

Let's Get Started Today

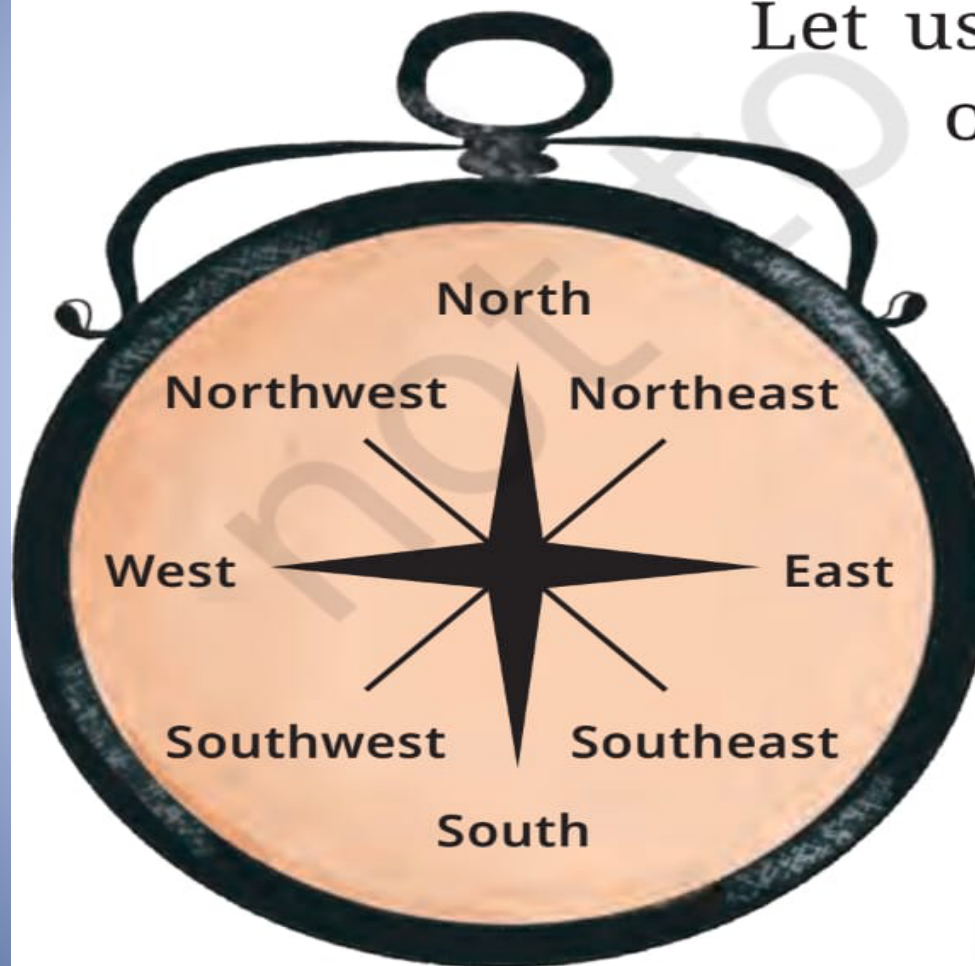


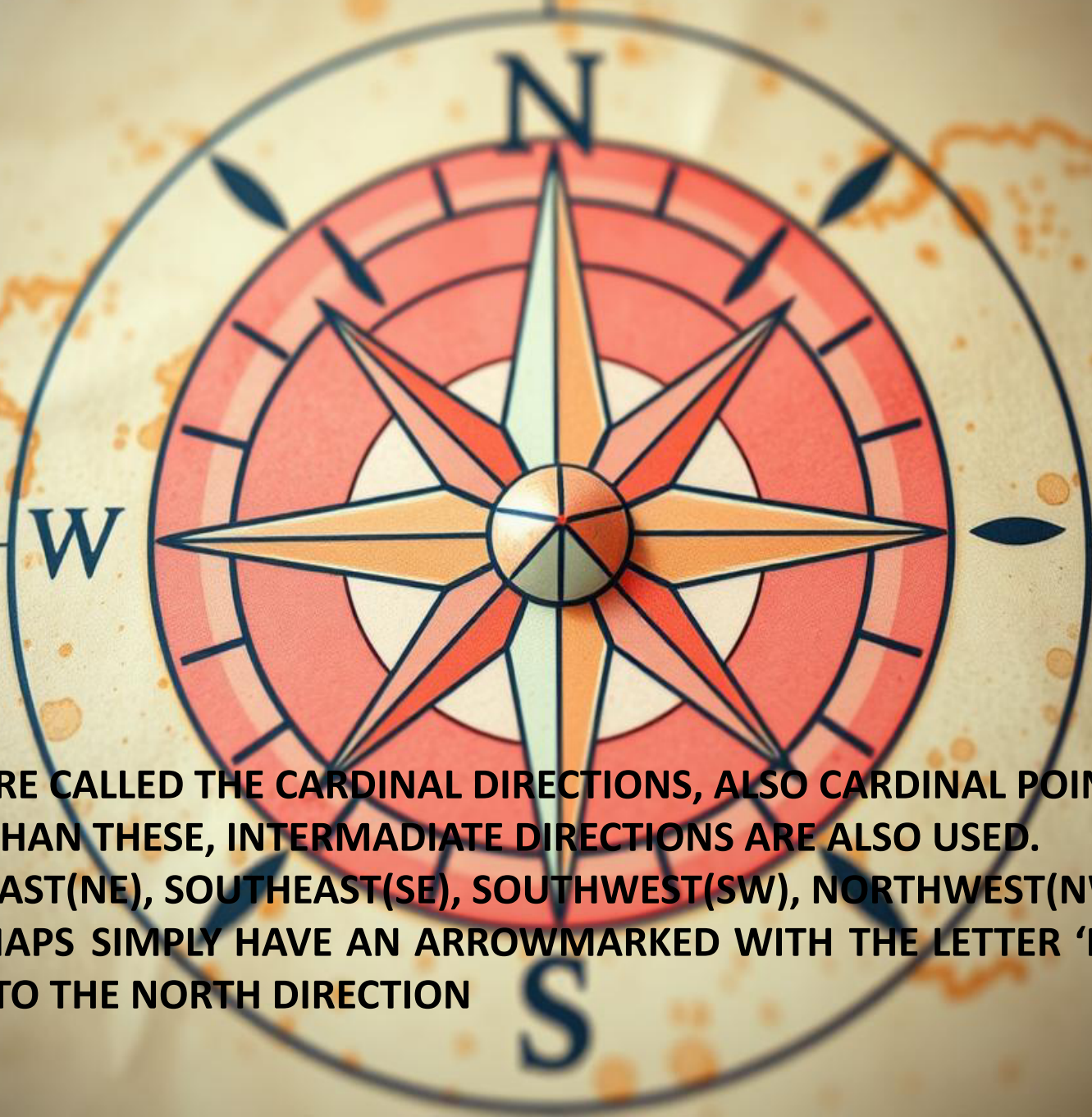




Let us

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- ❑ THESE ARE CALLED THE CARDINAL DIRECTIONS, ALSO CARDINAL POINTS.
- ❑ OTHER THAN THESE, INTERMEDIATE DIRECTIONS ARE ALSO USED.
- ❑ NORTHEAST(NE), SOUTHEAST(SE), SOUTHWEST(SW), NORTHWEST(NW)
- ❑ MOST MAPS SIMPLY HAVE AN ARROW MARKED WITH THE LETTER 'N', WHICH POINTS TO THE NORTH DIRECTION

Introduction to Latitude

Latitude Defined

Angular distance north or south of the Equator.

Key Lines

Equator 0°

Tropic of Cancer 23.5° N

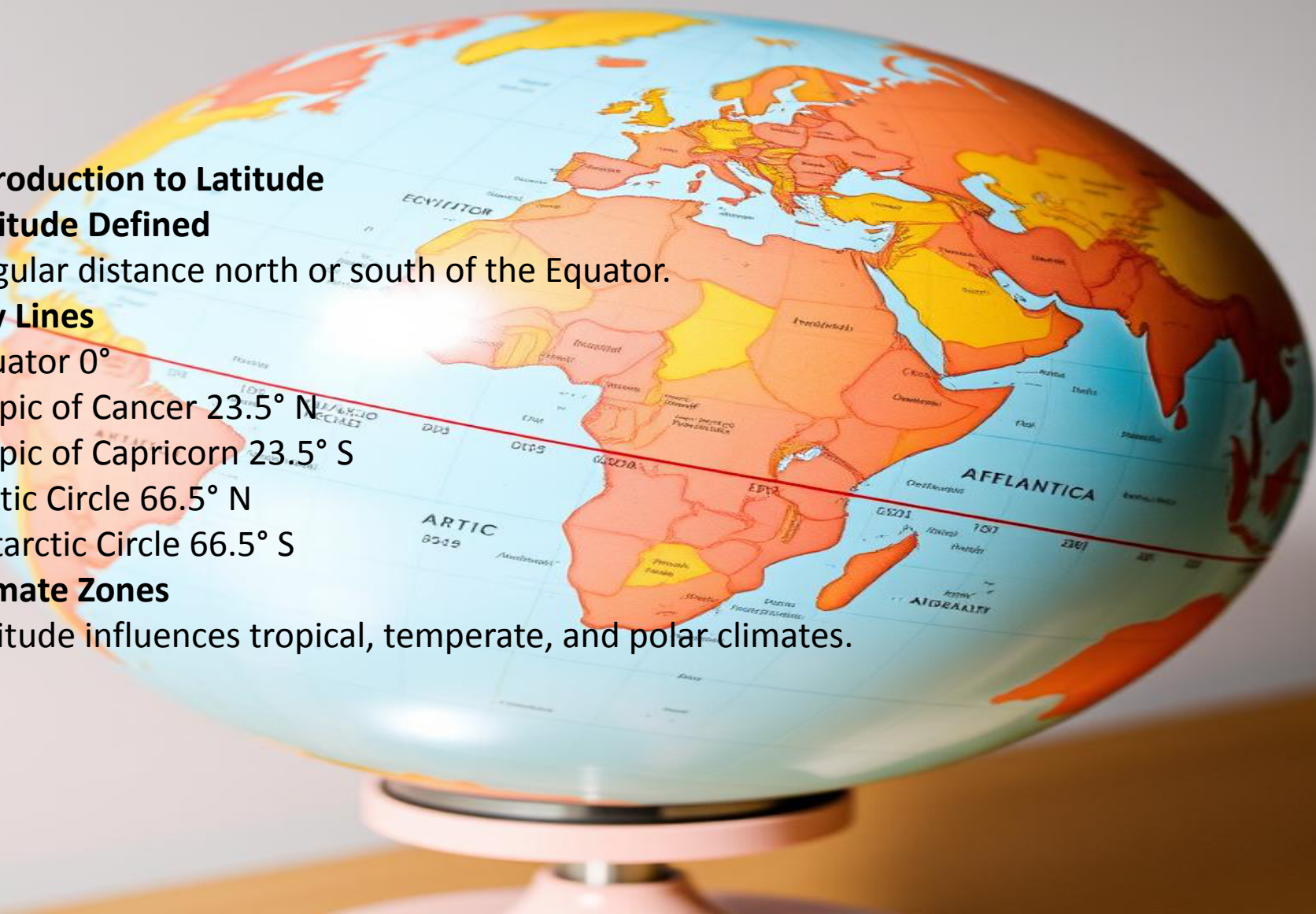
Tropic of Capricorn 23.5° S

Arctic Circle 66.5° N

Antarctic Circle 66.5° S

Climate Zones

Latitude influences tropical, temperate, and polar climates.



Latitude: Measuring North and South

☐ Degree Range

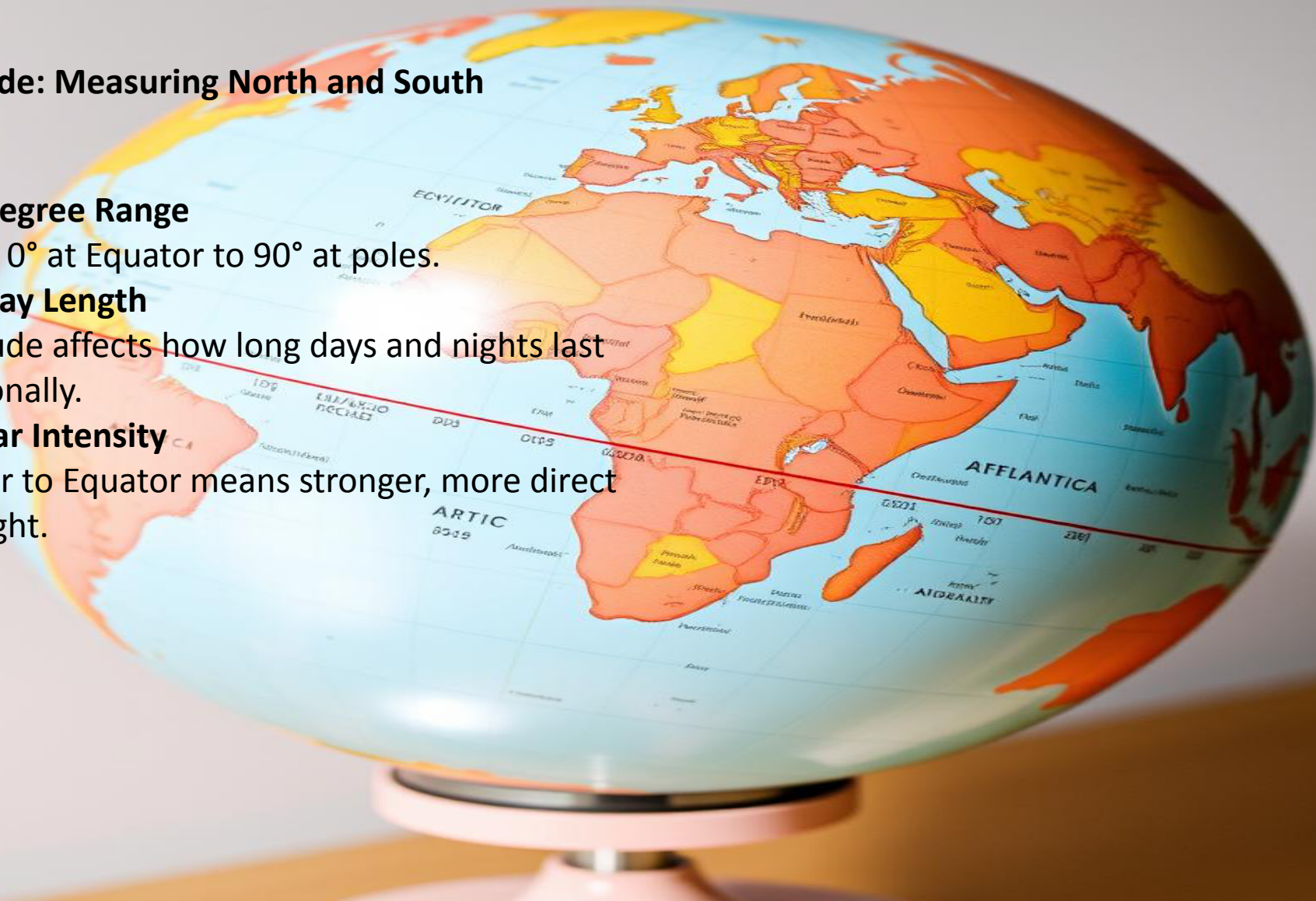
From 0° at Equator to 90° at poles.

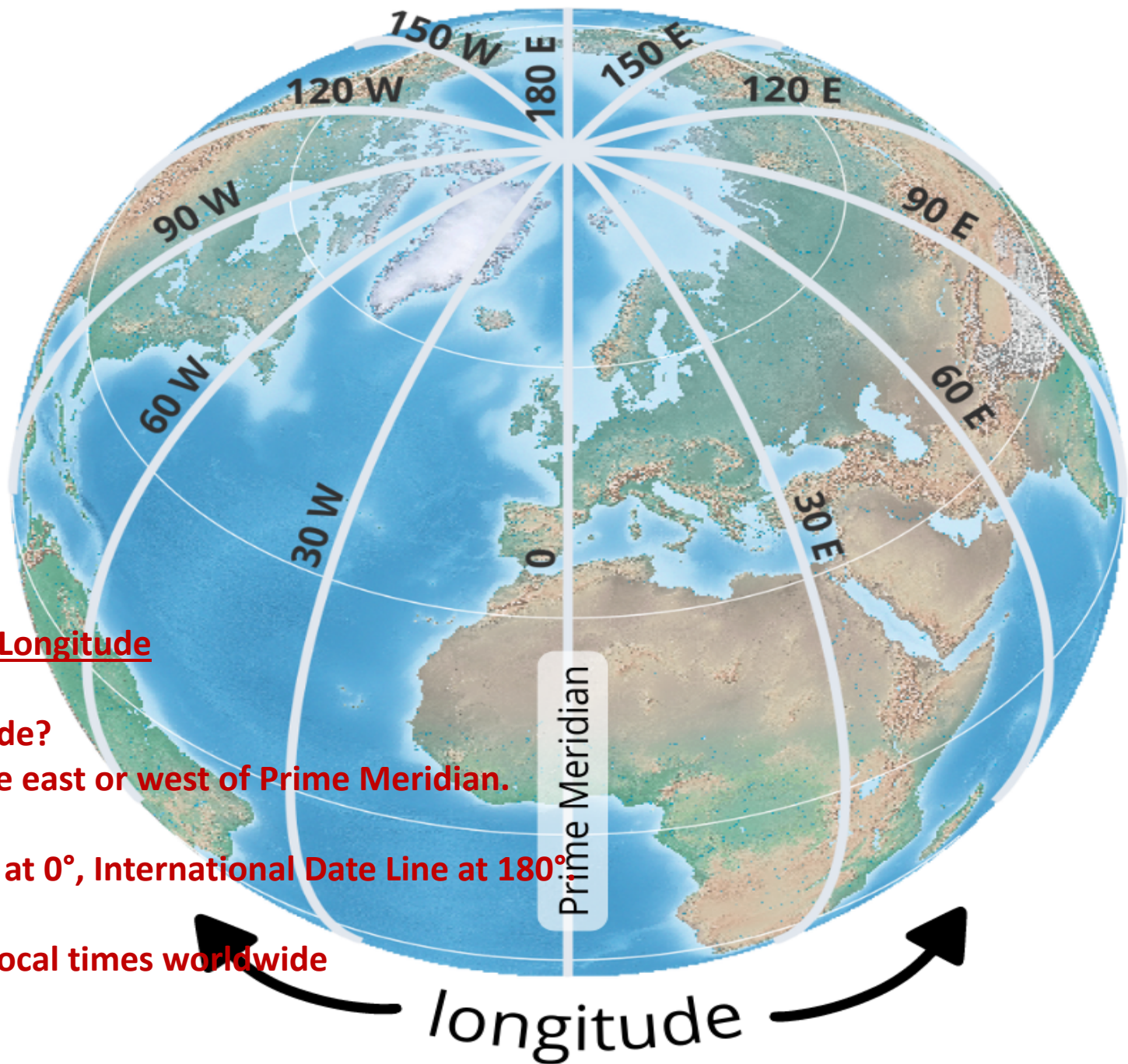
☐ Day Length

Latitude affects how long days and nights last seasonally.

☐ Solar Intensity

Closer to Equator means stronger, more direct sunlight.





Introduction to Longitude

What is Longitude?

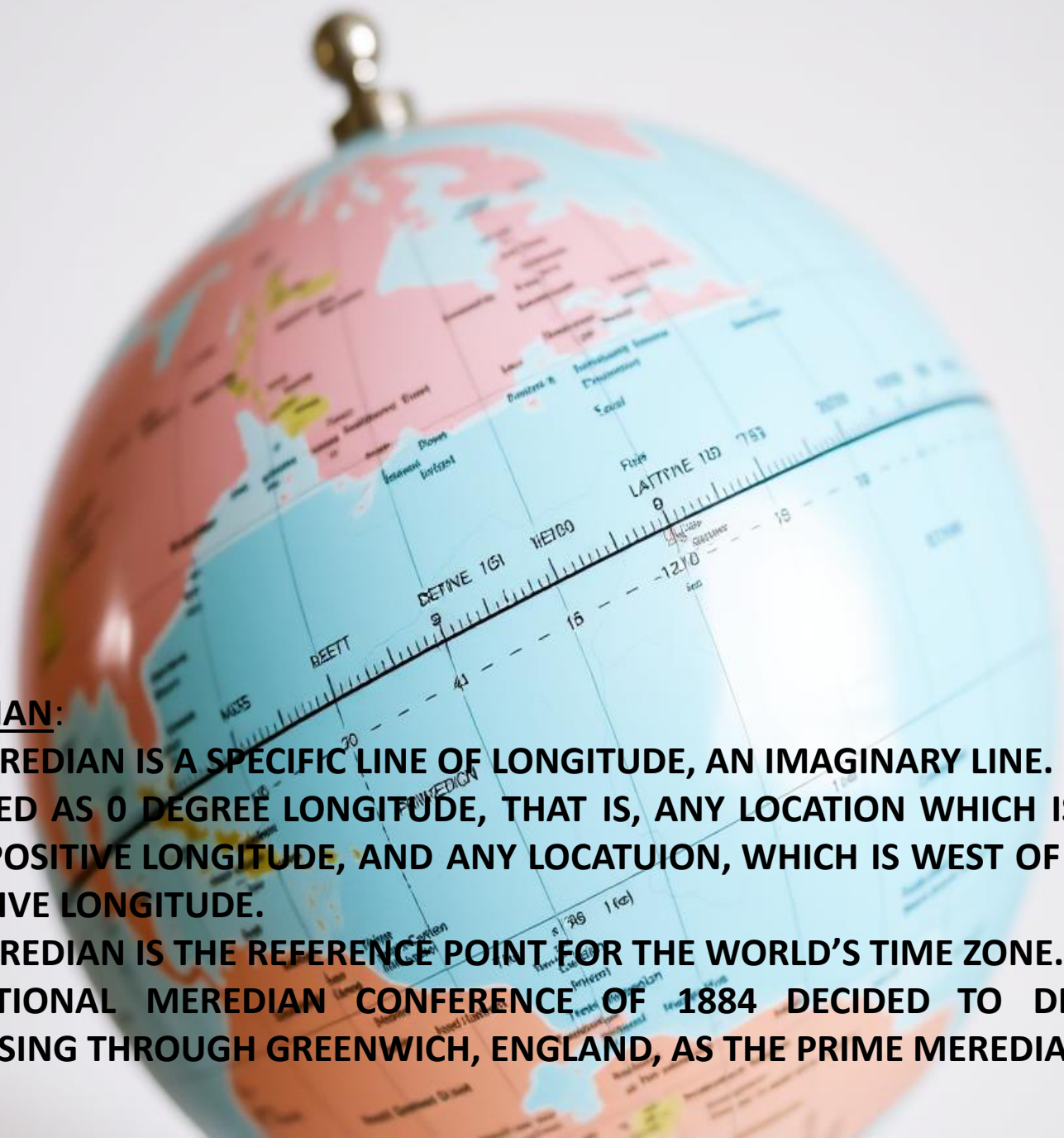
Angular distance east or west of Prime Meridian.

Important Lines

Prime Meridian at 0°, International Date Line at 180°

Time Zones

Longitude sets local times worldwide

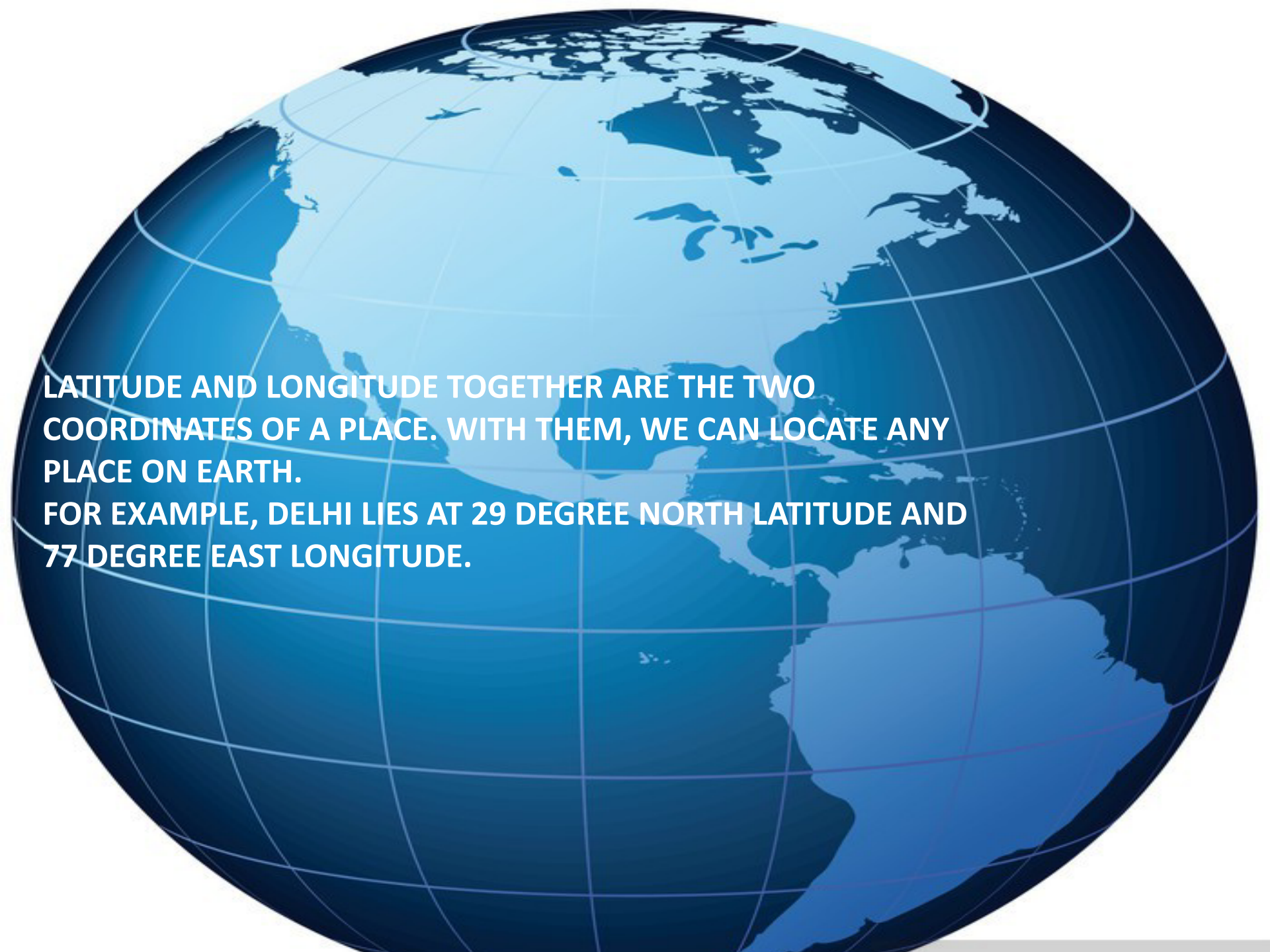


PRIME MERIDIAN:

THE PRIME MERIDIAN IS A SPECIFIC LINE OF LONGITUDE, AN IMAGINARY LINE. IT'S DESIGNATED AS 0 DEGREE LONGITUDE, THAT IS, ANY LOCATION WHICH IS EAST OF THE WILL HAVE A POSITIVE LONGITUDE, AND ANY LOCATUION, WHICH IS WEST OF THE LINE WILL HAVE A NEGATIVE LONGITUDE.

THE PRIME MEREDIAN IS THE REFERENCE POINT FOR THE WORLD'S TIME ZONE.

THE INTERNATIONAL MEREDIAN CONFERENCE OF 1884 DECIDED TO DESIGNATE THE MERIDIAN PASSING THROUGH GREENWICH, ENGLAND, AS THE PRIME MEREDIAN.



**LATITUDE AND LONGITUDE TOGETHER ARE THE TWO
COORDINATES OF A PLACE. WITH THEM, WE CAN LOCATE ANY
PLACE ON EARTH.
FOR EXAMPLE, DELHI LIES AT 29 DEGREE NORTH LATITUDE AND
77 DEGREE EAST LONGITUDE.**

Greenwich
Meridian



Western
Hemisphere



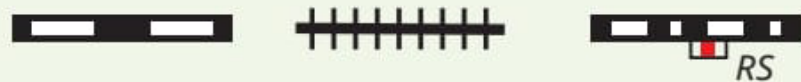
Northern
Hemisphere



Eastern
Hemisphere

Southern
Hemisphere

Railway Line: broad gauge,
metre gauge, railway station



Roads: metalled, unmetalled



Boundary: international,
state, district



River, well, tank, canal,
bridge



Temple, church, mosque,
chhatri



Post Office, Post & Telegraph
Office, Police Station



Settlement, graveyard



Trees, grass



