
Subject: Re: Nautical Miles to Lat/Lon Degrees
Posted by [Liam Gumley](#) on Thu, 09 Sep 1999 07:00:00 GMT
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David Fanning wrote:

- > Does anyone know off-hand the formula for converting nautical
- > miles to degrees of latitude and longitude for a given
- > latitude and longitude? Pointers to appropriate reference
- > materials is also appreciated.

David, the following may prove helpful:

According to my freshman physics text (Halliday and Resnick), 1 nautical mile = 1.852 kilometers.

For computing the distance in kilometers between a pair of lat/lons, nothing beats the COMPASS routine from the ESRG library, available at

<http://www.astro.washington.edu/deutsch-bin/idllibsrch?keyword=compass>

Cheers,
Liam.

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