

| CAAQMS LOCATION | | A.S COLLEGE, Samrala Road, Khanna | | | | | | | |
|---------------------------------|-----------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 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 | 109.67 | 60.37 | 10.38 | 0.76 | 11.29 | 15.47 | 7.31 | 1.48 |
| 2 | FEBRUARY | 83.35 | 40.47 | 12.77 | 0.54 | 15.90 | 19.79 | 12.81 | 1.76 |
| 3 | MARCH | 50.36 | 23.62 | 14.33 | 0.79 | 17.38 | 20.00 | 18.33 | 1.81 |
| 4 | APRIL | 51.95 | 23.43 | 7.06 | 0.83 | 18.48 | 15.13 | 13.44 | 1.66 |
| 5 | MAY | 85.64 | 34.55 | 12.99 | 0.88 | 20.97 | 16.35 | 14.31 | 2.08 |
| 6 | JUNE | 92.19 | 33.83 | 6.34 | 0.66 | 27.15 | 19.65 | 21.22 | 2.63 |
| 7 | JULY | 67.01 | 28.80 | 5.80 | 0.60 | 20.53 | 17.12 | 20.60 | 1.59 |
| 8 | AUGUST | 51.09 | 22.93 | 6.19 | 0.48 | 16.40 | 15.79 | 21.97 | 1.51 |
| 9 | SEPTEMBER | 85.54 | 34.16 | 4.24 | 0.46 | 20.67 | 17.77 | 22.99 | 1.36 |
| 10 | OCTOBER | 143.06 | 60.92 | 14.94 | 0.54 | 25.93 | 20.87 | 25.95 | 2.30 |
| 11 | NOVEMBER | 171.20 | 85.96 | 20.56 | 0.84 | 12.56 | 24.53 | 34.74 | 2.98 |
| 12 | DECEMBER | 138.00 | 64.57 | 8.99 | 1.08 | 11.37 | 34.58 | 35.82 | 2.28 |
| 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 | 112.23 | 55.18 | 9.59 | 0.85 | 12.92 | 38.50 | 38.19 | 2.17 |
| 2 | FEBRUARY | 94.28 | 44.75 | 7.87 | 0.62 | 14.26 | 37.53 | 45.72 | 1.80 |
| 3 | MARCH | 109.49 | 50.50 | 20.02 | 0.42 | 16.85 | 27.31 | 26.82 | 1.95 |
| 4 | APRIL | 83.28 | 36.64 | 19.33 | 0.57 | 17.82 | 22.67 | 22.62 | 2.08 |
| 5 | MAY | 106.07 | 41.89 | 14.96 | 0.56 | 19.11 | 30.04 | 27.64 | 2.03 |
| 6 | JUNE | 87.60 | 36.25 | 7.18 | 0.66 | 24.18 | 24.31 | 24.82 | 2.38 |
| 7 | JULY | 79.20 | 29.04 | 4.76 | 0.54 | 20.74 | 14.88 | 26.15 | 1.94 |
| 8 | AUGUST | 67.45 | 26.74 | 6.26 | 0.56 | 20.29 | 12.42 | 21.76 | 1.65 |
| 9 | SEPTEMBER | 54.89 | 27.05 | 7.12 | 0.50 | 17.10 | 12.87 | 21.21 | 1.67 |
| 10 | OCTOBER | 125.64 | 62.21 | 15.82 | 0.75 | 23.64 | 42.95 | 57.79 | 1.79 |
| 11 | NOVEMBER | 176.80 | 94.08 | 21.64 | 0.66 | 14.27 | 70.08 | 87.90 | 2.51 |
| 12 | DECEMBER | 147.45 | 80.45 | 19.98 | 0.90 | 13.32 | 46.74 | 61.53 | 2.35 |
| 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 | 109.82 | 55.04 | 15.54 | 0.87 | 15.78 | 28.43 | 35.02 | 2.41 |
| 2 | FEBRUARY | 105.38 | 41.18 | 20.81 | 0.57 | 14.90 | 32.14 | 38.25 | 2.24 |
| 3 | MARCH | 118.38 | 42.95 | 15.68 | 0.72 | 15.60 | 43.31 | 47.60 | 2.11 |
| 4 | APRIL | 152.12 | 54.37 | 28.53 | 1.02 | 18.33 | 51.20 | 69.59 | 2.33 |
| 5 | MAY | 137.47 | 50.97 | 15.35 | 0.94 | 22.66 | 51.50 | 79.30 | 1.80 |
| 6 | JUNE | 109.50 | 49.52 | 14.71 | 0.77 | 28.34 | 49.67 | 69.99 | 1.89 |
| 7 | JULY | 49.01 | 21.77 | 6.06 | 0.69 | 17.09 | 37.33 | 44.13 | 1.92 |
| 8 | AUGUST | 53.66 | 23.46 | 5.49 | 0.60 | 20.50 | 29.81 | 35.70 | 2.98 |
| 9 | SEPTEMBER | 58.42 | 25.21 | 6.73 | 0.62 | 23.67 | 13.75 | 43.68 | 2.07 |
| 10 | OCTOBER | 110.78 | 55.52 | 8.95 | 0.75 | 30.78 | 31.30 | 53.89 | 1.68 |
| 11 | NOVEMBER | 155.16 | 78.44 | 14.33 | 0.61 | 40.99 | 38.57 | 61.25 | 1.80 |
| 12 | DECEMBER | 136.91 | 69.11 | 12.36 | 0.55 | 17.61 | 38.53 | 68.03 | 1.43 |
| 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 | 99.11 | 54.88 | 12.99 | 0.50 | 18.56 | 37.21 | 55.94 | 1.46 |
| 2 | FEBRUARY | 95.18 | 40.76 | 16.76 | 0.53 | 19.56 | 33.05 | 61.13 | 1.88 |
| 3 | MARCH | 76.16 | 25.87 | 12.60 | 0.49 | 18.11 | 28.03 | 54.29 | 1.60 |
| 4 | APRIL | 108.74 | 31.65 | 15.97 | 0.60 | 19.11 | 37.46 | 69.21 | 2.33 |
| 5 | MAY | 82.85 | 27.93 | 15.37 | 0.59 | 21.09 | 38.87 | 69.97 | 2.29 |
| 6 | JUNE | 73.74 | 24.94 | 10.52 | 0.69 | 25.76 | 36.50 | 69.88 | 2.30 |
| 7 | JULY | 61.81 | 22.19 | 8.16 | 0.51 | 25.08 | 31.87 | 64.89 | 2.13 |
| 8 | AUGUST | 85.45 | 30.52 | 7.41 | 0.63 | 20.94 | 25.67 | 56.35 | 2.49 |
| 9 | SEPTEMBER | 66.64 | 26.65 | 7.98 | 0.71 | 21.94 | 22.42 | 51.34 | 2.69 |
| 10 | OCTOBER | 96.38 | 47.17 | 12.15 | 0.92 | 38.18 | 31.31 | 59.05 | 2.14 |
| 11 | NOVEMBER | 160.86 | 91.83 | 18.36 | 0.94 | 30.74 | 42.80 | 67.73 | 1.66 |
| 12 | DECEMBER | 126.69 | 66.24 | 11.97 | 0.86 | 18.68 | 36.02 | 60.92 | 2.09 |
| 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 | 112.62 | 57.81 | 13.86 | 0.53 | 22.61 | 37.58 | 61.67 | 1.79 |
| 2 | FEBRUARY | 97.80 | 43.89 | 19.21 | 0.63 | 27.55 | 39.63 | 64.25 | 1.75 |
| 3 | MARCH | 77.57 | 37.76 | 13.92 | 0.58 | 37.77 | 35.71 | 60.41 | 1.51 |
| 4 | APRIL | 77.13 | 40.44 | 13.18 | 0.38 | 46.76 | 40.27 | 61.21 | 1.51 |
| 5 | MAY | 124.15 | 59.45 | 16.17 | 0.66 | 48.52 | 37.69 | 58.30 | 1.55 |
| 6 | JUNE | 136.42 | 51.91 | 8.94 | 0.65 | 31.60 | 36.68 | 44.84 | 1.80 |
| 7 | JULY | 76.12 | 32.65 | 5.89 | 0.57 | 35.94 | 28.31 | 27.41 | 1.33 |
| 8 | AUGUST | 70.02 | 36.81 | 7.42 | 0.42 | 30.91 | 34.86 | 32.45 | 1.64 |
| 9 | SEPTEMBER | 72.87 | 39.07 | 9.83 | 0.35 | 27.28 | 29.37 | 24.46 | 1.79 |
| 10 | OCTOBER | 117.94 | 63.70 | 11.00 | 0.68 | 36.14 | 31.96 | 25.34 | 1.84 |
| 11 | NOVEMBER | 156.13 | 84.53 | 14.70 | 0.89 | 21.60 | 34.48 | 26.70 | 1.81 |
| 12 | DECEMBER | 99.10 | 52.46 | 9.85 | 0.57 | 23.48 | 29.46 | 24.14 | 1.70 |