

IDUKKI DISTRICT SAMP REPORT FEBRUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

| STN Code | SamplingDate | MonitoringStation | Latitude | Longitude | Type Of Location | City | District | State | Monitoring Agency | SO2_6AM_10AM | SO2_10AM_2PM | SO2_2PM_6PM | SO2_6PM_10PM | SO2_10PM_2AM | SO2_2AM_6AM | SO2_24 hourly average |
|----------|--------------|-------------------|----------|-----------|------------------|--------|----------|--------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Code | date* | station : | | | class : | City : | District | State | Name of agency : | 4-Hourly Value of S02 | 4-Hourly Value of S02 | 4-Hourly Value of S02 | 4-Hourly Value of S02 | 4-Hourly Value of S02 | 4-Hourly Value of S02 | |
| SAMP-NIL | 01.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 03.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 06.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 09.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 13.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 16.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 20.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 23.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 27.02.2023 | Thodupuzha | 9.904221 | 76.71136 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |

| Temperature° C | | Weather | NO2_ 6PM_ 10PM | NO2_ 10PM_2AM | NO2_ 2AM_6AM | NO2 24 hourly average | RSPM_ 6AM_2PM | RSPM_2 PM_10P M | RSPM_10 PM_6AM | RSPM 24 hourly average | SPM_ 6AM_2 PM | SPM_2P M_10PM | SPM_ 10PM_6 AM | SPM 24 hourly average | PM 2.5 24-hourly value |
|-------------------|-----|---------|------------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| Min | Max | | 4- Hourly Value of NO2 | 4-Hourly Value of NO2 | 4-Hourly Value of NO2 | | 8-Hourly Value of RSPM | 8-Hourly Value of RSPM | 8-Hourly Value of RSPM | | 8- Hourly Value of SPM | 8-Hourly Value of SPM | 8-Hourly Value of SPM | | |
| 24 | 31 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 38.48 | 52.58 | 42.48 | 44.51 | 67.25 | 59.32 | 66.34 | 64.30 | 41 |
| 24 | 32 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 49.35 | 45.69 | 42.76 | 45.93 | 87.84 | 83.88 | 72.33 | 81.35 | 36 |
| 20 | 34 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 54.31 | 55.30 | 52.26 | 53.96 | 83.16 | 98.41 | 78.69 | 86.75 | 38 |
| 25 | 31 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 66.25 | 70.36 | 55.08 | 63.90 | 96.87 | 100.85 | 77.61 | 91.78 | 44 |
| 21 | 31 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 58.04 | 76.83 | 58.15 | 64.34 | 70.28 | 91.41 | 73.27 | 78.32 | 44 |
| 20 | 32 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 62.66 | 76.08 | 58.75 | 65.83 | 96.13 | 95.32 | 82.82 | 91.42 | 35 |
| 23 | 35 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 52.07 | 52.60 | 53.18 | 52.62 | 86.89 | 80.21 | 66.28 | 77.79 | 45 |
| 23 | 32 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 41.02 | 53.28 | 50.46 | 48.25 | 74.62 | 100.24 | 86.83 | 87.23 | 42 |
| 23 | 35 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 52.37 | 58.99 | 47.68 | 53.01 | 90.13 | 97.18 | 74.97 | 87.43 | 29 |

| STN Code | SamplingDate | Monitoring Station | Latitude | Longitude | Type Of Location | City | District | State | Monitoring Agency | SO2_6AM_10AM | SO2_10AM_2PM | SO2_2PM_6PM | SO2_6PM_10PM | SO2_10PM_2AM | SO2_2AM_6AM | SO2_24 hourly average |
|----------|-----------------|------------------------------|----------|-----------|------------------|--------|---------------|------------|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Code | Sampling date*: | Name of monitoring station : | | | Area class : | City : | District Name | State Name | Name of monitoring agency : | 4-Hourly Value of SO2 | 4-Hourly Value of SO2 | 4-Hourly Value of SO2 | 4-Hourly Value of SO2 | 4-Hourly Value of SO2 | 4-Hourly Value of SO2 | |
| SAMP-NIL | 01.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 03.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 06.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 09.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 13.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 16.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 20.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 23.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |
| SAMP-NIL | 27.02.2023 | MUTTOM | 9.840549 | 76.74777 | CMRCL | TDPA | IDUKKI | KERALA | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 | 2.0 |

| Temperature°C | | Weather | NO2_6P | NO2_10PM_2 | NO2_2AM_6A | NO2_24 hourly average | RSPM_6AM_2P | RSPM_2PM_10 | RSPM_10PM_6A | RSPM_24 hourly average | SPM_6AM_2P | SPM_10PM_6 | SPM_24 hourly average | PM 2.5 | |
|---------------|-----|---------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------|----|
| Min | Max | | M_10PM | AM | M | | M | PM | M | | M | M_10PM | AM | | |
| | | | 4-Hourly Value of N02 | 4-Hourly Value of N02 | 4-Hourly Value of N02 | | 8-Hourly Value of RSPM | 8-Hourly Value of RSPM | 8-Hourly Value of RSPM | | 8-Hourly Value of SPM | 8-Hourly Value of SPM | 8-Hourly Value of SPM | 24-hourly value | |
| 24 | 31 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 37.65 | 56.92 | 33.07 | 42.55 | 69.60 | 92.57 | 74.82 | 79.00 | 25 |
| 24 | 32 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 47.68 | 44.55 | 24.39 | 38.87 | 79.58 | 79.69 | 54.22 | 71.16 | 22 |
| 20 | 34 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 56.67 | 57.49 | 43.85 | 52.67 | 105.11 | 91.24 | 75.90 | 90.75 | 22 |
| 25 | 31 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 53.55 | 68.09 | 44.89 | 55.51 | 101.37 | 104.30 | 66.45 | 90.70 | 29 |
| 21 | 31 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 46.45 | 66.70 | 44.65 | 52.60 | 79.23 | 98.92 | 70.36 | 82.84 | 35 |
| 20 | 32 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 51.89 | 62.66 | 46.88 | 53.81 | 83.86 | 91.46 | 74.00 | 83.11 | 34 |
| 23 | 35 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 53.11 | 56.75 | 43.22 | 51.03 | 83.82 | 92.26 | 72.98 | 83.02 | 83 |
| 23 | 32 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 51.89 | 62.66 | 46.88 | 53.81 | 83.86 | 91.46 | 74.00 | 83.11 | 83 |
| 23 | 35 | Sunny | 4.5 | 4.5 | 4.5 | 4.5 | 53.11 | 56.75 | 43.22 | 51.03 | 83.82 | 92.26 | 72.98 | 83.02 | 34 |

ERNAKULAM DISTRICT SAMP REPORT FEBRUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

| STNCod e | SamplingDate | MonitoringStation | Latitude | Longitude | TypeOfLoca tion | City | StateNam e | Monitoring Agency | SO2_6AM _10AM | SO2_10A M_14PM | SO2_14P M_18PM |
|-----------------|-----------------|---------------------------------|----------|-----------|--------------------|------------|---------------|----------------------|----------------------------|----------------------------|----------------------------|
| Station Code | Sampling date*: | Name of monitoring station : | Latitude | Longitude | TypeOfLoca tion | City | StateNam e | Monitoring Agency | 4-Hourly Value of S2 | 4-Hourly Value of S2 | 4-Hourly Value of S2 |
| | 01-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 03-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 06-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 09-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 13-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 16-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 20-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 23-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |
| | 27-02-2023 | MUVATTUPUZHA | EKM | 9.996199 | 76.572509 | Commercial | Kerala | KSPCB | 2 | 2 | 2 |

| SO2_18P M_22PM | SO2_22P M_2AM | SO2_2A M_6AM | NO2_6A M_10AM | NO2_10A M_14PM | NO2_14PM_ 18PM | NO2_18P M_22PM | NO2_22P M_2AM | PM10_14_2 2 | PM10_22_6 | PM2.5 (24Hourly) | Temperat ure | |
|----------------------------|----------------------------|--------------------------|----------------------------|----------------------------|-------------------------|----------------------------|----------------------------|------------------------------|------------------------------|--------------------------------|-----------------|---------|
| 4-Hourly Value of S2 | 4-Hourly Value of S2 | Hourly Value of S2 | 4-Hourly Value of N2 | 4-Hourly Value of N2 | 4-Hourly Value of N2 | 4-Hourly Value of N2 | 4-Hourly Value of N2 | 8-Hourly Value of PM10 | 8-Hourly Value of PM10 | 24-Hourly Value of PM2.5 | Temperat ure | Weather |
| 2 | 2 | 2 | 4.5 | 9.7 | 20 | 20.2 | 4.5 | 55 | 53 | 21 | 32 | Sunny |
| 2 | 2 | 2 | 10 | 12.7 | 17.8 | 4.5 | 4.5 | 40 | 28 | 42 | 30 | Sunny |
| 2 | 2 | 2 | 4.5 | 4.5 | 4.5 | 4.5 | 22.7 | 70 | 44 | 22 | 31 | Sunny |
| 2 | 2 | 2 | 4.5 | 14.6 | 20 | 9.2 | 4.5 | 61 | 50 | 15 | 31 | Sunny |
| 2 | 2 | 2 | 10 | 4.5 | 19.4 | 13.2 | 4.5 | 86 | 45 | 41 | 31 | Sunny |
| 2 | 2 | 2 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 38 | 82 | 57 | 31 | Sunny |
| 2 | 2 | 2 | 4.5 | 12.1 | 13.8 | 9.2 | 4.5 | 59 | 53 | 40 | 33 | Sunny |
| 2 | 2 | 2 | 4.5 | 9.7 | 22.1 | 11.1 | 4.5 | 57 | 42 | 47 | 31 | Sunny |
| 2 | 2 | 2 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 42 | 71 | 37 | 32 | Sunny |

PALAKKAD DISTRICT SAMP REPORT FEBRUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

| STN Code | Sampling Date | Monitoring Station | Latitude | Longitude | Type Of Location | City | District | State | Monitoring Agency | SO ₂ 6AM_10AM | SO ₂ 10AM_14PM | SO ₂ 14PM_18PM | SO ₂ 18PM_22PM | SO ₂ 22PM_2AM | SO ₂ 2AM_6AM |
|--------------|-----------------|------------------------------|-----------|-----------|------------------|----------|---------------|------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Station Code | Sampling date*: | Name of monitoring station : | | | Area class : | City : | District Name | State Name | Name of monitoring agency : | 4-Hourly Value of SO ₂ | 4-Hourly Value of SO ₂ | 4-Hourly Value of SO ₂ | 4-Hourly Value of SO ₂ | 4-Hourly Value of SO ₂ | 4-Hourly Value of SO ₂ |
| 311B | 01-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |
| 311B | 03-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |
| 311B | 06-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |
| 311B | 09-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | * | * | * | * | * | * |
| 311B | 13-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |
| 311B | 16-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |
| 311B | 20-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |
| 311B | 23-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | * | * | * | * | * | * |
| 311B | 27-02-2023 | BEML LIMITED | 10.789629 | 76.785743 | Industry | Palakkad | Palakkad | Kerala | KSPCB | 2 | 2 | 2 | 2 | 2 | 2 |

Note:- * Machine not working .

| SO2 24 hourly averag | Temperature | | NO2_ 6AM_10 | NO2_18 PM_22P | NO2_ 22PM_ | NO2_ 2AM_6A | NO2 24 hourly | RSPM_ 6AM_14 | RSPM_1 4PM_22 | RSPM_ 22PM_6 | RSPM 24 hourly | SPM_ 6AM_14P | SPM_14P | SPM_ 22PM_6 | SPM 24 hourly | PM 2.5 |
|-------------------------------|-------------|-----|-----------------------------|-----------------------------|---------------------------------|-----------------------------|------------------|------------------------------|------------------------------|------------------------------|-------------------|-----------------------------|-----------------------------|-----------------------------|------------------|--------------------|
| | Min | Max | 4-Hourly Value of NO2 | 4-Hourly Value of NO2 | 4- Hourly Value of NO2 | 4-Hourly Value of NO2 | | 8-Hourly Value of RSPM | 8-Hourly Value of RSPM | 8-Hourly Value of RSPM | | 8-Hourly Value of SPM | 8-Hourly Value of SPM | 8-Hourly Value of SPM | | 24-hourly value |
| 2 | 24 | 33 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 54.37 | 38.85 | 66.56 | 53.26 | 98.97 | 70.86 | 163.09 | 110.973 | 54.26 |
| 2 | 24 | 34 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 48.87 | 53.75 | 38.7 | 47.1067 | 149.64 | 143.33 | 81.44 | 124.803 | 51.43 |
| 2 | 24 | 33 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 74.01 | 46.4 | 13.48 | 44.63 | 178.17 | 118.82 | 70.26 | 122.417 | 68.94 |
| * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 2.0 | 24 | 35 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 58.67 | 73.34 | 36.66 | 56.2233 | 136.01 | 254.5 | 83.95 | 158.153 | 25.53 |
| 2.0 | 25 | 35 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 11.94 | 36.9 | 19.11 | 22.65 | 46.35 | 66.33 | 34.67 | 49.1167 | 62.17 |
| 2.0 | 24 | 36 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 54.6 | 33.35 | 50.75 | 46.2333 | 105.23 | 76.48 | 86.09 | 89.2667 | 4.24 |
| * | 25 | 36 | * | * | * | * | * | * | * | * | * | * | * | * | * | 28.73 |
| 2.0 | 25 | 36 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 57.23 | 31.96 | 55.06 | 48.0833 | 91.77 | 75.48 | 97.81 | 88.3533 | 22.45 |

KANNUR DISTRICT SAMP REPORT FEBRUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

| Sampling Date | Monitoring | Latitude | Longitude | Types of | City | District | State | Monitoring | SO ₂ | | | | | | | Temperature(°c) | |
|---------------|------------|-----------|-----------|----------|--------|----------|--------|------------|------------------------------------|----------|---------|----------|----------|---------|-------|-----------------|-----|
| | | | | | | | | | 6AM-10AM | 10AM-2PM | 2PM-6PM | 6PM-10PM | 10PM-2AM | 2AM-6AM | 24hrs | Min | Max |
| | | | | Class | | | | | 4 hourly values of SO ₂ | | | | | | | | |
| 01-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 24 | 35 |
| 03-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.6 | 2.1 | 25 | 34 |
| 06-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 11.9 | 3.7 | 24 | 33 |
| 09-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.3 | 2.0 | 2.0 | 2.0 | 24 | 33 |
| 13-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 23 | 34 |
| 16-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 23 | 33 |
| 20-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 24 | 33 |
| 23-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 23 | 33 |
| 27-02-2023 | Kannur | 11.878504 | 75.376382 | Y | Kannur | Kannur | Kerala | KSPCB | 2.0 | 2.0 | 3.2 | 2.3 | 2.0 | 2.0 | 2.3 | 22 | 35 |

| Weather | NOx | | | | | RSPM | | | RSPM 24hrs | SPM | | | SPM 24 hrs avg | PM 2.5 |
|---------|------------------------|--------------|--------------|-------------|--------------|-------------|--------------|--------------|---------------|-------------|--------------|--------------|-------------------|--------|
| | 6AM- 10AM | 6PM- 10PM | 10PM- 2AM | 2AM- 6AM | 24hrs avg | 6AM- 2PM | 2PM- 10PM | 10PM- 6AM | | 6AM- 2PM | 2PM- 10PM | 10PM- 6AM | | |
| | 4 hourly values of NOx | | | | | | | | | | | | | |
| CLEAR | 4.5 | 4.5 | 4.5 | 34.1 | 9.4 | 59.6 | 90.7 | 100.5 | 83.6 | 138.2 | 138.1 | 123.6 | 133.3 | 47.37 |
| CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 5.6 | 75.1 | 118.2 | 102.2 | 98.5 | 114.1 | 152.7 | 115.6 | 127.4 | 64.23 |
| CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 45.2 | 68.6 | 108.2 | 74.0 | 81.0 | 102.3 | 112.8 | 98.7 | 49.95 |
| CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 40.0 | 27.5 | 78.2 | 48.6 | 71.7 | 35.1 | 93.1 | 66.6 | 78.65 |
| CLEAR | 4.5 | 20.3 | 20.0 | 10.9 | 10.8 | 66.5 | 100.8 | 99.7 | 89.0 | 130.4 | 134.7 | 112.0 | 125.7 | 58.00 |
| CLEAR | 12.3 | 4.5 | 11.4 | 4.5 | 7.9 | 81.2 | 88.6 | 68.4 | 79.4 | 147.5 | 128.0 | 92.1 | 122.5 | 51.02 |
| CLEAR | 14.3 | 4.5 | 4.5 | 4.5 | 6.1 | 58.5 | 56.6 | 80.0 | 65.0 | 141.2 | 90.1 | 108.5 | 113.3 | 51.44 |
| CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 70.4 | 76.8 | 91.7 | 79.6 | 141.0 | 118.2 | 100.2 | 119.8 | 62.98 |
| CLEAR | 4.5 | 4.5 | 4.5 | 18.3 | 9.6 | 62.2 | 88.7 | 96.3 | 82.4 | 135.6 | 189.3 | 150.1 | 158.3 | 48.16 |

| Temperature(°c) | | Weather | NOx | | | | | RSPM | | | RSPM 24hrs | SPM | | | SPM 24 hrs avg | PM 2.5 | |
|-----------------|-----|---------|------------------------|--------------|--------------|-------------|--------------|-------------|--------------|--------------|---------------|-------------|--------------|--------------|-------------------|--------|--|
| Min | Max | | 6AM- 10AM | 6PM- 10PM | 10PM- 2AM | 2AM- 6AM | 24hrs avg | 6AM- 2PM | 2PM- 10PM | 10PM- 6AM | | 6AM- 2PM | 2PM- 10PM | 10PM- 6AM | | | |
| | | | 4 hourly values of NOx | | | | | | | | | | | | | | |
| 24 | 35 | CLEAR | 53.2 | 14.9 | 21.4 | 12.6 | 24.9 | 96.8 | 85.4 | 108.8 | 97.0 | 226.6 | 268.2 | 128.7 | 207.8 | 67.33 | |
| 25 | 34 | CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 5.6 | 78.8 | 103.2 | 103.4 | 95.1 | 152.2 | 160.2 | 138.9 | 150.5 | 70.10 | |
| 24 | 33 | CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 59.2 | 74.1 | 114.2 | 82.5 | 106.2 | 93.3 | 117.6 | 105.7 | 85.62 | |
| 24 | 33 | CLEAR | 56.8 | 10.0 | 4.5 | 11.3 | 15.3 | 51.5 | 68.1 | 87.8 | 69.1 | 64.3 | 80.5 | 99.4 | 81.4 | 61.86 | |
| 23 | 34 | CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 6.1 | 95.7 | 90.3 | 102.2 | 96.1 | 161.2 | 96.7 | 123.4 | 127.1 | 67.34 | |
| 23 | 33 | CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 66.6 | 84.0 | 68.0 | 72.9 | 119.5 | 108.4 | 79.8 | 102.6 | 68.39 | |
| 24 | 33 | CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 5.9 | 69.0 | 83.2 | 92.1 | 81.5 | 107.3 | 101.4 | 105.0 | 104.6 | 69.61 | |
| 23 | 33 | CLEAR | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 86.6 | 92.0 | 111.8 | 96.8 | 154.8 | 135.4 | 146.6 | 145.6 | 77.89 | |
| 22 | 35 | CLEAR | 11.2 | 4.5 | 4.5 | 4.5 | 8.0 | 117.7 | 106.4 | 91.2 | 105.1 | 246.9 | 170.7 | 319.8 | 245.8 | 81.73 | |

| RSPM ($\mu\text{g}/\text{m}^3$) | | | TOTAL SPM ($\mu\text{g}/\text{m}^3$) | | | | |
|-----------------------------------|-----------|------------|--|-------|-------|-----------|------------|
| 06-14 | 8 hrs Max | 24 hrs avg | 06-14 | 14-22 | 22-06 | 8 hrs Max | 24 hrs avg |
| 46 | 48 | 46 | 93 | 92 | 92 | 93 | 93 |
| 44 | 44 | 40 | 87 | 94 | 61 | 94 | 81 |
| 30 | 49 | 38 | 62 | 97 | 67 | 97 | 75 |
| 39 | 40 | 37 | 90 | 79 | 65 | 90 | 78 |
| 52 | 52 | 44 | 102 | 93 | 73 | 102 | 89 |
| 38 | 42 | 36 | 77 | 89 | 60 | 89 | 76 |
| 47 | 54 | 49 | 101 | 111 | 90 | 111 | 101 |
| 31 | 44 | 39 | 72 | 97 | 89 | 97 | 86 |
| 53 | 53 | 47 | 117 | 93 | 89 | 117 | 99 |

| RSPM ((µg/m ³) | | | TOTAL SPM ((µg/m ³) | | | | | PM2.5 (µg/m ³) |
|-----------------------------|-----------|------------|----------------------------------|-------|-------|-----------|------------|----------------------------|
| 06-14 | 8 hrs Max | 24 hrs avg | 06-14 | 14-22 | 22-06 | 8 hrs Max | 24 hrs avg | 06 - 06 24HRS |
| 39 | 59 | 51 | 90 | 121 | 117 | 121 | 109 | 48 |
| 38 | 52 | 45 | 86 | 109 | 98 | 109 | 98 | 42 |
| 52 | 52 | 39 | 105 | 76 | 65 | 105 | 82 | 32 |
| 30 | 48 | 37 | 67 | 77 | 98 | 98 | 81 | 36 |
| 36 | 53 | 46 | 79 | 117 | 114 | 117 | 103 | 43 |
| 47 | 47 | 40 | 100 | 96 | 72 | 100 | 89 | 46 |
| 40 | 47 | 45 | 87 | 101 | 97 | 101 | 95 | 40 |
| 46 | 53 | 50 | 92 | 103 | 101 | 103 | 99 | 47 |
| 49 | 49 | 44 | 101 | 93 | 70 | 101 | 88 | 44 |