

KERALA STATE POLLUTION CONTROL BOARD
CONTINUOUS AMBIENT AIR QUALITY MONITORING Dated 17-09-2019

| Station at | 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 |
|------------|-------------------------------------|----------------------------------|---------------------------------------|------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--|--|-------------|--------------|---------|---------|
| Palayam | 4.07 | 0.47 | 24.65 | 4.06 | 39.31 | 7.17 | 108.55 | | | 39.31 | 41.08 | 40.19 | Good |

| Station at | 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 |
|------------|-------------------------------------|------------------------------------|-------------------------------------|--------------------------------------|------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|-------------|--------------|---------|---------|
| Eloor | 2.2 | 8.57 | 4.78 | 29.15 | 4.29 | 0.6 | 33.13 | 2.67 | 9.35 | 29.15 | 15.58 | 22.36 | Good |

| Station at | 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 |
|------------|-------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|---|-------------|--------------|---------|---------|
| MG Road | 16.24 | 1 | 68.53 | 0 | 38.28 | 11.46 | 2.95 | 10.78 | 0.39 | 38.28 | 19.1 | 28.69 | Good |

| Station at | 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 |
|------------|-------------------------------------|---------------------------------------|----------------------------------|-------------------------------------|--------------------------------------|---|-------------------------------------|------------------------------------|--|-------------|--------------|---------|--------------|
| Vyttila | 3.05 | 24.57 | 3.94 | 15.75 | 80.31 | 0 | 109.64 | 1.78 | | 80.31 | 40.95 | 60.63 | Satisfactory |

| Station at | 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 |
|------------|----------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|----------------------------------|------------------------------------|--|--|-------------|--------------|---------|---------|
| Plamoodu | 0.65 | 1.24 | 34.85 | 17.77 | 0.29 | 0.89 | 20.14 | | | 34.85 | 29.62 | 32.23 | Good |

