

KERALA STATE POLLUTION CONTROL BOARD
CONTINUOUS AMBIENT AIR QUALITY MONITORING Dated 18-09-2019

| Station at Palayam | SO2 ($\mu\text{g}/\text{m}^3$) | CO (mg/m^3) | PM2.5 ($\mu\text{g}/\text{m}^3$) | O3 ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) | NH3 ($\mu\text{g}/\text{m}^3$) | NOx ($\mu\text{g}/\text{m}^3$) | | | AQI PM10 | AQI PM2.5 | AQI Avg | REMARKS |
|-----------------------|-------------------------------------|----------------------------------|---------------------------------------|------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--------|--|-------------|--------------|---------|---------|
| | | 4.28 | 0.46 | 16.05 | 4.05 | 38.11 | 4.84 | 107.09 | | | 38.11 | 26.75 | 32.43 |

| Station at Eloor | NO2 ($\mu\text{g}/\text{m}^3$) | O3 ($\mu\text{g}/\text{m}^3$) | NOx ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) | NO ($\mu\text{g}/\text{m}^3$) | CO (mg/m^3) | NH3 ($\mu\text{g}/\text{m}^3$) | SO2 ($\mu\text{g}/\text{m}^3$) | PM2.5 ($\mu\text{g}/\text{m}^3$) | AQI PM10 | AQI PM2.5 | AQI Avg | REMARKS |
|---------------------|-------------------------------------|------------------------------------|-------------------------------------|--------------------------------------|------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|-------------|--------------|---------|---------|
| | | 2.67 | 8.14 | 4.97 | 29.27 | 4.58 | 0.6 | 33.11 | 3.71 | 10.46 | 29.27 | 17.43 | 23.35 |

| Station at MG Road | NH3 ($\mu\text{g}/\text{m}^3$) | CO (mg/m^3) | NOx ($\mu\text{g}/\text{m}^3$) | THC ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) | PM2.5 ($\mu\text{g}/\text{m}^3$) | H2S ($\mu\text{g}/\text{m}^3$) | SO2 ($\mu\text{g}/\text{m}^3$) | Benzene ($\mu\text{g}/\text{m}^3$) | AQI PM10 | AQI PM2.5 | AQI Avg | REMARKS |
|-----------------------|-------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|---|-------------|--------------|---------|---------|
| | | 16.14 | 1 | 68.03 | 0 | 24.58 | 5.35 | 3.36 | 12.26 | 0 | 24.58 | 8.92 | 16.75 |

| Station at Vytila | SO2 ($\mu\text{g}/\text{m}^3$) | PM2.5 ($\mu\text{g}/\text{m}^3$) | CO (mg/m^3) | NH3 ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) | Benzene ($\mu\text{g}/\text{m}^3$) | NOx ($\mu\text{g}/\text{m}^3$) | O3 ($\mu\text{g}/\text{m}^3$) | | AQI PM10 | AQI PM2.5 | AQI Avg | REMARKS |
|----------------------|-------------------------------------|---------------------------------------|----------------------------------|-------------------------------------|--------------------------------------|---|-------------------------------------|------------------------------------|------|-------------|--------------|---------|---------|
| | | 3.03 | 21.33 | 3.68 | 15.44 | 67.52 | 0 | 110.58 | 1.79 | | 67.52 | 35.55 | 51.53 |

| Station at Plamoodu | NO (mg/m^3) | NH3 ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) | PM2.5 ($\mu\text{g}/\text{m}^3$) | SO2 ($\mu\text{g}/\text{m}^3$) | CO (mg/m^3) | O3 ($\mu\text{g}/\text{m}^3$) | | | AQI PM10 | AQI PM2.5 | AQI Avg | REMARKS |
|------------------------|----------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|----------------------------------|------------------------------------|-------|--|-------------|--------------|---------|---------|
| | | 0.79 | 1.21 | 19.98 | 8.84 | 0.93 | 0.91 | 16.75 | | | 19.98 | 14.73 | 17.35 |

