# Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, September- 2020

**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 | | | | | | | |
| September | 9.3 | 23.5 | 24.4 | 22.2 | 82 | 36 | 82($PM_{10}$) | 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 | | | | | | | |
| September | 9.2 | 24.8 | BDL | BDL | 86 | 21 | 86 ($PM_{10}$) | 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 | | | | | | | |
| September | 10.2 | 27.8 | 31.1 | BDL | 81 | 34 | 81($PM_{10}$) | 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 | | | | | | | |
| September | 8.9 | 26.6 | 24.3 | BDL | 80 | 26 | 80 ($PM_{10}$) | 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 | | | | | | | |
| September | BDL | 10.4 | 23.6 | 23.9 | 71 | 32 | 71($PM_{10}$) | Satisfactory |

**VI.DIC Office, Angargadia**

| 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 | | | | | | | |
| September | BDL | 10.6 | 23.4 | 23.7 | 71 | 32 | 71($PM_{10}$) | 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 | | | | | | | |
| September | 7.2 | 11.1 | 23.5 | 24.2 | 77 | 33 | 77($PM_{10}$) | 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 | | | | | | | |
| September | 4.8 | 20.0 | 34.2 | 34.8 | 56 | 22 | 56 ($PM_{10}$) | 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 | | | | | | | |
| September | Not Monitored | | | | | 24 | * | - |

### 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 | | | | | | | |
| September | BDL | 17.6 | 29.1 | 22.5 | 63 | NM | 63 ($PM_{10}$) | Satisfactory |

### 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 | | | | | | | |
| September | Not Monitored | | | | | | | |

### XII. Patrapada

| 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 | | | | | | | |
| September | BDL | 13.0 | 27.0 | 22.1 | 66 | 22 | 66($PM_{10}$) | Satisfactory |

### 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 | | | | | | | |
| September | BDL | 16.9 | 25.8 | 22.2 | 67 | 21 | 67($PM_{10}$) | Satisfactory |

### 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 | | | | | | | |
| September | Not Monitored | | | | | 19 | * | - |

## 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 | | | | | | | |
| September | 7.2 | 13.1 | 23.6 | 28.4 | 73 | 39 | 73($PM_{10}$) | Satisfactory |

## 7. CUTTACK(3)    XVI. On the roof of Hotel Bishalin NearTraffic 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 | | | | | | | |
| September | Not Monitored | | | | | | | |

**\*-: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** | | | | | | | |
| September | BDL | 20.0 | 36.0 | 26.0 | 62 | 30 | 62($PM_{10}$) | 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** | | | | | | | |
| September | BDL | 18.0 | 30.0 | 23.0 | 65 | 27 | 65($PM_{10}$) | 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** | | | | | | | |
| September | 7.1 | 12.4 | 23.6 | 16.9 | 78 | 33 | 78($PM_{10}$) | 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** | | | | | | | |
| September | 7.4 | 15.9 | 20.9 | 20.9 | 86 | 37 | 86($PM_{10}$) | 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** | | | | | |
| September | **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** | | | | | | |
| September | **Not Monitored** | | | | | | |

## XXIII. RO SPCB, Kalinga nagar

| 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** | | | | | | | |
| September | BDL | 15.7 | 44.4 | NM | 118 | 46 | 112($PM_{10}$) | Moderate |

## XXIV. DET Hostel,TATA Steel

| 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** | | | | | | |
| September | BDL | 19.3 | 45.4 | 108 | NM | 105($PM_{10}$) | Moderate |

## 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 | | | | | | |
| September | BDL | 11.4 | 55.0 | 49 | NM | 49($PM_{10}$) | 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 | | | | | | | |
| September | BDL | 11.9 | 27.9 | 20.0 | 58 | NM | 58($PM_{10}$) | Satisfactory |

## 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 | | | | | | | |
| September | 20.9 | 10.2 | 179.7 | 79.0 | 132 | NM | 121($PM_{10}$) | Moderate |

### 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 | | | | | | | |
| September | 20.1 | 12.5 | 185.0 | 82.8 | 122 | NM | 115($PM_{10}$) | Moderate |

### 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 | | | | | | | |
| September | 20.8 | 11.8 | 164.6 | 70.6 | 122 | NM | 115($PM_{10}$) | Moderate |

## 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 | | | | | | | |
| September | Not Monitored | | | | | | | |

### 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 | | | | | | | |
| September | BDL | 16.0 | 43.3 | BDL | 48 | NM | 48($PM_{10}$) | Good |

## 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 | | | | | | | |
| September | BDL | 15.5 | 31.0 | 21.0 | 50 | 23 | 50( $PM_{10}$) | Good |

## 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** | | | | | | | |
| September | BDL | 15.7 | 33.0 | 22.7 | 53 | 26 | 53($PM_{10}$) | 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** | | | | | | | |
| September | 6.8 | 10.9 | 26.2 | 23.1 | 65 | 40 | 67($PM_{2.5}$) | Satisfactory |

### 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** | | | | | | | |
| September | 5.8 | 10.7 | 24.7 | 22.9 | 63 | 31 | 63($PM_{10}$) | Satisfactory |

### 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** | | | | | | | |
| September | 5.3 | 10.4 | 31.2 | 25.6 | 78 | 49 | 82($PM_{2.5}$) | 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** | | | | | | | |
| September | 6.9 | 12.3 | 23.9 | 26.7 | 118 | 35 | 112($PM_{10}$) | Moderate |

### XXXVIII. Govt. Hospital, Kuanrmunda

| 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** | | | | | | | |
| September | 5.4 | 11.5 | 22.9 | 25.9 | 75 | 35 | 75($PM_{10}$) | Satisfactory |

### 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** | | | | | | | |
| September | 5.4 | 22.3 | BDL | BDL | 57 | 31 | 57($PM_{10}$) | Satisfactory |

**NB:-** Five NAMP stations i.e.,(1) Capital Police Station, (2)On the roof of Hotel Bishalinn Cuttack, (3) Vedanta Township under RO, Jharsuguda, (4) BRPL, Kalinganagar  (5) Sadar police Station, Puri were not in operation in the month of September, 2020. NM-Not Monitored, BDL Value for $SO_2$ ≤4 µg/m$^3$,$NO_2$ ≤ 9 µg/m$^3$,$NH_3$ ≤20 µg/m$^3$& $O_3$ ≤20 µg/m$^3$.