
Subject: Re: DAY OF YEAR

Posted by [thompson](#) on Mon, 25 Oct 1999 07:00:00 GMT

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Ben Tupper <tupper@seadas.bigelow.org> writes:

> Howdy,

> Haje Korth wrote:

>> Hi folks,

>> Sometimes RSI is driving me nuts with introducing new stuff and making
>> old stuff obsolete.

>> Can anybody tell me with their new date/time format code, how to print
>> the day of the year (doy). It should be something like:

>> a=julday(month,day,year,hour,min,sec)

>> print,a,format='(c(???????))'

>>

> You could calculate the DOY with the following.

> IDL> Today = JulDay(10,26,1999)

> IDL> BenchMark = JulDay(1,1,1999)

> IDL> print,Today-BenchMark

> 298

> Note that this DOY implies that Jan 1 is DOY 0... which is ok for somefolks but
> not others. I can't think of the need for it, but sometimes the first DOY is
> considered DOY 1. (Just when I was getting used to counting from Zero and
> having only nine fingers!)

The *OFFICIAL* (:^]) definition of day-of-year, as used by NASA and as outlined
in the ISO-8601 standard, begins with January 1st as DOY=001.

Bill Thompson

Subject: Re: DAY OF YEAR

Posted by [Ben Tupper](#) on Mon, 25 Oct 1999 07:00:00 GMT

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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">

<html>

Howdy,

<p>Haje Korth wrote:

<blockquote TYPE=CITE>Hi folks,

Sometimes RSI is driving me nuts with introducing new stuff and making

Can anybody tell me with their new date/time format code, how to print the day of the year (doy). It should be something like:

```
<br>print,a,format='(c(??????))'
```

You could calculate the DOY with the following.

```
<br>IDL> BenchMark = JulDay(1,1,1999)
```

[illegible][illegible]

```
--&nbsp;
```

Bigelow Laboratory for Ocean Science

tupper@seadas.bigelow.org

pemaquidriver@tidewater.net</pre>

Posted by [Ben Tupper](#) on Tue, 26 Oct 1999 07:00:00 GMT

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
```

William Thompson wrote:

<p>>Note that this DOY implies that Jan 1 is DOY 0... which is ok for somefolks but

[illegible][illegible]

>having only nine fingers!)

The *OFFICIAL* (:^]) definition of day-of-year, as used by NASA and as outlined

in the ISO-8601 standard, begins with January 1st as DOY=001.

Aha! That may explain why some oceanographers (satellite-kind) use JAN 1st as DOY 001 and other oceanographers (dipnet-kind) prefer JAN

1st as DOY 000.

Thanks for the info.

<p>Ben

<pre>--

Ben Tupper

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 </html>
