

## McDonald Observing Schedule – July 2023

DATE (Civil)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
DAY OF WEEK	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M			
PHENOMENA			FM						3 <sup>rd</sup> Q							NM									1 <sup>st</sup> Q									
Other Notes				HOL										BOV	BOV																			
<b>2.7m</b> <b>PI/Prop. No.</b>	MKa 5	MKa 5	MKa 5	MKa 5	RK	RK	RK	KH 13	KH 13	KH 13	KH 13	KH 13	KH 13	BOV	BOV	ME 16	ME 16	PK 14	PK 14	PK 14	PK 14	PK 14	PK 14	RGV	RGV	RGV	RK 1	RK 1	RK 1	RK 1	RK 1			
1st Equipment	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	eye	eye	TS23	TS23	GCMS	GCMS	GCMS	GCMS	GCMS	GCMS	DF	DF	DF	TS23	TS23	TS23	TS23	TS23			
2nd Equipment																																		
Remote/Assisted?					X	X	X																											
Focus	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/9	F/9	F/9	F/9	F/9	F/9	F/9	F/9	F/9	F/9	F/9	F/9	F/33	F/33	F/33	F/33	F/33
<b>2.1m</b> <b>PI/Prop. No.</b>					REU	REU	REU							BOV	BOV		MK 5	MK 5	MK 5	RGV	RGV	RGV	RGV											
Equipment					Pro	Pro	Pro							eye	eye		Pro	Pro	Pro	Pro	Pro	Pro	Pro											
Focus					F/14	F/14	F/14							F/14	F/14		F/14	F/14	F/14	F/14	F/14	F/14	F/14											
<b>0.9m</b> <b>Program</b>					REU eye	REU eye	REU eye	SVN			SVN		SVN	BOV	BOV			SVN		SVN	SVN	SVN										TW	TW	
<b>0.8m</b> <b>PI/Prop. No.</b>					REU	REU	REU										AM 1	AM 1	AM 1	RGV	RGV	RGV	RGV	RGV	RGV	RGV								

**OBSERVER LEGEND**

AM = A. McKay (App State)	KH = K. Hawkins	PK = P. Kelly (Minnesota)
ASA = Astro. Stud. Assoc.	LP = L. Prato (Lowell)	PM = P. Mason (NMSU)
CJK = C. Johns-Krull (Rice)	MB = M. Berg	RGV = UT RGV REU
CM = C. Manea	ME = M. Endl	RK = R. Kerr
CS = C. Sneden	MK = M. Kao	RO = R. Oelkers (TAMU)
DP = D. Pooley (Trinity)	MKa = M. Karjalainen (Czech)	TK = t. Kupfer (Texas Tech)
GSC = Grad. Student Course	ML = M. Lucey	
IL = I. Losada	PF = P/ Frinchaboy (TCU)	

REU = Research Experiences for Undergrad  
 SVN = Special Viewing Night  
 TW = Teachers Workshop

**EQUIPMENT LEGEND**

ES2 = low-resolution Cass. Spectrograph  
 TS1, TS2 = Tull coude spectrographs  
 SES=Sandiford Echelle Spectrograph  
 GMS = George Mitchell spectrograph  
 VW=VIRUS-W  
 Pro=ProEM      IG=IGRINS  
 SQ=SQuean      DF=DIAFI

**NOTES**

[Updated Mt. Locke Operations Schedules](http://astro.as.utexas.edu/pub/mcdonald/schedules/)  
[ftp://astro.as.utexas.edu/pub/mcdonald/schedules/](http://astro.as.utexas.edu/pub/mcdonald/schedules/)  
[Updated HET Operations Schedules](http://het.as.utexas.edu/HET/Schedules/schedule.html)  
<http://het.as.utexas.edu/HET/Schedules/schedule.html>