

## FEBRUARY 2003 IRTF TELESCOPE SCHEDULE:

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
Feb. 1 --	18:00	23:59	D,B 049 Dahm	SpeX	JTR	Remote obs
	23:59	06:00	D,B 028 Marion	SpeX	SJB	Remote obs
Feb. 2 --	18:00	23:59	B 049 Dahm	SpeX	JTR	Remote obs
	23:59	06:00	B 028 Marion	SpeX	SJB	Remote obs
Feb. 3 Mo	18:00	23:59	B 049 Dahm	SpeX	JTR	Remote obs
	23:59	06:00	B 033 Stallard	CSHELL	JTR	
Feb. 4 Tu	18:00	23:59	B,P 049 Dahm	SpeX	JTR	Remote obs
	23:59	06:00	B,P 033 Stallard	CSHELL	JTR	
Feb. 5 We	18:00	23:59	P 034 Stallard	CSHELL	JTR	
	23:59	06:00	P 033 Stallard	CSHELL	JTR	
Feb. 6 Th	18:00	23:59	P 034 Stallard	CSHELL	JTR	
	23:59	06:00	P 033 Stallard	CSHELL	JTR	
Feb. 7 Fr	18:00	23:59	P,D 034 Stallard	CSHELL	JTR	
	23:59	06:00	P,D 033 Stallard	CSHELL	JTR	
Feb. 8 --	18:00	03:00	D 023 Tokunaga	SpeX	SJB	
Feb. 9 --	03:00	08:00	D 009 Encrenaz	SpeX	SJB	Day remote obs
	18:00	23:59	D 060 Yanamandra-Fisher	NSFCAM/SpeX	SJB	
	23:59	05:00	D 095 Young, E.	SpeX	SJB	
Feb. 10 Mo	05:00	08:00	D 009 Encrenaz	SpeX	SJB	Day remote obs
	18:00	23:59	D 060 Yanamandra-Fisher	NSFCAM/SpeX	SJB	
	23:59	05:00	D 095 Young, E.	SpeX	SJB	
Feb. 11 Tu	05:00	08:00	D,B 009 Encrenaz	SpeX	SJB	Day remote obs
	18:00	23:59	D,B 060 Yanamandra-Fisher	NSFCAM/SpeX	SJB	
	23:59	05:00	D,B 095 Young, E.	SpeX	SJB	
Feb. 12 We	05:00	08:00	B 009 Encrenaz	SpeX	SJB	Day remote obs
	18:00	06:00	B 052 Noll	SpeX	JTR	
Feb. 13 Th	18:00	06:00	B 052 Noll	SpeX	JTR	
Feb. 14 Fr	18:00	06:00	B,P 084 Connerney	NSFCAM	JTR	
Feb. 15 --	18:00	06:00	P 084 Connerney	NSFCAM	JTR	
Feb. 16 --	18:00	06:00	P 053 Kelley	SpeX	SJB	Full moon
Feb. 17 Mo	18:00	06:00	P 053 Kelley	SpeX	SJB	
Feb. 18 Tu	18:00	06:00	D 053 Kelley	SpeX	SJB	
Feb. 19 We	14:00	06:00	D 002 Sitko	BASS	SJB	
Feb. 20 Th	14:00	06:00	D 002 Sitko	BASS	SJB	Chop sec on
Feb. 21 Fr	18:00	06:00	D 023 Tokunaga	SpeX	SJB	Remote obs
Feb. 22 --	18:00	20:30	P 026 Orton	NSFCAM/MIRLIN	JTR	
	20:30	21:30	P 071 Rathbun	NSFCAM	SJB	Remote obs
	21:30	23:30	P 026 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	P 025 Rayner	SpeX	JTR	Remote obs
Feb. 23 --	18:00	23:30	P 027 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	P 025 Rayner	SpeX	JTR	Remote obs
Feb. 24 Mo	18:00	23:30	P 027 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	P 025 Rayner	SpeX	JTR	Remote obs
Feb. 25 Tu	18:00	23:30	P 027 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	P 045 Rivkin	SpeX	SJB	Remote obs
Feb. 26 We	18:00	23:30	D 027 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	D 045 Rivkin	SpeX	SJB	Remote obs
Feb. 27 Th	18:00	23:30	D 027 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	D 045 Rivkin	SpeX	SJB	
Feb. 28 Fr	18:00	23:30	D 027 Orton	NSFCAM/MIRLIN	JTR	
	23:30	06:00	D 045 Rivkin	SpeX	SJB	Remote obs

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
002			Russell, Sprague			
009			Bezard, Biran			
023			Knacke, Rayner			
025			Gregg, Silva, Vacca			
026			Yanamandra-Fisher, Baines			
027			Fisher			
028			Hoflich, Wheeler, Vacca			
033			Miller, Trafton, Geballe, Joseph			
034			Miller, Trafton, Geballe, Joseph			
045			Howell, Bus			
049			Simon			
052			Kim, Pak, Geballe			
053			Hicks, Gaffey			
060			Orton			
071			Spencer, Goguen			
084			Satoh			
095			Grundy, Young - Remote obs, Spencer			

# February 2003

## MARCH 2003 IRTF TELESCOPE SCHEDULE:

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
Mar. 1 --	18:00	06:00	D,P 045 Rivkin	SpeX	SJB	Remote obs
Mar. 2 --	18:00	06:00	P 005 Fernandez	SpeX	SJB	Remote obs
Mar. 3 Mo	18:00	06:00	P,B 023 Tokunaga	SpeX	SJB	Remote; chop sec off
Mar. 4 Tu	18:00	06:00	B 008 Hanson	CSHELL	JTR	
Mar. 5 We	18:00	06:00	B 096 Chamberlain	SpeX	JTR	
Mar. 6 Th	18:00	06:00	B,D 096 Chamberlain	SpeX	JTR	
Mar. 7 Fr	18:00	06:00	D 041 Wills	SpeX	SJB	
Mar. 8 --	18:00	23:59	D 041 Wills	SpeX	SJB	
	23:59	01:00	D 071 Rathbun	SpeX	SJB	Remote obs
Mar. 9 --	01:00	06:00	041 Wills	SpeX		
	18:00	06:00	D 041 Wills	SpeX	SJB	
Mar. 10 Mo	18:00	06:00	D,P 041 Wills	SpeX	SJB	
Mar. 11 Tu	18:00	06:00	P 999 <b>Engineering</b>			
Mar. 12 We	18:00	06:00	P,B 999 <b>Engineering</b>			
Mar. 13 Th	18:00	06:00	B,D 999 <b>Engineering</b>			
Mar. 14 Fr	18:00	03:00	B 999 <b>Engineering</b>			
Mar. 15 --	03:00	06:00	B 099 Meikle	SpeX	JTR	Remote obs
	18:00	06:00	B 097 Bus	SpeX	SJB	Remote obs
Mar. 16 --	18:00	06:00	P 097 Bus	SpeX	SJB	Remote obs
Mar. 17 Mo	18:00	20:30	P 017 Imanishi	SpeX	SJB	
	20:30	21:30	P 071 Rathbun	SpeX	SJB	Remote obs
	21:30	03:00	P 017 Imanishi	SpeX	SJB	
Mar. 18 Tu	03:00	11:00	D 088 Novak	CSHELL	JTR	Full moon
	18:00	03:00	P 017 Imanishi	SpeX	SJB	
Mar. 19 We	03:00	11:00	D 088 Novak	CSHELL	JTR	
	18:00	03:00	P 017 Imanishi	SpeX	SJB	
Mar. 20 Th	03:00	11:00	D 088 Novak	CSHELL	JTR	
	18:00	03:00	B 017 Imanishi	SpeX	SJB	
Mar. 21 Fr	03:00	11:00	D 088 Novak	CSHELL	JTR	
	18:00	03:00	B 007 Alonso-Herrero	SpeX	SJB	
Mar. 22 --	03:00	11:00	D 088 Novak	CSHELL	JTR	
	18:00	03:00	B 007 Alonso-Herrero	SpeX	SJB	
Mar. 23 --	03:00	11:00	D 088 Novak	CSHELL	JTR	
	18:00	03:00	B 007 Alonso-Herrero	SpeX	SJB	
Mar. 24 Mo	03:00	11:00	D 088 Novak	CSHELL	JTR	
	18:00	22:00	P 007 Alonso-Herrero	SpeX	SJB	
	22:00	23:00	P 071 Rathbun	SpeX	SJB	Remote obs
	23:00	06:00	P 007 Alonso-Herrero	SpeX	SJB	
Mar. 25 Tu	18:00	06:00	P 004 Rothberg	SpeX	SJB	
Mar. 26 We	18:00	06:00	P 004 Rothberg	SpeX	SJB	
Mar. 27 Th	18:00	06:00	P 004 Rothberg	SpeX	SJB	
Mar. 28 Fr	18:00	06:00	B 012 Biran	SpeX	SJB	Remote obs
Mar. 29 --	18:00	06:00	B 012 Biran	SpeX	SJB	Remote obs
Mar. 30 --	18:00	06:00	B 012 Biran	SpeX	SJB	Remote obs
Mar. 31 Mo	18:00	06:00	B 069 Turnshek	NSFCAM	JTR	

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
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004			Joseph			
005			Bauer, Sheppard, Jewitt			
007			Imanishi, Quillen			
008			Kudritzki			
012			Barucci, Bus, Fulchignoni, Binzel, Fornassier, Dotto			
017			Aoki			
023			Knacke, Rayner			
041			Yuan, Brotherton, Lacy, Vanden Berk, Richards, Laor, Becker			
045			Howell, Bus			
069			Rao, Nestor, Monier			
071			Spencer, Goguen			
088			Mumma, DiSanti, Dello Russo, Magee-Sauer			
096			Brown			
097			Sunshine			
099			Joseph, Pozzo			

# March 2003

## APRIL 2003 IRTF TELESCOPE SCHEDULE:

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
Apr. 1 Tu	18:00 06:00	P	069 Turnshek	NSFCAM	JTR	
Apr. 2 We	18:00 19:30	P	071 Rathbun	NSFCAM	SJB	Remote obs
	19:30 06:00	P	069 Turnshek	NSFCAM	JTR	
Apr. 3 Th	18:00 06:00	P	069 Turnshek	NSFCAM	JTR	
Apr. 4 Fr	18:00 06:00	P	006 Emery	SpeX	SJB	
Apr. 5 --	18:00 06:00	B	006 Emery	SpeX	SJB	
Apr. 6 --	18:00 06:00	B	006 Emery	SpeX	SJB	
Apr. 7 Mo	18:00 06:00	B	999 <b>Engineering</b>			
Apr. 8 Tu	18:00 06:00	B,D	999 <b>Engineering</b>			
Apr. 9 We	18:00 21:15	D	999 <b>Engineering</b>			
	21:15 22:15	D	071 Rathbun	NSFCAM	SJB	Remote obs
	22:15 06:00	D	999 <b>Engineering</b>			
Apr. 10 Th	16:00 19:00	D	071 Rathbun	NSFCAM	SJB	Remote obs
	19:00 06:00	D	059 Cruz	SpeX	SJB	
Apr. 11 Fr	18:00 06:00	D,P	059 Cruz	SpeX	SJB	
Apr. 12 --	18:00 06:00	P	059 Cruz	SpeX	SJB	
Apr. 13 --	18:00 06:00	P	093 Gregg	SpeX	JTR	
Apr. 14 Mo	18:00 06:00	P,B	093 Gregg	SpeX	JTR	
Apr. 15 Tu	18:00 06:00	B	093 Gregg	SpeX	JTR	
Apr. 16 We	18:00 22:15	B	048 Cushing	SpeX	JTR	Full moon
	22:15 23:15	B	071 Rathbun	SpeX	SJB	Remote obs
	23:15 06:00	B	048 Cushing	SpeX	JTR	
Apr. 17 Th	18:00 06:00	B	048 Cushing	SpeX	JTR	
Apr. 18 Fr	18:00 06:00	B	019 Hammel	SpeX	JTR	
Apr. 19 --	18:00 23:59	D	056 Bosh	SpeX	JTR	Remote obs
	23:59 06:00	D	019 Hammel	SpeX	JTR	
Apr. 20 --	18:00 23:59	D	056 Bosh	SpeX	JTR	Remote obs
	23:59 06:00	D	019 Hammel	SpeX	JTR	
Apr. 21 Mo	06:00 10:00		998 Krasnopolsky	CSHELL	JTR	
	18:00 06:00	D	043 Sheppard	SpeX	JTR	
Apr. 22 Tu	06:00 10:00		998 Krasnopolsky	CSHELL	JTR	
	18:00 06:00	B,P	043 Sheppard	SpeX	JTR	
Apr. 23 We	06:00 10:00		998 Krasnopolsky	CSHELL	JTR	
	18:00 06:00	B,P	999 <b>Engineering</b>			
Apr. 24 Th	18:00 06:00	B,P	999 <b>Engineering</b>			
Apr. 25 Fr	16:00 22:00	P	094 Goguen	NSFCAM/AO	JTR	
	22:00 04:00	P	999 <b>Engineering</b>			
Apr. 26 --	18:00 06:00	D	097 Bus	SpeX	SJB	Remote obs
Apr. 27 --	18:00 06:00	D	097 Bus	SpeX	SJB	Remote obs
Apr. 28 Mo	18:00 06:00	D	037 Keel	NSFCAM	SJB	
Apr. 29 Tu	18:00 06:00	D	037 Keel	NSFCAM	SJB	
Apr. 30 We	18:00 06:00	P	037 Keel	NSFCAM	SJB	

006 Brown  
019 Cushing, Marley  
037 Smail, Chapman  
043 Jewitt  
048 Hammel, Marley  
056 Elliot, Olkin, French, Rayner  
059 Reid  
069 Rao, Nestor, Monier  
071 Spencer, Goguen  
093 Lacy, Glikman, Becker, White  
097 Sunshine

# April 2003

## MAY 2003 IRTF TELESCOPE SCHEDULE:

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
May. 1 Th	18:00 06:00	P	037 Keel	NSFCAM	SJB	
May. 2 Fr	18:00 06:00	P	037 Keel	NSFCAM	SJB	
May. 3 --	18:00 06:00	P	072 Chanover	NSFCAM	SJB	
May. 4 --	18:00 06:00	D	072 Chanover	NSFCAM	SJB	
May. 5 Mo	18:00 06:00	D	072 Chanover	NSFCAM	SJB	
May. 6 Tu	18:00 06:00	D	025 Rayner	SpeX	JTR	Remote obs
May. 7 We	18:00 06:00	D	025 Rayner	SpeX	JTR	Remote obs
May. 8 Th	18:00 23:00	B	028 Marion	SpeX	JTR	Remote obs
	23:00 06:00	B	087 Prato	NSFCAM	SJB	
May. 9 Fr	18:00 23:59	B	022 Tedesco	MIRLIN	SJB	Chop sec on
	23:59 06:00	B	087 Prato	MIRLIN	SJB	
May. 10 --	18:00 23:59	B	022 Tedesco	MIRLIN	SJB	
	23:59 06:00	B	032 Harris	MIRLIN	SJB	
May. 11 --	18:00 06:00	B	022 Tedesco	MIRLIN	SJB	
May. 12 Mo	18:00 06:00	D	022 Tedesco	MIRLIN	SJB	
May. 13 Tu	18:00 23:59	D	022 Tedesco	MIRLIN	SJB	
	23:59 06:00	D	032 Harris	MIRLIN	SJB	
May. 14 We	18:00 06:00	D	022 Tedesco	MIRLIN	SJB	
May. 15 Th	18:00 23:59	D	022 Tedesco	MIRLIN	SJB	Full moon
	23:59 06:00	D	032 Harris	MIRLIN	SJB	
May. 16 Fr	18:00 02:00	B	015 Harrison	NSFCAM	JTR	Chop sec off
May. 17 --	02:00 06:00	B	099 Meikle	SpeX	JTR	Remote obs
	18:00 06:00	B	015 Harrison	NSFCAM	JTR	
May. 18 --	18:00 06:00	B	016 Harrison	SpeX	JTR	
May. 19 Mo	18:00 06:00	B	016 Harrison	SpeX	JTR	
May. 20 Tu	18:00 06:00	D	013 Burgasser	SpeX	JTR	
May. 21 We	18:00 06:00	D	013 Burgasser	SpeX	JTR	
May. 22 Th	18:00 06:00	D	013 Burgasser	SpeX	JTR	
May. 23 Fr	18:00 06:00	D	083 Rettig	CSHELL	JTR	
May. 24 --	18:00 06:00	B	083 Rettig	CSHELL	JTR	
May. 25 --	18:00 06:00	B	083 Rettig	CSHELL	JTR	
May. 26 Mo	18:00 23:59	B	999 <b>Engineering</b>			
	23:59 06:00	B	051 Klassen	NSFCAM/pol	SJB	Remote obs
May. 27 Tu	15:20 16:20	B,P	071 Rathbun	NSFCAM	SJB	Day remote obs
	18:00 23:59	B,P	999 <b>Engineering</b>			
	23:59 06:00	B,P	051 Klassen	NSFCAM/pol	SJB	Remote obs
May. 28 We	18:00 23:59	P	999 <b>Engineering</b>			
	23:59 06:00	P	051 Klassen	SpeX	SJB	Remote obs
May. 29 Th	18:00 06:00	P	058 Beck	SpeX	JTR	
May. 30 Fr	18:00 06:00	P,D	058 Beck	SpeX	JTR	
May. 31 --	18:00 06:00	D	058 Beck	SpeX	JTR	

013 McElwain, Kirtkpatrick

015 Osborne

016 Osborne

022 Bus, Bottke, Davis, Cellino, Michel, Morbidelli, Deutsch, Adams, Kassis, Hora,

025 Gregg, Silva, Vacca

028 Hoflich, Wheeler, Vacca

032 Bus, Delbo, Deutsch, Adams, Kassis, Hora

037 Smail, Chapman

051 Glenar, Bell

058 Simon, Prato

071 Spencer, Goguen

072 Vincent, Beebe

083 Brittain, Kulesa

099 Joseph, Pozzo

# May 2003

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
Jun. 1 --	18:00 06:00	D	070 Marsh	SpeX	SJB	Remote obs
Jun. 2 Mo	18:00 06:00	D,B	070 Marsh	SpeX	SJB	Remote obs
Jun. 3 Tu	17:15 18:15	B	071 Rathbun	SpeX	SJB	Day remote obs
	18:15 06:00	B	070 Marsh	SpeX	SJB	Remote obs
Jun. 4 We	18:00 06:00	B	070 Marsh	SpeX	SJB	Remote obs
Jun. 5 Th	18:00 06:00	B,P	008 Hanson	CSHELL	JTR	
Jun. 6 Fr	18:00 06:00	P	008 Hanson	CSHELL	JTR	
Jun. 7 --	18:00 06:00	P	008 Hanson	CSHELL	JTR	
Jun. 8 --	18:00 06:00	P,D	018 Fast	HIPWAC	SJB	Chop sec on
Jun. 9 Mo	18:00 06:00	D	018 Fast	HIPWAC	SJB	
Jun. 10 Tu	18:00 06:00	D	018 Fast	HIPWAC	SJB	
Jun. 11 We	18:00 06:00	D,B	018 Fast	HIPWAC	SJB	
Jun. 12 Th	18:00 06:00	B	018 Fast	HIPWAC	SB	
Jun. 13 Fr	18:00 06:00	B	065 Livengood	HIPWAC	SJB	
Jun. 14 --	18:00 06:00	B	065 Livengood	HIPWAC	SJB	Full moon
Jun. 15 --	18:00 06:00	P	065 Livengood	HIPWAC	SJB	
Jun. 16 Mo	18:00 06:00	P	065 Livengood	HIPWAC	SJB	
Jun. 17 Tu	18:00 23:59	P	999 <b>Engineering</b>	TEXES	JTR	Chopping sec off
	23:59 06:00	P	029 Krasnopolsky	TEXES	JTR	
Jun. 18 We	18:00 23:59	P	999 <b>Engineering</b>	TEXES	JTR	
	23:59 06:00	P	010 Encrenaz	TEXES	JTR	
Jun. 19 Th	18:00 23:59	D	999 <b>Engineering</b>	TEXES	JTR	
	23:59 06:00	D	010 Encrenaz	TEXES	JTR	
Jun. 20 Fr	18:00 22:00	D	064 Richter	TEXES	JTR	
	22:00 02:00	D	080 Lacy	TEXES	JTR	
Jun. 21 --	02:00 06:00	D	010 Encrenaz	TEXES	JTR	
	18:00 22:00	D	064 Richter	TEXES	JTR	
	22:00 02:00	D	080 Lacy	TEXES	JTR	
Jun. 22 --	02:00 06:00	D	010 Encrenaz	TEXES	JTR	
	18:00 22:00	D	064 Richter	TEXES	JTR	
	22:00 02:00	D	080 Lacy	TEXES	JTR	
Jun. 23 Mo	02:00 06:00	P	010 Encrenaz	TEXES	JTR	
	18:00 21:00	P	064 Richter	TEXES	JTR	
	21:00 03:00	P	080 Lacy	TEXES	JTR	
Jun. 24 Tu	03:00 06:00		010 Encrenaz	TEXES	JTR	
	18:00 06:00	P	085 Joseph	TEXES	JTR	
Jun. 25 We	18:00 06:00	P	078 Zhu	TEXES	JTR	
Jun. 26 Th	18:00 06:00	P	078 Zhu	TEXES	JTR	
Jun. 27 Fr	18:00 06:00	D	024 McCall	TEXES	JTR	
Jun. 28 --	18:00 23:59	D	064 Richter	TEXES	JTR	
	23:59 06:00	D	092 Jaffe	TEXES	JTR	
Jun. 29 --	18:00 23:59	D	064 Richter	TEXES	JTR	
	23:59 06:00	D	092 Jaffe	TEXES	JTR	
Jun. 30 Mo	18:00 23:59	D,B	064 Richter	TEXES	JTR	
	23:59 06:00	D,B	092 Jaffe	TEXES	JTR	

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
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008			Kudritzki			
010			Greathouse, Richter			
018			Kostiuk, Espenak			
024			Richter, Lacy			
029			Lacy, Richter			
064			Lacy, Jaffe, Blake			
065			Kostiuk, Maguire, Pearl, Deming, Espenak, Fast, Hewagama			
070			Jaffe, Tokunaga			
071			Spencer, Goguen			
078			Lacy			
080			Richter, Serabyn			
085			Lacy			
092			Lacy, Richter			

# June 2003



## JULY 2003 IRTF TELESCOPE SCHEDULE:

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
Jul. 1 Tu	18:00	23:59	B 064	Richter	TEXES	JTR
	23:59	06:00	B 092	Jaffe	TEXES	JTR
Jul. 2 We	18:00	23:59	B 064	Richter	TEXES	JTR
	23:59	06:00	B 010	Encrenaz	TEXES	JTR
Jul. 3 Th	14:00	19:00	B,D,P 071	Rathbun	NSFCAM	SJB
	19:00	21:00	B,D,P 999	<b>Engineering</b>	SpeX/Autofocus	JTR
	21:00	03:00	B,D,P 998	Rayner	SpeX	JTR
Jul. 4 Fr	03:00	06:00	P 050	Young, L.	SpeX	SJB Remote obs
	18:00	06:00	P 997	Binzel	SpeX	SJB
Jul. 5 --	14:15	15:15	P,D 071	Rathbun	NSFCAM	SJB
	18:00	02:00	P,D 998	<b>Engineering</b>	JRT	JTR
	02:00	06:00	P,D 997	Hanson	CSHELL	JTR
Jul. 6 --	18:00	20:00	P,D 999	<b>Engineering</b>	SpeX	JTR
	20:00	06:00	P,D 998	Rayner	SpeX	JTR
Jul. 7 Mo	18:00	06:00	D 021	Jones	NSFCAM/AO	JTR
Jul. 8 Tu	18:00	06:00	D 021	Jones	NSFCAMAO	JTR
Jul. 9 We	18:00	06:00	D,B 014	Woodward	NSFCAM/AO	JTR
Jul. 10 Th	17:00	21:00	B 071	Rathbun	NSFCAM	SJB
	21:00	06:00	B 014	Woodward	NSFCAM/AO	JTR
Jul. 11 Fr	18:00	06:00	B 999	<b>Engineering</b>	MIRSI	SJB Chop sec on
Jul. 12 --	18:00	06:00	B,P 999	<b>Engineering</b>	MIRSI	SJB
Jul. 13 --	18:00	06:00	P 090	Kassis	MIRSI	SJB Full moon
Jul. 14 Mo	18:00	06:00	P 090	Kassis	MIRSI	SJB
Jul. 15 Tu	18:00	06:00	P,D 042	Williams	MIRSI	SJB
Jul. 16 We	18:00	06:00	D 042	Williams	MIRSI	SJB
Jul. 17 Th	18:00	06:00	D 042	Williams	MIRSI	SJB
Jul. 18 Fr	18:00	06:00	D,B 042	Williams	MIRSI	SJB
Jul. 19 --	18:00	23:59	B 022	Tedesco	MIRSI	SJB
	23:59	06:00	B 042	Williams	MIRSI	SJB
Jul. 20 --	18:00	06:00	B 022	Tedesco	MIRSI	SJB
Jul. 21 Mo	18:00	23:59	B 028	Marion	SpeX	JTR Remote obs; chop sec off
	23:59	06:00	B 099	Meikle	SpeX	JTR Remote obs
Jul. 22 Tu	18:00	06:00	P 074	Sromovsky	NSFCAM/AO	JTR
Jul. 23 We	18:00	06:00	P 074	Sromovsky	NSFCAM/AO	JTR
Jul. 24 Th	18:00	06:00	P,D 073	Sromovsky	SpeX	SJB
Jul. 25 Fr	18:00	06:00	D 073	Sromovsky	SpeX	SJB
Jul. 26 --	18:00	23:59	D 061	Ramirez	CSHELL	SJB
	23:59	07:00	D 051	Klassen	NSFCAM/pol	SJB
Jul. 27 --	18:00	23:59	D,B 061	Ramirez	CSHELL	SJB
	23:59	07:00	D,B 051	Klassen	SpeX	SJB
Jul. 28 Mo	18:00	23:59	B 061	Ramirez	CSHELL	SJB
	23:59	02:30	B 050	Young, L.	SpeX	SJB Remote obs
Jul. 29 Tu	02:30	07:00	B 051	Klassen	SpeX	SJB
Jul. 30 We	18:00	06:00	B 098	Sellgren	NSFCAM	SJB
	18:00	06:00	B,P 098	Sellgren	NSFCAM	SJB
Jul. 31 Th	18:00	06:00	P 046	Smith	CSHELL	SJB Remote obs

HST Date	HST Time	TO	Prog and PI	Instrument	SA	Comments
010			Greathouse, Richter			
014			Kelley, Jones			
021			Kelley, Woodward			
022			Bus, Bottke, Davis, Cellino, Michel, Morbidelli, Deutsch, Adams, Kassis, Hora,			
028			Hoflich, Wheeler, Vacca			
042			Tokunaga, Deutsch, Hora, Adams, Kassis, DiFrancesco, Johnstone			
046			Gehrz			
050			Young, Grundy			
051			Glenar, Bell			
061			Sellgren, Blum			
064			Lacy, Jaffe, Blake			
071			Spencer, Goguen			
073			Fry			
074			Fry			
090			Deutsch, Bakes			
092			Lacy, Richter			
098			Blum			
099			Joseph, Pozzo			

# July 2003

<b>HST Date</b>	<b>HST Time</b>	<b>TO</b>	<b>Prog and PI</b>	<b>Instrument</b>	<b>SA</b>	<b>Comments</b>
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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.

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 Division Chief 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 "1st 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 1 month in advance of your run. Please note that IRTF facility instrumentation is provided as documented on our web site (<http://irtf.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. 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 Mr. George Koenig, the IRTF Interim Superintendent.

SA (Support Astronomer)

ATT = Alan Tokunaga

JTR = John Rayner

SJB = Schelte (Bobby) Bus