# **AREA OF STUDY**

Sagareshwar Wildlife Sanctuary is situated in Western part of the Sangali district. Its geographical location are parallels of latitudes 17° 6' 35" and 17° 9' 35" N and between the meridians of longitudes of 74° 20' 20" and 74° 24' 20" E. Sagreshwar is a small sanctuary and relatively new and yet in the process of being developed. It is a hilly area. The hills lie in east west direction. The Sanctuary first established in 1980 as a Sagroba game reservoir and thereafter, in 1985 it became Wildlife Sanctuary. Total lengths of Sanctuary's peripheral boundaries are 35 kms. The 11 kms is barbed wire fenced and the rest 24 kms of boundaries are demarcated. The total area of the sanctuary is 1087.75 hectares or 10.87 Sq. km. All possible forest area is already in the Sanctuary. As the surrounding area is under intensive agriculture, there is no any more area to be included in the sanctuary. But now the present status of the area is as a Wildlife Sanctuary, which is famous in Sangali district. The density of forest cover is below 0.4.

#### Geology:

The Sanctuary is a mostly hilly area mainly comprising basalt rock. The western boundaries if the sanctuaries are of steep slopes. On the inside the slope is gentle, full of ravines. There is well-drained coarse loamy soil in pockets. The average height ranging between 500 m to 900 m above mean sea level (M. S. L.).

#### Soil:

A soil type varies from black cotton soil to red soil, which depends upon according to the areas. Riverbank shows rich loamy soil.

#### Climate:

The climate of Sagreshwar Sanctuary area is generally hot and dry. The rainy season is from middle of June to end of September. Winter starts

From October to end of January and summer starts from February to middle of June.

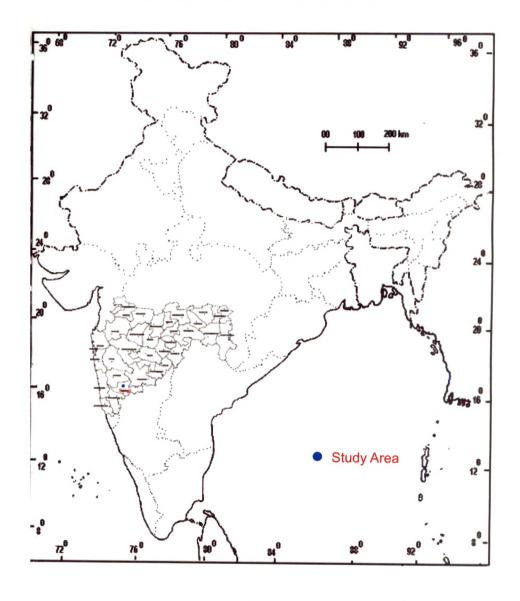
#### Rainfall:

The area receives rain from Southwest monsoon. The mean annual rainfall is 600 mm, which sets in June to September.

### Temperature:

The temperature exhibits large range between winter and summer. The maximum temperature in summer is 44°C and minimum temperature in winter is 80°C.

## **GEOGRAPHICAL LOCATION**



SAGARESHWAR WILDLIFE SANCTUARY KOLHAPUR WILDLIFE DIVISION C. NO. 1324