
Subject: PLOT procedure (was: Julian Day Numbers)
Posted by [James Tappin](#) on Tue, 21 Nov 2000 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

One real gotcha with Julian day numbers is if you try to use them for a time axis on a plot.

It works fine for long time axes, but if you try looking at high-resolution data things look really messy.

The problem is that PLOT converts to single-precision before converting coordinates to data and this means that all values are truncated to the nearest quarter day (for IEEE floats).

James

--

```
+-----+-----+-----+
| James Tappin      | School of Physics & Astronomy | O__ |
| sjt@star.sr.bham.ac.uk | University of Birmingham    | -- V |
| Ph: 0121-414-6462. Fax: 0121-414-3722      |      |
+-----+-----+-----+
```