

# 60" Schedule for January 2010 (as of 04 January 2010)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Jan 1 Fri	0.96	TRES	PB	TRES Combo		NEW YEAR's DAY
Jan 2 Sat	0.91	"	"	"		
Jan 3 Sun	0.82	"	"	"		
Jan 4 Mon	0.72	"	Esquerdo	"		
Jan 5 Tue	0.62	FAST	"	FAST Combo		
Jan 6 Wed	0.51	"	"	"		
Jan 7 Thu	0.40	"	MC	"		
Jan 8 Fri	0.30	"	"	"		
Jan 9 Sat	0.21	"	"	"		
Jan 10 Sun	0.14	"	PB	"		
Jan 11 Mon	0.08	"	"	"		
Jan 12 Tue	0.04	"	"	"		
Jan 13 Wed	0.01	"	MC	"		
Jan 14 Thu	0.00	"	"	"		
Jan 15 Fri	0.01	"	"	"		
Jan 16 Sat	0.03	"	PB	"		
Jan 17 Sun	0.07	"	"	"		
Jan 18 Mon	0.13	"	"	"		MLK DAY
Jan 19 Tue	0.20	"	MC	"		
Jan 20 Wed	0.28	"	"	"		
Jan 21 Thu	0.38	"	"	"		
Jan 22 Fri	0.47	"	PB	"		
Jan 23 Sat	0.58	"	"	"		
Jan 24 Sun	0.68	"	"	"		
Jan 25 Mon	0.78	TRES	Esq/Quinn	TRES Combo		
Jan 26 Tue	0.87	"	Esq/Quinn	"		
Jan 27 Wed	0.94	"	Quinn	"		
Jan 28 Thu	0.98	"	"	"		
Jan 29 Fri	1.00	"	"	"	MC/HC	
Jan 30 Sat	0.98	"	"	"	"	
Jan 31 Sun	0.93	"	"	"	"	

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

\*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

**JAN FAST Combo (program & effective nights):** (20 nights)

Kilic 178 (low-mass WDs) 2 nights, Brown 182 (Run-away B) 2 nights,  
 Wright 157 (IPHAS H-alpha) 1 night, Torres 195 (HESS) 0.5 night,  
 Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights,  
 Green 189 (S dwarfs) 0.5 night, Torres M. 149 (TOO XRN) 2 nights,  
 Briceno 112 (Ori B1) 2 nights, Green 67 (Oxymoron) 1 night,  
 Green 129 (ChAMP) 1 night, Tang 192 (DASCH variables) 1 night,  
 Zezas 176 (Be/X bin.) 0.5 night, Huchra 141 (2MASS) 2 nights,  
 Huchra 6 (AGNWATCH) 0.5 night.

**NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRN) have highest priority.**

**TRES Combo** for trimester:

Berta 145 (MEarth Candidates) 5 nights, Latham 123 (Kepler candidates) 10

nights, Fabrycky 16 (Spin-orbit alignment) 2 nights, Latham (Transit follow-up) 20 nights, Torres M. 17 (HESS) 1 night, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 15 (low-mass eclipsing) 4 nights, Torres G. 5 (Accurate masses sel. ecl. bin.) 3 nights, Torres G. 6 (Pleiades Binary Survey) 2 nights.

# 60" Schedule for February 2010 (as of 04 January 2010)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Feb 1 Mon	0.86	TRES	Esquerdo	TRES Combo	MC/HC
Feb 2 Tue	0.77	"	"	"	PB/HC
Feb 3 Wed	0.67	"	"	"	"
Feb 4 Thu	0.57	"	"	"	"
Feb 5 Fri	0.46	FAST	Brown	FAST Combo	"
Feb 6 Sat	0.36	"	"	"	MC/HC
Feb 7 Sun	0.27	"	"	"	"
Feb 8 Mon	0.19	"	"	"	MC/HS
Feb 9 Tue	0.12	"	Hora	"	"
Feb 10 Wed	0.07	"	"	"	PB/HS
Feb 11 Thu	0.03	"	"	"	"
Feb 12 Fri	0.01	"	Cambridge	"	"
Feb 13 Sat	0.00	"	"	"	"
Feb 14 Sun	0.01	"	"	"	MC/HS
Feb 15 Mon	0.04	"	"	"	" PRESIDENT'S DAY
Feb 16 Tue	0.09	"	"	"	"
Feb 17 Wed	0.15	"	"	"	"
Feb 18 Thu	0.23	"	"	"	PB/HS
Feb 19 Fri	0.32	"	Cramer	SPcal/FAST Combo	"
Feb 20 Sat	0.41	"	"	"	"
Feb 21 Sun	0.52	"	"	"	"
Feb 22 Mon	0.63	TRES	Quinn	TRES Combo	MC/HS
Feb 23 Tue	0.74	"	"	"	"
Feb 24 Wed	0.83	"	"	"	"
Feb 25 Thu	0.91	"	"	"	"
Feb 26 Fri	0.97	"	"	"	"
Feb 27 Sat	1.00	"	MC	"	"
Feb 28 Sun	0.99	"	"	"	"

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

\*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

## FEB FAST Combo (program & effective nights): (18 nights)

Kilic 178 (low-mass WDs) 2 nights, Brown 182 (Run-away B) 2 nights,  
 Wright 157 (IPHAS H-alpha) 1 night, Torres 195 (HESS) 0.5 night,  
 Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights,  
 Hora 194 (Warm Spitzer NEOs) 0.5 night, Torres M. 149 (TOO XRN) 1 night,  
 Briceno 112 (Ori B1) 2 nights, Green 67 (Oxymoron) 1 night,  
 Green 129 (ChaMP) 1 night, Tang 192 (DASCH variables) 1 night,  
 Zezas 176 (Be/X bin.) 0.5 night, Huchra 141 (2MASS) 1 night,  
 Huchra 6 (AGNWATCH) 0.5 night.

**NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.**

## TRES Combo for trimester:

Berta 145 (MEarth Candidates) 5 nights, Latham 123 (Kepler candidates) 10 nights, Fabrycky 16 (Spin-orbit alignment) 2 nights, Latham (Transit follow-up) 20 nights, Torres M. 17 (HESS) 1 night, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 15 (low-mass eclipsing) 4 nights,

Torres G. 5 (Accurate masses sel. ecl. bin.) 3 nights, Torres  
G. 6 (Pleiades Binary Survey) 2 nights.

# 60" Schedule for March 2010 (as of 04 January 2010)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Mar 1 Mon	0.96	TRES	Szentgyorgy	TRES+Laser Comb	PB/HC
Mar 2 Tue	0.90	"	"	"	"
Mar 3 Wed	0.82	"	"	"	"
Mar 4 Thu	0.73	"	"	"	"
Mar 5 Fri	0.63	"	"	"	MC/HC
Mar 6 Sat	0.53	"	"	"	MC/HS
Mar 7 Sun	0.43	"	Furesz	TRES Combo	"
Mar 8 Mon	0.34	"	"	"	"
Mar 9 Tue	0.25	"	"	"	PB/HS
Mar 10 Wed	0.18	FAST	PB	FAST Combo	
Mar 11 Thu	0.11	"	"	"	
Mar 12 Fri	0.06	"	"	"	
Mar 13 Sat	0.02	"	MC	"	
Mar 14 Sun	0.01	"	"	"	
Mar 15 Mon	0.00	"	"	"	
Mar 16 Tue	0.02	"	"	"	
Mar 17 Wed	0.06	"	Berger	Astro 101	
Mar 18 Thu	0.11	"	"	"	
Mar 19 Fri	0.18	"	PB	FAST Combo	
Mar 20 Sat	0.27	"	"	"	
Mar 21 Sun	0.37	"	MC	"	
Mar 22 Mon	0.47	"	"	"	
Mar 23 Tue	0.59	"	"	"	
Mar 24 Wed	0.70	TRES	Esquerdo	TRES Combo	
Mar 25 Thu	0.80	"	"	"	
Mar 26 Fri	0.89	"	"	"	
Mar 27 Sat	0.95	"	MC	"	
Mar 28 Sun	0.99	"	"	"	
Mar 29 Mon	1.00	"	Stefanik	"	PB/HC
Mar 30 Tue	0.98	"	"	"	"
Mar 31 Wed	0.93	"	"	"	"

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

\*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

**MAR FAST Combo (program & effective nights):** (14 nights)

Kilic 178 (low-mass WDs) 2 nights, Brown 182 (Run-away B) 2 nights, Torres 195 (HESS) 0.5 night, Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights, Green 189 (S dwarfs) 0.5 night, Hora 194 (Warm Spitzer NEOs) 0.5 night, Torres M. 149 (TOO XRN) 1 night, Briceno 112 (Ori B1) 0.5 night, Green 67 (Oxymoron) 0.5 night, Green 129 (ChaMP) 1 night, Tang 192 (DASCH variables) 1 night, Zezas 176 (Be/X bin.) 0.5 night, Huchra 141 (2MASS) 1 night, Huchra 6 (AGNWATCH) 1 night.

**NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.**

**TRES Combo** for trimester:

Berta 145 (MEarth Candidates) 5 nights, Latham 123 (Kepler candidates) 10 nights, Fabrycky 16 (Spin-orbit alignment) 2 nights, Latham (Transit

follow-up) 20 nights, Torres M. 17 (HESS) 1 night, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 15 (low-mass eclipsing) 4 nights, Torres G. 5 (Accurate masses sel. ecl. bin.) 3 nights, Torres G. 6 (Pleiades Binary Survey) 2 nights.

# 60" Schedule for April 2010 (as of 04 January 2010)

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DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Apr 1 Thu	0.87	TRES	Stefanik	TRES Combo	PB/HC
Apr 2 Fri	0.79	"	"	"	MC/HC
Apr 3 Sat	0.69	"	"	"	MC/HS
Apr 4 Sun	0.60	"	"	"	"
Apr 5 Mon	0.50	"	"	"	"
Apr 6 Tue	0.41	FAST	Cambridge	FAST Combo	PB/HS
Apr 7 Wed	0.32	"	"	"	"
Apr 8 Thu	0.24	"	"	"	"
Apr 9 Fri	0.16	"	"	"	"
Apr 10 Sat	0.10	"	"	"	MC/HS
Apr 11 Sun	0.05	"	"	"	"
Apr 12 Mon	0.02	"	MC	"	"
Apr 13 Tue	0.00	"	PB	"	"
Apr 14 Wed	0.01	"	"	"	"
Apr 15 Thu	0.03	"	"	"	"
Apr 16 Fri	0.08	"	MC	"	"
Apr 17 Sat	0.15	"	"	"	"
Apr 18 Sun	0.23	"	"	"	"
Apr 19 Mon	0.33	"	PB	"	"
Apr 20 Tue	0.44	"	"	"	"
Apr 21 Wed	0.55	TRES	"	TRES Combo	"
Apr 22 Thu	0.67	"	"	"	"
Apr 23 Fri	0.77	"	MC	"	"
Apr 24 Sat	0.86	"	"	"	"
Apr 25 Sun	0.93	"	"	"	"
Apr 26 Mon	0.98	"	Esquerdo	"	"
Apr 27 Tue	1.00	"	"	"	"
Apr 28 Wed	0.99	"	"	"	"
Apr 29 Thu	0.96	"	Quinn	"	"
Apr 30 Fri	0.91	"	"	"	"

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

\*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

**APR FAST Combo (program & effective nights):** (15 nights)

Kilic 178 (low-mass WDs) 1 night, Brown 182 (Run-away B) 1 night, Torres 195 (HESS) 0.5 night, Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights, Torres M. 149 (TOO XRN) 1 night, Green 67 (Oxymoron) 0.5 night, Green 129 (ChaMP) 1 night, Tang 192 (DASCH variables) 1 night, Zezas 176 (Be/X bin.) 0.5 night, Huchra 141 (2MASS) 2 nights, Huchra 6 (AGNWATCH) 0.5 night.

**NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.**

**TRES Combo** for trimester:

Berta 145 (MEarth Candidates) 5 nights, Latham 123 (Kepler candidates) 10 nights, Fabrycky 16 (Spin-orbit alignment) 2 nights, Latham (Transit follow-up) 20 nights, Torres M. 17 (HESS) 1 night, Torres G. 8 (Accurate

masses evolved) 2 nights, Torres G. 15 (low-mass eclipsing) 4 nights,  
Torres G. 5 (Accurate masses sel. ecl. bin.) 3 nights, Torres  
G. 6 (Pleiades Binary Survey) 2 nights.

# 60" Proposal Summary January–April 2010

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Prog P.I.

Grade