

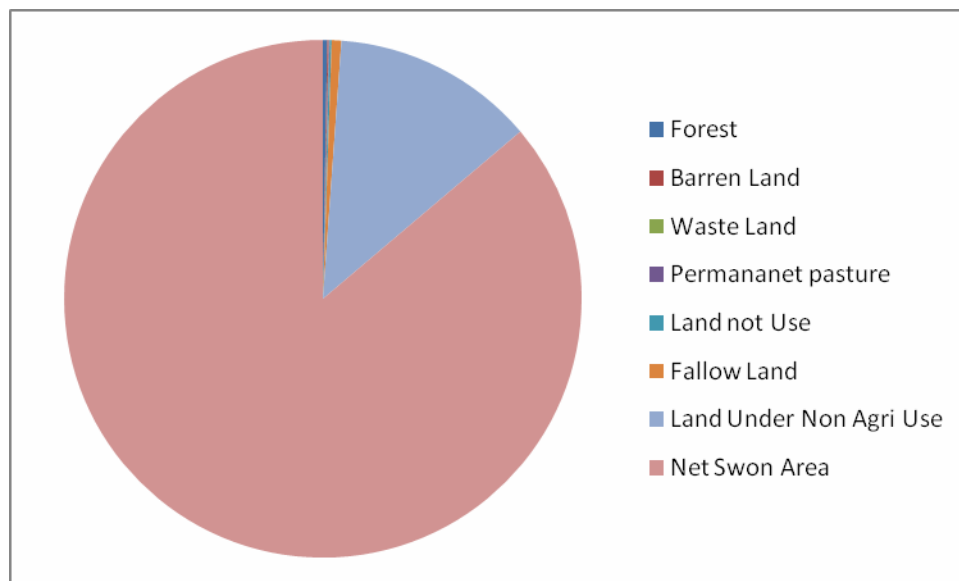
LAND USE CLASSIFICATION

The total area of district is 361452 hectare out of which the cultivated area is 311413 hectare. All the cultivated area is irrigated either by tube wells or by canals. Total area of the district is divided mainly in two portions i.e. net area sown and non cultivated area because area under forests, permanent pastures, fallow land & barren land has very minute share in the total area.

Table: 2.2 Land Utilization Statistics of District Sangrur (Area in Ha.)

Blocks	Geographical Area	Forest	Barren Land	Waste Land	Permanent Pasture	Land not Use	Fallow Land	Land Under Non Agri Use	Net Sown Area	Gross Cropped Area	Cropping intensity (%age)
Sangrur	44289	120	0	0	0	0	525	6352	37292	74795	199
Bhawanigarh	33790	130	98	0	0	0	408	3741	29413	58512	199
Ahmedgarh	34120	86	10	12	11	0	134	5268	28599	59143	193
Malerkotla	41748	102	15	18	17	0	150	6656	34790	66842	192
Dhuri	26163	40	0	0	0	0	351	3434	22338	45080	201
Sherpur	27439	17	0	0	0	0	399	2603	24420	49399	202
Sunam	79582	225	160	0	145	465	22	10052	69487	138696	200
Lehragaga	41861	140	12	0	0	0	77	4310	36343	72008	201
Andana	32460	115	8	0	0	0	120	3391	28831	57515	199
Total	361452	975	303	30	173	465	2186	45807	311513	621990	199

Figure 2.1: Land Utilisation of District Sangrur



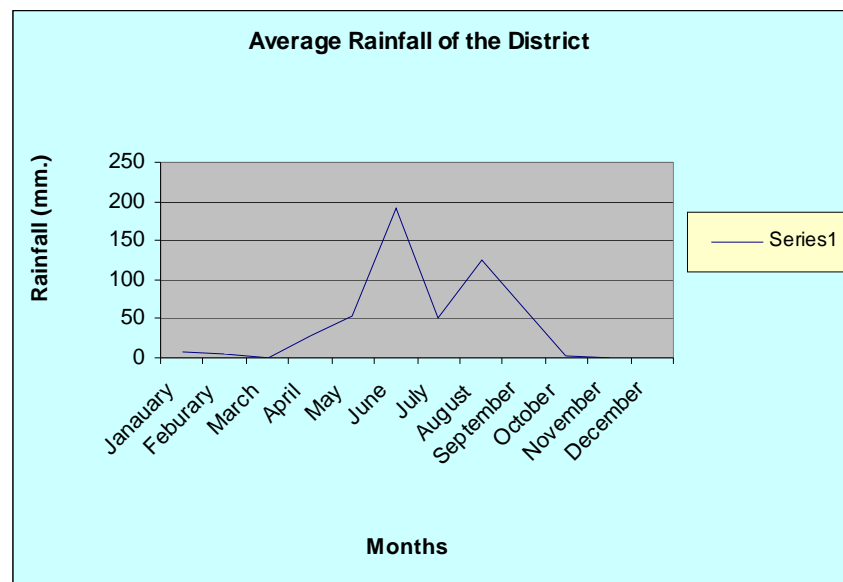
Weather of the District

Rainfall is the single main source of recharge of the ground water in the district. The average rainfall of last three years (2006 to 2008) in the district was about 392.15 mm and about 59.8% mm rainfall has been recorded during the monsoon seasons i.e. from July to September. The maximum rainfall has been recorded during the month of June i.e. 103 mm. The climate of the district is dry and hot during summer season & ever cold in the winter. The maximum and minimum temperature was recorded 48°C and 7°C and the maximum and minimum humidity was recorded 80% and 25% during the year 2008.

Table 2.3 Rainfall, Temperature and Humidity of the District

Sr. no.	Name of the Block	Rainfall		Temperature		Humidity (%)	
		No. of Rainy Days	Average Rainfall (mm.)	maximum 0°C	Minimum 0°C	Max.	Min.
1	Sangrur	46	17.7	7	48	25	80
2	Bhawanigarh	46	17.7	7	48	25	80
3	ahmedgarh	42	12.66	7	48	25	80
4	Malerkotla	42	12.66	7	48	25	80
5	Dhuri	41	9.59	7	48	25	80
6	Sherpur	41	9.59	7	48	25	80
7	Sunam	40	9.5	7	48	25	80
8	Lehra	0	0	7	48	25	80
9	Andana	0	0	7	48	25	80

Figure 2.2



Soils of the District:-

The soils of Sangrur district are mainly sandy to sandy loam in texture. According to soil

type, the whole district was divided in to three classes. The first class covering Ahmedgarh, Malerkotla, Dhuri, and Sangrur block which is spread over 349 villages having total geographical area 173759 ha. is sandy in nature. The second class covering Bhawnigarh, Sunam and Lehragaga blocks which is spread over 198 villages comprising total gross area 155233 hectare is sandy loam with moderate to severe saline sodic in nature. The water logging problem is prevalent in Lehragaga block. The third class presents only Andana block having 42 villages comprising gross area 32460 ha. is sandy loam in texture, moderate to severe saline sodic in nature.

LAND HOLDINGS

TABLE 2.4 : Percentage Shares of Land Holdings in the District

Years	Marginal	Small	Semi Medium	Medium	Large	Total
2000-01	5.84	13.7	34	37.6	8.86	100
2005-06	9	15.7	33.7	34	7.6	100

The total no of land holdings in the district are 100881 as per agriculture census 2005-06. There is 6% increase in total land holding as compared to the agriculture census of 2000-01. It is clear from the analysis that average land holding decreased from 4.61 hectare to 4.32 hectare in the period of 2001 to 2006. Table 2.1 depicts that number of large and

medium land holdings, dwindled in the agriculture census 2005-06 as compared to the agriculture census 2000-01. But on the other hand number of marginal, small and semi medium land holding increased in the later agriculture census (2005-06) as compared to the former agriculture census (2000-01). It is all due to the fragmentation of land as the inheritance law of property. The block wise land holding pattern is presented in the table 2.4 and 2.5.

Table 2.5 : Number and Area (in ha.) of Land Holdings in the District

Type of Holdings		2000-01	2005-06
Marginal	Numbers	5557	9014
	Area	3513.44	5583
Small	Numbers	13015	15907
	Area	17971.16	24589
Semi Medium	Numbers	32374	34050
	Area	87399.25	94360
Medium	Numbers	35761	34247
	Area	205721.77	197517
Large	Numbers	8421	7663
	Area	124718.78	114040

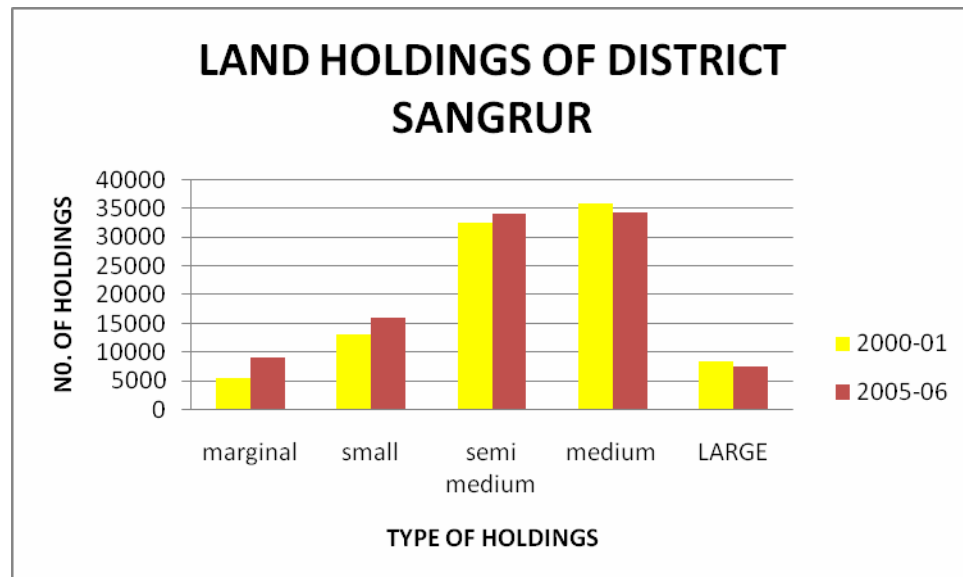


Figure 2.3