

Climate

The climate of S.A.S. Nagar 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 average rainfall is 617 mm. The district also receives occasional winter rainfall from the west. 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.

2.6 Data on Weather (Available Normal's)

Name of Block	Rainfall during 2008-09		Temperature		Humidity (%)	
	No. of rainy days	Rainfall (mm)	Min. 0C	Max. 0C	Min	Max
KHARAR	24	-	4	45	26	98
MAJRI	-	-	4	45	26	98
DERABASSI	36	-	4	45	26	98
TOTAL	60	1166.3	4	45	26	98

The annual rainfall during the year 2008-09 is 1166.3 mm. About 70 percent of the annual rainfall is received during the period from June to September.

2.7 Block wise monthly rainfall data

Block	(In mm)											
	Jan 09	Feb 09	Mar 09	Apr 09	May 09	June 09	July 09	Aug 09	Sept 09	Oct 08	Nov 08	Dec 08
Kharar	-	1.0	1.8	6.0	-	6.0	60.0	52.2	136.0	3.0	-	-
Majri	-	-	-	-	-	-	-	-	-	-	-	-
Derabassi	2.2	12.2	4.0	6.4	-	56.4	190.4	217.2	320.5	50.6	50.4	-

TOTAL	2.2	13.2	5.8	12.4	-	62.4	250.4	259.4	456.5	53.6	50.4	-
--------------	------------	-------------	------------	-------------	----------	-------------	--------------	--------------	--------------	-------------	-------------	----------

