

### McDonald Observing Schedule -- November 2018

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	
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	
PHENOMENA							NM								1 <sup>st</sup> Q								FM							3 <sup>rd</sup> Q	
Other Notes														SVN									HOL	HOL							
<b>2.7m</b>	DLL	DLL	DLL	DLL	DLL	MF	MF	MF	MF	MF	MF	MF	CJK	CJK	CJK	CJK	CJK	AST	AST	AST	AST	AST	AST	AST	CJK	CJK	CJK	CJK	CJK	CJK	
<b>PI/Prop. No.</b>	4	5	5	5	5	14	14	14	14	14	14	14	19	19	19	19	19								19	19	19	19	19	19	
<b>[notes]</b>																														[1]	
1st Equipment	TS23	TS23	TS23	TS23	TS23	VW	VW	VW	VW	VW	VW	VW	TS23	TS23	TS23	TS23	TS23	DF	DF	DF	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23	TS23		
2nd Equipment																															
Focus	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/33	F/33	F/33	F/33	F/33	F/9	F/9	F/9	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33	F/33		
<b>2.1m</b>		SVN	SVN	SVN	JGR	JGR	JGR	JGR	ZV	ZV	ZV	ZV	ZV	ZV	JR	JR	JR	JR	JR												
<b>PI/Prop. No.</b>		(Orion)	(Orion)	(Orion)	1	1	1	1	4	4	4	4	4	4	3	3	3	3	3												
Equipment					CQ	CQ	CQ	CQ	Pro	Pro	Pro	Pro	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	F/14	F/14	F/14	F/14	F/14	F/14												
<b>0.9m</b>			SVN						SVN	SVN	SVN																	SVN		SVN	
<b>Program</b>			(Orion)																												
<b>0.8m</b>	AST	AST	AST	Im	AM	AM	AM	AST	AST	AST	Im	Im	CJK	CJK	CJK	CJK	CJK	CJK	Im	Im	Im	Im				CJK	CJK	CJK	CJK	CJK	
<b>PI/Prop. No.</b>				1	2	2	2				1	1	3	3	3	3	3	3	1	1	1	1				3	3	3	3	3	3
																														[1]	

**OBSERVER LEGEND**

AST=Astro 376	CJK=C. Johns-Krull (Rice)	JR=J. Reding (UNC)
ALC=A. Cochran	MK=M. Karjalainen (INT)	JGR=J. Ries
WDC=W. Cochran	DLL=D. Lambert	CS=C. Sneden
ME=M. Endl	MLL=M. Lara-Lopez (Copenhagen)	ZV=Z. Vandenbosch
MF=M. Fabricius (MPE)	HL=H. Lee	AV=A. Vanderburg
IM=M. Im (Seoul)	RL=R. Lopez	JCW=C. Wheeler
SJ=S. Janowiecki	AM=A. McKay (GSFC)	

**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  
 CQ=Cquean      DF=DIAFI

**NOTES**

[1] CJK runs (2.7m and 0.8m) continue through 2 December  
[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>