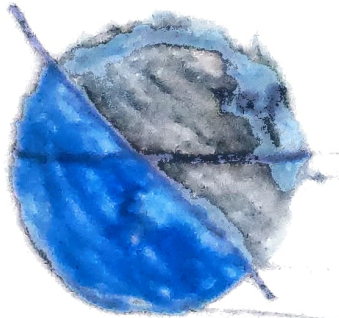
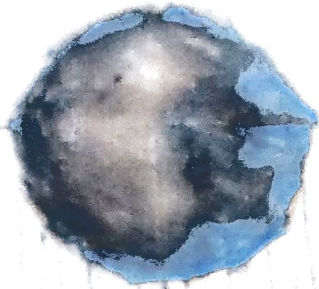
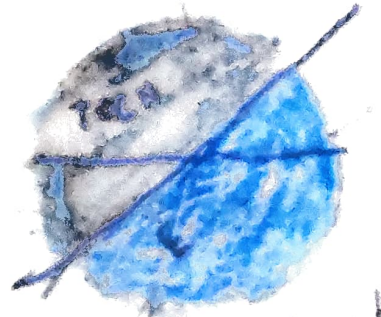


21 march



21 june

Longest day in Northern hemisphere.
Shortest day in southern hemisphere.



22 december



23 september

S

E

About

- * T.O.C.N = Torpic of cancer
- * T.O.C.P. = Torpic of capricorn
- * E - Equator
- * S - Sun

Meaning

Solstise

Summer Solstise - When the sunlight is towards the 'torpic of cancer' directly in 21th june

Winter Solstise - When the sunlight is towards the 'torpic of ~~cancer~~ capricorn' directly in 21th dec

Autumn-equinox - When the sunlight is directly falling on equator on 23rd sep

Spring equinox - When the sunlight is directly falling on equator on 21 march. During these two equinox the two hemisphere have 12 hrs day and 12 hrs night

Times-to Travel - It takes 365 days 5 hours 48 minute 46 sec to complete one rotation

Leap year - When the hours, minutes and sec mix it makes a nearby 24 hrs or 1 day this 1 day is added to 28 feb and makes the feb month one day more and to feb 29

For Northern Hemisphere