

CLIMATE OF SANTHAL PARGANA

SumanKumari

Research Scholar, Department of Geography, Patna University, Patna, India

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ABSTRACT

The climate of Santhal Parganas region in the undulated table land and in the hilly region is of moderately extreme type. It becomes quite cold in winter and is sufficiently hot in summer. The heat is dry, though even in summer nights are not very hot. Skies are overcast or heavily clouded in the monsoon month and are generally clear or lightly clouded in other months.

Light north-westerlies prevail during the winter and summer months. Towards the end of the summer season winds begin to blow more and more from directions between north-east and south-east

KEYWORDS: *Climate, Santhal Parganas*

INTRODUCTION

The Climate of SanthalPargana is a part of the climatic pattern of the Indian subcontinent. It enjoys a continental monsoon type of climate owing to its great distance from the sea.

CLIMATE

The climate of SanthalParganas region in the undulated table land and in the hilly region is of moderately extreme type. It becomes quite cold in winter and is sufficiently hot in summer. The heat is dry, though even in summer nights are not very hot. In the alluvial tract on the bank of the Ganga, the heat is moist and more oppressive. The table land in the Southern portion of the region and in the rolling and hilly country is swept by dry hot winds during summer and is fairly cold during winter. Summer begins from the middle of the March. May and June are very hot. Mercury sometimes rises to 115⁰F in shade. Rains set in during the second half of June. The maximum rainfall is usually in July, August and September are also rainy months. November ushers in winter January is coldest when the lowest minimum temperatures sometimes shrinks to 40⁰F' There is very little winter rainfall, The average annual rainfall of the region is 55.33".

Relative humidities are lowest during the summer months when the volume can be as low as 30% in the afternoon. During the monsoon months high humidities prevail.

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Light north-westerlies prevail during the winter and summer months. Towards the end of the summer season winds begin to blow more and more from directions between north-east and south-east. These winds strengthen and predominate during the monsoon season.

In the monsoon and post-monsoon months the region is affected by storms and depressions from the Bay of Bengal and widespread heavy rain and strong winds occur in association with some of them Thunderstorms accompanied with severe squalls occur in the pre-monsoon months. Dist storms also occur occasionally in April and May, particularly in the Western portions of the region. Morning fog can occur in the winter months.

CONCLUSIONS

Santhal Pargana climate is characterized as 'tropical monsoon' clearly indicating the dominant influence of its tropical location and the monsoon winds. Changes in the upper air conditions during the year and the Himalayas in the north and Chotanagpur Plateau in the south are the other important factors affecting it.

Seasons and their Duration

The year may be conveniently divided into the following four principal seasons.

- Cold Weather Season – December to February
- Hot Weather Season – March to May
- South-west Monsoon- June to September
- Retreating South-west Monsoon Season-October to November.

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