

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Feb. 1 We	18:30 19:00			---	facility open		
	19:00 20:00		X	069 Su	SpeX	MSC	
	20:00 04:55		X	027 Avdellidou	SpeX/MORIS	MSC	
Feb. 2 Th	04:55 06:20		X	040 Willner	SpeX/MORIS	MSC	
	06:20 06:30			---	facility close		
Feb. 2 Th	18:30 19:00			---	facility open		
	19:00 01:30		X	067 Vervack	SpeX	ACB	
Feb. 3 Fr	01:30 05:00			999 Engineering	SpeX	ACB	
	05:00 06:20			999 Engineering	SpeX/MORIS	ACB	
	06:20 06:30			---	facility close		
Feb. 3 Fr	18:30 19:00			---	facility open		
	19:00 21:00		X	029 Narang	SpeX	ACB	First Night
	21:00 03:00		X	066 Tatsumi	SpeX	MSC	First Night
Feb. 4 Sa	03:00 06:20		X	988 Humes	SpeX/MORIS	MSC	
	06:20 06:30			---	facility close		
Feb. 4 Sa	18:30 19:00			---	facility open		
	19:00 03:00		X	052 Geem	SpeX	SJB	First Night
Feb. 5 Su	03:00 06:20		X	988 Humes	SpeX/MORIS	MSC	
	06:20 06:30			---	facility close		
Feb. 5 Su	18:30 19:00			---	facility open		
	19:00 03:00		X	052 Geem	SpeX	SJB	
Feb. 6 Mo	03:00 06:20		X	978 Protopapa	SpeX/MORIS	SJB	
	06:20 06:30			---	facility close		
	10:00 16:00			---	inst. change		
Feb. 6 Mo	16:30 17:00			---	facility open		
	17:00 19:00		X	061 Roth	iSHELL	SJB	Daylight Obs
	19:00 01:00		X	061 Roth	iSHELL	SJB	
Feb. 7 Tu	01:00 01:30			---	inst. change		
	01:30 04:30		X	977 Lopez-Oquendo	MIRSI/MOC	MSC	
	04:30 05:00			---	inst. change		
	05:00 06:20		X	040 Willner	SpeX/MORIS	MSC	
	06:20 06:30			---	facility close		
	10:00 16:00			---	inst. change		
Feb. 7 Tu	16:30 17:00			---	facility open		
	17:00 19:00		X	061 Roth	iSHELL	SJB	Daylight Obs
	19:00 01:00		X	061 Roth	iSHELL	SJB	
Feb. 8 We	01:00 01:30			---	inst. change		
	01:30 05:00		X	979 Theissen	SpeX	ACB	
	05:00 06:20		X	040 Willner	SpeX/MORIS	MSC	
	06:20 06:30			---	facility close		
	10:00 16:00			---	inst. change		
Feb. 8 We	16:30 17:00			---	facility open		

	17:00	19:00	X	061	Roth	iSHELL	SJB	Daylight Obs
	19:00	01:00	X	061	Roth	iSHELL	SJB	
Feb. 9 Th	01:00	01:30			---	inst. change		
	01:30	06:30	X	978	Protopapa	SpeX/MORIS	SJB	
	06:30	07:00			---	inst. change		
	07:00	10:00	X	065	Saki	iSHELL	ACB	Daylight Obs
	10:00	10:30			---	inst. change		
	10:30	13:30	X	995	Ye	MIRSI/MOC	MSC	Daylight Obs
	13:30	14:00			---	inst. change		
	14:00	14:10			---	facility close		
Feb. 9 Th	18:30	19:00			---	facility open		
	19:00	20:00	X	069	Su	SpeX	MSC	
	20:00	21:30	X	035	Kospal	SpeX	MSC	
	21:30	03:30	X	066	Tatsumi	SpeX	MSC	
Feb. 10 Fr	03:30	06:30	X	988	Humes	SpeX/MORIS	MSC	
	06:30	07:00			---	inst. change		
	07:00	10:00	X	065	Saki	iSHELL	ACB	Daylight Obs
	10:00	10:30			---	inst. change		
	10:30	10:40			---	facility close		
Feb. 10 Fr	18:30	19:00			---	facility open		
	19:00	20:00	X	069	Su	SpeX	MSC	
	20:00	00:30	X	034	Suarez	SpeX	ACB	
Feb. 11 Sa	00:30	06:30	X	012	Rackham	SpeX	ACB	
	06:30	07:00			---	inst. change		
	07:00	10:00	X	065	Saki	iSHELL	ACB	Daylight Obs
	10:00	10:30			---	inst. change		
	10:30	13:30	X	982	Ye	MIRSI	MSC	Daylight Obs
	13:30	14:00			---	inst. change		
	14:00	14:10			---	facility close		
Feb. 11 Sa	18:30	19:00			---	facility open		
	19:00	22:00	X	039	Banzatti	iSHELL	ACB	
	22:00	22:30			---	inst. change		
	22:30	04:45	X	055	Thomas	SpeX/MORIS	SJB	
Feb. 12 Su	04:45	06:20	X	040	Willner	SpeX/MORIS	MSC	
	06:20	06:50			---	inst. change		
	06:50	11:00	X	065	Saki	iSHELL	ACB	Daylight Obs
	11:00	11:30			---	inst. change		
	11:30	11:40			---	facility close		
Feb. 12 Su	18:00	18:30			---	facility open		
	18:30	00:30	X	067	Vervack	SpeX	ACB	
Feb. 13 Mo	00:30	05:50	X	055	Thomas	SpeX/MORIS	SJB	
	05:50	06:00			---	facility close		

	10:00	16:00					---	inst. change	
Feb. 13 Mo	18:30	19:00					---	facility open	
	19:00	22:00	X	039	Banzatti	iSHELL		ACB	
	22:00	22:30					---	inst. change	
	22:30	06:20	X	059	Tinyanont	SpeX/MORIS		ACB	
Feb. 14 Tu	06:20	06:30					---	facility close	
	10:00	16:00					---	inst. change	
Feb. 14 Tu	18:30	19:00					---	facility open	
	19:00	22:05	X	039	Banzatti	iSHELL		ACB	
	22:05	22:35					---	inst. change	
	22:35	06:20	X	060	Hinkle	SpeX/MORIS		MSC	
Feb. 15 We	06:20	06:30					---	facility close	
Feb. 15 We	18:30	19:00					---	facility open	
	19:00	20:00	X	069	Su	SpeX		MSC	
	20:00	02:00	X	066	Tatsumi	SpeX		MSC	
Feb. 16 Th	02:00	06:20	X	032	Takir	SpeX/MORIS		SJB	
	06:20	06:30					---	facility close	
Feb. 16 Th	17:00	17:30					---	facility open	
	17:30	19:00	X	058	Pettine	SpeX		MSC	Io eclipse, First Night
	19:00	20:00	X	069	Su	SpeX		MSC	
	20:00	04:50	X	017	Bolin	SpeX/MORIS		SJB	
Feb. 17 Fr	04:50	05:00					---	facility close	
Feb. 17 Fr	14:00	14:30					---	facility open	
	14:30	15:00					---	inst. change	
	15:00	19:00	X	061	Roth	iSHELL		SJB	Daylight Obs
	19:00	23:00	X	061	Roth	iSHELL		SJB	
	23:00	23:30					---	inst. change	
	23:30	01:40	X	027	Avdellidou	SpeX/MORIS		SJB	
Feb. 18 Sa	06:20	06:30					---	facility close	
Feb. 18 Sa	14:00	14:30					---	facility open	
	14:30	15:00					---	inst. change	
	15:00	19:00	X	061	Roth	iSHELL		SJB	Daylight Obs
	19:00	23:00	X	061	Roth	iSHELL		SJB	
	23:00	00:30		999	Engineering	TBD		ACB	
Feb. 19 Su	00:30	01:00					---	inst. change	
	01:00	03:00	X	072	Lopez-Oquendo	MIRSI/MOC		MSC	
	06:20	06:30					---	facility close	
Feb. 19 Su	14:00	14:30					---	facility open	
	14:30	15:00					---	inst. change	
	15:00	19:00	X	061	Roth	iSHELL		SJB	Daylight Obs
	19:00	22:55	X	061	Roth	iSHELL		SJB	
	22:55	23:25					---	inst. change	

	23:25	06:20	X	006	Reddy	SpeX/MORIS	SJB	
Feb. 20 Mo	06:20	06:30			---	facility close		
Feb. 20 Mo	18:30	19:00			---	facility open		
	19:00	23:00	X	034	Suarez	SpeX	ACB	
	23:00	06:20	X	028	Kaluna	SpeX/MORIS	SJB	
Feb. 21 Tu	06:20	06:30			---	facility close		
Feb. 21 Tu	18:30	19:00			---	facility open		
	19:00	00:05	X	014	Howell	SpeX	SJB	
Feb. 22 We	00:05	03:05	X	006	Reddy	SpeX/MORIS	SJB	
	03:05	06:20	X	028	Kaluna	SpeX/MORIS	SJB	
	06:20	06:30			---	facility close		
	10:00	16:00			---	inst. change		
Feb. 22 We	18:30	19:00			---	facility open		
	19:00	22:00	X	994	Moore	iSHELL	SJB	
	22:00	22:30			---	inst. change		
	22:30	06:20	X	055	Thomas	SpeX/MORIS	SJB	
Feb. 23 Th	06:20	06:30			---	facility close		
	10:00	16:00			---	inst. change		
Feb. 23 Th	18:30	19:00			---	facility open		
	19:00	22:00	X	994	Moore	iSHELL	SJB	
	22:00	22:30			---	inst. change		
	22:30	06:20	X	054	Rothermich	SpeX	MSC	
Feb. 24 Fr	06:20	06:30			---	facility close		
	10:00	16:00			---	inst. change		
Feb. 24 Fr	14:30	15:00			---	facility open		
	15:00	19:00	X	061	Roth	iSHELL	SJB	Daylight Obs
	19:00	22:30	X	080	Boogert	iSHELL	ACB	
	22:30	23:00			---	inst. change		
	23:00	06:20	X	054	Rothermich	SpeX	MSC	
Feb. 25 Sa	06:20	06:30			---	facility close		
Feb. 25 Sa	18:30	19:00			---	facility open		
	19:00	22:00	X	037	Tyagi	SpeX	SJB	First Night
	22:00	06:20		018	Bolin	SpeX/MORIS	SJB	
Feb. 26 Su	06:20	06:30			---	facility close		
Feb. 26 Su	14:00	14:30			---	facility open		
	14:30	15:00			---	inst. change		
	15:00	18:30	X	061	Roth	iSHELL	SJB	Daylight Obs
	18:30	19:00			---	inst. change		
	19:00	21:30	X	037	Tyagi	SpeX	SJB	
	21:30	00:30	X	014	Howell	SpeX	SJB	
Feb. 27 Mo	00:30	06:20		018	Bolin	SpeX/MORIS	SJB	
	06:20	06:30			---	facility close		

Feb. 27 Mo	06:30	07:00				---	facility open		
	07:00	07:30				---	inst. change		
	07:30	11:55	X	995	Ye		MIRSI/MOC	MSC	Daylight Obs
	11:55	18:25	X	063	Orton		MIRSI/MOC	MSC	Daylight Obs
	18:25	18:55				---	inst. change		
	18:55	22:30		080	Boogert		iSHELL	ACB	
	22:30	23:00				---	inst. change		
	23:00	01:30	X	072	Lopez-Oquendo		MIRSI/MOC	MSC	
Feb. 28 Tu	01:30	02:00				---	inst. change		
	02:00	02:45	X	040	Willner		SpeX/MORIS	MSC	
	02:45	06:20	X	955	Lee		SpeX	MSC	
	06:20	06:30				---	facility close		
Feb. 28 Tu	06:30	07:00				---	facility open		
	07:00	07:30				---	inst. change		
	07:30	11:55	X	995	Ye		MIRSI/MOC	MSC	Daylight Obs
	11:55	18:25	X	063	Orton		MIRSI/MOC	MSC	Daylight Obs
	18:25	18:55				---	inst. change		
	18:55	22:55		074	Boogert		iSHELL	ACB	
	22:55	23:25				---	inst. change		
	23:25	06:20		999	Engineering		TBD	ACB	

**Observer List****February, 2023**

- 006 Vishnu Reddy, Juan Sanchez, David Cantillo, Adam Battle, Ben Sharkey  
012 Benjamin Rackham, Adam Burgasser  
014 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers  
017 Bryce Bolin, Chrysa Avdellidou, Marco Delbo, Alessandro Morbidelli, Keith Noll  
018 Bryce Bolin, Chrysa Avdellidou, Marco Delbo, Alessandro Morbidelli, Keith Noll  
027 Chrysa Avdellidou, Marco Delbo, Kevin Walsh, Pierre Vernazza, Michael Marsset, Marjorie Galinier  
028 Heather Kaluna, Vishnu Reddy, Robert Jedicke, David Cantillo, Adam Battle, Ben Sharkey, Juan Sanchez  
029 Mayank Narang, Manoj Puravankara, Himanshu Tyagi, Bihan Banerjee, Prasanta Nayak, Arun Surya  
032 Driss Takir, Joshua Emery  
034 Genaro Suarez, Stanimir Metchev, Juan J. Downes, Carlos G. Roman-Zuniga, Jacqueline K. Faherty  
035 Agnes Kospal, Peter Abraham, Fernando Cruz-Saenz de Miera, Agnes Kospal, Peter Abraham, Fernando Cruz-Saenz de Miera  
037 Himanshu Tyagi, Mayank Narang, Manoj Puravankara, Bihan Banerjee, Prasanta Nayak, Arun Surya  
039 Andrea Banzatti, Kirsten Abernathy, Sean Brittain, Ro Siegler, Adwin Boogert  
040 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Hope Boyce, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith  
052 Jooyeon Geem  
054 Austin Rothermich, Jackie Faherty, Emily Calamari, Les Hamlet, Marc Kuchner, Adam Schneider, Aaron Meisner, Davy Kirkpatrick  
055 Cristina Thomas, Schelte Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz  
058 Madeline Pettine, Julie Rathbun, Alex Hayes  
059 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Kirsty Taggart, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano  
060 Jason Hinkle, Benjamin Shappee, Anna Payne  
061 Nathan Roth, Neil Dello Russo, Ron Vervack, Michael DiSanti, Boncho Bonev, Stefanie Milam, Erika Gibb, Mohammad Saki, Younas Khan, Chemed Ejeta, Adam McKay, Hideyo Kawakita  
063 Glenn Orton, Joseph Hora, James Sinclair, Emma Dahl, Shawn Brueshaber, Thomas Momary, Leigh Fletcher, Arrate Antunano, Henrik Melin, Rohini Giles, Thomas Greathouse  
065 Mohammad Saki, Erika Gibb, Boncho Bonev, Michael DiSanti, Neil Dello Russo, Ron Vervack, Dennis Bodewits, Younas Khan, Chemed Ejeta, Nathan Roth, Adam McKay, Hideyo Kawakita, Bebi Muskan Rai.  
066 Eri Tatsumi, Marcel Popescu, Javier Licandro, Julia de Leon  
067 Ron Vervack, Neil Dello Russo, Boncho Bonev, Mike DiSanti, Erika Gibb, Nathan Roth, Hideyo Kawakita, Adam McKay, Mohammad Saki, Younas Khan, Chemed Ejeta, Nicolas Biver  
069 Kate Su, Attila Moor, Mike Sitko, George Rieke  
072 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith, Nick Moskovitz  
074 Adwin Boogert, Andrew Barr, Curtis deWitt, Jialu Li, Xander Tielens  
080 Adwin Boogert, Federica Chiti

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Mar. 1 We	06:20	06:30					--- facility close
Mar. 1 We	11:25	11:55					--- facility open
	11:55	18:25	X	064 Dahl	SpeX	SJB	Daylight Obs
	18:25	21:25	X	037 Tyagi	SpeX	SJB	
	21:25	04:50	X	054 Rothermich	SpeX	MSC	
Mar. 2 Th	04:50	06:20	X	011 Landt	SpeX	MSC	
	06:20	06:30					--- facility close
Mar. 2 Th	11:25	11:55					--- facility open
	11:55	18:25	X	064 Dahl	SpeX	SJB	Daylight Obs
	18:25	22:25	X	083 Rahatgaonkar	SpeX	ACB	First Night
	22:25	06:20	X	978 Protopapa	SpeX/MORIS	SJB	
Mar. 3 Fr	06:20	06:30					--- facility close
Mar. 3 Fr	18:30	19:00					--- facility open
	19:00	21:00	X	041 Bhattacharyya	SpeX	SJB	First Night
	21:00	04:00	X	014 Howell	SpeX	SJB	
Mar. 4 Sa	04:00	06:20	X	961 Howell	SpeX	ACB	
	06:20	06:30					--- facility close
Mar. 4 Sa	18:30	19:00					--- facility open
	19:00	22:00	X	083 Rahatgaonkar	SpeX	ACB	
	22:00	06:20		999 Engineering	TBD	ACB	
Mar. 5 Su	06:20	06:30					--- facility close
Mar. 5 Su	18:30	19:00					--- facility open
	19:00	22:00	X	084 Banerjee	SpeX	SJB	First Night
	22:00	01:30	X	990 Emery	SpeX/MORIS	ACB	
Mar. 6 Mo	01:30	02:00					--- inst. change
	02:00	06:20	X	072 Lopez-Oquendo	MIRSI/MOC	MSC	
	06:20	06:30					--- facility close
	10:00	16:00					--- inst. change
Mar. 6 Mo	18:30	19:00					--- facility open
	19:00	20:00	X	069 Su	SpeX	SJB	
	20:00	23:35	X	041 Bhattacharyya	SpeX	SJB	
	23:35	00:20	X	040 Willner	SpeX/MORIS	MSC	
Mar. 7 Tu	00:20	01:50	X	964 Emerson	SpeX	ACB	
	01:50	04:20		999 Engineering	SpeX	ACB	
	04:20	06:20	X	976 Abraham	SpeX	ACB	
	06:20	06:30					--- facility close
Mar. 7 Tu	18:30	19:00					--- facility open
	19:00	22:00	X	084 Banerjee	SpeX	SJB	
	22:00	06:20	X	079 Shahbandeh	SpeX/MORIS	MSC	
Mar. 8 We	06:20	06:30					--- facility close
Mar. 8 We	18:30	19:00					--- facility open
	19:00	22:00	X	084 Banerjee	SpeX	SJB	

MARCH 2023 IRTF TELESCOPE SCHEDULE

last revised on 07/10/2023

	22:00	00:05	X	973	Avdellidou	SpeX/MORIS	SJB
Mar. 9 Th	00:05	06:20	X	948	Rackham	SpeX	ACB
	06:20	06:30			--- facility close		
Mar. 9 Th	18:30	19:00			--- facility open		
	19:00	22:00	X	010	Ashby	SpeX	ACB
	22:00	06:20	X	057	Theissen	SpeX	ACB
Mar. 10 Fr	06:20	06:30			--- facility close		
Mar. 10 Fr	18:30	19:00			--- facility open		
	19:00	22:00	X	010	Ashby	SpeX	ACB
	22:00	00:30	X	958	Kareta	SpeX/MORIS	MSC
Mar. 11 Sa	00:30	01:00			--- inst. change		
	01:00	05:50	X	965	Donaldson	MIRSI/MOC	MSC
	05:50	06:20			--- inst. change		
	06:20	06:30			--- facility close		
Mar. 11 Sa	18:30	19:00			--- facility open		
	19:00	22:00	X	010	Ashby	SpeX	ACB
	22:00	00:20	X	991	Luhman	SpeX	ACB
Mar. 12 Su	00:20	06:20	X	012	Rackham	SpeX	ACB
	06:20	06:30			--- facility close		
Mar. 12 Su	18:30	19:00			--- facility open		
	19:00	22:00	X	010	Ashby	SpeX	ACB
	22:00	01:50		999	Engineering	SpeX	MSC Opihi
Mar. 13 Mo	01:50	02:20			--- inst. change		
	02:20	06:20	X	947	Rebollido	iSHELL	MSC
	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Mar. 13 Mo	18:30	19:00			--- facility open		
	19:00	22:30	X	056	Lykou	SpeX	MSC First Night
	22:30	02:30	X	032	Takir	SpeX/MORIS	SJB
Mar. 14 Tu	02:30	03:00			--- inst. change		
	03:00	06:20	X	985	Williams	iSHELL	ACB
	06:20	06:30			--- facility close		
Mar. 14 Tu	18:30	19:00			--- facility open		
	19:00	04:00	X	046	Sonnett	SpeX	SJB
Mar. 15 We	04:00	06:20	X	011	Landt	SpeX	MSC
	06:20	06:30			--- facility close		
Mar. 15 We	11:35	12:05			--- facility open		
	12:05	12:35			--- inst. change		
	12:35	16:05		999	Engineering	TEXES	ACB Daylight Obs
	16:05	19:05	X	009	Encrenaz	TEXES	ACB Daylight Obs
	19:05	21:35	X	013	Nickerson	TEXES	ACB
	21:35	22:05			--- inst. change		



	22:05	06:20	X	004	Glikman	SpeX/MORIS	MSC	
Mar. 16 Th	06:20	06:30			---	facility close		
Mar. 16 Th	09:35	10:05			---	facility open		
	10:05	10:35			---	inst. change		
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	20:05	X	026	Fuchs	TEXES	ACB	
	20:05	20:35			---	inst. change		
	20:35	06:20	X	004	Glikman	SpeX/MORIS	MSC	
Mar. 17 Fr	06:20	06:30			---	facility close		
Mar. 17 Fr	09:35	10:05			---	facility open		
	10:05	10:35			---	inst. change		
	10:35	18:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	18:05	20:05	X	024	Fuchs	TEXES	ACB	
	20:05	20:35			---	inst. change		
	20:35	23:35	X	014	Howell	SpeX	SJB	
	23:35	00:20	X	040	Willner	SpeX/MORIS	MSC	
Mar. 18 Sa	00:20	06:20	X	004	Glikman	SpeX/MORIS	MSC	
	06:20	06:30			---	facility close		
Mar. 18 Sa	09:35	10:05			---	facility open		
	10:05	10:35			---	inst. change		
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35			---	inst. change		
	19:35	21:35	X	072	Lopez-Oquendo	MIRSI/MOC	MSC	
	21:35	22:05			---	inst. change		
	22:05	06:20	X	004	Glikman	SpeX/MORIS	MSC	
Mar. 19 Su	06:20	06:30			---	facility close		
Mar. 19 Su	09:35	10:05			---	facility open		
	10:05	10:35			---	inst. change		
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35			---	inst. change		
	19:35	04:35	X	046	Sonnett	SpeX	SJB	
Mar. 20 Mo	04:35	06:20	X	075	Chen	SpeX	MSC	First Night
	06:20	06:30			---	facility close		
Mar. 20 Mo	09:35	10:05			---	facility open		
	10:05	10:35			---	inst. change		
	10:35	14:35	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	14:35	19:05	X	008	Giles	TEXES	ACB	Daylight Obs
	19:05	19:35			---	inst. change		
	19:35	03:00	X	006	Reddy	SpeX/MORIS	SJB	
Mar. 21 Tu	03:00	04:30	X	069	Su	SpeX	MSC	
	04:30	05:00			---	inst. change		
	05:00	06:20	X	024	Fuchs	TEXES	ACB	

	06:20	06:30					--- facility close
	10:00	16:00					--- inst. change
Mar. 21 Tu	18:30	19:00					--- facility open
	19:00	22:00	X	993	Hermes	SpeX	ACB
	22:00	06:20	X	055	Thomas	SpeX/MORIS	SJB
Mar. 22 We	06:20	06:30					--- facility close
	10:00	16:00					--- inst. change
Mar. 22 We	18:30	19:00					--- facility open
	19:00	23:00		045	Brady	iSHELL	SJB
	23:00	23:30					--- inst. change
	23:30	02:30	X	006	Reddy	SpeX/MORIS	SJB
Mar. 23 Th	02:30	03:00					--- inst. change
	03:00	06:20	X	039	Banzatti	iSHELL	ACB
	06:20	06:30					--- facility close
	10:00	16:00					--- inst. change
Mar. 23 Th	18:30	19:00					--- facility open
	19:00	02:30	X	028	Kaluna	SpeX/MORIS	SJB
Mar. 24 Fr	02:30	03:00					--- inst. change
	03:00	06:20	X	039	Banzatti	iSHELL	ACB
	06:20	06:30					--- facility close
	10:00	16:00					--- inst. change
Mar. 24 Fr	18:30	19:00					--- facility open
	19:00	19:30	X	072	Lopez-Oquendo	MIRSI/MOC	MSC
	19:30	20:00					--- inst. change
	20:00	22:00	X	055	Thomas	SpeX/MORIS	SJB
	22:00	00:05	X	935	Reddy	SpeX/MORIS	SJB
Mar. 25 Sa	00:05	02:30	X	079	Shahbandeh	SpeX/MORIS	MSC
	02:30	03:00					--- inst. change
	03:00	06:20	X	039	Banzatti	iSHELL	ACB
	06:20	06:30					--- facility close
Mar. 25 Sa	18:30	19:00					--- facility open
	19:00	19:30					--- inst. change
	19:30	00:35	X	060	Hinkle	SpeX/MORIS	MSC
Mar. 26 Su	00:35	01:05					--- inst. change
	01:05	05:50	X	985	Williams	iSHELL	ACB
	05:50	06:20					--- inst. change
	06:20	06:30					--- facility close
Mar. 26 Su	18:30	19:00					--- facility open
	19:00	23:00	X	057	Theissen	SpeX	ACB
	23:00	03:00	X	079	Shahbandeh	SpeX/MORIS	MSC
Mar. 27 Mo	03:00	06:20	X	990	Emery	SpeX/MORIS	ACB
	06:20	06:30					--- facility close

Mar. 27 Mo	18:30	19:00				--- facility open	
	19:00	06:20	X	004	Glikman	SpeX/MORIS	MSC
Mar. 28 Tu	06:20	06:30				--- facility close	
Mar. 28 Tu	18:30	19:00				--- facility open	
	19:00	00:05	X	004	Glikman	SpeX/MORIS	MSC
Mar. 29 We	00:05	00:50	X	040	Willner	SpeX/MORIS	MSC
	00:50	01:20				--- inst. change	
	01:20	06:20	X	985	Williams	iSHELL	ACB
	06:20	06:30				--- facility close	
	10:00	16:00				--- inst. change	
Mar. 29 We	18:30	19:00				--- facility open	
	19:00	21:30	X	984	Stringfellow	SpeX	MSC
	21:30	01:30	X	961	Howell	SpeX	ACB
Mar. 30 Th	01:30	02:00				--- inst. change	
	02:00	06:20	X	972	Banzatti	iSHELL	ACB
	06:20	06:30				--- facility close	
Mar. 30 Th	18:30	19:00				--- facility open	
	19:00	21:00	X	967	Dewitt	iSHELL	ACB
	21:00	00:50		999	Engineering	TBD	ACB Opihi
Mar. 31 Fr	00:50	01:20				--- inst. change	
	01:20	06:20	X	043	Williams	iSHELL	ACB
	06:20	06:30				--- facility close	
Mar. 31 Fr	18:30	19:00				--- facility open	
	19:00	06:20		059	Tinyanont	SpeX/MORIS	ACB

**Observer List****March, 2023**

- 004 Eilat Glikman, Mark Lacy, Stephanie LaMassa, C. Meg Urry, S. George Djorgovski  
006 Vishnu Reddy, Juan Sanchez, David Cantillo, Adam Battle, Ben Sharkey  
008 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Amanda Brecht, Kandis Lea Jessup  
009 Therese Encrenaz, Thomas Greathouse, Rohini Giles, Thomas Widemann, Bruno Bezar, Wencheng Shao, Thierry Fouchet  
010 Matthew Ashby, Joseph Hora, Ho-Gyu Lee, Jaeyeong Kim, Sung-Yong Yoon  
011 Hermine Landt, Dakshesh Kololgi, David Sanmartin, Alexandre Roman Lopes  
012 Benjamin Rackham, Adam Burgasser  
013 Sarah Nickerson, Naseem Rangwala, Sean Colgan, Curtis DeWitt, Tommy Greathouse  
014 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers  
024 Guido W. Fuchs, Eileen Doering, David Gobrecht, Thomas K. Greathouse, Rohini S. Giles, Thomas F. Giesen, Leen Decin, John H. Lacy  
026 Guido W. Fuchs, Eileen Doering, Thomas K. Greathouse, Rohini S. Giles, John H. Lacy, Thomas F. Giesen  
028 Heather Kaluna, Vishnu Reddy, Robert Jedicke, David Cantillo, Adam Battle, Ben Sharkey, Juan Sanchez  
032 Driss Takir, Joshua Emery  
037 Himanshu Tyagi, Mayank Narang, Manoj Puravankara, Bihan Banerjee, Prasanta Nayak, Arun Surya  
039 Andrea Banzatti, Kirsten Abernathy, Sean Brittain, Ro Siegler, Adwin Boogert  
040 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Hope Boyce, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith  
041 Suman Bhattacharyya, Blesson Mathew, Shridharan Baskaran, Gourav Banerjee, Nidhi Sabu, Belinda Damian  
043 Jonathan Williams, Alexa Anderson, Adwin Boogert  
045 Kristin Brady, Catherine Pilachowski  
046 Sarah Sonnett, Vishnu Reddy, Driss Takir  
054 Austin Rothermich, Jackie Faherty, Emily Calamari, Les Hamlet, Marc Kuchner, Adam Schneider, Aaron Meisner, Davy Kirkpatrick  
055 Cristina Thomas, Schelte Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz  
056 Foteini Lykou, Peter Abraham, Agnes Kospal, Hermine Landt-Wilman  
057 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu  
059 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Kirsty Taggart, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano  
060 Jason Hinkle, Benjamin Shappee, Anna Payne  
064 Emma Dahl, Glenn Orton, Thomas Momary, Kevin Baines, Shawn Brueshaber, James Sinclair  
069 Kate Su, Attila Moor, Mike Sitko, George Rieke  
072 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith, Nick Moskovitz  
075 Lei Chen, Agnes Kospal, Peter Abraham, Attila Moor, Foteini Lykou, Fernando Cruz-Saenz de Miera  
079 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Greg Engh, Francisco Forster, Lluís Galbany, Peter Hoefflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Nicholas Suntzeff  
083 Rohan Rahatgaonkar, Tom Megeath  
084 Bihan Banerjee, Mayank Narang, Himanshu Tyagi, Manoj Puravankara, Prashanta Nayak, Arun Surya

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Apr. 1 Sa	06:20 06:30			---	facility close		
Apr. 1 Sa	18:30 19:00			---	facility open		
	19:00 22:00		X	984	Stringfellow	SpeX	ACB
	22:00 01:50			999	Engineering	SpeX/MORIS	ACB
Apr. 2 Su	01:50 06:20		X	032	Takir	SpeX/MORIS	SJB
	06:20 06:30			---	facility close		
Apr. 2 Su	18:30 19:00			---	facility open		
	19:00 03:00			999	Engineering	TBD	ACB
Apr. 3 Mo	03:00 04:30		X	069	Su	SpeX	SJB
	04:30 06:20		X	011	Landt	SpeX	SJB
	06:20 06:30			---	facility close		
Apr. 3 Mo	18:30 19:00			---	facility open		
	19:00 21:30		X	984	Stringfellow	SpeX	ACB
	21:30 01:20			999	Engineering	TBD	ACB
Apr. 4 Tu	01:20 06:20		X	954	Lisse	SpeX	ACB
	06:20 06:30			---	facility close		
	10:00 16:00			---	inst. change		
Apr. 4 Tu	18:30 19:00			---	facility open		
	19:00 00:20		X	965	Donaldson	MIRSI/MOC	MSC
Apr. 5 We	00:20 00:50			---	inst. change		
	00:50 06:20		X	985	Williams	iSHELL	ACB
	06:20 06:30			---	facility close		
Apr. 5 We	12:30 13:00			---	facility open		
	13:00 18:00		X	047	Mumma	iSHELL	SJB Daylight Obs
	18:00 23:00		X	047	Mumma	iSHELL	SJB
	23:00 23:30			---	inst. change		
	23:30 02:00			999	Engineering	TBD	ACB
Apr. 6 Th	02:00 04:00		X	950	Megeath	SpeX	SJB
	04:00 06:20		X	963	Flores	SpeX	MSC
	06:20 06:30			---	facility close		
Apr. 6 Th	12:30 13:00			---	facility open		
	13:00 18:00		X	047	Mumma	iSHELL	SJB Daylight Obs
	18:00 23:00		X	047	Mumma	iSHELL	SJB
	23:00 23:30			---	inst. change		
	23:30 02:20			999	Engineering	TBD	ACB
Apr. 7 Fr	02:20 06:20		X	951	Lu	SpeX	SJB
	06:20 06:30			---	facility close		
Apr. 7 Fr	12:00 12:30			---	facility open		
	12:30 13:00			---	inst. change		
	13:00 18:00		X	047	Mumma	iSHELL	SJB Daylight Obs
	18:00 23:00		X	047	Mumma	iSHELL	SJB
	23:00 23:30			---	inst. change		

	23:30	00:30	X	040	Willner	SpeX/MORIS	SJB
Apr. 8 Sa	00:30	06:20	X	012	Rackham	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 8 Sa	18:30	19:00			---	facility open	
	19:00	21:30	X	984	Stringfellow	SpeX	ACB
	21:30	01:15		999	Engineering	TBD	ACB
Apr. 9 Su	01:15	01:45			---	inst. change	
	01:45	04:15	X	080	Boogert	iSHELL	ACB
	04:15	06:20	X	045	Brady	iSHELL	SJB
	06:20	06:30			---	facility close	
Apr. 9 Su	18:30	19:00			---	facility open	
	19:00	01:45		999	Engineering	TBD	ACB
Apr. 10 Mo	01:45	04:15	X	080	Boogert	iSHELL	ACB
	04:15	06:20	X	045	Brady	iSHELL	SJB
	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
Apr. 10 Mo	18:30	19:00			---	facility open	
	19:00	20:30	X	082	Protopapa	SpeX/MORIS	ACB
	20:30	00:30	X	955	Lee	SpeX	ACB
Apr. 11 Tu	00:30	01:00			---	inst. change	
	01:00	06:20	X	039	Banzatti	iSHELL	ACB
	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
Apr. 11 Tu	18:30	19:00			---	facility open	
	19:00	22:30	X	954	Lisse	SpeX	ACB
	22:30	02:30	X	032	Takir	SpeX/MORIS	SJB
Apr. 12 We	02:30	04:00	X	069	Su	SpeX	SJB
	04:00	06:20	X	963	Flores	SpeX	MSC
	06:20	06:30			---	facility close	
Apr. 12 We	18:30	19:00			---	facility open	
	19:00	04:30	X	046	Sonnett	SpeX	SJB
Apr. 13 Th	04:30	06:20		999	Engineering	TBD	ACB
	06:20	06:30			---	facility close	
Apr. 13 Th	18:30	19:00			---	facility open	
	19:00	00:30		999	Engineering	SpeX/MORIS	ACB
Apr. 14 Fr	00:30	01:00			---	inst. change	
	01:00	06:20	X	039	Banzatti	iSHELL	ACB
	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
Apr. 14 Fr	18:30	19:00			---	facility open	
	19:00	21:00	X	984	Stringfellow	SpeX	ACB
	21:00	00:30	X	999	Engineering	SpeX/MORIS	ACB

Apr. 15 Sa	00:30	01:00			---	inst. change		
	01:00	06:20	X	039	Banzatti	iSHELL	ACB	
	06:20	06:30			---	facility close		
Apr. 15 Sa	18:30	19:00			---	facility open		
	19:00	19:30			---	inst. change		
	19:30	23:25	X	072	Lopez-Oquendo	MIRSI/MOC	SJB	
	23:25	05:50		949	Melis	MIRSI/MOC	SJB	First Night
Apr. 16 Su	05:50	06:20			---	inst. change		
	06:20	06:30			---	facility close		
Apr. 16 Su	18:30	19:00			---	facility open		
	19:00	23:50	X	057	Theissen	SpeX	ACB	
	23:50	00:20			---	inst. change		
Apr. 17 Mo	00:20	06:20	X	043	Williams	iSHELL	ACB	
	06:20	06:30			---	facility close		
	10:00	16:00			---	inst. change		
Apr. 17 Mo	18:30	19:00			---	facility open		
	19:00	21:15	X	984	Stringfellow	SpeX	ACB	
	21:15	22:00	X	040	Willner	SpeX/MORIS	SJB	
	22:00	01:00	X	014	Howell	SpeX	SJB	
Apr. 18 Tu	01:00	06:20	X	079	Shahbandeh	SpeX/MORIS	SJB	
	06:20	06:30			---	facility close		
Apr. 18 Tu	18:30	19:00			---	facility open		
	19:00	04:00	X	006	Reddy	SpeX/MORIS	SJB	
Apr. 19 We	04:00	06:20	X	011	Landt	SpeX	SJB	
	06:20	06:30			---	facility close		
Apr. 19 We	18:30	19:00			---	facility open		
	19:00	04:00	X	028	Kaluna	SpeX/MORIS	SJB	
Apr. 20 Th	04:00	06:20	X	075	Chen	SpeX	MSC	
	06:20	06:30			---	facility close		
Apr. 20 Th	18:30	19:00			---	facility open		
	19:00	06:20	X	017	Bolin	SpeX/MORIS	SJB	
Apr. 21 Fr	06:20	06:30			---	facility close		
Apr. 21 Fr	18:30	19:00			---	facility open		
	19:00	06:20	X	055	Thomas	SpeX/MORIS	SJB	
Apr. 22 Sa	06:20	06:30			---	facility close		
Apr. 22 Sa	18:30	19:00			---	facility open		
	19:00	21:00	X	984	Stringfellow	SpeX	MSC	
	21:00	22:30		999	Engineering	TBD	ACB	
	22:30	00:30	X	956	Landt	SpeX	ACB	
Apr. 23 Su	00:30	01:00			---	inst. change		
	01:00	03:00	X	072	Lopez-Oquendo	MIRSI/MOC	MSC	
	03:00	03:30			---	inst. change		

	03:30	06:20	X	002	Sitko	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 23 Su	18:30	19:00			---	facility open	
	19:00	22:30		999	Engineering	TBD	ACB
	22:30	02:45	X	027	Avdellidou	SpeX/MORIS	SJB
Apr. 24 Mo	02:45	06:20	X	938	Woodward	SpeX	SJB
	06:20	06:30			---	facility close	
Apr. 24 Mo	18:30	19:00			---	facility open	
	19:00	23:00		999	Engineering	TBD	ACB
	23:00	06:20	X	070	De	SpeX	ACB
Apr. 25 Tu	06:20	06:30			---	facility close	
Apr. 25 Tu	18:30	19:00			---	facility open	
	19:00	00:20	X	945	Rodriguez-Ardila	SpeX	ACB
Apr. 26 We	00:20	06:20	X	021	Williams	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 26 We	18:30	19:00			---	facility open	
	19:00	23:35		999	Engineering	TBD	ACB
	23:35	00:20	X	040	Willner	SpeX/MORIS	MSC
Apr. 27 Th	00:20	06:20	X	021	Williams	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 27 Th	18:30	19:00			---	facility open	
	19:00	04:00	X	057	Theissen	SpeX	ACB
Apr. 28 Fr	04:00	06:20	X	005	Sitko	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 28 Fr	18:30	19:00			---	facility open	
	19:00	00:20		999	Engineering	TBD	ACB
Apr. 29 Sa	00:20	06:20	X	084	Banerjee	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 29 Sa	18:30	19:00			---	facility open	
	19:00	00:20		999	Engineering	TBD	ACB
Apr. 30 Su	00:20	06:20	X	084	Banerjee	SpeX	ACB
	06:20	06:30			---	facility close	
Apr. 30 Su	18:30	19:00			---	facility open	
	19:00	06:20		038	Rose	SpeX	ACB First Night



**Observer List****April, 2023**

- 002 Michael Sitko, Ray Russell  
005 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jozsef Varga  
006 Vishnu Reddy, Juan Sanchez, David Cantillo, Adam Battle, Ben Sharkey  
011 Hermine Landt, Dakshesh Kololgi, David Sanmartin, Alexandre Roman Lopes  
012 Benjamin Rackham, Adam Burgasser  
014 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers  
017 Bryce Bolin, Chrysa Avdellidou, Marco Delbo, Alessandro Morbidelli, Keith Noll  
021 Jonathan Williams, Leonardo Testi, Antonella Natta, Carlo Manara, Rebeca Garcia Lopez  
027 Chrysa Avdellidou, Marco Delbo, Kevin Walsh, Pierre Vernazza, Michael Marsset, Marjorie Galinier  
028 Heather Kaluna, Vishnu Reddy, Robert Jedicke, David Cantillo, Adam Battle, Ben Sharkey, Juan Sanchez  
032 Driss Takir, Joshua Emery  
038 Benjamin Rose, Bhavin Joshi, Susana Deustua, Lisa Kelsey, Erik Peterson, Dan Scolnic, Louis-Gregory Strolger, Maria Vincenzi, Phillip Wiseman  
039 Andrea Banzatti, Kirsten Abernathy, Sean Brittain, Ro Siegler, Adwin Boogert  
040 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Hope Boyce, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith  
043 Jonathan Williams, Alexa Anderson, Adwin Boogert  
045 Kristin Brady, Catherine Pilachowski  
046 Sarah Sonnett, Vishnu Reddy, Driss Takir  
047 Michael Mumma, Robert Novak  
055 Cristina Thomas, Schelte Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz  
057 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu  
069 Kate Su, Attila Moor, Mike Sitko, George Rieke  
070 Kishalay De, Morgan MacLeod, Jacob Jencson, Ryan Lau, Robert Simcoe  
072 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith, Nick Moskovitz  
075 Lei Chen, Agnes Kospal, Peter Abraham, Attila Moor, Foteini Lykou, Fernando Cruz-Saenz de Miera  
079 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Greg Engh, Francisco Forster, Lluís Galbany, Peter Hoefflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Nicholas Suntzeff  
080 Adwin Boogert, Federica Chiti  
082 Silvia Protopapa, Mike Kelley, Bin Yang  
084 Bihan Banerjee, Mayank Narang, Himanshu Tyagi, Manoj Puravankara, Prashanta Nayak, Arun Surya

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
May. 1 Mo	06:20 06:30			---	facility close		
May. 1 Mo	18:30 19:00			---	facility open		
	19:00 20:00		X	984	Stringfellow	SpeX	MSC
	20:00 00:50			999	Engineering	TBD	ACB
May. 2 Tu	00:50 02:50		X	986	Abraham	SpeX	MSC
	02:50 05:20		X	005	Sitko	SpeX	ACB
	05:20 06:20		X	077	Corlies	SpeX	MSC Service Obs.
	06:20 06:30			---	facility close		
May. 2 Tu	18:30 19:00			---	facility open		
	19:00 00:20		X	953	Lucas	SpeX	ACB
May. 3 We	00:20 06:20		X	060	Hinkle	SpeX/MORIS	MSC
	06:20 06:30			---	facility close		
May. 3 We	18:30 19:00			---	facility open		
	19:00 00:20		X	952	Lucey	SpeX	MSC
May. 4 Th	00:20 06:20		X	012	Rackham	SpeX	ACB
	06:20 06:30			---	facility close		
May. 4 Th	18:30 19:00			---	facility open		
	19:00 01:15		X	079	Shahbandeh	SpeX/MORIS	MSC
May. 5 Fr	01:15 03:50		X	943	Sickafoose	SpeX/MORIS	MSC occultation
	03:50 05:20		X	005	Sitko	SpeX	ACB
	05:20 06:20		X	077	Corlies	SpeX	MSC Service Obs.
	06:20 06:30			---	facility close		
May. 5 Fr	18:30 19:00			---	facility open		
	19:00 23:35			999	Engineering	TBD	ACB
	23:35 00:05			---	inst. change		
May. 6 Sa	00:05 06:20		X	033	Indriolo	iSHELL	ACB
	06:20 06:30			---	facility close		
May. 6 Sa	18:30 19:00			---	facility open		
	19:00 22:35			999	Engineering	TBD	ACB
	22:35 23:05			---	inst. change		
	23:05 23:50		X	040	Willner	SpeX/MORIS	MSC
	23:50 01:20		X	011	Landt	SpeX	MSC
May. 7 Su	01:20 06:20		X	007	Connelley	SpeX	MSC
	06:20 06:30			---	facility close		
May. 7 Su	18:30 19:00			---	facility open		
	19:00 00:30		X	940	Turtelboom	SpeX	MSC
May. 8 Mo	00:30 06:20		X	007	Connelley	SpeX	MSC
	06:20 06:30			---	facility close		
May. 8 Mo	18:30 19:00			---	facility open		
	19:00 21:00		X	940	Turtelboom	SpeX	MSC
	21:00 23:00		X	956	Landt	SpeX	ACB
	23:00 02:50		X	942	Sitko	SpeX	ACB

May. 9 Tu	02:50	05:20	X	005	Sitko	SpeX	ACB
	05:20	06:20	X	077	Corlies	SpeX	MSC Service Obs.
	06:20	06:30			---	facility close	
May. 9 Tu	18:30	19:00			---	facility open	
	19:00	22:50	X	953	Lucas	SpeX	ACB
	22:50	00:20	X	082	Protopapa	SpeX/MORIS	ACB
May. 10 We	00:20	06:20	X	037	Tyagi	SpeX	ACB
	06:20	06:30			---	facility close	
May. 10 We	18:30	19:00			---	facility open	
	19:00	20:00	X	040	Willner	SpeX/MORIS	MSC
	20:00	02:00	X	046	Sonnett	SpeX	MSC
May. 11 Th	02:00	06:20	X	037	Tyagi	SpeX	ACB
	06:20	06:30			---	facility close	
May. 11 Th	18:30	19:00			---	facility open	
	19:00	20:30		999	Engineering	SpeX/MORIS	ACB
	20:30	21:00			---	inst. change	
	21:00	23:00	X	962	Gaidos	iSHELL	ACB
	23:00	06:20	X	039	Banzatti	iSHELL	ACB
May. 12 Fr	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
May. 12 Fr	18:30	19:00			---	facility open	
	19:00	22:30	X	961	Howell	SpeX	ACB
	22:30	23:00			---	inst. change	
	23:00	06:20	X	039	Banzatti	iSHELL	ACB
May. 13 Sa	06:20	06:30			---	facility close	
May. 13 Sa	18:30	19:00			---	facility open	
	19:00	19:30			---	inst. change	
	19:30	22:30	X	961	Howell	SpeX	ACB
	22:30	03:00	X	032	Takir	SpeX/MORIS	ACB
May. 14 Su	03:00	05:30	X	005	Sitko	SpeX	ACB
	05:30	06:30	X	077	Corlies	SpeX	MSC Service Obs.
	06:30	07:00			---	inst. change	
	07:00	13:00	X	063	Orton	MIRSI/MOC	MSC Daylight Obs
	13:00	13:30			---	inst. change	
	13:30	13:40			---	facility close	
May. 14 Su	18:30	19:00			---	facility open	
	19:00	20:00		999	Engineering	TBD	ACB
	20:00	22:00	X	956	Landt	SpeX	ACB
	22:00	04:00	X	946	Reddy	SpeX/MORIS	ACB
May. 15 Mo	04:00	06:30	X	942	Sitko	SpeX	ACB
	06:30	07:00			---	inst. change	
	07:00	13:00	X	063	Orton	MIRSI/MOC	MSC Daylight Obs

	13:00	13:30						---	inst. change	
	13:30	13:40							facility close	
May. 15 Mo	18:30	19:00							facility open	
	19:00	23:30	X	948	Rackham	SpeX			MSC	
	23:30	06:30	X	076	Chu	SpeX			MSC	
May. 16 Tu	06:30	13:00	X	064	Dahl	SpeX			MSC	Daylight Obs
	13:00	13:10							facility close	
May. 16 Tu	18:30	19:00							facility open	
	19:00	06:30	X	059	Tinyanont	SpeX/MORIS			MSC	
May. 17 We	06:30	13:00	X	064	Dahl	SpeX			MSC	Daylight Obs
	13:00	13:10							facility close	
May. 17 We	18:30	19:00							facility open	
	19:00	00:05	X	999	Engineering	SpeX/MORIS			MSC	Pointing
May. 18 Th	00:05	01:35	X	005	Sitko	SpeX			MSC	
	01:35	02:20	X	069	Su	SpeX			MSC	
	02:20	06:20	X	035	Kospal	SpeX			MSC	
	06:20	06:30							facility close	
May. 18 Th	18:30	19:00							facility open	
	19:00	20:35		999	Engineering	TBD			ACB	
	20:35	21:20	X	040	Willner	SpeX/MORIS			MSC	
	21:20	21:50							inst. change	
	21:50	02:50	X	023	Jian	iSHELL			ACB	First Night
May. 19 Fr	02:50	06:20	X	074	Boogert	iSHELL			ACB	
	06:20	06:30							facility close	
	10:00	16:00							inst. change	
May. 19 Fr	18:30	19:00							facility open	
	19:00	01:00	X	055	Thomas	SpeX/MORIS			ACB	
May. 20 Sa	01:00	02:30	X	011	Landt	SpeX			MSC	
	02:30	05:20	X	075	Chen	SpeX			MSC	
	05:20	06:20	X	077	Corlies	SpeX			MSC	Service Obs.
	06:20	06:30							facility close	
May. 20 Sa	18:30	19:00							facility open	
	19:00	04:00	X	006	Reddy	SpeX/MORIS			ACB	
May. 21 Su	04:00	06:20	X	035	Kospal	SpeX			MSC	
	06:20	06:30							facility close	
May. 21 Su	18:30	19:00							facility open	
	19:00	06:20	X	028	Kaluna	SpeX/MORIS			MSC	
May. 22 Mo	06:20	06:30							facility close	
May. 22 Mo	18:30	19:00							facility open	
	19:00	05:20	X	018	Bolin	SpeX/MORIS			ACB	
May. 23 Tu	05:20	06:20	X	077	Corlies	SpeX			MSC	Service Obs.
	06:20	06:30							facility close	

May. 23 Tu	18:30	19:00			---	facility open		
	19:00	21:30		999	Engineering	SpeX	MSC	Opihi
	21:30	00:30	X	992	Thomas	SpeX/MORIS	ACB	
May. 24 We	00:30	02:00	X	005	Sitko	SpeX	ACB	
	02:00	04:00	X	993	Hermes	SpeX	ACB	
	04:00	05:00	X	934	Fernandez	SpeX/MORIS	ACB	occultation
	05:00	06:20	X	077	Corlies	SpeX	MSC	Service Obs.
	06:20	06:30			---	facility close		
May. 24 We	18:30	19:00			---	facility open		
	19:00	22:00	X	980	Kaluna	SpeX/MORIS	MSC	
	22:00	22:30			---	inst. change		
	22:30	00:30	X	078	Gaidos	iSHELL	ACB	
May. 25 Th	00:30	01:00			---	inst. change		
	01:00	06:20	X	070	De	SpeX	ACB	
	06:20	06:30			---	facility close		
May. 25 Th	18:30	19:00			---	facility open		
	19:00	20:00	X	040	Willner	SpeX/MORIS	MSC	
	20:00	21:30	X	933	Russell	SpeX	ACB	
	21:30	23:50		999	Engineering	TBD	ACB	
	23:50	06:20	X	969	Connelley	SpeX	MSC	
May. 26 Fr	06:20	06:30			---	facility close		
May. 26 Fr	18:30	19:00			---	facility open		
	19:00	22:00	X	980	Kaluna	SpeX/MORIS	MSC	
	22:00	22:30			---	inst. change		
	22:30	00:30	X	078	Gaidos	iSHELL	ACB	
May. 27 Sa	00:30	01:00			---	inst. change		
	01:00	02:30	X	005	Sitko	SpeX	ACB	
	02:30	05:20	X	955	Lee	SpeX	ACB	
	05:20	06:20	X	077	Corlies	SpeX	MSC	Service Obs.
	06:20	06:30			---	facility close		
May. 27 Sa	11:35	12:05			---	facility open		
	12:05	12:35			---	inst. change		
	12:35	18:05	X	081	Sagawa	iSHELL	ACB	Daylight Obs
	18:05	18:35			---	inst. change		
	18:35	00:05	X	999	Engineering	SpeX	ACB	Pointing
May. 28 Su	00:05	06:20	X	079	Shahbandeh	SpeX/MORIS	MSC	
	06:20	06:30			---	facility close		
May. 28 Su	11:35	12:05			---	facility open		
	12:05	12:35			---	inst. change		
	12:35	18:05	X	081	Sagawa	iSHELL	ACB	Daylight Obs
	18:05	18:35			---	inst. change		
	18:35	22:00	X	980	Kaluna	SpeX/MORIS	MSC	

	22:00	22:30			---	inst. change		
	22:30	00:30	X	078	Gaidos	iSHELL		ACB
May. 29 Mo	00:30	06:20		983	Smith	iSHELL		ACB
	06:20	06:30			---	facility close		
May. 29 Mo	12:05	12:35			---	facility open		
	12:35	18:30	X	081	Sagawa	iSHELL		ACB Daylight Obs
	18:30	19:00			---	inst. change		
	19:00	21:30		999	Engineering	TBD		ACB
	21:30	00:30	X	992	Thomas	SpeX/MORIS		ACB
May. 30 Tu	00:30	01:00			---	inst. change		
	01:00	06:20		983	Smith	iSHELL		ACB
	06:20	06:30			---	facility close		
May. 30 Tu	18:30	19:00			---	facility open		
	19:00	20:00		999	Engineering	TBD		ACB
	20:00	21:55	X	962	Gaidos	iSHELL		ACB
	21:55	23:55	X	078	Gaidos	iSHELL		ACB
	23:55	00:25			---	inst. change		
May. 31 We	00:25	06:20	X	012	Rackham	SpeX		ACB
	06:20	06:30			---	facility close		
May. 31 We	18:30	19:00			---	facility open		
	19:00	23:00		999	Engineering	TBD		ACB
	23:00	01:10	X	027	Avdellidou	SpeX/MORIS		ACB

**Observer List****May, 2023**

- 005 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jozsef Varga  
006 Vishnu Reddy, Juan Sanchez, David Cantillo, Adam Battle, Ben Sharkey  
007 Michael Connelley, Christian Flores  
011 Hermine Landt, Dakshesh Kololgi, David Sanmartim, Alexandre Roman Lopes  
012 Benjamin Rackham, Adam Burgasser  
018 Bryce Bolin, Chrysa Avdellidou, Marco Delbo, Alessandro Morbidelli, Keith Noll  
023 Mingjie Jian, Yifan Wang, Yanshu Wang, Xiaoying Pang, Shih-Yun Tang  
027 Chrysa Avdellidou, Marco Delbo, Kevin Walsh, Pierre Vernazza, Michael Marsset, Marjorie Galinier  
028 Heather Kaluna, Vishnu Reddy, Robert Jedicke, David Cantillo, Adam Battle, Ben Sharkey, Juan Sanchez  
032 Driss Takir, Joshua Emery  
033 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire, Arshia Jacob  
035 Agnes Kospal, Peter Abraham, Fernando Cruz-Saenz de Miera, Agnes Kospal, Peter Abraham, Fernando Cruz-Saenz de Miera  
037 Himanshu Tyagi, Mayank Narang, Manoj Puravankara, Bihan Banerjee, Prasanta Nayak, Arun Surya  
039 Andrea Banzatti, Kirsten Abernathy, Sean Brittain, Ro Siegler, Adwin Boogert  
040 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Hope Boyce, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith  
046 Sarah Sonnett, Vishnu Reddy, Driss Takir  
055 Cristina Thomas, Schelte Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz  
059 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Kirsty Taggart, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano  
060 Jason Hinkle, Benjamin Shappee, Anna Payne  
063 Glenn Orton, Joseph Hora, James Sinclair, Emma Dahl, Shawn Brueshaber, Thomas Momary, Leigh Fletcher, Arrate Antunano, Henrik Melin, Rohini Giles, Thomas Greathouse  
064 Emma Dahl, Glenn Orton, Thomas Momary, Kevin Baines, Shawn Brueshaber, James Sinclair  
069 Kate Su, Attila Moor, Mike Sitko, George Rieke  
070 Kishalay De, Morgan MacLeod, Jacob Jencson, Ryan Lau, Robert Simcoe  
074 Adwin Boogert, Andrew Barr, Curtis deWitt, Jialu Li, Xander Tielens  
075 Lei Chen, Agnes Kospal, Peter Abraham, Attila Moor, Foteini Lykou, Fernando Cruz-Saenz de Miera  
076 Laurie E. U. Chu, Adwin Boogert, Roberta Paladini  
077 Paul Corlies, Paul Corlies, Alexander Hayes, Jason Soderblom, Elizabeth Turtle, Mate Adamkovics, Sebastien Rodriguez, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine  
078 Eric Gaidos, Andrea Banzatti  
079 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Greg Engh, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Nicholas Suntzeff  
081 Hideo Sagawa, Takao Sato, Shohei Aoki  
082 Silvia Protopapa, Mike Kelley, Bin Yang

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jun. 1 Th	01:10 02:40		X	005 Sitko	SpeX	ACB	
	02:40 05:20			999 Engineering	TBD	ACB	
	05:20 06:20		X	077 Corlies	SpeX	MSC	Service Obs.
	06:20 06:30			--- facility close			
Jun. 1 Th	18:30 19:00			--- facility open			
	19:00 21:35		X	956 Landt	SpeX	ACB	
	21:35 22:05			--- inst. change			
	22:05 00:05		X	078 Gaidos	iSHELL	ACB	
Jun. 2 Fr	00:05 06:20		X	033 Indriolo	iSHELL	ACB	
	06:20 06:30			--- facility close			
	10:00 16:00			--- inst. change			
Jun. 2 Fr	18:30 19:00			--- facility open			
	19:00 22:05		X	953 Lucas	SpeX	ACB	
	22:05 23:35		X	011 Landt	SpeX	MSC	
	23:35 00:05			--- inst. change			
Jun. 3 Sa	00:05 05:50		X	033 Indriolo	iSHELL	ACB	
	05:50 06:20			--- inst. change			
	06:20 06:30			--- facility close			
Jun. 3 Sa	18:30 19:00			--- facility open			
	19:00 23:30		X	060 Hinkle	SpeX/MORIS	MSC	
	23:30 02:30		X	014 Howell	SpeX	MSC	
Jun. 4 Su	02:30 06:20		X	980 Kaluna	SpeX/MORIS	MSC	
	06:20 06:30			--- facility close			
Jun. 4 Su	18:30 19:00			--- facility open			
	19:00 20:00		X	040 Willner	SpeX/MORIS	MSC	
	20:00 06:20		X	057 Theissen	SpeX	ACB	
Jun. 5 Mo	06:20 06:30			--- facility close			
Jun. 5 Mo	18:30 19:00			--- facility open			
	19:00 21:30		X	060 Hinkle	SpeX/MORIS	ACB	
	21:30 02:30		X	014 Howell	SpeX	ACB	
Jun. 6 Tu	02:30 06:20		X	968 Cruz-Saenz	SpeX	MSC	
	06:20 06:30			--- facility close			
	10:00 16:00			--- inst. change			
Jun. 6 Tu	18:30 19:00			--- facility open			
	19:00 22:00		X	072 Lopez-Oquendo	MIRSI/MOC	MSC	
	22:00 04:50			069 Su	MIRSI/MOC	MSC	
Jun. 7 We	04:50 05:20			--- inst. change			
	05:20 06:20		X	077 Corlies	SpeX	MSC	Service Obs.
	06:20 06:30			--- facility close			
Jun. 7 We	18:30 19:00			--- facility open			
	19:00 20:50		X	961 Howell	SpeX	ACB	
	20:50 01:50		X	014 Howell	SpeX	MSC	



Jun. 8 Th	01:50	03:20	X	005	Sitko	SpeX	ACB
	03:20	04:30	X	077	Corlies	SpeX	MSC Service Obs.
	04:30	06:20	X	058	Pettine	SpeX	MSC Io eclipse
	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 8 Th	18:30	19:00			--- facility open		
	19:00	06:20	X	019	Devogele	MIRSI/MOC	MSC
Jun. 9 Fr	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 9 Fr	16:50	17:20			--- facility open		
	17:20	20:20	X	053	Young	iSHELL	ACB Daylight Obs
	20:20	20:50			--- inst. change		
	20:50	06:20	X	019	Devogele	MIRSI/MOC	MSC
Jun. 10 Sa	06:20	06:30			--- facility close		
Jun. 10 Sa	16:20	16:50			--- facility open		
	16:50	17:20			--- inst. change		
	17:20	20:20	X	053	Young	iSHELL	ACB Daylight Obs
	20:20	20:50			--- inst. change		
	20:50	06:20	X	019	Devogele	MIRSI/MOC	MSC
Jun. 11 Su	06:20	06:30			--- facility close		
Jun. 11 Su	16:20	16:50			--- facility open		
	16:50	17:20			--- inst. change		
	17:20	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30			--- inst. change		
	20:30	22:30	X	014	Howell	SpeX	MSC
	22:30	05:20	X	055	Thomas	SpeX/MORIS	MSC
Jun. 12 Mo	05:20	06:20	X	077	Corlies	SpeX	MSC Service Obs.
	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 12 Mo	16:50	17:20			--- facility open		
	17:20	20:20	X	053	Young	iSHELL	ACB Daylight Obs
	20:20	20:50			--- inst. change		
	20:50	22:20	X	040	Willner	SpeX/MORIS	ACB
	22:20	01:30	X	027	Avdellidou	SpeX/MORIS	ACB
Jun. 13 Tu	01:30	05:20	X	022	Holler	SpeX	MSC
	05:20	06:20	X	077	Corlies	SpeX	MSC Service Obs.
	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 13 Tu	16:50	17:20			--- facility open		
	17:20	20:20	X	053	Young	iSHELL	ACB Daylight Obs
	20:20	01:20	X	023	Jian	iSHELL	ACB
Jun. 14 We	01:20	01:50			--- inst. change		

	01:50	05:20	X	022	Holler	SpeX	MSC	
	05:20	06:20	X	077	Corlies	SpeX	MSC	Service Obs.
	06:20	06:30			--- facility close			
	10:00	16:00			--- inst. change			
Jun. 14	We	16:50	17:20		--- facility open			
	17:20	20:20	X	053	Young	iSHELL	ACB	Daylight Obs
	20:20	01:20	X	023	Jian	iSHELL	ACB	
Jun. 15	Th	01:20	01:50		--- inst. change			
	01:50	04:50	X	022	Holler	SpeX	MSC	
	04:50	06:30		999	Engineering	TBD	ACB	
	06:30	08:00	X	058	Pettine	SpeX	MSC	Io eclipse
	08:00	08:10			--- facility close			
	10:00	16:00			--- inst. change			
Jun. 15	Th	16:50	17:20		--- facility open			
	17:20	20:20	X	053	Young	iSHELL	ACB	Daylight Obs
	20:20	20:50			--- inst. change			
	20:50	23:00	X	011	Landt	SpeX	MSC	
	23:00	02:00	X	014	Howell	SpeX	MSC	
Jun. 16	Fr	02:00	05:20	X	022	Holler	SpeX	MSC
	05:20	06:20	X	077	Corlies	SpeX	MSC	Service Obs.
	06:20	06:30			--- facility close			
	10:00	16:00			--- inst. change			
Jun. 16	Fr	16:50	17:20		--- facility open			
	17:20	20:20	X	053	Young	iSHELL	ACB	Daylight Obs
	20:20	01:20	X	023	Jian	iSHELL	ACB	
Jun. 17	Sa	01:20	01:50		--- inst. change			
	01:50	05:15	X	022	Holler	SpeX	MSC	
	05:15	06:00	X	058	Pettine	SpeX	MSC	Service Obs.
	06:00	06:10			--- facility close			
Jun. 17	Sa	16:20	16:50		--- facility open			
	16:50	17:20			--- inst. change			
	17:20	20:20	X	053	Young	iSHELL	ACB	Daylight Obs
	20:20	01:20	X	023	Jian	iSHELL	ACB	
Jun. 18	Su	01:20	01:50		--- inst. change			
	01:50	05:20	X	022	Holler	SpeX	MSC	
	05:20	06:20	X	058	Pettine	SpeX	MSC	Service Obs.
	06:20	06:30			--- facility close			
Jun. 18	Su	16:20	16:50		--- facility open			
	16:50	17:20			--- inst. change			
	17:20	20:20	X	053	Young	iSHELL	ACB	Daylight Obs
	20:20	20:50			--- inst. change			
	20:50	06:20	X	055	Thomas	SpeX/MORIS	MSC	

Jun. 19 Mo	06:20	06:30	--- facility close				
	10:00	16:00	--- inst. change				
Jun. 19 Mo	16:30	17:00	--- facility open				
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
Jun. 20 Tu	20:00	20:30	--- inst. change				
	20:30	00:30	X	014	Howell	SpeX	ACB
	00:30	01:15	X	069	Su	SpeX	MSC
	01:15	06:20	X	079	Shahbandeh	SpeX/MORIS	MSC
	06:20	06:30	--- facility close				
Jun. 20 Tu	10:00	16:00	--- inst. change				
	16:30	17:00	--- facility open				
Jun. 20 Tu	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30	--- inst. change				
	20:30	04:30	X	006	Reddy	SpeX/MORIS	ACB
	04:30	05:00	--- inst. change				
Jun. 21 We	05:00	06:30	X	063	Orton	MIRSI/MOC	MSC
	06:30	11:00	X	063	Orton	MIRSI/MOC	MSC Daylight Obs
	10:00	16:00	--- inst. change				
	11:00	11:10	--- facility close				
	16:30	17:00	--- facility open				
Jun. 21 We	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30	--- inst. change				
	20:30	04:30	X	028	Kaluna	SpeX/MORIS	MSC
Jun. 22 Th	04:30	05:00	--- inst. change				
	05:00	06:30	X	063	Orton	MIRSI/MOC	MSC
	06:30	11:00	X	063	Orton	MIRSI/MOC	MSC Daylight Obs
	10:00	16:00	--- inst. change				
	11:00	11:10	--- facility close				
Jun. 22 Th	16:30	17:00	--- facility open				
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30	--- inst. change				
	20:30	23:30	X	014	Howell	SpeX	MSC
Jun. 23 Fr	23:30	05:00	X	032	Takir	SpeX/MORIS	MSC
	05:00	06:30	X	064	Dahl	SpeX	MSC
	06:30	11:00	X	064	Dahl	SpeX	MSC Daylight Obs
	10:00	16:00	--- inst. change				
	11:00	11:10	--- facility close				
Jun. 23 Fr	16:30	17:00	--- facility open				
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30	--- inst. change				
	20:30	21:30	X	040	Willner	SpeX/MORIS	MSC
	21:30	05:00	X	049	Sterling	SpeX	MSC First Night

Jun. 24 Sa	05:00	06:30	X	064	Dahl	SpeX	MSC
	06:30	11:00	X	064	Dahl	SpeX	MSC Daylight Obs
	11:00	11:10			--- facility close		
Jun. 24 Sa	16:00	16:30			--- facility open		
	16:30	17:00			--- inst. change		
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30			--- inst. change		
	20:30	02:30	X	070	De	SpeX	ACB
Jun. 25 Su	02:30	03:00	X	077	Corlies	SpeX	MSC Service Obs.
	03:00	06:20		999	Engineering	TBD	ACB
	06:20	06:30			--- facility close		
Jun. 25 Su	16:00	16:30			--- facility open		
	16:30	17:00			--- inst. change		
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30			--- inst. change		
	20:30	06:20	X	054	Rothermich	SpeX	MSC
Jun. 26 Mo	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 26 Mo	16:30	17:00			--- facility open		
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30			--- inst. change		
	20:30	06:20	X	059	Tinyanont	SpeX/MORIS	ACB
Jun. 27 Tu	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 27 Tu	16:30	17:00			--- facility open		
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	20:30			--- inst. change		
	20:30	23:30	X	955	Lee	SpeX	ACB
	23:30	01:30	X	075	Chen	SpeX	MSC
Jun. 28 We	01:30	05:30	X	067	Vervack	SpeX	MSC
	05:30	06:20	X	058	Pettine	SpeX	MSC Service Obs.
	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 28 We	16:30	17:00			--- facility open		
	17:00	20:00	X	053	Young	iSHELL	ACB Daylight Obs
	20:00	01:00	X	043	Williams	iSHELL	ACB
Jun. 29 Th	01:00	01:30			--- inst. change		
	01:30	05:30	X	067	Vervack	SpeX	MSC
	05:30	06:20	X	077	Corlies	SpeX	MSC Service Obs.
	06:20	06:30			--- facility close		
	10:00	16:00			--- inst. change		
Jun. 29 Th	16:30	17:00			--- facility open		

	17:00	20:00	X	053	Young	iSHELL	ACB	Daylight Obs
	20:00	01:00	X	043	Williams	iSHELL	ACB	
Jun. 30 Fr	01:00	03:30	X	960	Indriolo	iSHELL	ACB	
	03:30	06:20		999	Engineering	TBD	ACB	
	06:20	06:30		--- facility close				
	10:00	16:00		--- inst. change				
Jun. 30 Fr	18:30	19:00		--- facility open				
	19:00	23:30	X	003	Luhman	SpeX	ACB	
	23:30	01:00	X	011	Landt	SpeX	MSC	

**Observer List**

# June, 2023

- 003 Kevin Luhman
- 005 Michael Sitko, Ray Russell, William Danchi, Bruno Lopez, Jozsef Varga
- 006 Vishnu Reddy, Juan Sanchez, David Cantillo, Adam Battle, Ben Sharkey
- 011 Hermine Landt, Dakshesh Kololgi, David Sanmartim, Alexandre Roman Lopes
- 014 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers
- 019 Maxime Devogele, Joseph Masiero, Nicholas Moskovitz, Annika Gustafsson, Marin ferrais
- 022 Bryan Holler, Leslie Young, Silvia Protopapa, Will Grundy, Annika Gustafsson
- 023 Mingjie Jian, Yifan Wang, Yanshu Wang, Xiaoying Pang, Shih-Yun Tang
- 027 Chrysa Avdellidou, Marco Delbo, Kevin Walsh, Pierre Vernazza, Michael Marsset, Marjorie Galinier
- 028 Heather Kaluna, Vishnu Reddy, Robert Jedicke, David Cantillo, Adam Battle, Ben Sharkey, Juan Sanchez
- 032 Driss Takir, Joshua Emery
- 033 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire, Arshia Jacob
- 040 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Hope Boyce, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith
- 043 Jonathan Williams, Alexa Anderson, Adwin Boogert
- 049 Nicholas Sterling, Harriet Dinerstein, William Vacca, Mabel Stephenson
- 053 Eliot Young, Mark Bullock, Kandice-Lea Jessup
- 054 Austin Rothermich, Jackie Faherty, Emily Calamari, Les Hamlet, Marc Kuchner, Adam Schneider, Aaron Meisner, Davy Kirkpatrick
- 055 Cristina Thomas, Schelte Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz
- 057 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu
- 058 Madeline Pettine, Julie Rathbun, Alex Hayes
- 059 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Kirsty Taggart, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano
- 060 Jason Hinkle, Benjamin Shappee, Anna Payne
- 063 Glenn Orton, Joseph Hora, James Sinclair, Emma Dahl, Shawn Brueshaber, Thomas Momary, Leigh Fletcher, Arrate Antunano, Henrik Melin, Rohini Giles, Thomas Greathouse
- 064 Emma Dahl, Glenn Orton, Thomas Momary, Kevin Baines, Shawn Brueshaber, James Sinclair
- 067 Ron Vervack, Neil Dello Russo, Boncho Bonev, Mike DiSanti, Erika Gibb, Nathan Roth, Hideyo Kawakita, Adam McKay, Mohammad Saki, Younas Khan, Chemedha Ejeta, Nicolas Biver
- 069 Kate Su, Attila Moor, Mike Sitko, George Rieke
- 070 Kishalay De, Morgan MacLeod, Jacob Jencson, Ryan Lau, Robert Simcoe
- 072 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith, Nick Moskovitz
- 075 Lei Chen, Agnes Kospal, Peter Abraham, Attila Moor, Foteini Lykou, Fernando Cruz-Saenz de Miera
- 077 Paul Corlies, Paul Corlies, Alexander Hayes, Jason Soderblom, Elizabeth Turtle, Mate Adamkovics, Sebastien Rodriguez, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine
- 078 Eric Gaidos, Andrea Banzatti
- 079 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Greg Engh, Francisco Forster, Luis Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Nicholas Suntzeff

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jul. 1 Sa	01:00 01:30		X	077 Corlies	SpeX	MSC	Service Obs.
	01:30 04:55		X	980 Kaluna	SpeX/MORIS	MSC	
	04:55 06:25		X	058 Pettine	SpeX	MSC	Io eclipse
	06:25 06:35			--- facility close			
Jul. 1 Sa	18:30 19:00			--- facility open			
	19:00 23:30		X	003 Luhman	SpeX	ACB	
	23:30 03:00		X	990 Emery	SpeX/MORIS	ACB	
Jul. 2 Su	03:00 03:30		X	077 Corlies	SpeX	MSC	Service Obs.
	03:30 05:15		X	069 Su	SpeX	MSC	
	05:15 06:20		X	058 Pettine	SpeX	MSC	Service Obs.
	06:20 06:30			--- facility close			
Jul. 2 Su	18:30 19:00			--- facility open			
	19:00 20:00		X	040 Willner	SpeX/MORIS	MSC	
	20:00 06:20		X	038 Rose	SpeX	ACB	
Jul. 3 Mo	06:20 06:30			--- facility close			
Jul. 3 Mo	18:30 19:00			--- facility open			
	19:00 23:35		X	949 Melis	MIRSI/MOC	MSC	
	23:35 00:05			--- inst. change			
Jul. 4 Tu	00:05 06:20		X	981 Boogert	iSHELL	ACB	
	06:20 06:30			--- facility close			
Jul. 4 Tu	18:30 19:00			--- facility open			
	19:00 06:20		X	054 Rothermich	SpeX	MSC	
Jul. 5 We	06:20 06:30			--- facility close			
Jul. 5 We	18:30 19:00			--- facility open			
	19:00 22:20		X	015 Woodward	SpeX/MORIS	MSC	
	22:20 03:20		X	016 Kaminski	SpeX/MORIS	ACB	First Night
Jul. 6 Th	03:20 06:20		X	970 Chakraborty	SpeX/MORIS	MSC	
	06:20 06:30			--- facility close			
	10:00 16:00			--- inst. change			
Jul. 6 Th	18:30 19:00			--- facility open			
	19:00 06:20		X	057 Theissen	SpeX	ACB	
Jul. 7 Fr	06:20 06:30			--- facility close			
Jul. 7 Fr	18:30 19:00			--- facility open			
	19:00 01:00		X	030 French	SpeX	ACB	
	01:00 01:30		X	077 Corlies	SpeX	MSC	Service Obs.
	01:30 02:00			--- inst. change			
	02:00 06:25		X	981 Boogert	iSHELL	ACB	
	06:25 06:55			--- inst. change			
	06:55 08:25		X	058 Pettine	SpeX	MSC	Daylight Obs, Io eclipse
	08:25 08:35			--- facility close			
Jul. 8 Sa	18:30 19:00			--- facility open			
	19:00 00:20		X	014 Howell	SpeX	MSC	

Jul. 9 Su	00:20	05:50	X	012	Rackham	SpeX	ACB	
	05:50	06:20			--- inst. change			
	06:20	06:30			--- facility close			
Jul. 9 Su	18:30	19:00			--- facility open			
	19:00	23:55	X	019	Devogele	MIRSI/MOC	MSC	
	23:55	00:25			--- inst. change			
Jul. 10 Mo	00:25	06:20	X	060	Hinkle	SpeX/MORIS	MSC	
	06:20	06:30			--- facility close			
	10:00	16:00			--- inst. change			
Jul. 10 Mo	18:30	19:00			--- facility open			
	19:00	21:50	X	985	Williams	iSHELL	ACB	
	21:50	22:20			--- inst. change			
	22:20	02:20	X	032	Takir	SpeX/MORIS	ACB	
Jul. 11 Tu	02:20	02:50			--- inst. change			
	02:50	06:20	X	074	Boogert	iSHELL	ACB	
	06:20	06:30			--- facility close			
	10:00	16:00			--- inst. change			
Jul. 11 Tu	18:30	19:00			--- facility open			
	19:00	22:00	X	963	Flores	SpeX	MSC	
	22:00	02:30	X	974	Ashraf	SpeX	MSC	
Jul. 12 We	02:30	03:00	X	077	Corlies	SpeX	MSC	Service Obs.
	03:00	04:00	X	069	Su	SpeX	MSC	
	04:00	04:30	X	058	Pettine	SpeX	MSC	Service Obs.
	04:30	06:20		999	Engineering	TBD	ACB	
	06:20	06:30			--- facility close			
Jul. 12 We	11:35	12:05			--- facility open			
	12:05	12:35			--- inst. change			
	12:35	15:05		999	Engineering	TEXES	ACB	Daylight Obs
	15:05	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35			--- inst. change			
	19:35	02:20	X	974	Ashraf	SpeX	MSC	
Jul. 13 Th	02:20	06:20	X	959	Jiang	SpeX	MSC	
	06:20	06:30			--- facility close			
Jul. 13 Th	09:35	10:05			--- facility open			
	10:05	10:35			--- inst. change			
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35			--- inst. change			
	19:35	01:05	X	980	Kaluna	SpeX/MORIS	MSC	
Jul. 14 Fr	01:05	01:35	X	077	Corlies	SpeX	MSC	Service Obs.
	01:35	03:00		999	Engineering	TBD	ACB	
	03:00	06:20	X	989	Cartwright	SpeX/MORIS	MSC	
	06:20	06:30			--- facility close			

Jul. 14 Fr	09:35	10:05						--- facility open
	10:05	10:35						--- inst. change
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35						--- inst. change
	19:35	21:00	X	932	Young	SpeX	MSC	Opihi
	21:00	01:05		999	Engineering	TBD	ACB	
Jul. 15 Sa	01:05	03:00	X	971	Bjorker	SpeX	MSC	
	03:00	06:20	X	989	Cartwright	SpeX/MORIS	MSC	
	06:20	06:30						--- facility close
Jul. 15 Sa	09:35	10:05						--- facility open
	10:05	10:35						--- inst. change
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35						--- inst. change
	19:35	06:20	X	028	Kaluna	SpeX/MORIS	MSC	
Jul. 16 Su	06:20	06:30						--- facility close
Jul. 16 Su	09:35	10:05						--- facility open
	10:05	10:35						--- inst. change
	10:35	19:05	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	19:05	19:35						--- inst. change
	19:35	21:35	X	011	Landt	SpeX	MSC	
	21:35	02:50	X	016	Kaminski	SpeX	ACB	
Jul. 17 Mo	02:50	03:20	X	077	Corlies	SpeX	MSC	Service Obs.
	03:20	04:50	X	058	Pettine	SpeX	MSC	Io eclipse
	04:50	06:20		999	Engineering	TBD	ACB	
	06:20	06:30						--- facility close
Jul. 17 Mo	09:35	10:05						--- facility open
	10:05	10:35						--- inst. change
	10:35	12:35	X	009	Encrenaz	TEXES	ACB	Daylight Obs
	12:35	19:05	X	008	Giles	TEXES	ACB	Daylight Obs
	19:05	19:35						--- inst. change
	19:35	06:20	X	006	Reddy	SpeX/MORIS	ACB	
Jul. 18 Tu	06:20	06:30						--- facility close
Jul. 18 Tu	09:35	10:05						--- facility open
	10:05	10:35						--- inst. change
	10:35	19:05	X	008	Giles	TEXES	ACB	Daylight Obs
	19:05	19:35						--- inst. change
	19:35	23:05	X	072	Lopez-Oquendo	MIRSI/MOC	MSC	
	23:05	23:35						--- inst. change
	23:35	06:20	X	055	Thomas	SpeX/MORIS	ACB	
Jul. 19 We	06:20	06:30						--- facility close
Jul. 19 We	18:30	19:00						--- facility open
	19:00	20:00	X	040	Willner	SpeX/MORIS	MSC	



	20:00	23:00	X	014	Howell	SpeX	MSC
	23:00	23:30			--- inst. change		
	23:30	02:30	X	050	Nixon	TEXES	ACB
Jul. 20	Th	02:30	05:30	X	071	Spencer	TEXES
		05:30	10:00	X	044	Sinclair	TEXES
							ACB Daylight Obs
	10:00	10:30			--- inst. change		
	10:30	10:40			--- facility close		
Jul. 20	Th	18:30	19:00				--- facility open
	19:00	22:15	X	075	Chen	SpeX	MSC
	22:15	23:00	X	069	Su	SpeX	MSC
	23:00	23:30			--- inst. change		
	23:30	02:30	X	050	Nixon	TEXES	ACB
Jul. 21	Fr	02:30	05:30	X	071	Spencer	TEXES
		05:30	10:00	X	044	Sinclair	TEXES
							ACB Daylight Obs
	10:00	10:30			--- inst. change		
	10:30	10:40			--- facility close		
Jul. 21	Fr	18:40	19:10				--- facility open
	19:10	22:30	X	968	Cruz-Saenz	SpeX	MSC
	22:30	23:00	X	077	Corlies	SpeX	MSC
							Service Obs.
	23:00	23:30			--- inst. change		
	23:30	02:30	X	050	Nixon	TEXES	ACB
Jul. 22	Sa	02:30	05:30	X	071	Spencer	TEXES
		05:30	06:30	X	024	Fuchs	TEXES
							ACB
	06:30	06:40			--- facility close		
Jul. 22	Sa	09:30	10:00				--- facility open
	10:00	10:30			--- inst. change		
	10:30	14:00	X	068	Sato	SpeX	MSC
							Daylight Obs
	14:00	14:10			--- facility close		
Jul. 22	Sa	18:40	19:10				--- facility open
	19:10	23:00	X	980	Kaluna	SpeX/MORIS	MSC
	23:00	23:30			--- inst. change		
	23:30	02:30	X	050	Nixon	TEXES	ACB
Jul. 23	Su	02:30	05:20	X	071	Spencer	TEXES
		05:20	06:20	X	024	Fuchs	TEXES
							ACB
	06:20	06:30			--- facility close		
Jul. 23	Su	09:30	10:00				--- facility open
	10:00	10:30			--- inst. change		
	10:30	14:00	X	068	Sato	SpeX	MSC
							Daylight Obs
	14:00	14:10			--- facility close		
Jul. 23	Su	18:30	19:00				--- facility open
	19:00	23:00	X	980	Kaluna	SpeX/MORIS	MSC
	23:00	23:30			--- inst. change		

JULY 2023 IRTF TELESCOPE SCHEDULE

last revised on 07/10/2023

	23:30	02:30	X	050	Nixon	TEXES	ACB
Jul. 24 Mo	02:30	05:30	X	071	Spencer	TEXES	ACB
	05:30	06:20		999	Engineering	TBD	ACB
	06:20	06:30			---	facility close	
Jul. 24 Mo	09:30	10:00			---	facility open	
	10:00	10:30			---	inst. change	
	10:30	14:00	X	068	Sato	SpeX	MSC Daylight Obs
	14:00	14:30			---	inst. change	
	14:30	14:40			---	facility close	
Jul. 24 Mo	18:30	19:00			---	facility open	
	19:00	23:00	X	019	Devoegele	MIRSI/MOC	MSC
	23:00	23:30			---	inst. change	
	23:30	00:30	X	026	Fuchs	TEXES	ACB
Jul. 25 Tu	00:30	02:30	X	024	Fuchs	TEXES	ACB
	02:30	05:30	X	071	Spencer	TEXES	ACB
	05:30	06:20		999	Engineering	TBD	ACB
	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
Jul. 25 Tu	18:30	19:00			---	facility open	
	19:00	21:05	X	011	Landt	SpeX	MSC
	21:05	00:05	X	014	Howell	SpeX	MSC
Jul. 26 We	00:05	06:20	X	030	French	SpeX	ACB
	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
Jul. 26 We	18:30	19:00			---	facility open	
	19:00	00:30	X	033	Indriolo	iSHELL	ACB
Jul. 27 Th	00:30	06:20	X	994	Moore	iSHELL	ACB
	06:20	06:30			---	facility close	
	10:00	16:00			---	inst. change	
Jul. 27 Th	18:30	19:00			---	facility open	
	19:00	01:00		069	Su	MIRSI/MOC	MSC
Jul. 28 Fr	01:00	03:30	X	072	Lopez-Oquendo	MIRSI/MOC	MSC
	03:30	04:00			---	inst. change	
	04:00	04:30	X	058	Pettine	SpeX	MSC Service Obs.
	04:30	06:20	X	989	Cartwright	SpeX/MORIS	MSC
	06:20	06:30			---	facility close	
Jul. 28 Fr	18:30	19:00			---	facility open	
	19:00	21:45	X	990	Emery	SpeX/MORIS	ACB
	21:45	02:00	X	027	Avdellidou	SpeX/MORIS	MSC
Jul. 29 Sa	02:00	06:30	X	064	Dahl	SpeX	MSC
	06:30	08:00	X	064	Dahl	SpeX	MSC Daylight Obs
	08:00	08:10			---	facility close	

Jul. 29 Sa	18:30	19:00			--- facility open		
	19:00	01:00	X	059	Tinyanont	SpeX/MORIS	ACB
Jul. 30 Su	01:00	02:00	X	069	Su	SpeX	MSC
	02:00	06:30	X	064	Dahl	SpeX	MSC
	06:30	08:00	X	064	Dahl	SpeX	MSC Daylight Obs
	08:00	08:10			--- facility close		
Jul. 30 Su	18:30	19:00			--- facility open		
	19:00	01:30	X	054	Rothermich	SpeX	MSC
Jul. 31 Mo	01:30	02:00			--- inst. change		
	02:00	06:40	X	063	Orton	MIRSI/MOC	MSC
	06:40	07:10			--- inst. change		
	07:10	08:40	X	058	Pettine	SpeX	MSC Daylight Obs, Io eclipse
	08:40	08:50			--- facility close		
Jul. 31 Mo	18:30	19:00			--- facility open		
	19:00	01:00	X	070	De	SpeX	ACB

**Observer List****July, 2023**

- 003 Kevin Luhman  
006 Vishnu Reddy, Juan Sanchez, David Cantillo, Adam Battle, Ben Sharkey  
008 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Amanda Brecht, Kandis Lea Jessup  
009 Therese Encrenaz, Thomas Greathouse, Rohini Giles, Thomas Widemann, Bruno Bezar, Wencheng Shao, Thierry Fouchet  
011 Hermine Landt, Dakshesh Kololgi, David Sanmartin, Alexandre Roman Lopes  
012 Benjamin Rackham, Adam Burgasser  
014 Ellen Howell, Ronald Vervack, Yanga Fernandez, Mary Hinkle, Kiana McFadden, Sam Myers  
015 Chick Woodward  
016 Tomasz Kaminski, Thomas Steinmetz, Muhammad Zain Mobeen, Carl Melis  
019 Maxime Devoegele, Joseph Masiero, Nicholas Moskovitz, Annika Gustafsson, Marin Ferrais  
024 Guido W. Fuchs, Eileen Doering, David Gobrecht, Thomas K. Greathouse, Rohini S. Giles, Thomas F. Giesen, Leen Decin, John H. Lacy  
026 Guido W. Fuchs, Eileen Doering, Thomas K. Greathouse, Rohini S. Giles, John H. Lacy, Thomas F. Giesen  
027 Chrysa Avdellidou, Marco Delbo, Kevin Walsh, Pierre Vernazza, Michael Marsset, Marjorie Galinier  
028 Heather Kaluna, Vishnu Reddy, Robert Jedicke, David Cantillo, Adam Battle, Ben Sharkey, Juan Sanchez  
030 Jenni French, Sarah Casewell, Adam Schneider, Beth Henderson, Jackie Faherty, Aaron Meisner, Austin Rothermich, Marc Kuchner, Daniella Bardalez Gagliuffi, Adam Burgasser  
032 Driss Takir, Joshua Emery  
033 Nick Indriolo, Alexei Ivlev, Kedron Silsbee, Paola Caselli, David Neufeld, Mark Wolfire, Arshia Jacob  
038 Benjamin Rose, Bhavin Joshi, Susana Deustua, Lisa Kelsey, Erik Peterson, Dan Scolnic, Louis-Gregory Strolger, Maria Vincenzi, Phillip Wiseman  
040 Steven Willner, Mark Gurwell, Joseph Hora, Sera Markoff, Joseph Neilsen, Hope Boyce, Giovanni Fazio, Daryl Haggard, Michael Nowak, Howard Smith  
044 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Arrate Antunano, Leigh Fletcher, Patrick Irwin  
050 Conor Nixon, Brendan Steffens, Thomas Greathouse, Rohini Giles, Keeyoon Sung, Patrick Irwin  
054 Austin Rothermich, Jackie Faherty, Emily Calamari, Les Hamlet, Marc Kuchner, Adam Schneider, Aaron Meisner, Davy Kirkpatrick  
055 Cristina Thomas, Schelte Bus, Francesca DeMeo, Lauren McGraw, Brian Burt, Joshua Emery, Andy Rivkin, Michael Marsset, David Polishook, Richard P. Binzel, Nicholas Moskovitz  
057 Christopher Theissen, Daniella Bardalez Gagliuffi, Elisabeth Newton, Adam Burgasser, Jacqueline Faherty, Eileen Gonzales, Andrew Mann, Christian Aganze, Dino Hsu  
058 Madeline Pettine, Julie Rathbun, Alex Hayes  
059 Samaporn Tinyanont, Ryan Foley, Charlie Kilpatrick, Jeonghee Rho, Aranvind Ravi, Kirsty Taggart, Jens Hjorth, Christa Gall, Gautham Narayan, Alexander Gagliano  
060 Jason Hinkle, Benjamin Shappee, Anna Payne  
063 Glenn Orton, Joseph Hora, James Sinclair, Emma Dahl, Shawn Brueshaber, Thomas Momary, Leigh Fletcher, Arrate Antunano, Henrik Melin, Rohini Giles, Thomas Greathouse  
064 Emma Dahl, Glenn Orton, Thomas Momary, Kevin Baines, Shawn Brueshaber, James Sinclair  
068 Takao Sato, Hideo Sagawa  
069 Kate Su, Attila Moor, Mike Sitko, George Rieke  
070 Kishalay De, Morgan MacLeod, Jacob Jencson, Ryan Lau, Robert Simcoe  
071 John Spencer, Rohini Giles, Thomas Greathouse  
072 Andy Lopez-Oquendo, David Trilling, Joseph Hora, Howard Smith, Nick Moskovitz  
074 Adwin Boogert, Andrew Barr, Curtis deWitt, Jialu Li, Xander Tielens  
075 Lei Chen, Agnes Kospal, Peter Abraham, Attila Moor, Foteini Lykou, Fernando Cruz-Saenz de Miera  
077 Paul Corlies, Paul Corlies, Alexander Hayes, Jason Soderblom, Elizabeth Turtle, Mate Adamkovics, Sebastien Rodriguez, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Aug. 1 Tu	01:00 01:30		X	077 Corlies	SpeX	MSC	Service Obs.
	01:30 02:00			--- inst. change			
	02:00 06:30		X	063 Orton	MIRSI/MOC	MSC	
	06:30 08:00		X	063 Orton	MIRSI/MOC	MSC	Daylight Obs
	08:00 08:10			--- facility close			

## Observer List

# August, 2023

063 Glenn Orton, Joseph Hora, James Sinclair, Emma Dahl, Shawn Brueshaber, Thomas Momary, Leigh Fletcher, Arrate Antunano, Henrik Melin, Rohini Giles, Thomas Greathouse

077 Paul Corlies, Paul Corlies, Alexander Hayes, Jason Soderblom, Elizabeth Turtle, Mate Adamkovics, Sebastien Rodriguez, Alejandro Soto, Patricio Rojo, Jonathan Mitchell, Juan Lora, Jonathan Lunine

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](mailto: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