

CHAPTER 3

CLIMATE AND RAINFALL

This section contains data on Temperature (In degrees Celsius), Humidity and Rainfall (millimeter).

Rainfall is recorded by the India Meteorological Department. Daily rainfall is recorded at 0830 hours everyday. The amount is the total rainfall for the preceding 24 hours ending at 0830 hours of the date of Measurement.

Temperature and Humidity is recorded at 0830 hours IST and at 1730 hours IST.

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Table No. 3.1

Temperature and Humidity.

Temperature

Humidity at 0830 hrs. IST

Humidity at 1730 hrs. IST

Month/Year	Mean Maximum Temp. (In Degrees Celsius)	Highest Temp. during the month (In Degrees Celsius)	Mean Minimum Temp. (In Degrees Celsius)	Lowest Temp. during the month (In Degrees Celsius)	% age relative humidity at 0830 hrs. IST	% age relative humidity at 1730 hrs. IST
1	2	3	4	5	6	7
January, 2022	16.53	22	09.30	05	89.74	75.55
February, 2022	21.48	26	09.26	05	80.07	52.96
March, 2022	30.86	37	16.58	11	65.74	45.06
April, 2022	38.54	42	21.40	18	39.50	24.70
May, 2022	38.35	44	26.10	19	45.84	31.00
June, 2022	39.29	45	26.80	22	50.00	36.23
July, 2022	34.06	37	26.79	23	78.23	70.16
August, 2022	34.01	37	26.89	25	76.35	66.45
September, 2022	33.18	36	25.03	21	78.70	66.63
October, 2022	31.47	35	18.73	14	72.35	56.74
November, 2022	27.51	32	12.83	09	77.63	56.03
December, 2022	21.98	28	08.07	03	87.55	65.81
January, 2023	17.15	26	07.74	03	89.45	71.42
February, 2023	25.95	30	11.46	05	75.11	47.39
March, 2023	28.55	37	15.42	11	68.45	48.16

Table No. 3.2

Rainfall.

Month/Year	No. of Rainy Days	Total Rainfall during the Month (in mm.)	Highest Rainfall in a day during the Month (in mm.)
1	2	3	4
January, 2022	08	204	046
February, 2022	05	033	022
March, 2022	00	000	000
April, 2022	00	000	000
May, 2022	05	028	012
June, 2022	05	050	018
July, 2022	18	473	097
August, 2022	09	159	058
September, 2022	08	216	121
October, 2022	02	017	016
November, 2022	00	000	000
December, 2022	00	000	000
January, 2023	06	028	014
February, 2023	00	000	000
March, 2023	07	062	022

Source: Daily Weather Report of the Meteorological Centre, Sector:39, Chandigarh.