

GEOGRAPHY, AGRO-CLIMATE CONDITIONS :-

The Coordinates of Bhavanisagar are 11*28' 15' N 77* 6' 50' E.

Bhavanisagar enjoys an equable and salubrious climate. It is located at 256 m MSL. There is a prevalence of tropical climate and the temperature varies from 11.7 to 39.2 * C. The relative Humidity varies from 40 to 89 %.

It is basically a rain shadow region. The rainfall pattern is more or less equatorial, suitable to raise Semi-Arid Tropical crops like Sorghum and Millet. Average rainfall in Bhavanisagar varies from 600 MM to 800 MM, averaging to 716 mm. the distribution of rainfall is 3.1 % in winter, 21.8 % in summer, 34.5 % from Southwest Monsoon and 40.6 % from Northeast Monsoon. Of course, major catchment area of Bhavanisagar Dam lies in Nilgiris District, which gets rainfall from Southwest Monsoon.

Type of soil is Black Loam, Red Loam and Red Sand.