
Subject: Re: convert from Julian date to calendar date and vice verse

Posted by [k_ghreep](#) on Tue, 03 Jul 2012 12:35:12 GMT

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On Jul 3, 12:32 pm, Stefan <stefan.meing...@gmail.com> wrote:

> Am Montag, 2. Juli 2012 15:21:45 UTC+2 schrieb (unbekannt):

>

>> Dear all,

>

>> I have the following time units of "days since 1-1-1 00:00:0.0".

>> 17619336. 17619360. 17619384. 17619408.

>> 17619432. 17619456. 17619480. 17619504.

>> 17619528. 17619552. 17619576. 17619600.

>

>> I would like to convert them from Julian date to calendar date and

>> vice verse.

>> thanks in advance

>> Khaled

>

> you could use this:

>

> <http://idlastro.gsfc.nasa.gov/ftp/pro/astro/daycnv.pro>

>

> but be aware that your dates are not Julian dates since the zero-point is wrong. The ZP for the JD is

>

> 12:00 January 1, 4713 BC, Monday

>

> and you will have to convert to this before you perform the conversion.

Hi Stefan,

I had tested your code for the following Julian day 17619600.D using the following command

DAYCNV, 17628072.D, yr, mn, day, hr

I had got the following calendar date

43551 12 3 12.000000

please note that the time unit of "days since 1-1-1 00:00:0.0". how to calculate the year in calendar format?

Best wishes

Khaled
