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EarthDial Calculator

Enter your latitude below, then click on the "Calculate!" button. The EarthDial Calculator will calculate all of the angles and distances that you need to construct the lines on your EarthDial. (To find your latitude and longitude, consult a good map or visit the [Global Gazetteer](#).)

CAUTION: This table will not work well for latitudes smaller than 4 degrees. An alternative construction method for EarthDials located close to the equator will be posted here shortly.

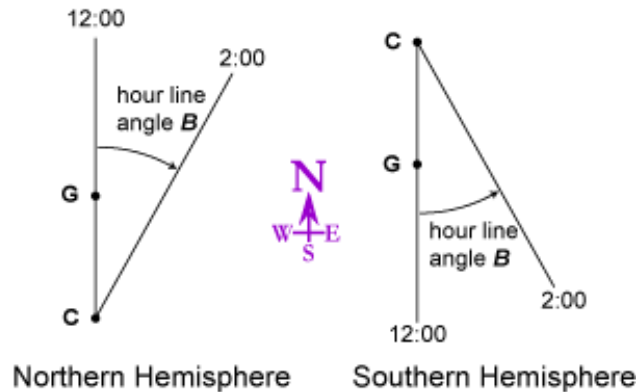
Enter your latitude in degrees
(positive values only):

EarthDial Links

- [EarthDial Project Home](#)
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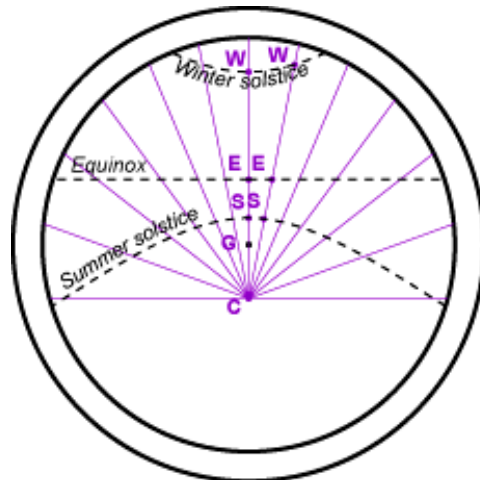
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[And check out the MarsDial!](#)

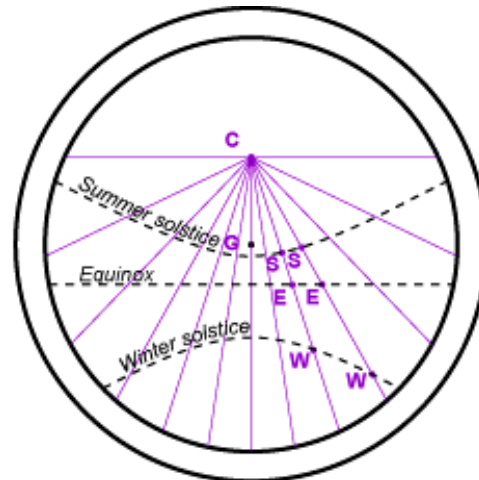


Distance CG :	cm
Hour Line Angles <i>B</i>	
12 noon:	degrees
11 am, 1 pm:	degrees
10 am, 2 pm:	degrees
9 am, 3 pm:	degrees
8 am, 4 pm:	degrees
7 am, 5 pm:	degrees
6 am, 6 pm:	degrees

Date Curve Points			
	Distance CS	Distance CE	Distance CW
12 noon:	cm	cm	cm
11 am, 1 pm:	cm	cm	cm
10 am, 2 pm:	cm	cm	cm
9 am, 3 pm:	cm	cm	cm
8 am, 4 pm:	cm	cm	cm
7 am, 5 pm:	cm	cm	cm
6 am, 6 pm:	cm	cm	cm



Northern Hemisphere



Southern Hemisphere

These are general illustrations for your guidance. The patterns you see are **not** drawn for the latitude you entered.

Questions or comments? Email us at earthdial@planetary.org.
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