
Subject: Re: Sunrise/Sunset Algorithm

Posted by [David Fanning](#) on Thu, 17 Apr 2014 16:00:45 GMT

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nata writes:

> Does anybody have an algorithm to calculate the sunrise and sunset of a given lat/lon position and date?

>

> I tried to use the following algorithm: williams.best.vwh.net/sunrise_sunset_algorithm.htm

>

> but when I compare with the results of NOAA I have big differences

> <http://www.esrl.noaa.gov/gmd/grad/solcalc/sunrise.html>

I'm guessing the Ray Sterner routines at the JHUAPL IDL library is about as good as they get:

http://www.idlcoyote.com/gallery/index.html#SUN_TERMINATOR_P LOT

Cheers,

David

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

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
