
Subject: Re: Local solar time

Posted by [David Oesch](#) on Tue, 29 Jun 2004 12:12:31 GMT

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> With some massaging, I think you can get what you want by using the
> IDL Astronomy Library routines SUNPOS to compute the (RA, DEC)
> position of the sun, and CT2LST, to compute the local mean sidereal
> time, and then use the definition,

>

>

>

I got the Sun Azimuth and Sun zenith already, and use the LMST routine
from the Johns Hopkins University/Applied Physics Laboratory to
calculate the local mean sidereal time. Is the "local mean sidereal time"
the same as "local solar time"?

> local hour angle of the sun = local sidereal time - RA of sun

>

>

> [in the proper units of course]

>

> Craig

>

>

>
