
Subject: Re: Julian Day Numbers

Posted by [John-David T. Smith](#) on Tue, 14 Nov 2000 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Craig Markwardt wrote:

>

> Hi Ben--

>

> You need to be careful with your notations. Jan 1, 1900, 12noon, is
> different from Jan 0, 1900, 12noon. In fact, Jan 0 is the same as Dec
> 31 of the previous year, since we normal humans start our
> day-numbering system with 1. So in fact the IDL JULDAY function is
> operating correctly.

>

> There are a lot of astronomy-related julian date calculators which can
> be found on the U of W search page. You might trust these a little
> more than RSI's since they are used by real scientists :-) I have my
> own which I can send along if desired. However they all will still
> give 2415021 for the example you reported.

I see no reason to malign the IDL version of julday. This is a pretty
simple calculation. Perhaps we should concentrate our frustrations on
meatier IDL shortcomings. We could burn a z-buffer in effigy.

JD

--

J.D. Smith | WORK: (607) 255-6263
Cornell Dept. of Astronomy | (607) 255-5842
304 Space Sciences Bldg. | FAX: (607) 255-5875
Ithaca, NY 14853 |