

McDonald Observing Schedule -- December 2003

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		
Tx TRAVEL DAYS	M		W	Th	F		Su	M			Th	F						Th		Sa	Su	M	Tu			F	Sa		M	Tu			
18° TWILIGHT (eve/morn UTC)	0119	0120	0120	0120	0120	0120	0120	0120	0121	0121	0121	0122	0122	0122	0123	0123	0123	0124	0124	0125	0125	0126	0126	0127	0127	0128	0128	0129	0130	0130	0131		
PHENOMENA								FM		PVN						3rdQ						Hol	NM/Ho	Hol	Hol	Hol	Hol	Hol	Hol	Hol	stQ/Ho	Hol	
LMST at midnight	0347	0351	0354	0358	0402	0406	0410	0414	0418	0422	0426	0430	0434	0438	0442	0446	0450	0453	0457	0502	0505	0509	0513	0517	0521	0525	0529	0533	0537	0541	0545		
2.7m PI/Prop. No. [notes] 1st Equipment	SR (29)	SR (29)	SR (29)	PWK KeB (1,25) [1]	PWK KeB (1,25) [1]	DL (3)	DL (3)	DL (3)	DL (3)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	DL (2,5)	CG (12)	CG (12)	CG (12)	CG (12)	CG (12)	CG (12)	CG (12)	CJ (9)	CJ (9)	CJ (9)	NS (22)	NS (22)	
2nd Equipment	cs12 TK 4	cs12 TK 4	cs12 TK 4	cs21 TK 3	cs21 TK 3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs21 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	cs23 TK3	LCS CC1	LCS CC1	LCS CC1	LCS CC1	LCS CC1	LCS CC1	LCS CC1	cs23 TK 3	cs23 TK 3	cs23 TK 3	CSpC ROK	CSpC ROK		
Guider Focus	SNC <--	SNC --	SNC --	SNC --	SNC --	SNC F	SNC L	SNC I	SNC P	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	SNC --	APG F	APG L	APG I	APG P	APG --	APG --	APG --	APG --	APG --	APG -->		
2.1m PI/Prop. No. Equipment Guider	VS (17)	VS (17)	VS (17)	VS (17)	JkW (2)	JkW (2)	JkW (2)	VS (17)	VS (17)	VS (17)	VS (17)	TB (14)	TB (14)	TB (14)	TB (14)	TB (14)	TB (14)	VC (3)	VC (3)	VC (3)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	AM (5)	CaH (9)
	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	WHT own µL	WHT own µL	WHT own µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	CE RA 2 µL	cce	cce	cce	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	argos f/3.9 ccd	CE RA 2 µL	
0.9m Program					Yale eng	Yale eng	Yale eng	Yale eng	Yale eng	Yale eng																							
0.8m PI/Prop. No.					pump	LC (6)	LC (6)	LC (6)	LC (6)	LC (6)	LC (6)	LC (6)	LC (6)	LC (6)	LC (1)	LC (1)	LC (1)	LC (1)	LC (1)	LC (1)	LC (1)						CJ (5)	CJ (5)	CJ (5)	CJ (5)			

OBSERVER LEGEND

CaH = Hamilton (Rice) JGR = Györgyey-Ries
 KeB = Baines (JPL) CJ = Johns-Krull (Rice) JS = Silge
 TB = Barnes DL = Lambert VS = Smith (UTEP/SIM)
 LC = Cieza AM = Mukadam NS = Sterling
 CG = Gerardy SR = Redfield JkW = Wilson (Boston U.)

SVP = Special Visitor Program VC = Visitor Center-PVN

HET Operations Schedule: posted -- 12/1/03-- see website for updates

Inst Com: MRS: Dec 6-11 Science with HRS/LRS: December 1 - 31
 Engineering: tba

EQUIPMENT LEGEND

LCS, MOS, CE, es2 = Cass. spectrographs
 cs1, cs2 = coudé spectrographs
 ROK = IR imaging system
 CSpC, NIRSHELL = IR spectrographs
 IGI = imaging spectrograph
 SPol, IGP, pol = polarimeters
 WHT = CCD guider
 VE = visual tailpiece cce=cass camera eyepiece
 Remote/Auto Guiders = *1 (Star 1), APG, PXL, µL (MicroLuminetics), SNC (Scanco)

PHENOMENA (night of civil date) and NOTES

[1] = Daytime engineering on TCS system

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