

Chartwork



# Latitude, Longitude and Coordinates

Lines of Latitude and Longitude make a grid over the Earth.

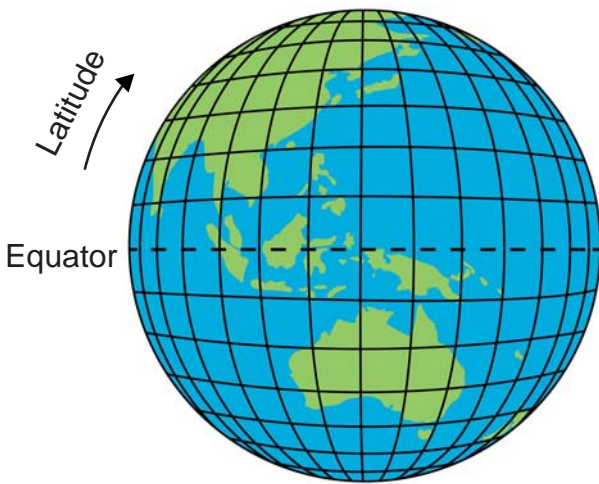
This grid is used to make marine charts.



## Latitude

Lat is Flat!

North Pole



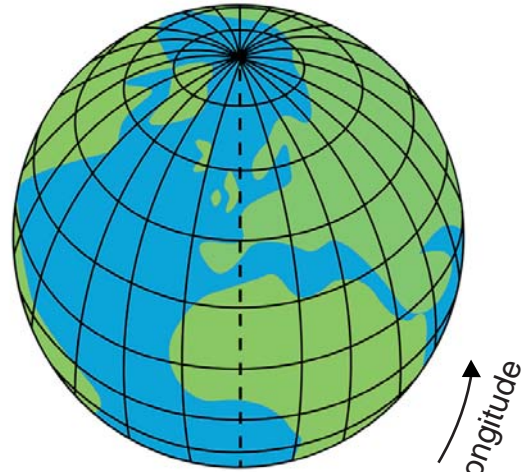
South Pole

Lines of Latitude are evenly spaced

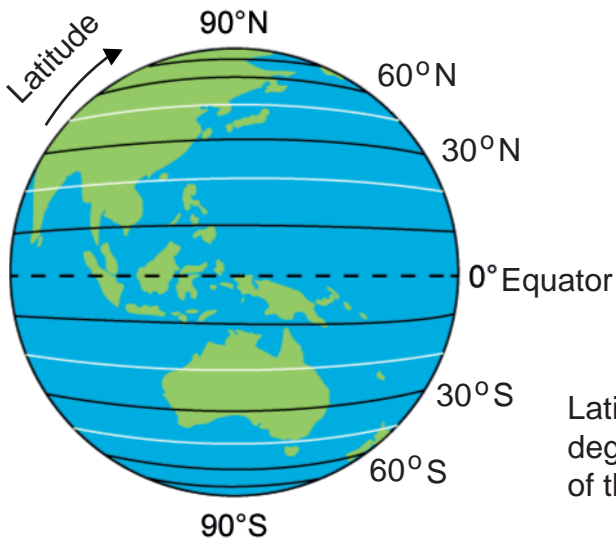
## Longitude

Longitude runs up and down

Lines of longitude get closer at the poles

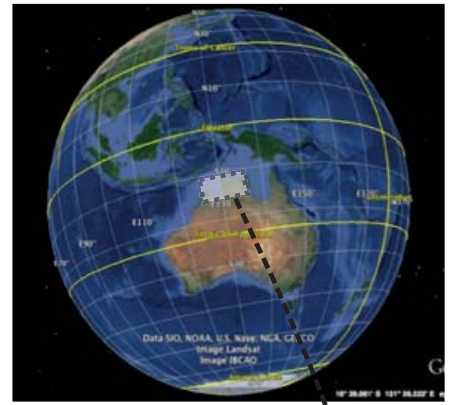


Prime Meridian



# Latitude

Latitude is measured in degrees North or South of the equator



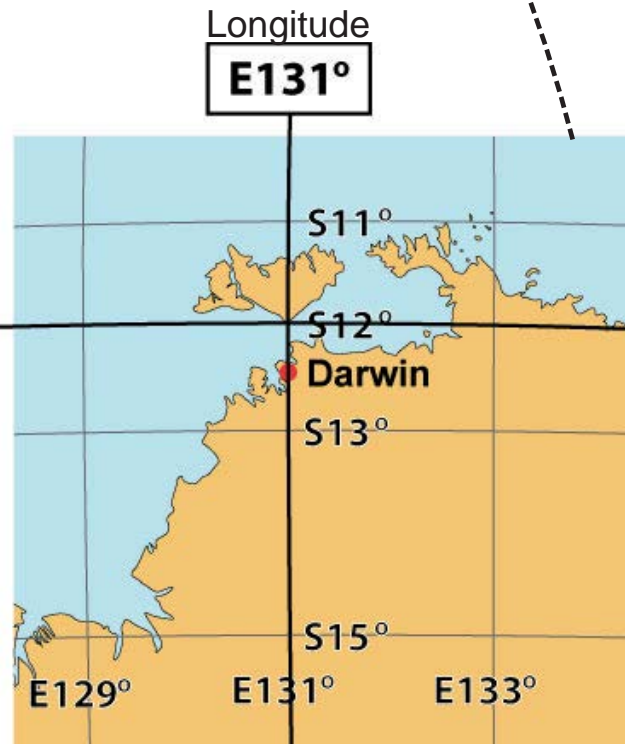
Lines of latitude and longitude cross at a coordinate.



A coordinate locates a position on the earth.

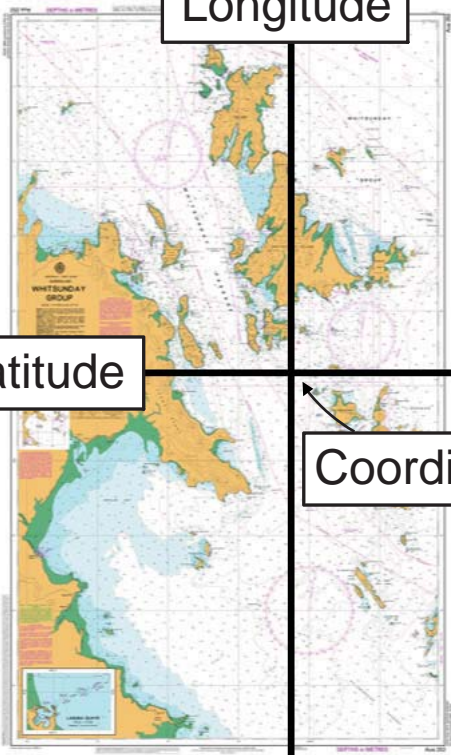
Latitude  
**S12°**

Darwin Coordinate  
12°S 131°E



Longitude  
**E131°**

Longitude



Longitude

Longitudes is measured in degrees east and west of the Prime Meridian

