# MONTHLY AAQM DATA ALONG WITH AQI FOR 18 NAMP STATIONS

# **MARCH 2026**

About National Air Quality Index

1. Air Quality Index is a tool for effective communication of air quality status to people in terms, which are easy to understand. It transforms complex air quality data of various pollutants into a single number (index value), nomenclature and color.

2. There are six AQI categories, namely Good, Satisfactory, Moderately polluted, Poor, Very Poor, and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints). AQ sub-index and health breakpoints are evolved for eight pollutants (PM10, PM2.5, NO2, SO2, CO, O3, NH3, and Pb) for which short-term (up to 24-hours) National Ambient Air Quality Standards are prescribed.

3. Based on the measured ambient concentrations of a pollutant, sub-index is calculated, which is a linear function of concentration (e.g. the sub-index for PM2.5 will be 51 at concentration 31 µg/m3 , 100 at concentration 60 µg/m3 , and 75 at concentration of 45 µg/m3 ). The worst sub-index determines the overall AQI. AQI categories and health breakpoints for the eight pollutants are as follow:

**Table 1 : AQI Category, Pollutants and Health Breakpoints**

| AQI Category (Range) | $PM_{10}$ 24-hr | $PM_{2.5}$ 24-hr | $NO_2$ 24-hr | $O_3$ 8-hr | CO 8-hr ($mg/m^3$) | $SO_2$ 24-hr | $NH_3$ 24-hr | Pb 24-hr |
|---|---|---|---|---|---|---|---|---|
| Good (0-50) | **0-50** | **0-30** | **0-40** | **0-50** | **0-1.0** | **0-40** | **0-200** | **0-0.5** |
| Satisfactory (51-100) | **51-100** | **31-60** | **41-80** | **51-100** | **1.1-2.0** | **41-80** | **201-400** | **0.5 –1.0** |
| Moderate (101-200) | **101-250** | **61-90** | **81-180** | **101-168** | **2.1- 10** | **81-380** | **401-800** | **1.1-2.0** |
| Poor (201-300) | **251-350** | **91-120** | **181-280** | **169-208** | **10-17** | **381-800** | **801-1200** | **2.1-3.0** |
| Very poor (301-400) | **351-430** | **121-250** | **281-400** | **209-748*** | **17-34** | **801-1600** | **1200-1800** | **3.1-3.5** |
| Severe (401-500) | **430 +** | **250+** | **400+** | **748+*** | **34+** | **1600+** | **1800+** | **3.5+** |

Table 2: AQI : Associated Health Impacts

| AQI | Associated Health Impacts |
|---|---|
| Severe (401-500) | SEVERE : May cause respiratory effects even on healthy people and serious health effect on people with lung/heart diseases |
| Very Poor (301–400) | VERY-POOR: May cause respiratory illness to the people on prolonged exposure. Effect may be more pronounced in people with lung and heart diseases |
| Poor (201-300) | POOR : May cause breathing discomfort to people on prolonged exposure and discomfort to people with heart disease |
| Moderate (101–200) | MODERATE : May cause breathing discomfort to the people with lung disease such as asthma and discomfort to people with heart disease Children and older adults |
| Satisfactory (51–100) | SATISFACTORY : May cause minor breathing discomfort to sensitive people |
| Good (0–50) | GOOD : Minimal impact |

| **Station: Near Old GSPCB office** | | | | | | | | | **City :Panaji** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March- 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 03-03-26 | 81 | 38 | 8 | 20 | 0.71 | 22 | 0.21 | **81** | Satisfactory |
| 2 | 06-03-26 | 77 | 35 | 7 | 17 | 0.49 | 23 | 0.19 | **77** | Satisfactory |
| 3 | 10-03-26 | 85 | 43 | 9 | 22 | 0.55 | 25 | 0.16 | **85** | Satisfactory |
| 4 | 13-03-26 | 88 | 47 | 10 | 24 | 0.69 | 23 | 0.17 | **88** | Satisfactory |
| 5 | 17-03-26 | 75 | 35 | 6 | 21 | 0.84 | 26 | 0.22 | **75** | Satisfactory |
| 6 | 20-03-26 | 80 | 38 | 8 | 22 | 0.71 | 26 | 0.21 | **80** | Satisfactory |
| 7 | 24-03-26 | 88 | 43 | 9 | 24 | 0.54 | 24 | 0.19 | **88** | Satisfactory |
| 8 | 27-03-26 | 72 | 37 | 7 | 20 | 0.79 | 24 | 0.15 | **72** | Satisfactory |
| 9 | 31-03-26 | 85 | 43 | 8 | 20 | 0.63 | 26 | 0.23 | **85** | Satisfactory |

| **Station: Above Municipality toilet, Chacha Nehru Park, Mapusa** | | | | | | | | | **City :Mapusa** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:-March - 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 03-03-26 | 96 | 45 | 11 | 23 | 0.88 | 25 | 0.17 | **96** | Satisfactory |
| 2 | 06-03-26 | 79 | 38 | 8 | 27 | 0.95 | 23 | 0.25 | **79** | Satisfactory |
| 3 | 10-03-26 | 85 | 40 | 10 | 23 | 0.81 | 24 | 0.22 | **85** | Satisfactory |
| 4 | 13-03-26 | 94 | 46 | 10 | 20 | 0.63 | 26 | 0.31 | **94** | Satisfactory |
| 5 | 17-03-26 | 90 | 42 | 11 | 25 | 0.52 | 24 | 0.29 | **90** | Satisfactory |
| 6 | 20-03-26 | 82 | 38 | 10 | 22 | 0.96 | 26 | 0.25 | **82** | Satisfactory |
| 7 | 24-03-26 | 88 | 44 | 11 | 25 | 0.71 | 25 | 0.30 | **88** | Satisfactory |
| 8 | 27-03-26 | 92 | 45 | 12 | 26 | 0.83 | 26 | 0.32 | **92** | Satisfactory |
| 9 | 31-03-26 | 74 | 36 | 9 | 22 | 0.55 | 24 | 0.27 | **74** | Satisfactory |

| **Station: Fuse Call Office** | | **City: Vasco** | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Duration:- March 2026** | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3** | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | **$NH_3$** | | |
| 1 | 04-03-26 | 110 | 72 | 2 | 9 | 24 | **141** | Moderate |
| 2 | 06-03-26 | 109 | 72 | 2 | 16 | 10 | **140** | Moderate |
| 3 | 11-03-26 | 70 | 45 | 2 | 15 | 10 | **75** | Satisfactory |
| 4 | 13-03-26 | 59 | 44 | 2 | 18 | 10 | **73** | Satisfactory |
| 5 | 17-03-26 | 66 | 10 | 2 | 7 | 10 | **66** | Satisfactory |
| 6 | 20-03-26 | 58 | 12 | 2 | 19 | 10 | **58** | Satisfactory |
| 7 | 24-03-26 | 52 | 19 | 2 | 13 | 10 | **52** | Satisfactory |
| 8 | 27-03-26 | 51 | 44 | 2 | 11 | 10 | **73** | Satisfactory |
| 9 | 31-03-26 | 95 | 10 | 2 | 20 | 10 | **95** | Satisfactory |

| **Station: MPT Quarters** | | | | **City: Baina** | | | | |
|---|---|---|---|---|---|---|---|---|
| **Duration:- March-2026** | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3** | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | **$NH_3$** | | |
| 1 | 04-03-26 | 85 | 57 | 2 | 20 | 10 | **96** | Satisfactory |
| 2 | 06-03-26 | 84 | 69 | 2 | 8 | 10 | **128** | Moderate |
| 3 | 11-03-26 | 57 | 48 | 2 | 13 | 10 | **80** | Satisfactory |
| 4 | 13-03-26 | 45 | 43 | 2 | 5 | 10 | **72** | Satisfactory |
| 5 | 17-03-26 | 30 | 10 | 2 | 11 | 10 | **30** | Good |
| 6 | 20-03-26 | 58 | 12 | 2 | 19 | 10 | **58** | Satisfactory |
| 7 | 24-03-26 | 44 | 37 | 2 | 16 | 10 | **62** | Satisfactory |
| 8 | 27-03-26 | 51 | 42 | 2 | 12 | 10 | **70** | Satisfactory |
| 9 | 31-03-26 | 29 | 24 | 2 | 14 | 10 | **40** | Good |

| **Station: Roof top of Municipal market** | | | | | | | | | **City: Ponda** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:-March - 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 02-03-2026 | 86 | 42 | 10 | 25 | 0.68 | 25 | 0.22 | **86** | Satisfactory |
| 2 | 05-03-2026 | 79 | 37 | 9 | 23 | 0.53 | 22 | 0.29 | **79** | Satisfactory |
| 3 | 09-03-2026 | 81 | 41 | 11 | 24 | 0.71 | 26 | 0.17 | **81** | Satisfactory |
| 4 | 12-03-2026 | 73 | 36 | 7 | 20 | 0.49 | 23 | 0.20 | **73** | Satisfactory |
| 5 | 16-03-2026 | 66 | 31 | 9 | 23 | 0.83 | 27 | 0.26 | **66** | Satisfactory |
| 6 | 19-03-2026 | 78 | 36 | 9 | 24 | 0.75 | 24 | 0.18 | **78** | Satisfactory |
| 7 | 23-03-2026 | 61 | 28 | 7 | 20 | 0.62 | 21 | 0.21 | **61** | Satisfactory |
| 8 | 26-03-2026 | 84 | 41 | 10 | 22 | 0.70 | 23 | 0.17 | **84** | Satisfactory |
| 9 | 30-03-2026 | 76 | 37 | 11 | 24 | 0.89 | 26 | 0.24 | **76** | Satisfactory |

| **Station: Rooftop of Ravindra Bhavan Building** | | | | | | | | | **City:-Margao** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:-March 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 04-03-26 | 63 | 30 | 7 | 21 | 0.28 | 24 | 0.11 | **63** | Satisfactory |
| 2 | 07-03-26 | 79 | 37 | 6 | 19 | 0.45 | 21 | 0.15 | **79** | Satisfactory |
| 3 | 11-03-26 | 55 | 25 | 8 | 24 | 0.57 | 25 | 0.13 | **55** | Satisfactory |
| 4 | 14-03-26 | 69 | 34 | 5 | 17 | 0.31 | 21 | 0.06 | **69** | Satisfactory |
| 5 | 18-03-26 | 60 | 28 | 7 | 18 | 0.64 | 24 | 0.17 | **60** | Satisfactory |
| 6 | 21-03-26 | 56 | 25 | 9 | 22 | 0.50 | 22 | 0.21 | **56** | Satisfactory |
| 7 | 25-03-26 | 64 | 30 | 6 | 20 | 0.32 | 20 | 0.10 | **64** | Satisfactory |
| 8 | 28-03-26 | 58 | 26 | 8 | 17 | 0.46 | 25 | 0.14 | **58** | Satisfactory |

| **Station: Residence of Mr. Rama Naik, Assanora Junction City: Assanora** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration: March- 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 03-03-2026 | 76 | 35 | 6 | 19 | 0.49 | 21 | 0.12 | **76** | Satisfactory |
| 2 | 06-03-2026 | 68 | 32 | 7 | 17 | 0.25 | 24 | 0.17 | **68** | Satisfactory |
| 3 | 10-03-2026 | 84 | 38 | 6 | 21 | 0.37 | 23 | 0.20 | **84** | Satisfactory |
| 4 | 13-03-2026 | 78 | 36 | 9 | 18 | 0.40 | 21 | 0.16 | **78** | Satisfactory |
| 5 | 17-03-2026 | 81 | 38 | 8 | 18 | 0.31 | 24 | 0.13 | **81** | Satisfactory |
| 6 | 20-03-2026 | 73 | 34 | 6 | 21 | 0.56 | 21 | 0.10 | **73** | Satisfactory |
| 7 | 24-03-2026 | 70 | 32 | 8 | 19 | 0.29 | 21 | 0.14 | **70** | Satisfactory |
| 8 | 27-03-2026 | 82 | 37 | 9 | 24 | 0.45 | 20 | 0.19 | **82** | Satisfactory |
| 9 | 31-03-2026 | 76 | 35 | 6 | 20 | 0.53 | 24 | 0.13 | **76** | Satisfactory |

| **Station: Residence of Mr. Sagun Ramkrishna Fadte** | | | | | | | | | **City: Amona** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- -March - 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 02-03-2026 | 76 | 37 | 7 | 19 | 0.36 | 23 | 0.18 | **76** | Satisfactory |
| 2 | 05-03-2026 | 66 | 32 | 9 | 23 | 0.25 | 22 | 0.12 | **66** | Satisfactory |
| 3 | 09-03-2026 | 72 | 34 | 8 | 21 | 0.41 | 25 | 0.15 | **72** | Satisfactory |
| 4 | 12-03-2026 | 65 | 29 | 6 | 18 | 0.19 | 21 | 0.13 | **65** | Satisfactory |
| 5 | 16-03-2026 | 77 | 36 | 9 | 21 | 0.30 | 23 | 0.10 | **77** | Satisfactory |
| 6 | 19-03-2026 | 59 | 28 | 8 | 24 | 0.21 | 18 | 0.15 | **59** | Satisfactory |
| 7 | 23-03-2026 | 66 | 30 | 7 | 17 | 0.45 | 22 | 0.11 | **66** | Satisfactory |
| 8 | 26-03-2026 | 74 | 36 | 7 | 15 | 0.37 | 23 | 0.14 | **74** | Satisfactory |
| 9 | 30-03-2026 | 62 | 27 | 10 | 18 | 0.24 | 19 | 0.10 | **62** | Satisfactory |

| **Station: Municipality Building** | | | | | | | | | | **City: Bicholim** |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:March - 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 03-03-2026 | 89 | 43 | 11 | 23 | 0.62 | 25 | 0.25 | **89** | Satisfactory |
| 2 | 06-03-2026 | 96 | 46 | 10 | 20 | 0.81 | 26 | 0.28 | **96** | Satisfactory |
| 3 | 10-03-2026 | 102 | 49 | 13 | 25 | 0.75 | 22 | 0.31 | **101** | Moderate |
| 4 | 13-03-2026 | 91 | 43 | 10 | 22 | 0.69 | 25 | 0.24 | **91** | Satisfactory |
| 5 | 17-03-2026 | 83 | 38 | 9 | 19 | 0.88 | 27 | 0.19 | **83** | Satisfactory |
| 6 | 20-03-2026 | 94 | 42 | 11 | 24 | 0.65 | 24 | 0.30 | **94** | Satisfactory |
| 7 | 24-03-2026 | 78 | 36 | 8 | 19 | 0.73 | 21 | 0.25 | **78** | Satisfactory |
| 8 | 27-03-2026 | 98 | 47 | 12 | 26 | 0.86 | 25 | 0.29 | **98** | Satisfactory |
| 9 | 31-03-2026 | 103 | 49 | 13 | 28 | 0.92 | 23 | 0.33 | **102** | Moderate |

| **Station: Near Ajoba temple, Honda junction** | | | | | | | | | **City: Honda** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:-March- 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 02-03-2026 | 81 | 38 | 9 | 24 | 0.47 | 21 | 0.18 | **81** | Satisfactory |
| 2 | 05-03-2026 | 77 | 35 | 8 | 21 | 0.69 | 24 | 0.21 | **77** | Satisfactory |
| 3 | 09-03-2026 | 72 | 34 | 7 | 18 | 0.75 | 20 | 0.27 | **72** | Satisfactory |
| 4 | 12-03-2026 | 83 | 38 | 8 | 21 | 0.52 | 24 | 0.24 | **83** | Satisfactory |
| 5 | 16-03-2026 | 89 | 44 | 7 | 16 | 0.68 | 24 | 0.18 | **89** | Satisfactory |
| 6 | 19-03-2026 | 74 | 36 | 6 | 18 | 0.81 | 23 | 0.21 | **74** | Satisfactory |
| 7 | 23-03-2026 | 79 | 38 | 9 | 25 | 0.75 | 21 | 0.17 | **79** | Satisfactory |
| 8 | 26-03-2026 | 86 | 43 | 8 | 23 | 0.63 | 25 | 0.20 | **86** | Satisfactory |
| 9 | 30-03-2026 | 73 | 34 | 9 | 24 | 0.49 | 23 | 0.16 | **73** | Satisfactory |

| **Station:- Usgao Junction** | | | | | | | | | **City:-Usgao** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March-2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 02-03-26 | 80 | 37 | 7 | 24 | 0.47 | 21 | 0.12 | **80** | Satisfactory |
| 2 | 05-03-26 | 87 | 43 | 9 | 24 | 0.59 | 24 | 0.15 | **87** | Satisfactory |
| 3 | 09-03-26 | 65 | 30 | 6 | 21 | 0.36 | 23 | 0.20 | **65** | Satisfactory |
| 4 | 12-03-26 | 72 | 33 | 8 | 22 | 0.74 | 26 | 0.17 | **72** | Satisfactory |
| 5 | 16-03-26 | 63 | 29 | 9 | 22 | 0.42 | 22 | 0.22 | **63** | Satisfactory |
| 6 | 19-03-26 | 83 | 38 | 8 | 25 | 0.59 | 20 | 0.14 | **83** | Satisfactory |
| 7 | 23-03-26 | 75 | 35 | 8 | 20 | 0.32 | 22 | 0.11 | **75** | Satisfactory |
| 8 | 26-03-26 | 68 | 31 | 9 | 24 | 0.84 | 21 | 0.20 | **68** | Satisfactory |
| 9 | 30-03-26 | 71 | 35 | 7 | 20 | 0.67 | 25 | 0.16 | **71** | Satisfactory |

| **Station: Premises of Somnath English High School** | | | | | | | | | **City:-Codli** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March -2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 04-03-26 | 69 | 34 | 8 | 22 | 0.28 | 23 | 0.18 | **69** | Satisfactory |
| 2 | 07-03-26 | 74 | 35 | 7 | 18 | 0.36 | 21 | 0.15 | **74** | Satisfactory |
| 3 | 11-03-26 | 79 | 38 | 7 | 17 | 0.25 | 20 | 0.20 | **79** | Satisfactory |
| 4 | 14-03-26 | 71 | 32 | 6 | 15 | 0.31 | 22 | 0.13 | **71** | Satisfactory |
| 5 | 18-03-26 | 64 | 31 | 7 | 21 | 0.47 | 25 | 0.17 | **64** | Satisfactory |
| 6 | 21-03-26 | 69 | 34 | 7 | 22 | 0.29 | 21 | 0.11 | **69** | Satisfactory |
| 7 | 25-03-26 | 77 | 37 | 7 | 20 | 0.38 | 18 | 0.19 | **77** | Satisfactory |
| 8 | 28-03-26 | 66 | 32 | 9 | 23 | 0.52 | 23 | 0.16 | **66** | Satisfactory |

| **Station: Rooftop of Sanguem Municipality Building**<br>**City: Sanguem** | | | | | | | | | **City: Sanguem** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 04-03-26 | 71 | 33 | 7 | 18 | 0.48 | 20 | 0.14 | **71** | Satisfactory |
| 2 | 07-03-26 | 60 | 27 | 8 | 21 | 0.53 | 24 | 0.18 | **60** | Satisfactory |
| 3 | 11-03-26 | 76 | 37 | 6 | 16 | 0.67 | 26 | 0.11 | **76** | Satisfactory |
| 4 | 14-03-26 | 58 | 25 | 6 | 15 | 0.45 | 23 | 0.17 | **58** | Satisfactory |
| 5 | 18-03-26 | 64 | 31 | 9 | 23 | 0.79 | 26 | 0.25 | **64** | Satisfactory |
| 6 | 21-03-26 | 69 | 35 | 5 | 15 | 0.31 | 24 | 0.16 | **69** | Satisfactory |
| 7 | 25-03-26 | 62 | 28 | 8 | 21 | 0.40 | 22 | 0.13 | **62** | Satisfactory |
| 8 | 28-03-26 | 65 | 31 | 6 | 19 | 0.59 | 26 | 0.20 | **65** | Satisfactory |

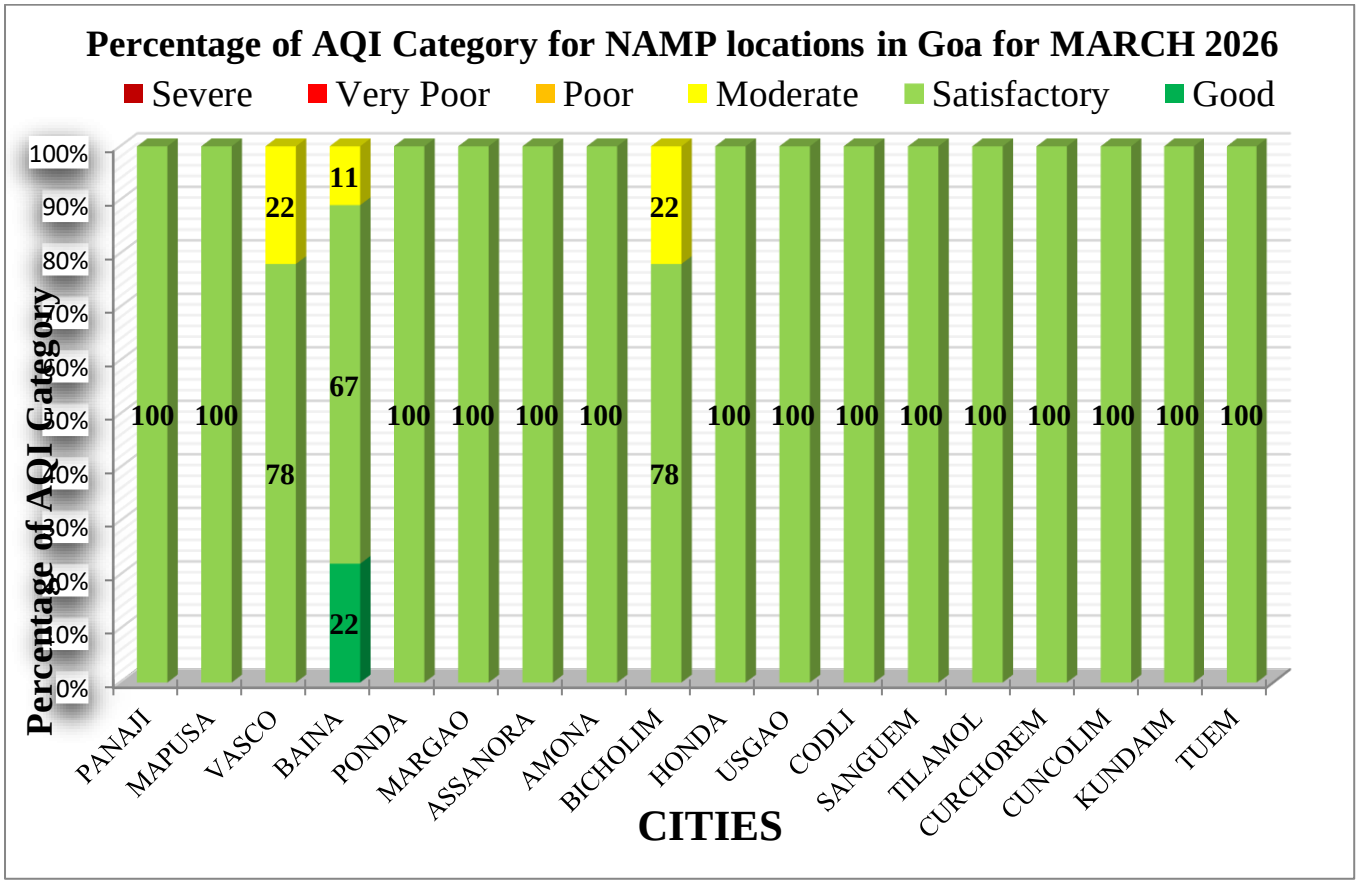
| **Station: Tilamol Junction** | | | | | | | | | **City: Tilamol** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 04-03-26 | 75 | 36 | 10 | 24 | 0.45 | 24 | 0.15 | **75** | Satisfactory |
| 2 | 07-03-26 | 64 | 31 | 9 | 20 | 0.59 | 21 | 0.23 | **64** | Satisfactory |
| 3 | 11-03-26 | 70 | 33 | 12 | 26 | 0.71 | 19 | 0.27 | **70** | Satisfactory |
| 4 | 14-03-26 | 66 | 30 | 9 | 19 | 0.86 | 24 | 0.12 | **66** | Satisfactory |
| 5 | 18-03-26 | 80 | 37 | 8 | 17 | 0.63 | 22 | 0.29 | **80** | Satisfactory |
| 6 | 21-03-26 | 84 | 42 | 6 | 16 | 0.75 | 25 | 0.25 | **84** | Satisfactory |
| 7 | 25-03-26 | 61 | 27 | 9 | 23 | 0.49 | 18 | 0.11 | **61** | Satisfactory |
| 8 | 28-03-26 | 76 | 36 | 7 | 20 | 0.53 | 22 | 0.20 | **76** | Satisfactory |

| **Station: Rooftop of Electricity panel room at GSUDA market City:-Curchorem** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March -2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 04-03-26 | 79 | 36 | 6 | 19 | 0.73 | 27 | 0.17 | **79** | Satisfactory |
| 2 | 07-03-26 | 63 | 31 | 10 | 23 | 0.59 | 26 | 0.24 | **63** | Satisfactory |
| 3 | 11-03-26 | 75 | 36 | 8 | 25 | 0.65 | 22 | 0.19 | **75** | Satisfactory |
| 4 | 14-03-26 | 85 | 41 | 6 | 20 | 0.78 | 27 | 0.22 | **85** | Satisfactory |
| 5 | 18-03-26 | 71 | 33 | 7 | 18 | 0.59 | 22 | 0.28 | **71** | Satisfactory |
| 6 | 21-03-26 | 66 | 30 | 6 | 21 | 0.88 | 26 | 0.17 | **66** | Satisfactory |
| 7 | 25-03-26 | 79 | 34 | 8 | 24 | 0.75 | 20 | 0.21 | **79** | Satisfactory |
| 8 | 28-03-26 | 86 | 42 | 8 | 22 | 0.63 | 24 | 0.30 | **86** | Satisfactory |

| **Station: Rooftop of Power Station, Cuncolim Ind Estate** | | | | | | | | | | **City: Cuncolim** | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:- March -2026** | | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3 &As which is in ng/m3 )** | | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **As** | **Pb** | | |
| 1 | 04-03-26 | 86 | 40 | 10 | 23 | 0.71 | 27 | 0.06 | 0.27 | **86** | Satisfactory |
| 2 | 07-03-26 | 77 | 37 | 10 | 20 | 0.88 | 25 | 0.07 | 0.29 | **77** | Satisfactory |
| 3 | 11-03-26 | 82 | 35 | 13 | 26 | 0.73 | 27 | 0.10 | 0.22 | **82** | Satisfactory |
| 4 | 14-03-26 | 69 | 33 | 11 | 19 | 0.66 | 24 | 0.05 | 0.25 | **69** | Satisfactory |
| 5 | 18-03-26 | 73 | 36 | 8 | 17 | 0.81 | 21 | 0.04 | 0.29 | **73** | Satisfactory |
| 6 | 21-03-26 | 81 | 33 | 10 | 21 | 0.63 | 23 | 0.02 | 0.27 | **81** | Satisfactory |
| 7 | 25-03-26 | 68 | 30 | 11 | 24 | 0.84 | 28 | 0.06 | 0.18 | **68** | Satisfactory |
| 8 | 28-03-26 | 71 | 35 | 10 | 25 | 0.79 | 24 | 0.04 | 0.26 | **71** | Satisfactory |

| **Station: Near IDC Office** | | | | | **City: Kundaim** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration:-March- 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 02-03-2026 | 84 | 41 | 9 | 24 | 0.84 | 24 | 0.22 | **84** | Satisfactory |
| 2 | 05-03-2026 | 72 | 34 | 10 | 25 | 0.71 | 23 | 0.17 | **72** | Satisfactory |
| 3 | 09-03-2026 | 88 | 43 | 8 | 23 | 0.83 | 27 | 0.23 | **88** | Satisfactory |
| 4 | 12-03-2026 | 81 | 38 | 11 | 22 | 0.67 | 24 | 0.15 | **81** | Satisfactory |
| 5 | 16-03-2026 | 75 | 35 | 7 | 19 | 0.84 | 27 | 0.21 | **75** | Satisfactory |
| 6 | 19-03-2026 | 84 | 40 | 9 | 23 | 0.75 | 24 | 0.16 | **84** | Satisfactory |
| 7 | 23-03-2026 | 76 | 37 | 9 | 21 | 0.63 | 23 | 0.20 | **76** | Satisfactory |
| 8 | 26-03-2026 | 69 | 32 | 10 | 24 | 0.81 | 25 | 0.23 | **69** | Satisfactory |
| 9 | 30-03-2026 | 82 | 40 | 9 | 25 | 0.62 | 24 | 0.16 | **82** | Satisfactory |

| **Station: Near ESIC Hospital ,Tuem Industrial Estate** | | | | | | | | | **City: Tuem** | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Duration: March- 2026** | | | | | | | | | | |
| **Sr.No** | | **Time Weighted Average (TWA)** | | | | | | | **AQI** | **AIR QLTY** |
| | | **24-Hr** | **24-Hr** | **24-Hr** | **24-Hr** | **1-Hr** | **1-Hr** | **24-Hr** | | |
| | **Parameters** | **Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)** | | | | | | | | |
| | **Date** | **$PM_{10}$** | **$PM_{2.5}$** | **$SO_2$** | **$NO_2$** | ***CO** | **$O_3$** | **Pb** | | |
| 1 | 03-03-2026 | 83 | 39 | 10 | 20 | 0.78 | 25 | 0.24 | **83** | Satisfactory |
| 2 | 06-03-2026 | 68 | 34 | 11 | 23 | 0.61 | 23 | 0.16 | **68** | Satisfactory |
| 3 | 10-03-2026 | 80 | 37 | 8 | 21 | 0.84 | 27 | 0.26 | **80** | Satisfactory |
| 4 | 13-03-2026 | 87 | 42 | 11 | 23 | 0.55 | 25 | 0.23 | **87** | Satisfactory |
| 5 | 17-03-2026 | 65 | 31 | 9 | 20 | 0.71 | 20 | 0.20 | **65** | Satisfactory |
| 6 | 20-03-2026 | 79 | 36 | 11 | 24 | 0.63 | 22 | 0.25 | **79** | Satisfactory |
| 7 | 24-03-2026 | 85 | 42 | 9 | 21 | 0.89 | 20 | 0.29 | **85** | Satisfactory |
| 8 | 27-03-2026 | 72 | 35 | 12 | 24 | 0.57 | 24 | 0.17 | **72** | Satisfactory |
| 9 | 31-03-2026 | 77 | 39 | 10 | 20 | 0.46 | 27 | 0.21 | **77** | Satisfactory |




**Results and Interpretation:**

It is seen that during the month of March 2026, out of 18 locations AQI is -

AQI was Good to Satisfactory to Moderate at one location namely Baina.

AQI was Dominantly Satisfactory at 17 locations namely – Panaji, Mapusa, Vasco, Ponda, Margao, Assanora, Amona, Bicholim, Honda, Usgao, Codli, Sanguem, Tilamol, Curchorem, Cuncolim, Kundaim and Tuem.

*(Dominant refers to 75% and above)*