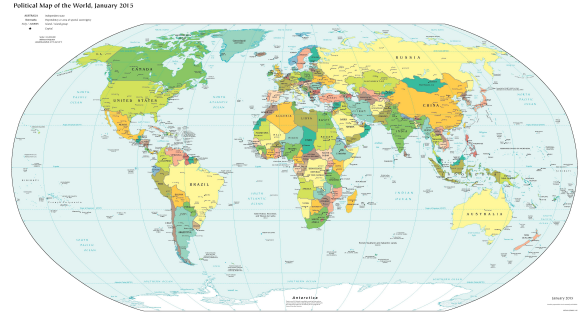


Types of Maps

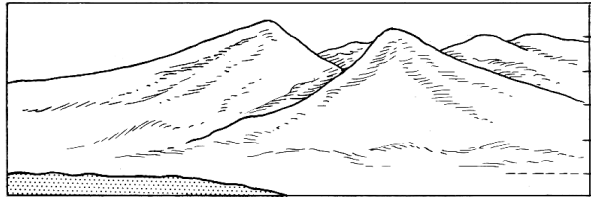
3-Part Cards with Definitions



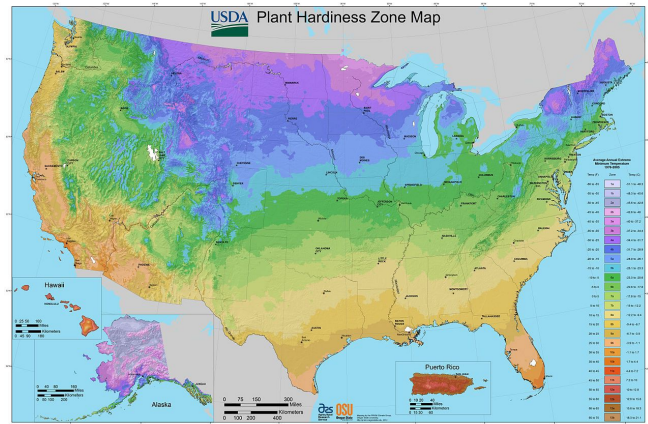
physical map



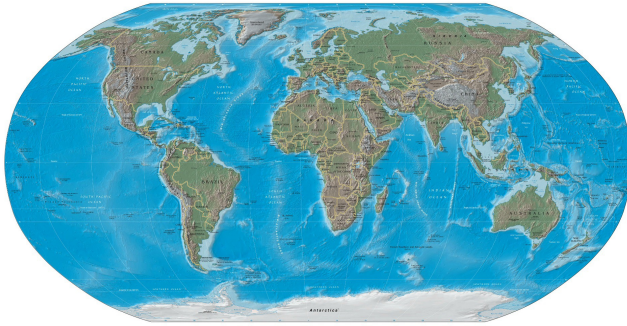
political map



contour map

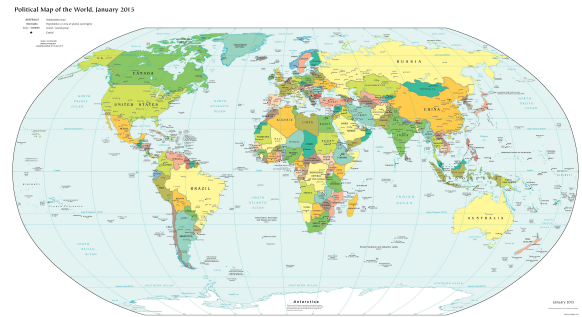


thematic map



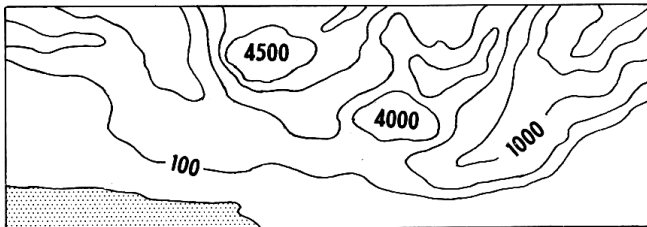
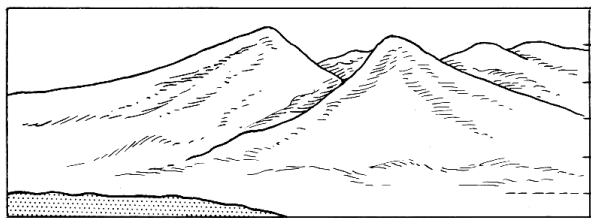
physical map

A physical map shows an area's natural features such as land forms, bodies of water, and vegetation. Physical maps use color and shading to show the difference between types of land and water forms.



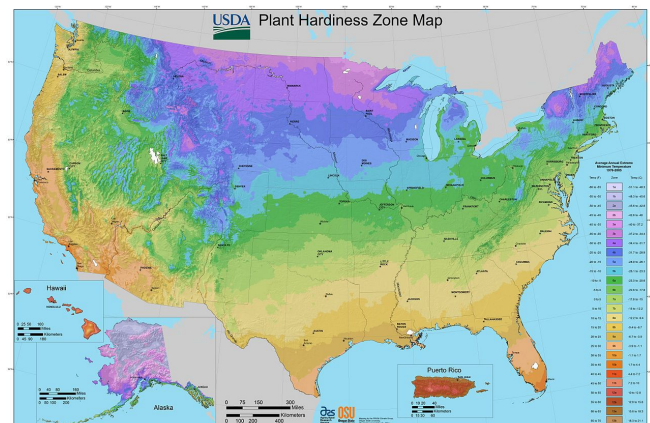
political map

A political map shows boundaries of countries, states, or provinces, as well as capitals and major cities.



contour lines

Contour lines are used to show the rise and fall of elevation on a map. Each contour line is a group of connected points on a map that are at the same elevation. Steeper areas the lines are closer together.

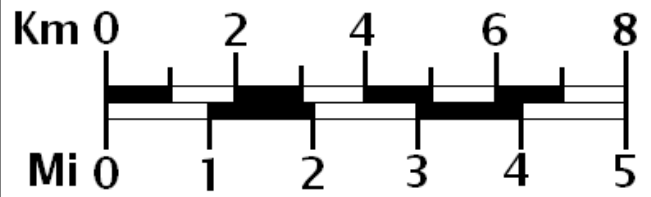


thematic map

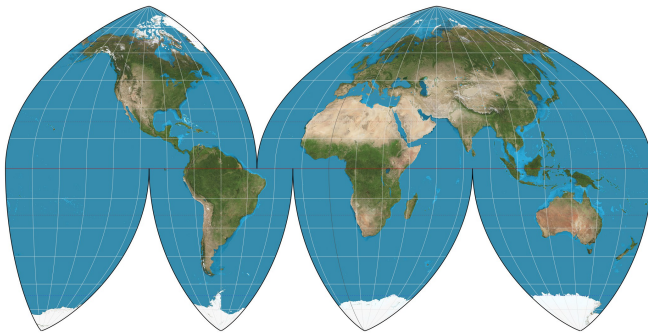
A thematic map shows patterns in an area related to a specific topic or theme, such as population, climate, economic, or political data.



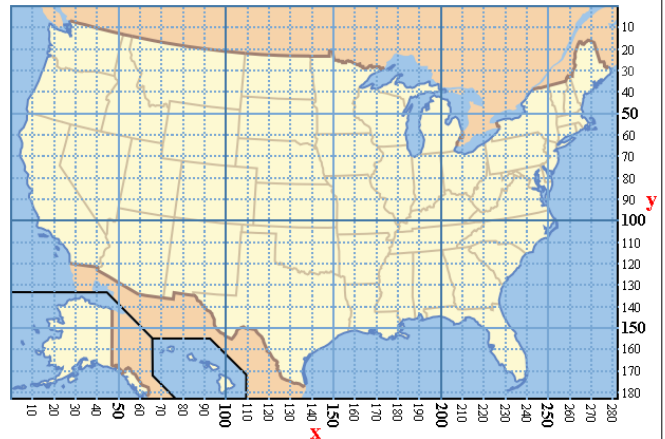
road map



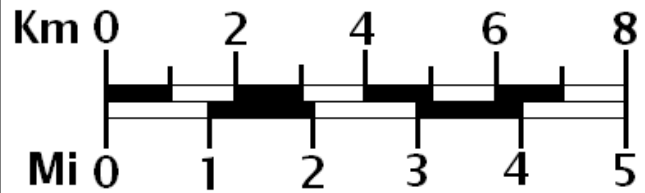
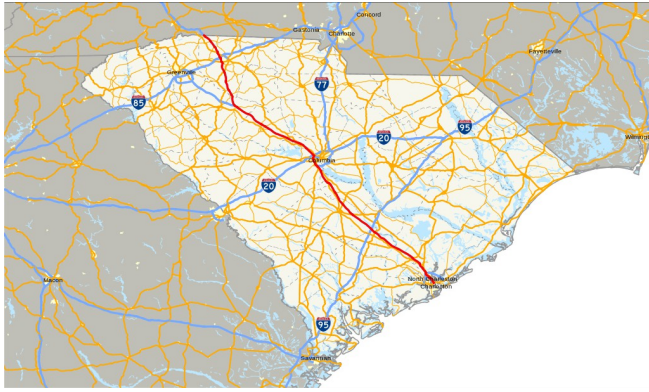
map scale



map projection



map grid

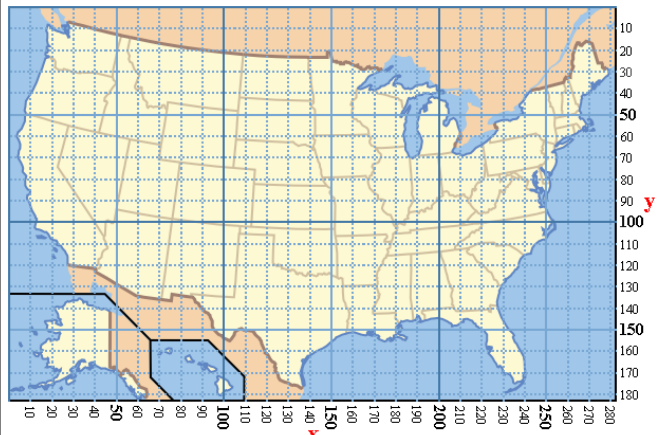
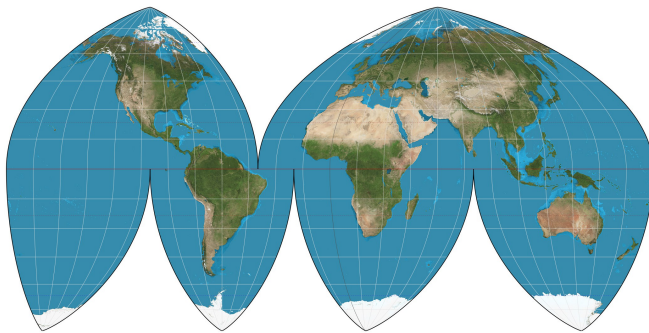


road map

map scale

A road map shows the major interstates, highways, and roads of a city or state.

A map scale compares the size of the map with the real size of a place. The scale can change depending on the area shown. A map of a state might have 1 inch equal to 100 miles, while a map of a room might be 1 inch equal to 1 foot.

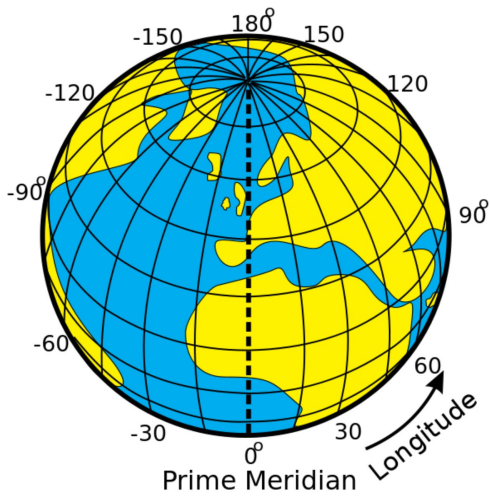


map projection

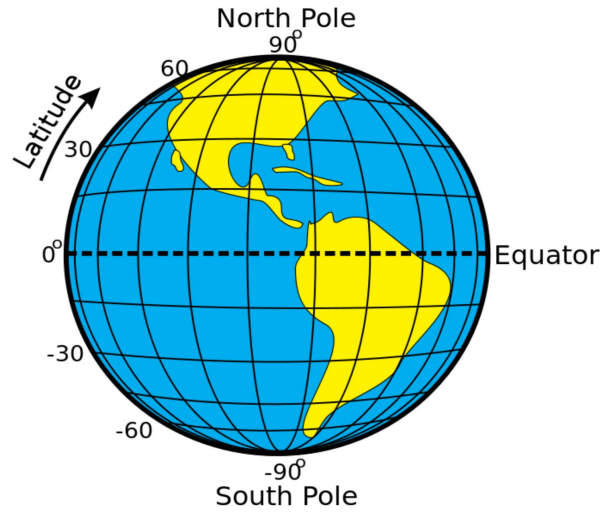
map grid

A map projection shows the curved surface of the globe on a flat map using the lines of longitude and latitude.

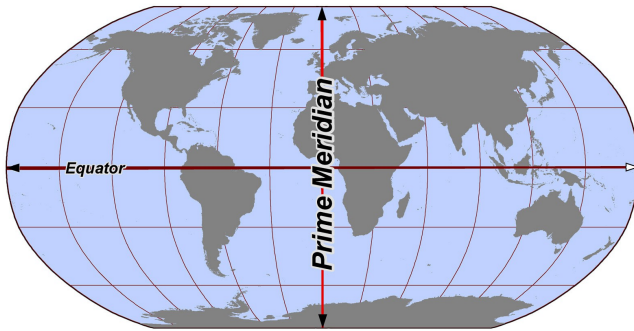
A map grid is a pattern of intersecting horizontal and vertical lines forming squares used to locate a certain point on a map. Numbers and letters on the side are used to find certain points on the map.



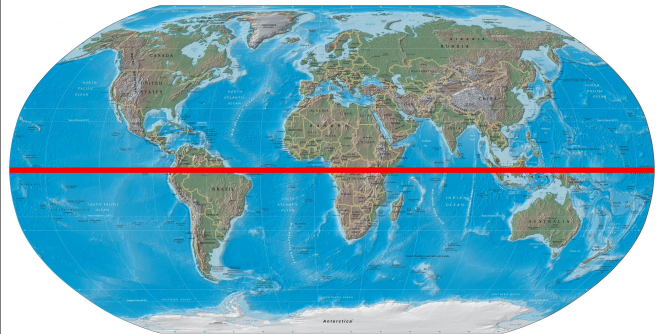
longitude



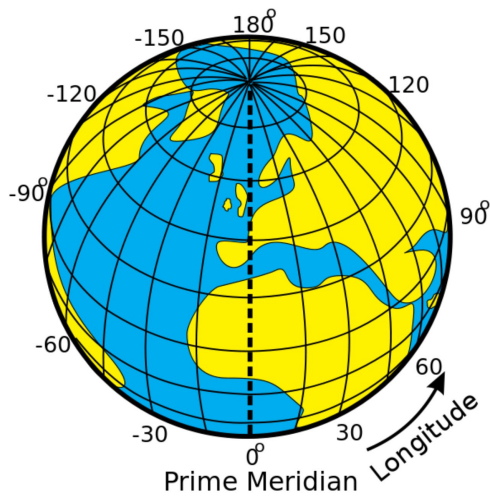
latitude



Prime Meridian

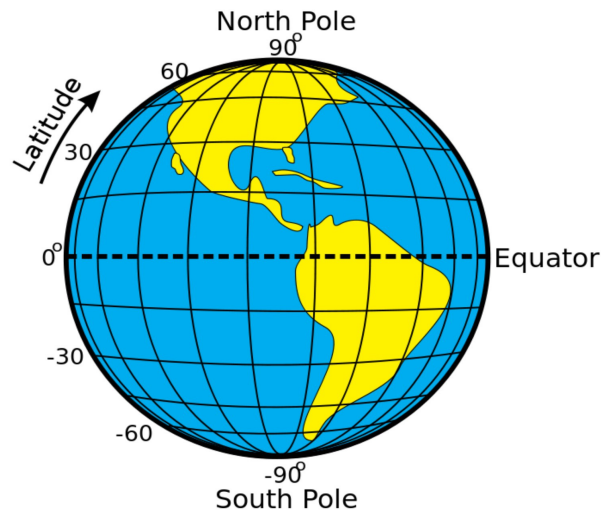


equator



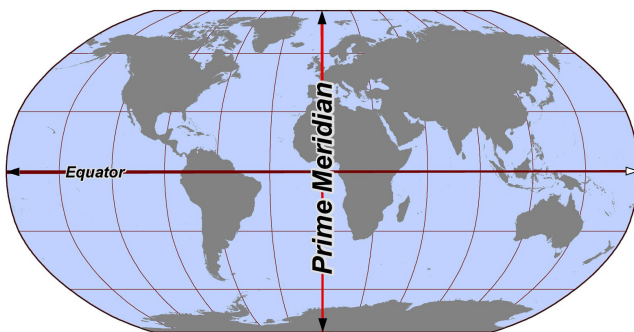
longitude

Longitude is the distance that runs east and west of the Prime Meridian and is used to find a specific coordinate on a map. It is measured in degrees.



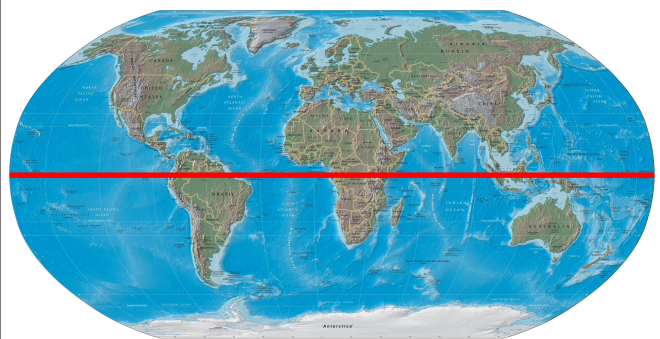
latitude

Latitude is the distance that runs north and south of the equator and is used to find a specific coordinate on a map. It is measured in degrees.



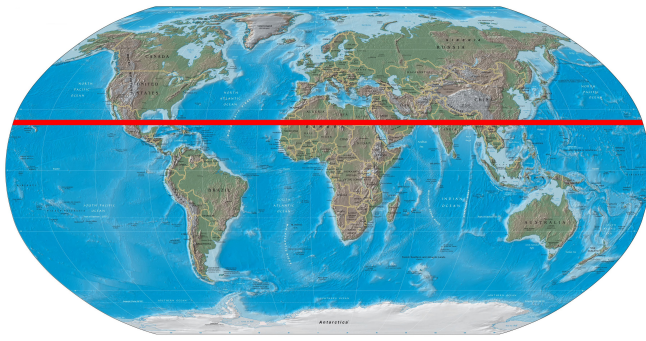
Prime Meridian

The Prime Meridian is an imaginary line that runs through Greenwich, England and is the longitude line of 0°. It is also referred to as Greenwich Mean Time.

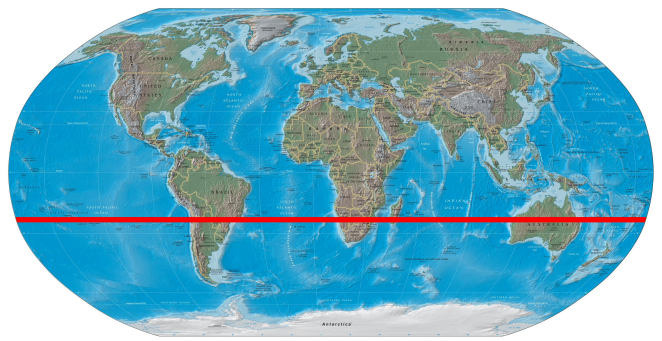


equator

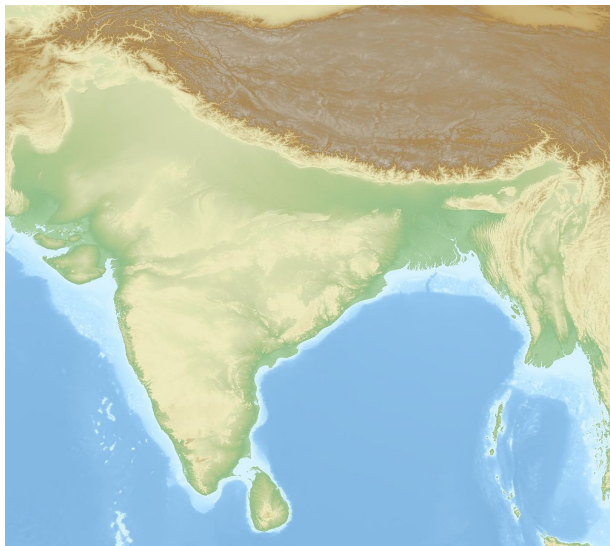
The equator is an imaginary line separating the northern and southern hemispheres, equal distance between the north and south poles. It is the line of 0° latitude.



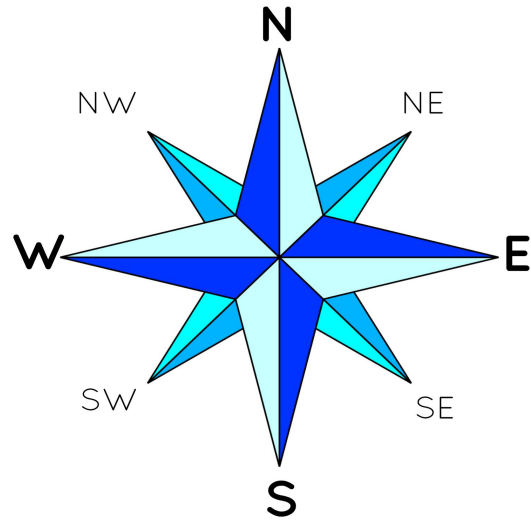
Tropic of Cancer



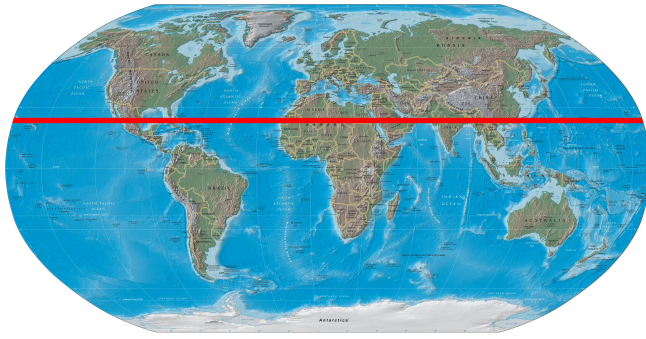
Tropic of Capricorn



topographic map

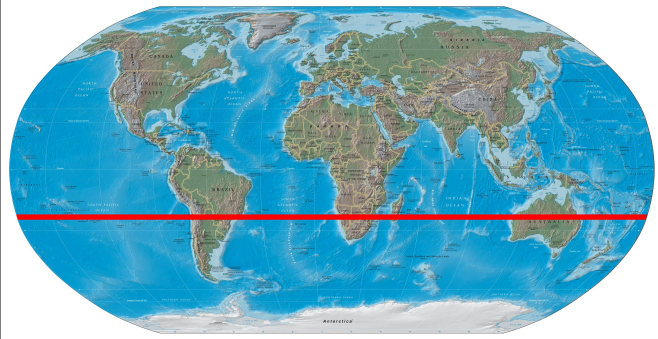


Compass Rose



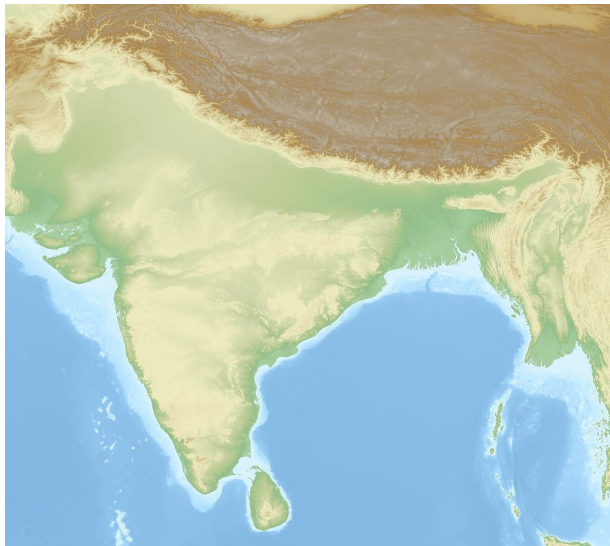
Tropic of Cancer

The Tropic of Cancer is the line of latitude 23° north of the equator. It is the most northern circle of latitude on the earth which the sun can appear directly overhead.



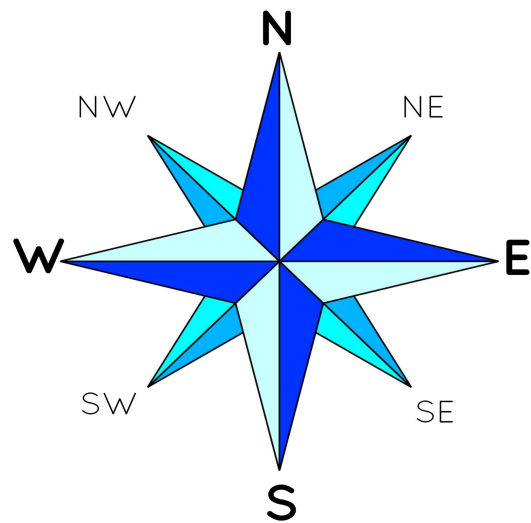
Tropic of Capricorn

The Tropic of Capricorn is the line of latitude 23° south of the equator. It is the farthest southern point of latitude at which the sun can appear directly overhead.



topographic map

A topographic map shows the length, width, and height of an area's landscape using contour lines. It usually shows natural features, but can also show man made features.

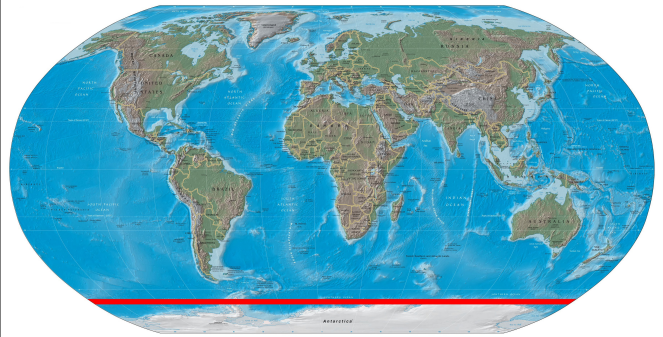


Compass Rose

A Compass Rose is a design on a map that shows directions. The cardinal points are north, south, east, and west. It can also be divided into intercardinal directions northeast, south east, southwest, and northwest.



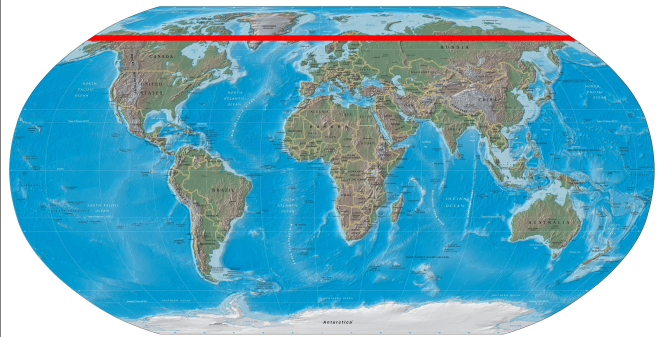
surveyor



Antarctic Circle



cartographer



Arctic Circle



surveyor

A surveyor is a person who's job is to find out the altitude, angles, shape, and boundaries of a land to be plotted on a map. They divide land by a network of points and measure the distance between the angles and points.



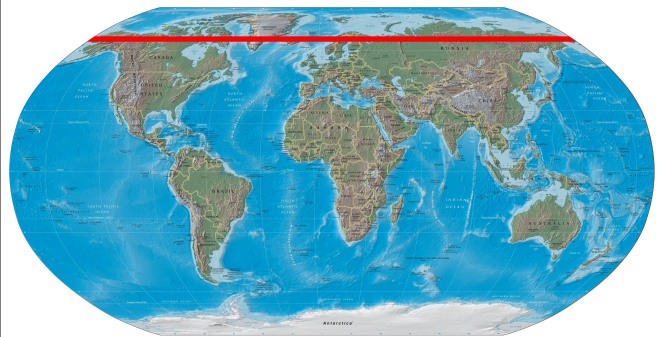
Antarctic Circle

The Antarctic Circle is the line of latitude that runs 66.5° south of the equator. During the summer solstice the sun remains above the horizon and below the horizon during the winter solstice.



cartographer

A cartographer is a person who studies and creates maps.



Arctic Circle

The Arctic Circle is the line of latitude that runs 66.5° north of the equator. During the winter solstice the sun remains below the horizon and above the horizon during the summer solstice.