

Issued: 2017 Jun 27; Amended 2017 Sep 8

## McDonald Observing Schedule -- September 2017

| 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                    | 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                      |         |         |         |         |             |         |         |         |         |             |           |           | 3rd Q    |          |           |           |           |          |          | NM  |         |         |         |         |      |          | 1st Q    |          |          |          |          |
| Other Notes                    |         |         |         | HOL     |             |         |         |         |         |             |           |           | SVN      |          |           |           |           |          |          |   |         |         |         |         |      |          |          |          |          |          |          |
| <b>2.7m</b>                    | SF<br>2 | SF<br>2 | SF<br>2 | SF<br>2 | AH<br>4     | AH<br>4 | AH<br>4 | AH<br>4 | AH<br>4 | WDC<br>6    | WDC<br>6  | WDC<br>6  | ME<br>10 | ME<br>10 | LL<br>18  | LL<br>18  | LL<br>18  | LL<br>18 | LL<br>18 | Engineering - own equipment<br>Brendan Bowler |         |         |         |         |      | AV<br>14 | AV<br>14 | AV<br>14 | AV<br>14 | AV<br>14 | AV<br>14 |
| <b>PI/Prop. No.</b><br>[notes] |         |         |         |         |             |         |         |         |         | ALC<br>13   | ALC<br>13 | ALC<br>13 |          |          |           |           |           |          |          |   |         |         |         |         |      |          |          |          |          |          |          |
| 1st Equipment                  | TS21    | TS21    | TS21    | TS21    | TS23        | TS23    | TS23    | TS23    | TS23    | TS23        | TS23      | TS23      | TS23     | TS23     | GMS       | GMS       | GMS       | GMS      | GMS      |   |         |         |         |         |      | TS23     | TS23     | TS23     | TS23     | TS23     | TS23     |
| 2nd Equipment                  |         |         |         |         |             |         |         |         |         | TS23<br>[1] | TS23      | TS23      |          |          |           |           |           |          |          |   |         |         |         |         |      |          |          |          |          |          |          |
| 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/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     |
| <b>2.1m</b>                    | MH      | MH      | MH      | MH      | Aluminizing |         |         |         |         |             |           | JGR<br>5  | JGR<br>5 | JGR<br>5 | JGR<br>5  | Im<br>3   | Im<br>3   | Im<br>3  | Im<br>3  | Im<br>3                                       | Im<br>3 | Im<br>3 | Im<br>3 | Im<br>3 |      |          |          |          |          | KC       | KC       |
| <b>PI/Prop. No.</b>            |         |         |         |         |             |         |         |         |         |             |           |           |          |          |           |           |           |          |          |   |         |         |         |         |      |          |          |          |          |          |          |
| Equipment                      | ES2     | ES2     | ES2     | ES2     |             |         |         |         |         |             |           | CQ        | CQ       | CQ       | CQ        | CQ        | CQ        | CQ       | CQ       | CQ  | CQ      | CQ      | CQ      | CQ      | CQ   | CQ       | CQ       | CQ       | CQ       | SES      | SES      |
| 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     | 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<br>VC | SVN<br>VC | SVN<br>VC |          |          |   |         |         |         |         |      |          |          |          |          |          |          |
| <b>Program</b>                 |         |         |         |         |             |         |         |         |         |             |           |           |          |          |           |           |           |          |          |   |         |         |         |         |      |          |          |          |          |          |          |
| <b>0.8m</b>                    |         |         |         |         |             |         |         |         |         |             |           |           |          |          |           | Im        | Im        | AM<br>1  | AM<br>1  | AM<br>1                                       | Im      | Im      | Im      | Im      |      |          |          |          |          |          |          |
| <b>PI/Prop. No.</b>            |         |         |         |         |             |         |         |         |         |             |           |           |          |          |           |           |           |          |          |   |         |         |         |         |      |          |          |          |          |          |          |

**OBSERVER LEGEND**

|                           |                               |                      |
|---------------------------|-------------------------------|----------------------|
| KC=K. Carrell (Angelo St) | MJ=M. Johnson (OSU)           | CS=C. Sneden         |
| ALC=A. Cochran            | DK=D. Krolkowski              | PS=P. Sowicka (CAMK) |
| WDC=W. Cochran            | LL=M. Lara-Lopez (Copenhagen) | TAU=TAURUS           |
| ME=M. Endl                | MJK=M.-J. Kim (KASI)          | AV=A. Venderburg     |
| SF=S. Federman (Toledo)   | AK=A. Kraus                   | ZV=Z. Vanderbosch    |
| PF=P. Frinchaboy (TCU)    | AM=A. McKay (GSFC)            | JCW=C. Wheeler       |
| AH=A. Hatzes (TLS)        | EN=E/Noyola                   |                      |
| MH=M. Haueser (MPE)       | JGR=J. Ries                   |                      |
| Im=M. Im (SNU)            |                               |                      |

**EQUIPMENT LEGEND**

ES2 = low-resolution Cass. Spectrograph  
 TS1, TS2 = Tull coude spectrographs  
 SES=Sandiford Echelle Spectrograph  
 VP = VIRUS-P    VW=VIRUS-W  
 IG=IGRINS  
 Pro=ProEM  
 CQ=Cquean  
 DF=DIAFI

**NOTES**

[1] ALC starts at 8UT

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>