

Ambient Air Quality (AAQ) status with Air Quality Index(AQI) values at NAMP/SAMP stations and categorization of different cities & towns of Odisha during April,2024

| Sl. no | Towns/cities | Monitoring Locations with station code | Conc. of Parameters Values in microgram per cubic meter | | | | | | AQI (Prominent Pollutant) | Category (AQI) |
|-------------------------------|--------------|---|--|-----------------|-----------------|----------------|------------------|-------------------|---|-------------------|
| | | | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| 1 | Angul | 1. RO, SPCB Office Building,Hakimpada,I.E | 12.5 | 21.2 | 38.8 | 32.8 | 145 | 65 | 130(PM ₁₀) | Moderate |
| | | 2. Nalco Township | 16.9 | 20.5 | 21.9 | 22.1 | 138 | 37 | 125(PM ₁₀) | Moderate |
| | | 3.Sikhyakapada | 17.0 | 20.7 | 52.6 | 32.0 | 132 | 63 | 121(PM ₁₀) | Moderate |
| 2 | Balasore | 4. RO, SPCB Office Building Ganeswarpur(428) | 6.8 | 11.2 | 23.8 | 24.3 | 104 | 51 | 103(PM ₁₀) | Moderate |
| | | 5.Oriplast, OT Road(689) | BDL | 10.9 | 23.1 | 23.5 | 89 | 45 | 89(PM ₁₀) | Satisfactory |
| | | 6.Rasalpur Industrial Estate(690) | 7.9 | 12.1 | 24.5 | 25.2 | 119 | 60 | 113(PM ₁₀) | Moderate |
| 3 | Berhampur | 7.New Division Office,IDCO, I.E | 5.1 | 18.3 | 34.3 | 29.9 | 74 | 44 | 74(PM ₁₀) | Moderate |
| 4 | Bhubaneswar | 8.Office Building,SPCB,Unit-VIII | BDL | 16.2 | 46.0 | 27.9 | 84 | 27 | 84(PM ₁₀) | Satisfactory |
| | | 9.IRC Nayapalli | BDL | 14.5 | 35.7 | 26.6 | 72 | 31 | 72(PM ₁₀) | Satisfactory |
| | | 10.Capital Police Station | BDL | 18.6 | 47.8 | 29.0 | 103 | 41 | 102(PM ₁₀) | Moderate |
| | | 11.Khandagiri Police Station | BDL | 19.9 | 31.1 | 29.5 | 139 | 57 | 126(PM ₁₀) | Moderate |
| | | 12.Chandrasekharpur (Central Laboratory) | BDL | 17.3 | 51.2 | 28.4 | 74 | 31 | 74(PM ₁₀) | Satisfactory |
| | | 13.Palasuni Water Works | BDL | 18.3 | 35.2 | 29.12 | 93 | 39 | 93 (PM ₁₀) | Satisfactory |
| 5 | Bonaigarh | 14.Govt. Hospital Bonai,SDH | 12.1 | 15.2 | 25.5 | 26.3 | 127 | 47 | 118(PM ₁₀) | Moderate |
| 6 | Cuttack | 15. RO, SPCB Office Building, Suryavihar | 5.3 | 22.3 | 48.8 | 43.1 | 82 | 34 | 82(PM ₁₀) | Satisfactory |
| | | 16.PHD Office, Barabati | BDL | 19.8 | 38.5 | 35.0 | 82 | 34 | 82(PM ₁₀) | Satisfactory |
| | | 17.Hotel Bishal-inn, Badambadi | 5.8 | 20.7 | 37.6 | 42.2 | 82 | 39 | 82(PM ₁₀) | Satisfactory |
| 7 | Jharsuguda | 18. RO, SPCB Office Building, Cox Colony, Babubagicha | 9.2 | 13.9 | 25.0 | 22.4 | 135 | 67 | 123Both (PM ₁₀ & PM _{2.5}) | Moderate |
| | | 19. TRL colony | 8.2 | 14.9 | 25.3 | 22.0 | 135 | 69 | 130(PM _{2.5}) | Moderate |
| | | 20.Maa Smaleswari Nagar | 8.1 | 13.1 | 21.8 | 21.3 | 136 | 68 | 127(PM _{2.5}) | Moderate |
| 8 | Kalinganagar | 21.RO,SPCB Office Building | 6.4 | 14.7 | 31.2 | 23.4 | 111 | 43 | 107(PM ₁₀) | Moderate |
| | | 22. DET Hostel | 7.5 | 17.3 | 27.6 | 21.6 | 135 | 71 | 137(PM _{2.5}) | Moderate |
| | | 23. BRPL Guest House, Duburi | 5.9 | 12.6 | 29.9 | 24.6 | 119 | 44 | 113(PM ₁₀) | Moderate |
| 9 | Kandhamal | 24. Collectorate Office,Phulbani | 4.5 | 17.2 | NM | NM | 70 | 32 | 70(PM ₁₀) | Satisfactory |
| | | 25. NAC Office, G.Udayagiri | 4.7 | 17.4 | NM | NM | 71 | 26 | 71(PM ₁₀) | Satisfactory |
| 10 | Keonjhar | 26. RO, SPCB Office Building | BDL | 14.9 | 36.6 | NM | 122 | 63 | 115(PM ₁₀) | Moderate |
| 11 | Konark | 27.Police Station | BDL | 12.5 | 32.2 | 24.5 | 56 | 27 | 56(PM ₁₀) | Satisfactory |
| | | 28. Jagannath Temple | BDL | 12.3 | 31.5 | 24.4 | 59 | 30 | 59(PM ₁₀) | Satisfactory |
| 12 | Paradeep | 29. STP Building, IFFCO, | 14.9 | 12.4 | 111 | 20.2 | 73 | 37 | 73(PM ₁₀) | Satisfactory |
| | | 30. PPL Guest House, | 9.5 | 10.4 | 64 | 21.1 | 70 | 34 | 70(PM ₁₀) | Satisfactory |
| | | 31. PPT Staff Quarters, | 10.9 | 108 | 67 | 21.1 | 70 | 37 | 70(PM ₁₀) | Satisfactory |
| 13 | Puri | 32.Town Police Station | BDL | 12.5 | 43.4 | 20.5 | 106 | 23 | 104(PM ₁₀) | Moderate |
| | | 33.Sadar Police Station | BDL | 12.6 | 43.1 | 20.5 | 105 | 22 | 103(PM ₁₀) | Moderate |
| 14 | Rayagada | 34. RO, SPCB Office Building | 12.8 | 19.8 | 40.0 | 45.2 | 70 | 38 | 70(PM ₁₀) | Satisfactory |
| | | 35.LPS High School,Jaykaypur | 14.0 | 21.1 | 43.0 | 36.0 | 72 | 42 | 72(PM ₁₀) | Satisfactory |
| 15 | Rajgangpur | 36.DISIR Rajgangpur | 13.9 | 19.2 | 23.6 | 26.6 | 109 | 44 | 106(PM ₁₀) | Moderate |
| 16 | Rourkela | 37. RO, SPCB Office Building, Panposh | 13.2 | 15.3 | 25.6 | 27.1 | 121 | 50 | 114(PM ₁₀) | Moderate |
| | | 38.IDL Police Outpost | 12.2 | 14.8 | 30.4 | 27.8 | 149 | 57 | 133(PM ₁₀) | Moderate |
| | | 39.IDC Kalunga | 11.1 | 13.6 | 23.7 | 25.9 | 147 | 49 | 131(PM ₁₀) | Moderate |
| | | 40.Kuanarmunda | 10.9 | 13.7 | 23.2 | 25.8 | 150 | 43 | 133(PM ₁₀) | Moderate |
| 17 | Sambalpur | 41.Roof of the filter plant, PHD Office, ,Modipara | 5.2 | 23.8 | 21.7 | BDL | 106 | 41 | 104(PM ₁₀) | Moderate |
| 18 | Talcher | 42.Talcher Thermal | 11.6 | 27.5 | 35.2 | 23.3 | 137 | 59 | 125(PM ₁₀) | Moderate |
| | | 43. Mahanadi Coal Field area | 10.6 | 27.2 | 37.0 | 22.0 | 132 | 51 | 121(PM ₁₀) | Moderate |
| | | 44.Champapasi village (Mahanadi Coal Field) | 11.0 | 28.5 | 38.1 | 22.1 | 109 | 45 | 106(PM ₁₀) | Moderate |
| Standard on 24hrly avg. Basis | | | 80 | 80 | 400 | 180 | 100 | 60 | | |

N.B. :AQI-Air Quality Index, BDL-Below Detection Limit; BDL value for SO₂ ≤4 µg/m³

| AQI Value | 0-50 | 51-100 | 101-200 | 201-300 | 301-400 | >400 |
|-----------|------|--------------|----------|---------|-----------|--------|
| Category | GOOD | SATISFACTORY | MODERATE | POOR | VERY POOR | SEVERE |