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Subject: AIRMASS

Posted by [Sapna Mishra](#) on Tue, 09 Feb 2016 17:24:07 GMT

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Hello every one,

Is there any routine in IDL which calculates airmass for particular date using only RA, DEC, EPOCH??? Basically I want to have a most general routine which is independent of telescope header as RA, DEC, EPOCH are the headers which are provided by all telescopes. Some provide UT ST ect some do not.

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Subject: Re: AIRMASS

Posted by [Russell\[1\]](#) on Tue, 09 Feb 2016 18:42:06 GMT

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On Tuesday, February 9, 2016 at 12:24:11 PM UTC-5, Sapna Mishra wrote:

> Hello every one,

> Is there any routine in IDL which calculates airmass for particular date using only RA, DEC, EPOCH??? Basically I want to have a most general routine which is independent of telescope header as RA, DEC, EPOCH are the headers which are provided by all telescopes. Some provide UT ST ect some do not.

Look at the program eq2hor.pro in the IDL astrolib.

<http://idlastro.gsfc.nasa.gov/ftp/pro/astro/eq2hor.pro>

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