

angular distance

the angular separation between two objects as seen by an observer

arc length

the distance around part of the circumference of a circle

Coordinated Universal Time (UTC)

the time standard commonly used across the world

coordinates

each of a group of numbers used to indicate the position of a point, line, or plane; used to identify places on the surface of the earth

daylight saving

a scheme where clocks are turned forward an hour to take advantage of increased hours of daylight during summer

Equator	the zero degree parallel of latitude; the great circle running around the middle of the earth
great circle	a circle formed when a slice is taken through centre of the earth; the Equator and all the meridians of longitude are examples
Greenwich Meridian	the zero degree of longitude that passes through Greenwich in London; the longitude of any point on the earth's surface is measured east or west of this
hemisphere	half a sphere, or half of the earth e.g. the southern hemisphere
International Date Line	the imaginary line that runs through the Pacific Ocean and is approximately the 180 degree meridian of longitude

kilometre

1000 metres

latitude

the angular distance north or south of the Equator of a point on the earth's surface; the size of the angle made between the point and the Equator at the earth's centre

longitude

the angular distance east or west of the prime meridian of a point on the earth's surface; the size of the angle made between the point and the prime meridian at the earth's centre

meridian

a circle of constant longitude passing through a given place on the earth's surface and the prime meridian

parallel of latitude

small circle running around the earth's surface, parallel to and measured north or south of the Equator

prime meridian

the zero degree of longitude that passes through Greenwich in London; the longitude of any point on the earth's surface is measured east or west of this; also known as the Greenwich Meridian

small circle

a slice through a sphere that does not pass through the centre; it has a smaller radius than a great circle

time zone

a zone of the world in which the time is the same for all places