

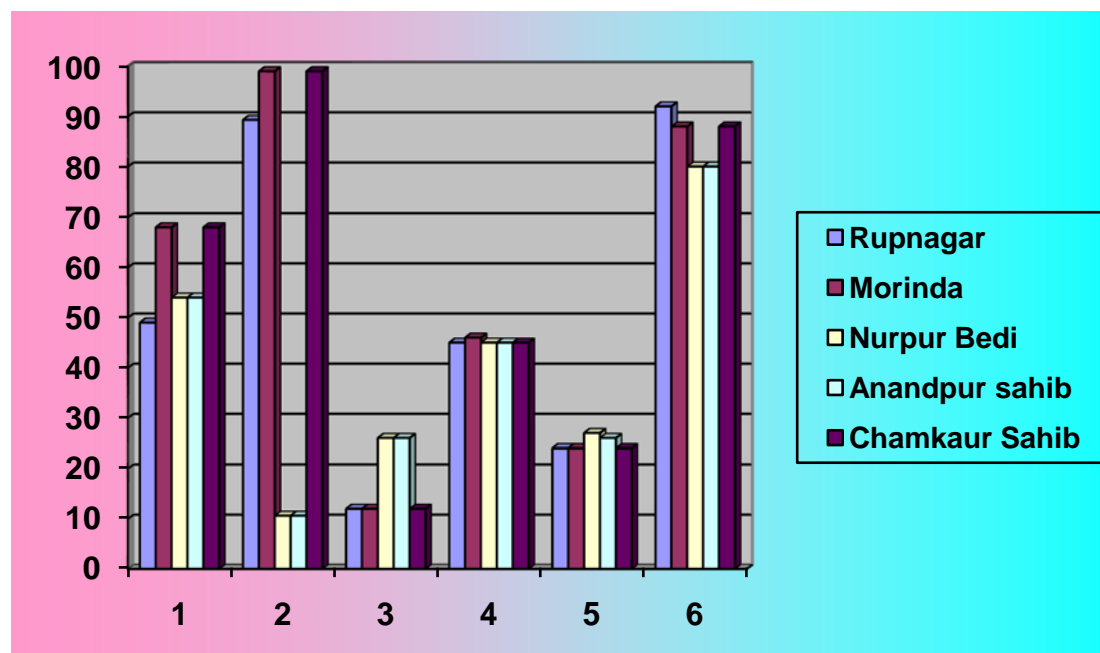
## TOPOGRAPHY AND AGRO CLIMATIC CHARACTERISTICS

The climate of Rupnagar district is characterized by its general dryness (except in the south-west monsoon season), a hot summer and a bracing cold winter. The year may be divided into four seasons. The period from about middle of November to February is the cold season. This is followed by the summer season from March to about the end of June. The south-west monsoon season commences late in June and continues up to about middle of September. The period from mid September to the middle of November constitutes the post-monsoon or transition season. The temperature ranges from minimum of 4° C in winter to 45° C in summer. May and June are generally hottest months and January and February are the coldest months. Relative humidity is high, averaging about 70 percent during monsoon. The average annual rainfall in district is 687.4 mm. About 79 percent of the annual rainfall is received during the period from June to September.

The soils of the district vary in texture generally from loam to silty clay except along the Sutlej River and choes where some sandy patches may be found. Chamkaur Sahib block has sodic soils. The soils of Anandpur Sahib and Rupnagar blocks are undulating. pH varies from 7.5 to 8.9

**Fig No.I**

**Data on weather(Available Normal)**



1. No of Rainy days

2. Average Rainfall(cm)

3. Min Temp

4. Max Temp

5. Min Humidity(%)

6. Max Humidity(%)

Fig. II Block wise monthly Rainfall data(mm)

