45				---	facility open
	18:45	06:05	X	118	Protopapa		SpeX/MORIS
Dec. 29 Sa	06:05	06:15				---	facility close
Dec. 29 Sa	18:15	18:45				---	facility open
	18:45	19:15				---	inst. change
	19:15	02:45	X	083	Connelley		iSHELL
Dec. 30 Su	02:45	06:05	X	085	Flores		iSHELL
	06:05	06:15				---	facility close
Dec. 30 Su	18:15	18:45				---	facility open
	18:45	02:45	X	083	Connelley		iSHELL
Dec. 31 Mo	02:45	06:05	X	085	Flores		iSHELL
	06:05	06:15				---	facility close
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Observer List**December, 2018**

- 006 Chick Woodward, Michael S.P. Kelley, David E. Harker, Diane H. Wooden, Michael L. Sitko, Silvia Protopapa
007 Chick Woodward, Mike S.P. Kelley, David Harker, Jon C. Mauerhan, Daryl L. Kim, Diane Wooden, Miike Sitko, Silvia Protopapa, Ray W. Russell
016 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
030 Vishnu Reddy, Juan Sanchez, Tomoko Arai, Benjamin Sharkey
045 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
049 Indhu Varatharajan, Constantine Tsang, Jorn Helbert, Noam Izenberg
050 Neil Dello Russo, Michael DiSanti, Ronald Vervack, Boncho Bonev, Erika Gibb, Hideyo Kawakita, Nathan Roth, Adam McKay, Anita Cochran, Emmanuel Jehin, Martin Cordiner, Harold Weaver, Nicolas Biver, Jacques Crovisier
056 Adam Burgasser, Chris Theissen, Christian Aganze, Chih-chun Hsu, Jessica Birky, Sarah Schmidt
057 Michael Gaffey, Sherry Fieber-Beyer, Rachel Roberts
061 Driss Takir, Joshua Emery
067 Ron Vervack, Neil Dello Russo, Boncho Bonev, Mike DiSanti, Erika Gibb, Hideyo Kawakita, Nathan Roth, Adam McKay, Lori, Feaga, Hal Weaver, Anita Cochran, Nicolas Biver, Dominique Bockelee-Morvan, Jacques Crovisier
070 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nick Moskovitz
073 David Polishook, Cristina Thomas, Francesca DeMeo, Nicholas Moskovitz
078 Evgenya Shkolnik, Joe Llama
083 Michael Connelley, Christian Flores
085 Christian Flores, Michael Connelley, Bo Reipurth
086 Schelte J. Bus, Francesca DeMeo, Richard P. Binzel, David Polishook, Cristina Thomas, Brian Burt, Nicholas Moskovitz, Andrew Rivkin
087 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
090 Michael J. Mumma, Sara Faggi, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
093 Boncho Bonev, Neil Dello Russo, Michael DiSanti, Michael Combi, Erika Gibb, Silvia Protopapa, Ronald Vervack, Adam McKay, Nathan Roth, Hideyo Kawakita, Yinsi Shou, Nicolas Fougere, Martin Cordiner
101 Bryan Holler, Leslie Young, Silvia Protopapa, Bobby Bus
102 Ellen Howell, Ronald Vervack, Yan Fernandez, Jenna Crowell, Mary Hinkle, Sean Marshall
106 Christian Flores, Michael Connelley, Bo Reipurth
110 Bryson Cale, Peter Plavchan, Andrew Mann, Eric Gaidos, Elisabeth Newton, Aaron Rizzuto
118 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
130 Eliot Young, Mark Bullock, Con Tsang, Yeon Joo Lee, Toru Kouyama, Kevin McGouldrick, Javier Peralta, Takehiko Satoh
132 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Charles E. Woodward, Boncho Bonev

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jan. 1 Tu	18:30 19:00				---		facility open
	19:00 03:00		X	083 Connelley	iSHELL		
Jan. 2 We	03:00 06:30			999 Engineering	TBD		
	06:30 10:30		X	028 Marcq	iSHELL		Daylight Obs
	10:30 10:40				---		facility close
Jan. 2 We	18:30 19:00				---		facility open
	19:00 22:00		X	079 Brittain	iSHELL		
	22:00 06:30		X	056 Burgasser	iSHELL		
Jan. 3 Th	06:30 10:30		X	028 Marcq	iSHELL		Daylight Obs
	10:30 11:00				---		inst. change
	11:00 11:10				---		facility close
Jan. 3 Th	18:30 19:00				---		facility open
	19:00 01:00		X	012 McGraw	SpeX/MORIS		
Jan. 4 Fr	01:00 01:30				---		inst. change
	01:30 06:30		X	051 Maas	iSHELL		
	06:30 10:30		X	028 Marcq	iSHELL		Daylight Obs
	10:30 10:40				---		facility close
Jan. 4 Fr	18:30 19:00				---		facility open
	19:00 22:00		X	106 Flores	iSHELL		
	22:00 06:20		X	090 Mumma	iSHELL		
Jan. 5 Sa	06:20 06:50				---		inst. change
	06:50 11:50		X	034 Peralta	MIRSI		Daylight Obs, First Night
	11:50 12:20		X	038 Sinclair	MIRSI		Daylight Obs, First Night
	12:20 12:50				---		inst. change
	12:50 13:00				---		facility close
Jan. 5 Sa	18:30 19:00				---		facility open
	19:00 01:10			092 Bary	SpeX/MORIS		First Night
Jan. 6 Su	01:10 01:40				---		inst. change
	01:40 06:20		X	070 Trilling	MIRSI/MOC		
	06:20 11:50		X	034 Peralta	MIRSI		Daylight Obs
	11:50 12:20		X	038 Sinclair	MIRSI		Daylight Obs
	12:20 12:50				---		inst. change
	12:50 13:00				---		facility close
Jan. 6 Su	18:30 19:00				---		facility open
	19:00 00:40			092 Bary	SpeX/MORIS		
Jan. 7 Mo	00:40 03:00		X	132 Protopapa	SpeX/MORIS		
	03:00 06:20		X	102 Howell	SpeX		
	06:20 06:50				---		inst. change
	06:50 11:50		X	034 Peralta	MIRSI		Daylight Obs
	11:50 12:20		X	038 Sinclair	MIRSI		Daylight Obs
	12:20 12:50				---		inst. change
	12:50 13:00				---		facility close

Jan. 7 Mo	18:30	19:00					--- facility open
	19:00	01:10		092	Bary		SpeX/MORIS
Jan. 8 Tu	01:10	01:40					--- inst. change
	01:40	06:20	X	070	Trilling		MIRSI/MOC
	06:20	11:50	X	034	Peralta		MIRSI Daylight Obs
	11:50	12:20	X	038	Sinclair		MIRSI Daylight Obs
	12:20	12:50					--- inst. change
	12:50	13:00					--- facility close
Jan. 8 Tu	18:30	19:00					--- facility open
	19:00	00:40		092	Bary		SpeX/MORIS
Jan. 9 We	00:40	06:20	X	112	Dressing		SpeX
	06:20	06:50					--- inst. change
	06:50	11:50	X	034	Peralta		MIRSI Daylight Obs
	11:50	12:20	X	038	Sinclair		MIRSI Daylight Obs
	12:20	12:50					--- inst. change
	12:50	13:00					--- facility close
Jan. 9 We	18:30	19:00					--- facility open
	19:00	00:40		092	Bary		SpeX/MORIS
Jan. 10 Th	00:40	06:20	X	112	Dressing		SpeX
	06:20	06:50					--- inst. change
	06:50	11:50	X	034	Peralta		MIRSI Daylight Obs
	11:50	12:20	X	038	Sinclair		MIRSI Daylight Obs
	12:20	12:50					--- inst. change
	12:50	13:00					--- facility close
Jan. 10 Th	18:30	19:00					--- facility open
	19:00	23:00		029	Banzatti		iSHELL
	23:00	06:20	X	072	McKay		iSHELL
Jan. 11 Fr	06:20	06:50					--- inst. change
	06:50	11:50	X	034	Peralta		MIRSI Daylight Obs
	11:50	12:20	X	038	Sinclair		MIRSI Daylight Obs
	12:20	12:50					--- inst. change
	12:50	13:00					--- facility close
Jan. 11 Fr	18:30	19:00					--- facility open
	19:00	23:00		029	Banzatti		iSHELL
	23:00	06:20	X	072	McKay		iSHELL
Jan. 12 Sa	06:20	06:50					--- inst. change
	06:50	11:50	X	034	Peralta		MIRSI Daylight Obs
	11:50	12:20	X	038	Sinclair		MIRSI Daylight Obs
	12:20	12:50					--- inst. change
	12:50	13:00					--- facility close
Jan. 12 Sa	18:30	19:00					--- facility open
	19:00	23:00		029	Banzatti		iSHELL

	23:00	06:20	X	072	McKay	iSHELL	
Jan. 13 Su	06:20	06:50			--- inst. change		
	06:50	11:50	X	034	Peralta	MIRSI	Daylight Obs
	11:50	12:20	X	038	Sinclair	MIRSI	Daylight Obs
	12:20	12:50			--- inst. change		
	12:50	13:00			--- facility close		
Jan. 13 Su	18:30	19:00			--- facility open		
	19:00	22:00	X	106	Flores	iSHELL	
	22:00	22:30			--- inst. change		
	22:30	04:30	X	012	McGraw	SpeX/MORIS	
Jan. 14 Mo	04:30	06:20	X	128	Liu	SpeX	
	06:20	06:50			--- inst. change		
	06:50	11:50	X	034	Peralta	MIRSI	Daylight Obs
	11:50	12:20	X	038	Sinclair	MIRSI	Daylight Obs
	12:20	12:50			--- inst. change		
	12:50	13:00			--- facility close		
Jan. 14 Mo	18:30	19:00			--- facility open		
	19:00	00:40	X	099	Johns-Krull	iSHELL	
Jan. 15 Tu	00:40	06:20	X	056	Burgasser	iSHELL	
	06:20	06:50			--- inst. change		
	06:50	11:50	X	034	Peralta	MIRSI	Daylight Obs
	11:50	12:20	X	038	Sinclair	MIRSI	Daylight Obs
	12:20	12:50			--- inst. change		
	12:50	13:00			--- facility close		
Jan. 15 Tu	18:30	19:00			--- facility open		
	19:00	00:40	X	099	Johns-Krull	iSHELL	
Jan. 16 We	00:40	06:20	X	062	Miles Paez	iSHELL	
	06:20	06:50			--- inst. change		
	06:50	11:50	X	013	Orton	MIRSI	Daylight Obs, First Night
	11:50	12:20	X	038	Sinclair	MIRSI	Daylight Obs
	12:20	12:50			--- inst. change		
	12:50	13:00			--- facility close		
Jan. 16 We	18:30	19:00			--- facility open		
	19:00	00:40	X	099	Johns-Krull	iSHELL	
Jan. 17 Th	00:40	06:20	X	062	Miles Paez	iSHELL	
	06:20	06:50			--- inst. change		
	06:50	11:50	X	013	Orton	MIRSI	Daylight Obs
	11:50	12:20	X	038	Sinclair	MIRSI	Daylight Obs
	12:20	12:50			--- inst. change		
	12:50	13:00			--- facility close		
Jan. 17 Th	18:30	19:00			--- facility open		
	19:00	23:00	X	080	Lucey	SpeX	

	23:00	02:00	X	102	Howell	SpeX
Jan. 18 Fr	02:00	06:20	X	016	Arredondo	SpeX/MORIS
	06:20	06:30			--- facility close	
Jan. 18 Fr	18:30	19:00			--- facility open	
	19:00	23:00	X	080	Lucey	SpeX
	23:00	23:30			--- inst. change	
	23:30	06:20	X	022	Newton	iSHELL
Jan. 19 Sa	06:20	06:30			--- facility close	
Jan. 19 Sa	18:30	19:00			--- facility open	
	19:00	19:30			--- inst. change	
	19:30	23:59	X	080	Lucey	SpeX
	23:59	03:20		999	Engineering	TBD
Jan. 20 Su	03:20	06:20	X	022	Newton	iSHELL
	06:20	06:30			--- facility close	
Jan. 20 Su	18:30	19:00			--- facility open	
	19:00	19:30			--- inst. change	
	19:30	23:59	X	080	Lucey	SpeX
	23:59	06:20	X	036	Gartrelle	SpeX/MORIS
Jan. 21 Mo	06:20	06:30			--- facility close	
Jan. 21 Mo	18:30	19:00			--- facility open	
	19:00	19:30			--- inst. change	
	19:30	00:40	X	099	Johns-Krull	iSHELL
Jan. 22 Tu	00:40	01:10			--- inst. change	
	01:10	06:20	X	046	Faherty	SpeX
	06:20	06:30			--- facility close	
	10:00	16:00			--- inst. change	
Jan. 22 Tu	18:30	19:00			--- facility open	
	19:00	00:40	X	099	Johns-Krull	iSHELL
Jan. 23 We	00:40	01:10			--- inst. change	
	01:10	06:20	X	046	Faherty	SpeX
	06:20	06:30			--- facility close	
	10:00	16:00			--- inst. change	
Jan. 23 We	18:30	19:00			--- facility open	
	19:00	00:40	X	099	Johns-Krull	iSHELL
Jan. 24 Th	00:40	01:10			--- inst. change	
	01:10	06:20	X	061	Takir	SpeX
	06:20	06:30			--- facility close	
	10:00	16:00			--- inst. change	
Jan. 24 Th	18:30	19:00			--- facility open	
	19:00	00:40	X	099	Johns-Krull	iSHELL
Jan. 25 Fr	00:40	01:10			--- inst. change	
	01:10	06:20	X	026	DeMeo	SpeX/MORIS

	06:20	06:30				---	facility close
Jan. 25 Fr	18:30	19:00				---	facility open
	19:00	06:20	X	005	Zheng		SpeX
Jan. 26 Sa	06:20	06:30				---	facility close
Jan. 26 Sa	18:30	19:00				---	facility open
	19:00	19:30				---	inst. change
	19:30	23:30	X	111	Boogert		iSHELL
	23:30	06:20	X	022	Newton		iSHELL
Jan. 27 Su	06:20	06:30				---	facility close
Jan. 27 Su	18:30	19:00				---	facility open
	19:00	19:30				---	inst. change
	19:30	02:50	X	026	DeMeo		SpeX/MORIS
Jan. 28 Mo	02:50	03:20				---	inst. change
	03:20	06:20	X	022	Newton		iSHELL
	06:20	06:30				---	facility close
	10:00	16:00				---	inst. change
Jan. 28 Mo	18:30	19:00				---	facility open
	19:00	00:40	X	101	Holler		SpeX/MORIS
Jan. 29 Tu	00:40	06:20	X	068	Burgasser		SpeX
	06:20	06:30				---	facility close
Jan. 29 Tu	18:30	19:00				---	facility open
	19:00	00:40	X	101	Holler		SpeX/MORIS
Jan. 30 We	00:40	06:20	X	005	Zheng		SpeX
	06:20	06:30				---	facility close
Jan. 30 We	18:30	19:00				---	facility open
	19:00	00:40	X	101	Holler		SpeX/MORIS
Jan. 31 Th	00:40	06:20	X	005	Zheng		SpeX
	06:20	06:30				---	facility close
	10:00	16:00				---	inst. change
Jan. 31 Th	18:30	19:00				---	facility open
	19:00	22:00	X	110	Cale		iSHELL
	22:00	22:30				---	inst. change
	22:30	06:20	X	030	Reddy		SpeX/MORIS

Observer List**January, 2019**

- 005 Wei Zheng
- 012 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 013 Glenn Orton, Thomas Momary, James Sinclair, Rohini Giles, Leigh Fletcher, Henrik Melin, Yasumasa Kasaba, Hajime Kita, Takao Sato, Thomas Greathouse, Padma Yanamandra-Fisher, Scott Bolton, Steve Levin, Alberto Adriani, G. Randy Gladstone
- 016 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
- 022 Elisabeth Newton, Antonija Oklopčič, Andrea Dupree, Andrew Mann
- 026 Francesca DeMeo, Schelte J. Bus, Richard P. Binzel, David Polishook, Brian Burt, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
- 028 Emmanuel Marcq, Franck Lefevre, Thomas Widemann, Therese Encrenaz
- 029 Andrea Banzatti, Sean Brittain, John Rayner, Klaus Pontoppidan, Antonio Garufi, Mihkel Kama
- 030 Vishnu Reddy, Juan Sanchez, Tomoko Arai, Benjamin Sharkey
- 034 Javier Peralta, Glenn Orton, Takao Sato, Makoto Taguchi, Tetsuya Fukuhara, Eliot Young, Hideo Sagawa, Toru Kouyama, Yeon Joo Lee, Ricardo Hueso, Agustin Sanchez-Lavega, Kevin McGouldrick, Pedro Machado, Thomas Widemann, Takeshi Imamura, Takehiko Satoh, Masato Nakamura
- 036 Gordon Gartrelle, Paul Hardersen, Matthew Izawa, Matt Nowinski
- 038 James Sinclair, Glenn Orton, Padma Yanamandre-Fisher, Leigh Fletcher, Rohini Giles, Fachreddin Tabataba-Vakili, Chihiro Tao
- 046 Jackie Faherty, Marc Kuchner, Jonathan Gagne, Adam Schneider, Aaron Meisner, Daniella Bardalez Gagliuffi, Sarah Logsdon
- 051 Zachary Maas, Catherine Pilachowski, Kenneth Hinkle
- 056 Adam Burgasser, Chris Theissen, Christian Aganze, Chih-chun Hsu, Jessica Birky, Sarah Schmidt
- 061 Driss Takir, Joshua Emery
- 062 Paulo Miles Paez, Stanimir Metchev, Megan Tannock
- 068 Adam Burgasser, Chris Theissen, Daniella Bardalez Gagliuffi, Elizabeth Moreno Hilario
- 070 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nick Moskovitz
- 072 Adam McKay, Michael DiSanti, Neil Dello Russo, Boncho Bonev, Ronald Vervack, Erika Gibb, Nathan Roth
- 079 Sean Brittain, Joan Najita, John Carr, Stanley Jensen
- 080 Paul Lucey, Heather Kaluna, Casey Honniball
- 083 Michael Connelley, Christian Flores
- 090 Michael J. Mumma, Sara Faggi, Geronimo Villanueva, Lucas Paganini, Manuela Lippi
- 092 Jeff Bary, Michael Petersen, Benjamin Tofflemire, Kim Ward-Duong
- 099 Christopher Johns-Krull, Joe Llama, Lisa Prato, Larissa Nofi, Dan Jaffe
- 101 Bryan Holler, Leslie Young, Silvia Protopapa, Bobby Bus
- 102 Ellen Howell, Ronald Vervack, Yan Fernandez, Jenna Crowell, Mary Hinkle, Sean Marshall
- 106 Christian Flores, Michael Connelley, Bo Reipurth
- 110 Bryson Cale, Peter Plavchan, Andrew Mann, Eric Gaidos, Elisabeth Newton, Aaron Rizzuto
- 111 Adwin Boogert
- 112 Courtney Dressing, Joshua Schlieder, Kevin Hardegree-Ullman, Andrew Vanderburg, Elisabeth Newton
- 128 Michael Liu, Michael Lines, William Best, Mark Marley
- 132 Silvia Protopapa, Michael S. P. Kelley, Bin Yang, Charles E. Woodward, Boncho Bonev

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Feb. 1 Fr	06:20	06:30					--- facility close

Observer List

February, 2019

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 Imai Namahoe, the IRTF Observatory Manager.

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