
Subject: Re: Julian Day Question

Posted by [David Fanning](#) on Fri, 26 May 2006 06:03:18 GMT

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Mike Wallace writes:

> I will say that the IDL Julian Day routines give me what I expect to
> see. Perhaps the others are just variations.

Ah, well, maybe what I am seeing is a feature. :-)

Consider:

```
IDL> Print, JULDAY(1, 1, 1999) ; 1 Jan 1999  
2451180
```

This is the wrong answer according to Meeus, who lists the answer as 2451179.5.

But, then consider this, which should be the SAME time:

```
IDL> Print, JULDAY(1, 1, 1999, 0) ; 1 Jan 1999 at 0 hours  
2451179.5
```

What do you make of that?

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
