

### McDonald Observing Schedule – July 2021

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	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	Tu	W	Th	F	Sa	
PHENOMENA	3 <sup>rd</sup> Q								NM								1 <sup>st</sup> Q							FM							3 <sup>rd</sup> Q	
Other Notes				BOL																												
<b>2.7m</b> PI/Prop. No.	TGB 2	TGB 2	TGB 2	TGB 2	TGB 2	BT 16	BT 16	BT 16	JC 7 TAU	JC 7 TAU	JC 7 TAU	REU	REU	REU	ME 8	ME 8	ME 8	MK 5	MK 5	MK 5	MK 5	SF 4	SF 4	SF 4	SF 4	SF 4	SF 4	ZV 9	ZV 9	ZV 9	ZV 9	
1st Equipment	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	GMS	GMS	GMS	GMS	GMS	GMS	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS21	TS21	TS21	TS21	TS21	TS21	TS21	TS23	TS23	TS23	TS23
2nd Equipment																																
Remote/Assisted?	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Focus	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/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	
<b>2.1m</b> PI/Prop. No.								TK 1	TK 1	TK 1	TK 1	REU	REU	REU																		
Equipment								Pro	Pro	Pro	Pro	SQ	SQ	SQ																		
Focus								F/14	F/14	F/14	F/14	F/14	F/14	F/14																		
<b>0.9m</b> Program																																
<b>0.8m</b> PI/Prop. No.						AM	AM	AM																								

**OBSERVER LEGEND**

ALC=A. Cochran	KC=K. Carrell (ASU)	P Ne=P. Nemeth (Krakow)
AS=A. Stahl (Rice)	LP=L. Prato (Lowell)	REU=Res. Exp. Undergrad
BC=B. Castenheira (Baylor)	ME=M. Endl	SF=S. Federman (Toledo)
BOV=Board of Visitors	MF=M. Fabricius (MPE)	TAU=TAURUS
BT=B. Tofflemire	MK=M. Karjalainen (Czech Acad.)	TGB=T. Barnes
CM=C. Manea	MLL=M. Lara-Lopez (Armagh)	TH=T. Hansen (TAMU)
JC=J. Chisholm	PM=P. Mason (NMSU)	TK=T. Kupfer (T. Tech)
JY=J. Younge (Mt. Holyoke)	P Na=P. Nair (Alabama)	ZV=Z. Vanderbosch
AM=A. McKay (GFSC)		

**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**

[1] PJM daytime engineering using coude
[2] ZV run continues through 8/1/2021
<u>Updated Mt. Locke Operations Schedules</u>
<a href="ftp://astro.as.utexas.edu/pub/mcdonald/schedules/">ftp://astro.as.utexas.edu/pub/mcdonald/schedules/</a>
<u>Updated HET Operations Schedules</u>
<a href="http://het.as.utexas.edu/HET/Schedules/schedule.html">http://het.as.utexas.edu/HET/Schedules/schedule.html</a>