

Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, July 2021

1. ANGUL(2)

I. RO SPCB, Angul Industrial Estate

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 8.9 | 24.8 | 31.8 | 21.4 | 77 | 35 | 77(PM ₁₀) | Satisfactory |

II.NALCO Nagar, Angul

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 9.8 | 27.8 | 30.9 | 21.7 | 93 | 30 | 93(PM ₁₀) | Satisfactory |

2. TALCHER(2)

III. TTPS, Talcher

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 9.1 | 26.8 | 38.3 | BDL | 75 | 28 | 75(PM ₁₀) | Satisfactory |

IV.MCL, Talcher

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 8.9 | 28.0 | 21.4 | 20.7 | 94 | 26 | 94(PM ₁₀) | Satisfactory |

3. BALASORE(3)

V. RO SPCB, Ganeswarpur

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 10.5 | 24.1 | 23.5 | 75 | 40 | 75(PM ₁₀) | Satisfactory |

VI.Oriplast, Balasore

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 10.6 | 24.1 | 23.7 | 75 | 42 | 75(PM ₁₀) | Satisfactory |

VII. Rasalpur Industrial Estate

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 7.3 | 11.1 | 25.2 | 24.7 | 80 | 45 | 80(PM ₁₀) | Satisfactory |

4. BERHAMPUR(1)

VIII. RO SPCB, Brahmanagar

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 5.6 | 22.2 | 35.4 | 36.2 | 66 | 25 | 66(PM ₁₀) | Satisfactory |

5. BHUBANESWAR(6)

IX. SPCB Office Building, Unit-VIII

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 15.3 | 36.3 | 25.1 | 56 | NM | 56(PM ₁₀) | Satisfactory |

X. IRC Village, Nayapali

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not monitored | | | | | | | |

XI. Capital Police Station, Unit-I

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not monitored | | | | | | | |

XII.Khandagiri

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not monitored | | | | | 27 | * | - |

XIII. Chandrasekharpur

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not monitored | | | | 51 | 19 | * | - |

XIV. Palasuni waterworks

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not Monitored | | | | | 27 | * | - |

6. BONAIGARH(1)

XV. Bonaigarh Govt. Hospital

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 11.2 | 13.1 | 24.4 | 24.6 | 97 | 40 | 97(PM ₁₀) | Satisfactory |

7. CUTTACK(3)

XVI. On the roof of Hotel Bishalin Near Traffic Tower, Badambadi

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not Monitored | | | | | 22 | * | - |

*:-For AQI calculation minimum three parameters are required.

XVII. RO SPCB, Building, Surya Vihar

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 16.2 | 27.7 | 22.3 | 58 | 20 | 58(PM ₁₀) | Satisfactory |

XVIII. PHD Office, Barabati

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 14.5 | 23.6 | 21.0 | 52 | 20 | 52(PM ₁₀) | Satisfactory |

8. JHARSUGUDA(3)

XIX. RO SPCB, Cox Colony, Babubagicha, Jharsuguda

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 7.7 | 11.8 | 21.3 | BDL | 84 | 45 | 84(PM ₁₀) | Satisfactory |

XX. TRL Colony Premises, Belpahar

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 7.4 | 14.7 | 23.4 | 24.2 | 82 | 40 | 82(PM ₁₀) | Satisfactory |

XXI. Inside Vedanta Township

| Month | Parameters | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | |
| July | Not Monitored | | | | | |

9. KALINGANAGAR(3)

XXII. BRPL Guest House

| Month | Parameters | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | |
| July | Not Monitored | | | | | | |

XXIII. RO SPCB, Kalinganagar

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not Monitored | | | | | | | |

XXIV. DET Hostel, TATA Steel

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 17.2 | 34.6 | 21.8 | 98 | NM | 98(PM ₁₀) | Satisfactory |

10.KEONJHAR(1)**XXV. RO SPCB, Baniapat**

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|------------------|-------------------|--|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | PM ₁₀ | PM _{2.5} | | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 12.1 | 57.5 | 41 | NM | | 41(PM ₁₀) | Good |

11. KONARK(1)**XXVI.Konark Police Station**

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 14.9 | 38.0 | 22.1 | 48 | NM | 48(PM ₁₀) | Good |

12.PARADEEP(3)**XXVII. PPL Guest house**

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 15.3 | 10.2 | 127.5 | 37.4 | 66 | NM | 66(PM ₁₀) | Satisfactory |

XXVIII. IFFCO STP

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 14.4 | 10.8 | 126.7 | 35.7 | 70 | NM | 70(PM ₁₀) | Satisfactory |

XXIX. Paradeep Port trust Staff Quarter

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 15.2 | 12.0 | 124.4 | 34.3 | 64 | NM | 64(PM ₁₀) | Satisfactory |

13.PURI(2)**XXX. Sadar Police Station**

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 14.0 | 36.6 | BDL | 61 | NM | 61(PM ₁₀) | Satisfactory |

XXXI. Town Police Station

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | Not Monitored | | | | | | | |

14. RAYAGADA(2)**XXXII. RO SPCB, Rayagada,Indiranagar**

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | BDL | 13.6 | 27.0 | 22.8 | 51 | 24 | 51(PM ₁₀) | Satisfactory |

XXXIII. LPS High School, Jaykaypur

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 4.6 | 14.7 | 28.0 | 23.6 | 54 | 26 | 54(PM ₁₀) | Satisfactory |

15. RAJGANGPUR(1)

XXXIV. DISR, Rajgangpur

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 9.6 | 13.9 | 26.1 | 26.1 | 104 | 48 | 103(PM ₁₀) | Moderate |

16. ROURKELA(4)

XXXV. RO SPCB, Rourkela, Sector-5

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 10.3 | 11.7 | 22.7 | 22.3 | 119 | 37 | 113(PM ₁₀) | Moderate |

XXXVI. IDL out Post

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 7.8 | 11.0 | 23.9 | 23.7 | 96 | 54 | 96(PM ₁₀) | Satisfactory |

XXXVII. IDCO Water tank, IDC Kalunga

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 8.8 | 11.8 | 22.8 | 22.8 | 136 | 26 | 124(PM ₁₀) | Moderate |

XXXVIII. Govt. Hospital, Kuanrunda

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 8.8 | 11.9 | 22.9 | 23.1 | 144 | 46 | 129(PM ₁₀) | Moderate |

17. SAMBALPUR (1)

XXXIX. PHD Office, Modipara

| Month | Parameters | | | | | | AQI w. r. t Prominent Pollutant | Categorization |
|-------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
| | SO ₂ | NO ₂ | NH ₃ | O ₃ | PM ₁₀ | PM _{2.5} | | |
| | Monthly Average Values express in Microgram per cubic meter | | | | | | | |
| July | 5.1 | 21.7 | 20.9 | BDL | 44 | 22 | 44(PM ₁₀) | Good |

NB:-Six NAMP stations (1)Capital Police Station,BBSR (2) IRC village, BBSR,(3)Vedanta Township under RO, Jharsuguda, (4)BRPL,Kalinganagar,(5) RO Kalinganagar, & (6) Town Police station, Puri were not in operation in the month of July, 2021. NM-Not Monitored, BDL Value for SO₂ ≤4 µg/m³,NO₂ ≤ 9 µg/m³,NH₃ ≤20 µg/m³ & O₃ ≤20 µg/m³.