

CAAQMS LOCATION		Punjab Agricultural University, Ludhiana - Ferozepur Road, Ludhiana							
Monthly Average Data - Year 2020									
S.NO	MONTHS	PM ₁₀	PM _{2.5}	SO ₂	CO	Ozone	NO _x	NH ₃	Benzene
		µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
1	JANUARY	87.97	43.89	6.83	0.38	16.86	35.02	15.26	1.86
2	FEBRUARY	101.19	48.44	9.98	0.59	24.43	39.93	23.16	1.51
3	MARCH	61.24	28.45	8.94	0.40	19.31	41.48	19.63	1.67
4	APRIL	44.35	20.05	5.12	0.27	34.33	22.78	9.69	1.55
5	MAY	79.47	38.05	10.28	0.34	30.99	29.05	9.06	1.64
6	JUNE	85.64	39.65	4.86	0.31	59.38	28.13	8.62	1.60
7	JULY	67.55	32.10	4.16	0.23	44.02	26.67	11.66	1.58
8	AUGUST	48.05	23.37	4.81	0.26	28.44	27.40	11.00	1.60
9	SEPTEMBER	73.26	34.50	5.22	0.45	29.29	27.46	10.20	1.38
10	OCTOBER	144.64	75.53	9.44	0.51	31.75	39.36	20.65	1.61
11	NOVEMBER	182.98	92.77	11.12	0.71	23.48	50.63	23.29	1.69
12	DECEMBER	136.14	68.57	7.75	0.61	17.83	41.36	20.87	1.52
Monthly Average Data - Year 2021									
S.NO	MONTHS	PM ₁₀	PM _{2.5}	SO ₂	CO	Ozone	NO _x	NH ₃	Benzene
		µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
1	JANUARY	112.25	51.45	9.29	0.66	16.65	44.59	21.56	1.19
2	FEBRUARY	113.39	50.95	9.87	0.92	14.98	51.62	26.82	1.25
3	MARCH	114.74	55.15	9.78	0.50	21.03	64.24	20.65	1.03
4	APRIL	94.55	44.54	9.52	0.46	23.40	63.16	18.03	1.03
5	MAY	122.94	51.60	10.59	0.43	27.81	44.38	19.17	0.97
6	JUNE	100.18	46.56	9.06	0.42	27.96	35.22	17.18	0.85
7	JULY	88.64	41.22	5.83	0.63	18.00	29.52	10.83	0.83
8	AUGUST	75.18	34.73	7.04	0.72	18.40	30.60	14.59	0.91
9	SEPTEMBER	65.23	30.11	8.44	0.74	18.63	22.77	9.77	0.96
10	OCTOBER	117.90	55.40	7.17	0.88	24.57	39.50	15.76	1.02
11	NOVEMBER	209.66	102.96	13.92	1.54	20.69	62.16	23.69	1.36
12	DECEMBER	178.02	89.15	22.81	1.59	19.20	58.95	35.76	1.16
Monthly Average Data - Year 2022									
S.NO	MONTHS	PM ₁₀	PM _{2.5}	SO ₂	CO	Ozone	NO _x	NH ₃	Benzene
		µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
1	JANUARY	106.11	50.71	10.46	0.89	19.18	34.12	22.52	0.99
2	FEBRUARY	123.08	48.12	10.32	0.86	26.87	40.27	27.66	1.03
3	MARCH	135.17	58.47	9.33	0.78	33.96	43.24	35.34	0.87
4	APRIL	150.90	60.07	13.89	0.79	47.22	44.31	35.77	1.45
5	MAY	146.21	64.51	13.32	0.94	50.30	33.99	27.66	1.54
6	JUNE	165.18	60.65	9.80	0.76	54.37	23.33	14.20	1.18
7	JULY	88.37	31.79	6.50	0.82	24.92	23.35	15.21	1.16
8	AUGUST	86.53	29.71	6.45	0.57	18.93	32.34	23.58	0.97
9	SEPTEMBER	87.18	34.51	7.81	0.66	21.40	33.22	26.74	1.02
10	OCTOBER	148.47	71.41	13.27	0.99	23.85	34.75	20.62	1.57
11	NOVEMBER	191.12	103.41	12.47	0.98	20.03	47.09	25.51	2.07
12	DECEMBER	186.22	98.01	11.18	0.94	23.53	40.01	21.78	1.83
Monthly Average Data - Year 2023									
S.NO	MONTHS	PM ₁₀	PM _{2.5}	SO ₂	CO	Ozone	NO _x	NH ₃	Benzene
		µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
1	JANUARY	168.95	94.05	12.58	0.88	25.34	12.63	16.40	1.98
2	FEBRUARY	146.72	82.75	9.22	0.89	33.21	27.36	10.89	1.40
3	MARCH	122.96	46.10	8.07	0.66	25.57	29.80	14.38	0.91
4	APRIL	115.50	45.51	15.19	0.67	40.75	25.09	10.83	0.88
5	MAY	132.00	54.40	15.03	0.78	45.55	28.26	11.74	0.91
6	JUNE	118.23	44.92	13.40	0.81	42.96	28.27	9.94	0.84
7	JULY	85.39	37.49	7.33	0.80	29.17	26.12	10.02	0.82
8	AUGUST	85.40	35.25	6.81	0.51	25.82	29.27	10.40	0.84
9	SEPTEMBER	84.96	35.57	6.36	0.63	27.27	25.37	9.68	0.93
10	OCTOBER	116.49	54.38	7.52	0.78	25.85	31.75	12.44	0.98
11	NOVEMBER	223.46	108.13	14.49	1.37	21.32	42.03	26.08	1.21
12	DECEMBER	184.28	93.53	10.80	1.25	26.21	41.98	26.15	1.11
Monthly Average Data - Year 2024									
S.NO	MONTHS	PM ₁₀	PM _{2.5}	SO ₂	CO	Ozone	NO _x	NH ₃	Benzene
		µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
1	JANUARY	167.12	82.78	8.20	1.32	18.04	32.08	25.53	1.05
2	FEBRUARY	114.70	53.05	8.73	1.08	21.19	42.23	27.68	0.98
3	MARCH	88.89	43.71	9.76	0.73	21.83	30.08	17.93	1.03
4	APRIL	85.83	46.51	11.04	0.74	26.87	27.53	17.32	0.96
5	MAY	139.61	64.45	12.73	0.95	36.84	29.29	21.28	1.03
6	JUNE	139.07	73.00	10.92	0.90	27.99	30.65	19.04	0.95
7	JULY	79.66	42.96	7.16	0.82	17.93	28.97	26.40	0.92
8	AUGUST	68.74	37.45	8.13	0.80	24.59	31.66	23.94	0.92
9	SEPTEMBER	79.82	42.94	8.93	0.78	21.54	23.88	15.10	0.94
10	OCTOBER	118.38	64.75	11.91	1.42	27.43	34.63	20.30	1.04
11	NOVEMBER	201.46	102.31	13.02	2.24	23.16	50.75	27.37	2.03
12	DECEMBER	130.56	64.79	11.93	1.74	16.61	27.14	15.65	2.01