
Subject: Re: JULDAY 5.4 not same as 5.3?

Posted by [Mark Hadfield](#) on Thu, 01 Mar 2001 23:19:15 GMT

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> "Don Woodraska" <don.woodraska@lasp.colorado.edu> wrote in message
news:3A9ED47E.F92EF914@lasp.colorado.edu...

> Has anyone else noticed a bug in JULDAY that appeared in 5.4?

> IDL> help,umm,udd,uyear,uhr,umin,usec

> UMM LONG = 2

> UDD LONG = 16

> UYEAR LONG = 2001

> UHR ULONG = 0

> UMIN ULONG = 0

> USEC ULONG = 0

> IDL> in_jday = julday(umm, udd, uyear, uhr, umin, usec)

> IDL> help,in_jday

> IN_JDAY DOUBLE = 1.8140893e+08

I get the right answer under 5.4 (win32 x86):

IDL> help,umm,udd,uyear,uhr,umin,usec

UMM LONG = 2

UDD LONG = 16

UYEAR LONG = 2001

UHR LONG = 0

UMIN LONG = 0

USEC LONG = 0

IDL> print, julday(umm, udd, uyear, uhr, umin, usec)

2451956.5

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