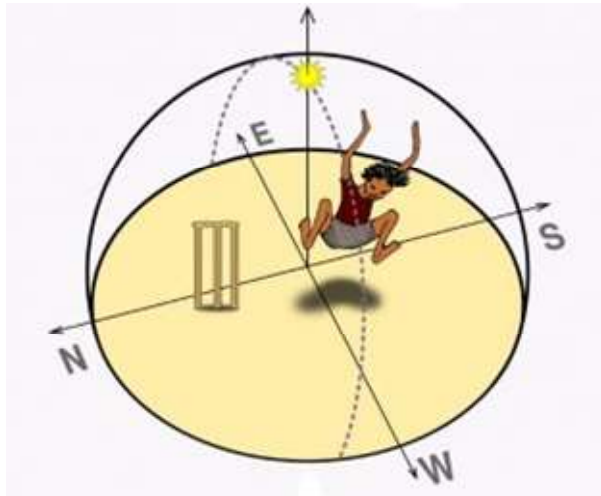


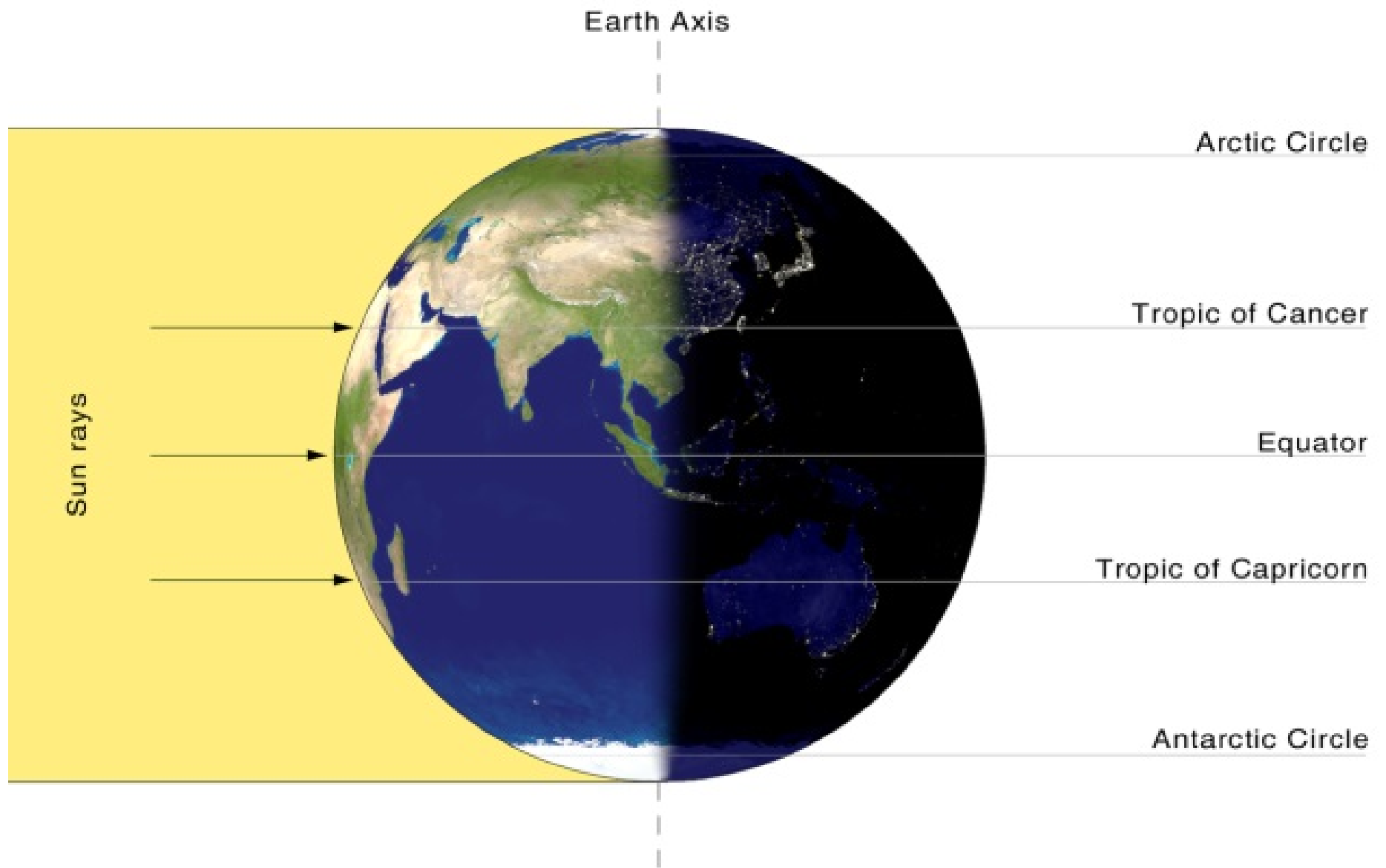
# Zero Shadow Day



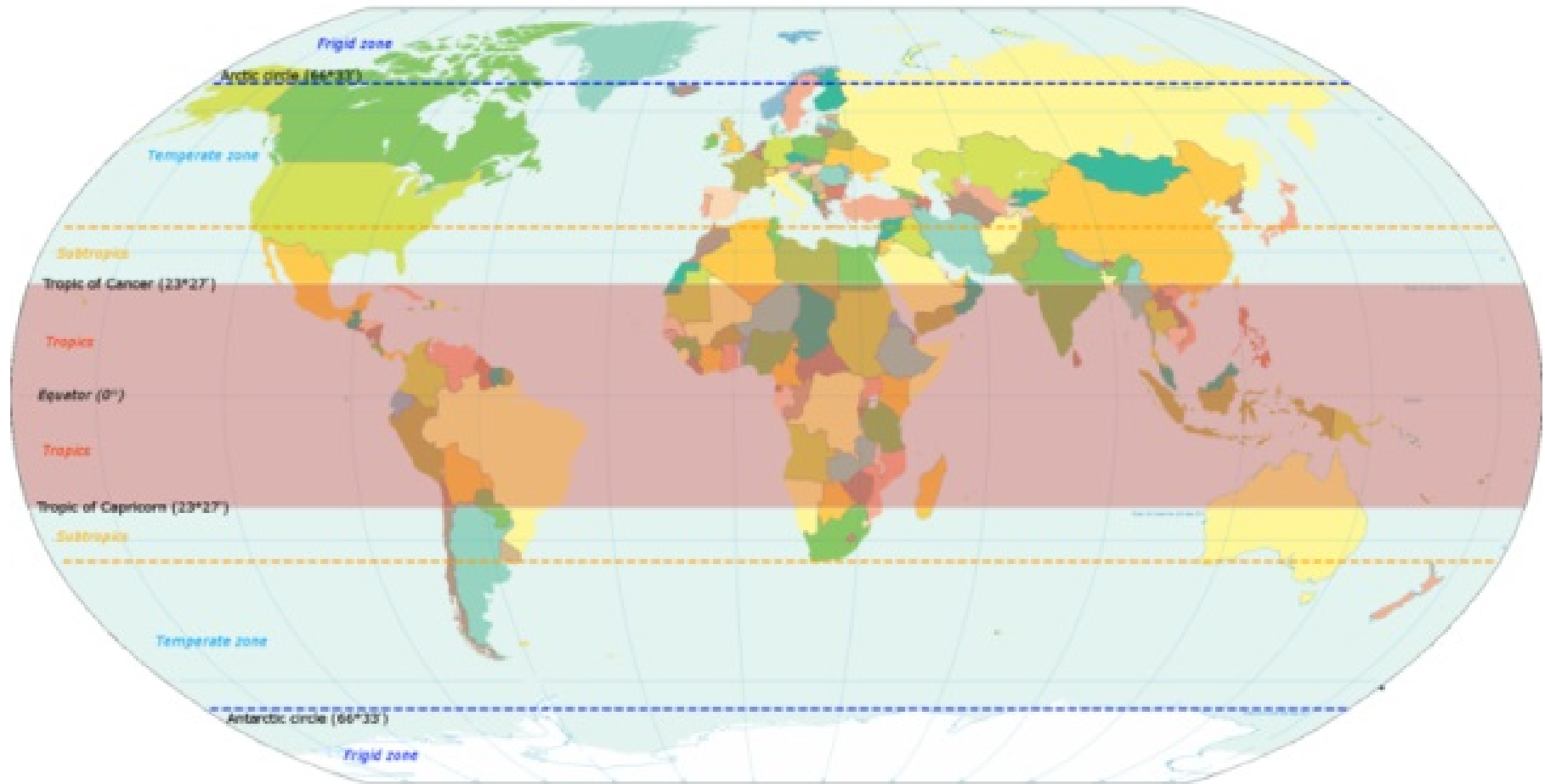
- Zero Shadow Day is a celestial phenomenon that takes place twice a year near the equator, between the Tropic of Cancer (+23.5 degrees latitude) and the Tropic of Capricorn (-23.5 degrees latitude).
- On this day, the Sun is directly overhead and thus no shadow of any vertical object can be seen.

Zero Shadow day timing for  
Surat city :-

26 May , 12:36 IST



This image shows how the direct rays from the sun are over the equator on the day of the equinox.



Only the areas located between the Tropic of Cancer and Tropic of Capricorn (shown in red) can experience a Zero Shadow Day.

## “Do It Yourself” at home

At your home, you can place a glass like shown in the image and one can observe the shadow of any cylindrical tube that exactly appear round to its shape and beneath of it totally.

One can use pencil or similar stationery for this kind of experiment and can observe the shadow disappear in the given Zero Shadow day time at your local noon.

