



Kerala State Pollution Control Board

Continuous Ambient Air Quality Monitoring Station, Trivandrum

Daily Report on Criteria Pollutants

Sunday, 28 May 2017

| Time (Hrs.) | CO (mg/m ³) | Ozone (µg/m ³) | NO (µg/m ³) | NO ₂ (µg/m ³) | NO _X (µg/m ³) | NH ₃ (µg/m ³) | SO ₂ (µg/m ³) | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------|-------------------------|----------------------------|-------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|---------------------------------------|
| 00:00 | 0.56 | 20.5 | 2.2 | 4.0 | 6.3 | 5.0 | 3.6 | 20 | 38 |
| 01:00 | 0.61 | 19.2 | 2.1 | 3.7 | 5.8 | 4.9 | 1.7 | 13 | 39 |
| 02:00 | 0.62 | 18.1 | 2.4 | 4.9 | 7.3 | 4.9 | 1.7 | 19 | 39 |
| 03:00 | 0.65 | 19.2 | 2.4 | 4.1 | 6.5 | 4.9 | 2.4 | 16 | 38 |
| 04:00 | 0.65 | 16.6 | 2.3 | 6.2 | 8.6 | 5.0 | 2.0 | 17 | 43 |
| 05:00 | 0.65 | 21.1 | 1.9 | 4.8 | 6.8 | 5.0 | 1.9 | 8 | 31 |
| 06:00 | 0.71 | 22.0 | 2.5 | 5.6 | 8.1 | 4.8 | 3.6 | 16 | 33 |
| 07:00 | 0.77 | 20.4 | 2.0 | 7.0 | 9.1 | 5.2 | 4.5 | 19 | 39 |
| 08:00 | 0.60 | 21.8 | 2.7 | 6.7 | 9.4 | 4.9 | 4.3 | 10 | 37 |
| 09:00 | 0.52 | 25.3 | 2.4 | 5.1 | 7.5 | 4.9 | 4.7 | 10 | 31 |
| 10:00 | 0.52 | 29.5 | 1.9 | 7.3 | 9.2 | 4.8 | 4.9 | 9 | 33 |
| 11:00 | 0.49 | 29.4 | 2.2 | 4.6 | 6.8 | 5.1 | 4.3 | 16 | 37 |
| 12:00 | 0.71 | 29.4 | 2.3 | 4.7 | 7.0 | 5.0 | 3.2 | 13 | 36 |
| 13:00 | 0.74 | 28.6 | 2.3 | 5.4 | 7.7 | 4.9 | 3.3 | 13 | 27 |
| 14:00 | 0.69 | 25.3 | 1.9 | 2.9 | 4.8 | 5.1 | 2.8 | 12 | 29 |
| 15:00 | 0.59 | 25.8 | 2.1 | 3.6 | 5.7 | 5.0 | 3.0 | 11 | 26 |
| 16:00 | 0.56 | 26.5 | 2.5 | 6.0 | 8.4 | 5.1 | 2.9 | 18 | 21 |
| 17:00 | 0.74 | 22.6 | 2.2 | 6.5 | 8.7 | 5.1 | 3.0 | 24 | 51 |
| 18:00 | 0.87 | 20.0 | 1.9 | 9.4 | 11.3 | 5.1 | 4.1 | 24 | 48 |
| 19:00 | 0.86 | 19.0 | 2.2 | 11.7 | 14.0 | 5.2 | 3.6 | 16 | 34 |
| 20:00 | 0.85 | 15.7 | 1.3 | 13.5 | 14.8 | 5.3 | 3.8 | 25 | 54 |
| 21:00 | 0.81 | 14.3 | 1.6 | 13.8 | 15.3 | 5.2 | 3.8 | 22 | 49 |
| 22:00 | 0.52 | 19.0 | 2.1 | 8.3 | 10.4 | 5.5 | 3.7 | 24 | 41 |
| 23:00 | 0.34 | 25.2 | 2.3 | 1.9 | 4.2 | 5.3 | 3.7 | 7 | 22 |
| Average | 0.65 | 22.3 | 2.2 | 6.3 | 8.5 | 5.1 | 3.4 | 16 | 37 |
| Minimum | 0.34 | 14.3 | 1.3 | 1.9 | 4.2 | 4.8 | 1.7 | 7 | 21 |
| Maximum | 0.87 | 29.5 | 2.7 | 13.8 | 15.3 | 5.5 | 4.9 | 25 | 54 |
| Capture | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

| | | | | | | | | | |
|-------------------|-----------|------------|---|-----------|---|------------|-----------|-----------|------------|
| NAAQ Std.(1Hr.) | 04 | 180 | - | - | - | - | - | - | - |
| NAAQ Std.(8Hr.) | 02 | 100 | - | - | - | - | - | - | - |
| NAAQ Std.(24Hr.) | - | - | - | 80 | - | 400 | 80 | 60 | 100 |
| NAAQ Std.(Annual) | - | - | - | 40 | - | 100 | 50 | 40 | 60 |