**Subject: Re: Sun zenith**
Posted by b_gom on Mon, 06 Feb 2006 18:02:12 GMT
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Here is a link with some good explanations and code samples:

http://www.stjarnhimlen.se/english.html

Alternatively, you could use Ray Sterner's SUNALTAZI procedure from the
JHU library.

Brad


Sheldon wrote:
> Good day everyone,
>
> Perchance, does anyone have a function that calculates the sun zenith
> angle, given the time, lat, lon, and date?
> I am searching the internet for a fomula but so far no good. Thought I
> would see if anyone has done this before.
>
> Thanks,
> Sheldon


**Subject: Re: Sun zenith**
Posted by Liberum on Mon, 06 Feb 2006 18:17:40 GMT
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Thanks Brad,

But how do I get this JHU library? All I can see are the headers for
the routines and the location of the full scripts are somewhere that I
cannot connect to.

Sheldon


**Subject: Re: Sun zenith**
Posted by b_gom on Mon, 06 Feb 2006 18:21:45 GMT
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Here is a good jumping-off point for searches like this:

http://www.astro.washington.edu/deutsch/idl/index.html

Brad

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## Subject: Re: Sun zenith
Posted by b_gom on Mon, 06 Feb 2006 18:23:41 GMT
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or, more directly:
 http://www.astro.washington.edu/deutsch/idl/htmlhelp/index.h tml

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## Subject: Re: Sun zenith
Posted by Liberum on Mon, 06 Feb 2006 18:52:31 GMT
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thanks Brad,
I got it now!

Sheldon

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## Subject: Re: Sun zenith
Posted by JD Smith on Tue, 07 Feb 2006 16:43:30 GMT
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On Mon, 06 Feb 2006 10:21:45 -0800, b_gom wrote:

> Here is a good jumping-off point for searches like this:
>
> http://www.astro.washington.edu/deutsch/idl/index.html

This page is incredibly useful, but Eric stopped maintaining it in 1999!
I wonder if any enterprising good-willed people reading this list might
consider contacting Eric and taking over its maintenance.

JD

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