



G.D Goenka Public School

Saderbal, Lal Bazar Srinagar, J&K - 190023 - Affiliated to CBSE Vide No.730090

Email: info@gdgoenkasrinagar.com, Ph. No. 9070102020, 9070103030 - www.gdgoenkasrinagar.com



Factors Affecting India's Climate

- Latitude, altitude and pressure and winds affect Indian climate.
- The Tropic of Cancer passes through the middle of the country from the Rann of Kuchchh to Mizoram.
- Air temperature generally decreases from equator to poles.
- Temperature and air pressure decreases as on moves from surface of the earth to higher altitudes.
- The Himalayas prevent the cold winds from central Asia from entering the subcontinent.
- The climate and associated weather conditions in India are governed by various atmospheric conditions namely pressure and surface winds, upper air circulation, western cyclonic disturbances and tropical cyclones.
- The sea exerts a moderating influence on climate. People far away from sea experience extreme weather conditions. This is known as 'continentality'.
- Ocean currents also affect the climate of the coastal areas.



D. GOENKA
ASSOCIATES