

Cultural Geography

MAPS AND MAPPING

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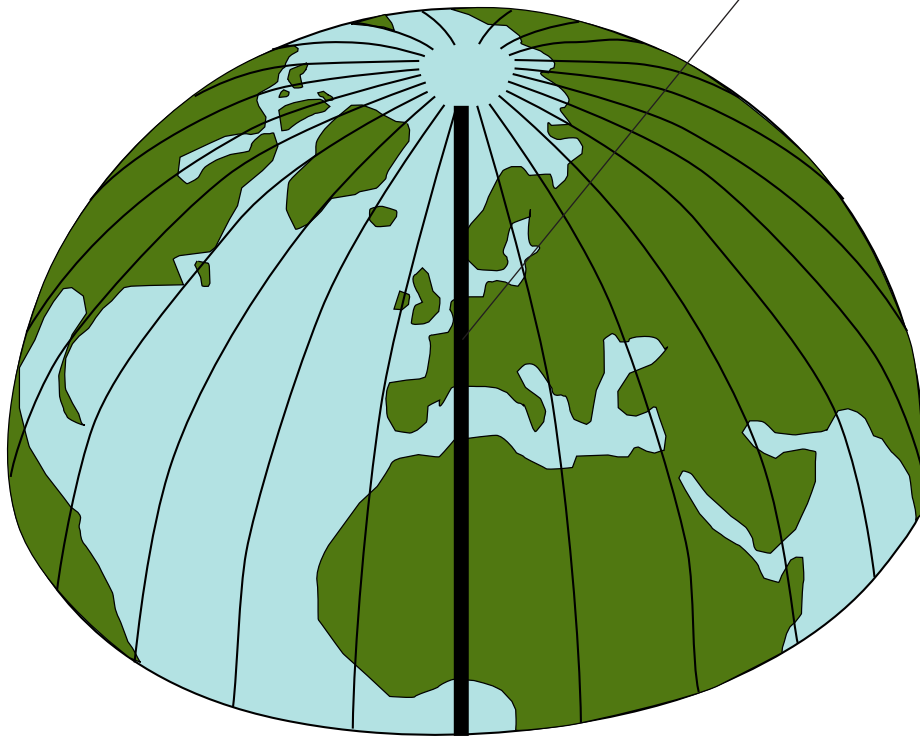
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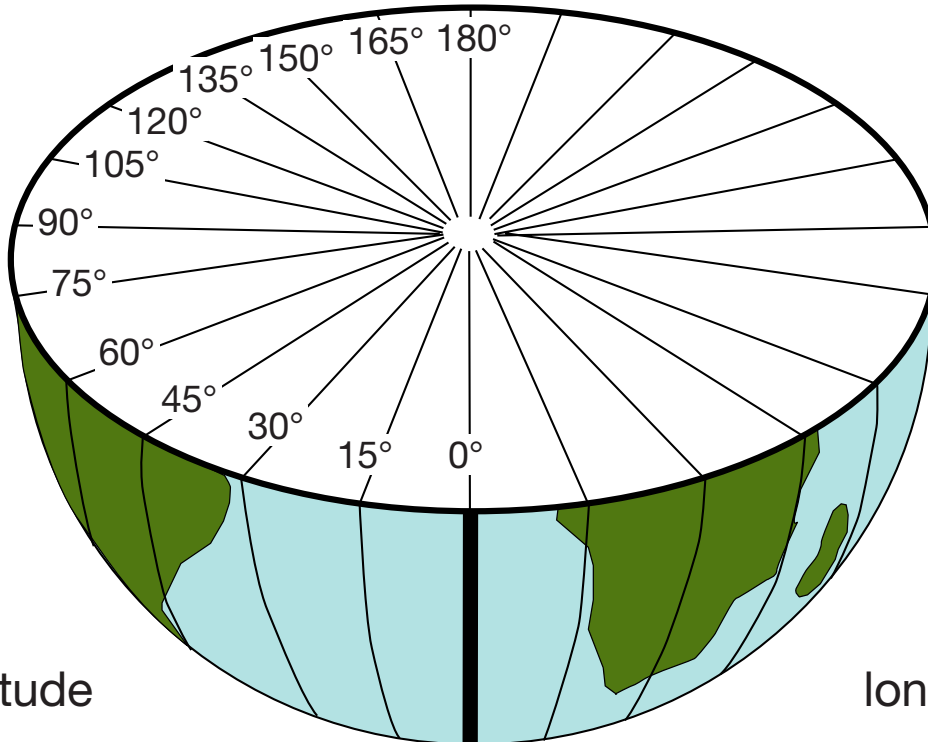
North Pole

prime meridian



west

east

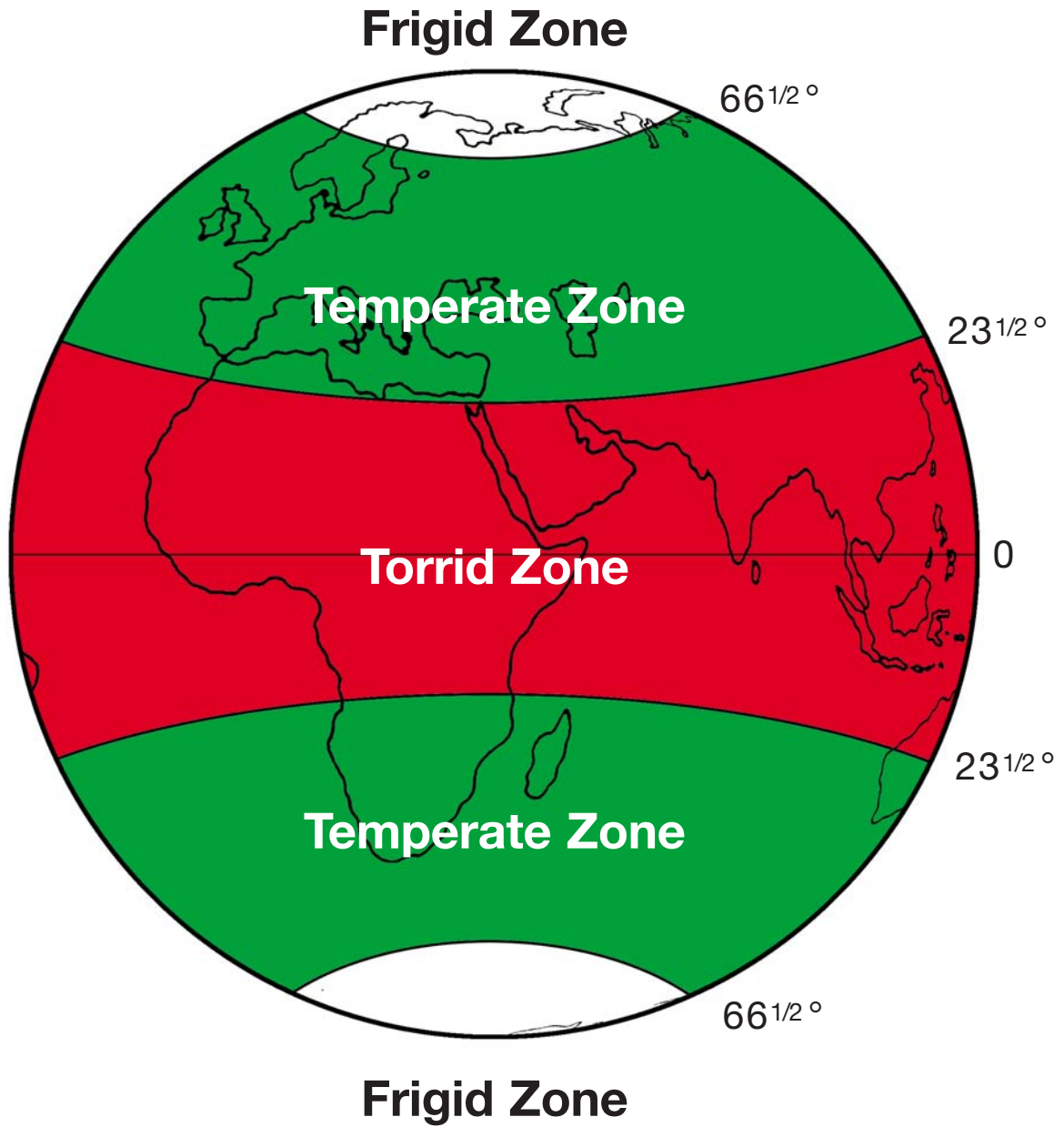


west longitude

east longitude

South Pole

Meridians of longitude



Torrid, Temperate, and Frigid Zones

■ USING A COMPASS

- Find your present location on the map and choose a destination. Draw a line on the map from your present location to the destination. Extend the line so that it is at least 2 inches (5 cm) long.
- Set the compass ring so that N is at the index line and direction-of-travel arrow.
- Place the compass on the map so that the center of the compass is over your present location, and the index line and direction-of-travel arrow is parallel with the north arrow and meridians of longitude on the map.
- Read the bearing on the compass ring through which the pencil line passes and write it down.
- Look on the map and read the magnetic declination. If the magnetic declination arrow is to the right of the true north arrow, subtract the amount of declination from the map bearing you just wrote down. For example, if the original map bearing is 120 degrees and the declination is 10 degrees, the bearing becomes $120 - 10 = 110$ degrees. Set the compass ring so that 110 degrees is over the index line and direction-of-travel arrow. If the magnetic declination arrow is to the left of the true north arrow, add the amount of declination to the bearing. For example, if the original map bearing is 120 degrees and the declination is 10 degrees, set the compass ring so that $120 + 10 = 130$ degrees is over the index line and direction-of-travel arrow.
- Hold the compass flat in your hand and turn around until the compass needle points to N on the compass ring. The direction-of-travel arrow now points in the direction of the destination. Sight down the direction-of-travel arrow to see the way to the destination.