

Meteorological data for the month of March 2024

Station: Punjab Agricultural University, Ludhiana

Height above mean sea level: 355 meters,

(For Research Purpose Only)

Hours of observation: Morning (M) 0730 hours IST

Evening (E) 1430 hours IST

Date	Air Temperature			Soil Temperature									Relative Humidity			Vapour Pressure			Wind		Sun-Shine (hrs)	Rain-fall (mm)	Evapo-ration (mm)	Weather Remarks					
				5 Cm Depth			10 Cm Depth			30 Cm Depth									Speed (Km/h)	Direction									
	°C			°C									%			mm				M	E								
	Max.	Min.	Mean	M	E	Mean	M	E	Mean	M	E	Mean	M	E	Mean	M	E	Mean	M			E							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	24.6	14.4	19.5	16.0	24.5	20.3	16.4	20.0	18.2	17.4	19.0	18.2	75	42	59	9.9	9.4	9.7	10.0	NW	NE	1.2	5.0	3.0	1	1			
2	23.0	16.4	19.7	16.0	24.0	20.0	16.5	20.5	18.5	17.0	19.0	18.0	71	69	70	10.7	13.6	12.2	12.8	SE	SE	2.4	35.8	4.0	1	2			
3	21.2	8.2	14.7	11.8	24.0	17.9	13.5	20.2	16.9	15.5	18.5	17.0	92	32	62	7.9	5.9	6.9	2.7	C	NW	10.2	0.0	2.4	1	0			
4	19.6	6.6	13.1	9.0	22.5	15.8	10.6	19.0	14.8	13.0	17.5	15.3	86	35	61	6.8	5.8	6.3	3.9	C	NW	9.2	0.0	3.0	0	0			
5	17.8	7.0	12.4	9.0	19.0	14.0	10.5	16.5	13.5	12.5	15.5	14.0	88	46	67	7.2	6.7	7.0	3.9	C	NW	2.2	0.0	3.0	0	1			
6	21.0	6.0	13.5	8.4	23.5	16.0	9.6	19.0	14.3	11.6	17.0	14.3	88	29	59	6.5	5.3	5.9	2.7	C	NW	10.4	0.0	2.6	0	0			
7	23.0	8.6	15.8	10.8	24.5	17.7	11.5	20.5	16.0	13.0	18.0	15.5	62	40	51	7.2	8.2	7.7	3.5	NNW	NW	9.1	0.0	2.4	1	0			
8	23.2	9.2	16.2	10.8	26.5	18.7	12.0	22.0	17.0	14.0	19.0	16.5	90	39	65	8.7	8.1	8.4	3.6	C	NW	10.7	0.0	3.0	0	0			
9	24.8	9.4	17.1	11.0	28.0	19.5	12.0	23.0	17.5	14.0	20.5	17.3	90	39	65	8.6	8.8	8.7	3.7	C	NW	10.6	0.0	3.0	0	0			
10	25.4	9.0	17.2	11.5	27.0	19.3	13.0	22.5	17.8	15.0	20.0	17.5	90	39	65	8.4	9.0	8.7	2.1	C	NW	3.7	0.0	2.8	0	1			
11	26.6	12.2	19.4	14.0	31.0	22.5	15.5	25.0	20.3	17.0	22.0	19.5	84	36	60	9.4	9.1	9.3	2.9	C	NW	7.5	0.0	3.4	0	1			
12	26.6	12.4	19.5	14.5	32.5	23.5	15.5	26.5	21.0	17.0	23.0	20.0	86	44	65	10.2	11.2	10.7	3.8	NW	NW	10.4	0.0	2.6	1	0			
13	24.0	13.6	18.8	15.5	23.5	19.5	16.5	22.0	19.3	18.0	21.0	19.5	85	62	74	11.2	11.1	11.2	1.6	C	NW	1.3	0.0	2.6	0	2			
14	26.2	11.0	18.6	13.5	32.0	22.8	14.0	26.6	20.3	16.0	22.0	19.0	91	40	66	9.9	10.0	10.0	5.6	C	NW	10.8	0.0	3.0	0	0			
15	26.0	10.0	18.0	13.0	32.0	22.5	14.0	26.0	20.0	16.0	22.0	19.0	78	37	58	7.9	9.0	8.5	4.1	NW	NW	11.4	0.0	3.0	0	0			
16	27.2	10.8	19.0	13.5	32.5	23.0	14.5	27.0	20.8	16.5	23.0	19.8	93	30	62	10.2	8.2	9.2	3.4	C	NW	10.9	0.0		0	0			
17	27.0	11.0	19.0	14.0	29.5	21.8	15.0	25.0	20.0	17.0	22.5	19.8	86	37	62	9.8	9.4	9.6	2.9	C	NW	6.8	0.0	3.0	0	1			
18	28.6	10.5	19.6	14.0	33.5	23.8	15.0	27.5	21.3	17.0	24.5	20.8	84	27	56	9.7	7.9	8.8	2.8	C	NW	10.8	0.0	3.0	0	0			
19	28.8	12.0	20.4	15.5	34.5	25.0	16.5	28.5	22.5	18.8	25.0	21.9	84	36	60	10.1	10.5	10.3	1.9	C	NW	11.1	0.0	3.6	0	0			
20	29.6	13.6	21.6	16.4	35.0	25.7	17.0	29.0	23.0	19.5	25.5	22.5	80	41	61	11.6	12.5	12.1	5.0	C	NW	10.4	0.0	4.0	0	0			
21	26.8	17.4	22.1	19.5	33.0	26.3	20.0	28.5	24.3	21.0	25.5	23.3	82	55	69	13.1	14.3	13.7	8.9	SE	SE	9.4	0.0	4.0	1	0			
22	30.0	19.2	24.6	20.5	35.5	28.0	21.0	30.0	25.5	22.5	27.0	24.8	69	46	58	12.1	13.7	12.9	3.6	SE	NE	9.8	0.0	3.0	1	0			
23	30.0	16.4	23.2	19.0	35.5	27.3	20.0	30.0	25.0	22.0	27.0	24.5	86	39	63	13.6	12.2	12.9	4.7	NW	NW	10.6	0.0	3.6	0	0			
24	30.0	16.8	23.4	21.0	31.5	26.3	22.0	27.0	24.5	23.0	25.0	24.0	63	41	52	11.5	11.8	11.7	2.3	NW	NW	6.3	TRACE	3.0	1	1			
25	30.2	16.8	23.5	18.0	36.5	27.3	19.0	31.0	25.0	21.0	28.0	24.5	71	39	55	12.6	12.5	12.6	3.5	C	NW	11.5	0.0	2.4	0	0			
26	30.0	15.8	22.9	19.0	33.5	26.3	20.0	29.0	24.5	22.0	27.0	24.5	88	41	65	14.3	12.7	13.5	2.7	C	NW	1.5	0.0	2.0	0	1			
27	30.6	19.6	25.1	21.4	33.5	27.5	22.0	30.0	26.0	23.4	28.5	26.0	82	47	65	15.9	14.3	15.1	4.9	C	NW	4.1	0.5	2.5	1	1			
28	30.0	18.4	24.2	21.4	32.4	26.9	22.0	28.0	25.0	23.6	27.4	25.5	67	42	55	12.8	13.3	13.1	5.3	NW	NW	3.6	0.0	3.0	1	1			
29	34.0	16.5	25.3	19.5	37.4	28.5	20.5	32.0	26.3	22.5	28.0	25.3	90	43	67	14.5	16.6	15.6	4.2	NW	C	8.5	21	2.8	0	0			
30	29.0	17.2	23.1	20.0	29.5	24.8	21.5	27.0	24.3	24.0	25.5	24.8	90	39	65	13.5	11.5	12.5	8.3	NE	NE	8.5	0.0	3.6	4	1			
31	30.0	17.6	23.8	18.5	31.4	25.0	19.5	29.0	24.3	21.5	27.0	24.3	62	46	54	10.7	13.7	12.2	5.2	E	NW	10.6	0.0	4.4	1	0			
M	26.6	12.9	19.8	15.4	30.0	22.7	16.2	25.3	20.9	18.1	22.9	20.5	82	41	61	10.5	10.4	10.5	4.4			7.9	62.1	91.7					