

Standalone Perpetual Calendar Description

The two figures below show the parts of the Excel spreadsheet that have the standalone perpetual calendar. To minimize the height of this calendar, considerable thought has gone into selecting cell heights and widths, and fonts. In this calendar, the window with the SMTWTFS table and the year table moves in front of a stationary sheet that has the day-of-month and month tables. In other designs the window is stationary and a slider with the day-of-month and month tables moves behind it. A moving window type was selected for this project because it is easier to build. The moving window type requires less horizontal space than the moving slider, but that was not a factor in selecting it for this application.

The key elements in the spreadsheet are:

- All column widths are 2.
- Rows 1 to 13 have a height of 15.
- Rows 14 to 24 have a height of 10.
- Rows 25 to 28 have a height of 15.
- Row 29 has a height of 10.
- All remaining rows have a height of 15.
- The window opening has a row of equal height for each row in the day-of-month and month tables, plus a row at the bottom and the top with a height of 10. These extra rows ensure that nothing is hidden if the moving window piece and the stationary tables piece are not exactly lined up in the vertical direction.
- Each letter in SMTWTFS is in four merged cells and the font is Calibre 18.
- Years are in two merged cells and the font is Calibre 11.
- All numbers for days-of-the-month are in four merged cells. Numbers 23/30 and 24/31 are font Calibre 11. All the other numbers are font Calibre 18.
- Months are in two merged cells and the font is Calibre 11. COM YR and LEAP YR are in font Calibre 9.
- The INSTRUCTIONS text box is 5.92 cm. wide by 3.36 cm. high and the font is Calibre 14.
- The DAYS PER MONTH text box is 5.31 cm. wide by 4.18 cm. high and the font is Calibre 13.

The printing parameters for this spreadsheet are:

- Orientation: Landscape
- Scaling: 40%
- All margins: 0.5
- Header and Footer: 0.8

