1005.4

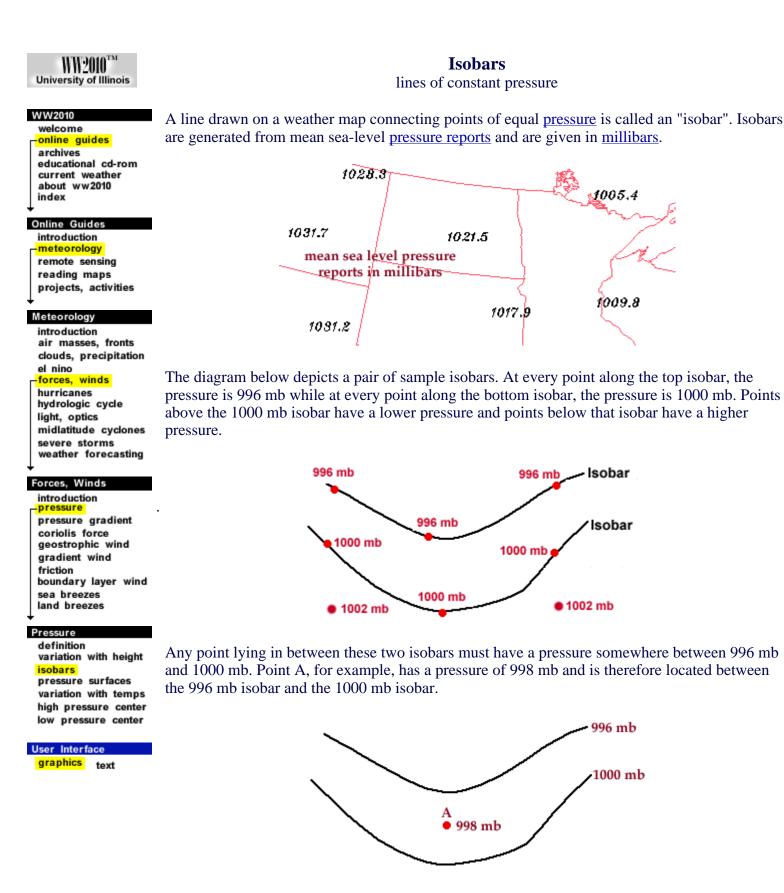
1009.8

Isobar

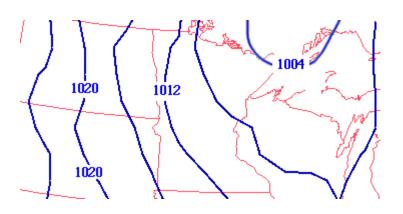
Isobar

996 mb

1000 mb



<u>Sea-level pressure reports</u> are available every hour, which means that isobar maps are likewise available every hour. The solid blue contours (in the map below) represent isobars and the numbers along selected contours indicate the pressure value of that particular isobar.



Such maps are useful for locating areas of high and low pressure, which correspond to the positions of surface <u>cyclones</u> and <u>anticyclones</u>. A map of isobars is also useful for locating strong <u>pressure gradients</u>, which are identifiable by a tight packing of the isobars. Stronger winds are associated with stronger pressure gradients.

variation with height

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Terms for using data resources. CD-ROM available.



pressure surfaces