

Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, October, 2019

1. ANGUL(2)

I. RO SPCB, Angul Industrial Estate

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	NH ₃	O ₃		
	Monthly Average Values express in Microgram per cubic meter							
October	10.0	24.8	94	48	25.1	26.6	94(PM ₁₀)	Satisfactory

II. NALCO Nagar, Angul

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					
October	10.1	25.9	102	36	101(PM ₁₀)	Moderate

2. TALCHER (2)

III. TTPS, Talcher

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					
October	10.2	28.3	70	35	70(PM ₁₀)	Satisfactory

IV. MCL, Talcher

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					
October	9.7	28.7	113	43	109(PM ₁₀)	Moderate

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							
October	BDL	11.0	27.2	23.5	84	30	84(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							
October	BDL	10.9	27.7	23.6	84	30	84(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							
October	7.6	11.4	28.1	24.2	88	37	88(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							
October	5.4	23.0	38.4	37.7	58	25	58(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							
October	BDL	17.1	45.9	25.3	94	34	94(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							
October	BDL	17.1	49.8	28.5	121	51	114(PM ₁₀)	Moderate

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							
October	BDL	20.1	39.5	24.8	136	24	124(PM ₁₀)	Moderate

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							
October	BDL	15.4	43.0	24.0	85	23	85(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							
October	BDL	15.1	42.7	25.3	88	37	88(PM ₁₀)	Satisfactory

XIV. Palasuni water works

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							
October	BDL	14.4	50.2	25.0	77	24	77(PM ₁₀)	Satisfactory

6. **BONAIGARH** (1)

XV. Bonaigarh Govt. Hospital

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					
October	7.0	12.5	98	53	98(PM ₁₀)	Satisfactory

7. **CUTTACK** (3)

XVI. Hotel Bishalinn 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							
October	4.6	19.9	29.5	29.5	90	31	90(PM ₁₀)	Satisfactory

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							
October	BDL	22.6	34.3	24.1	79	37	79(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							
October	BDL	17.0	22.0	17.8	73	NM	73(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	PM ₁₀	PM _{2.5}		
	Monthly Average Values express in Microgram per cubic meter					
October	8.8	14.7	94	45	94(PM ₁₀)	Satisfactory

XX. TRL Colony Premises, Belpahar

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					
October	8.4	16.4	107	41	105(PM ₁₀)	Moderate

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					
October	Not Monitored					

9. KALINGANAGAR (3)

XXII. BRPL Guest House

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					
October	BDL	15.8	86	NM	86(PM ₁₀)	Satisfactory

XXIII. RO SPCB, Kalinganagar

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	NH ₃		
	Monthly Average Values express in Microgram per cubic meter						
October	BDL	18.3	129	NM	49.6	119(PM ₁₀)	Moderate

XXIV. NINL Guesthouse

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					
October	Not Monitored					

10. KEONJHAR (1)

XXV. RO SPCB, Baniapat

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO ₂	NO ₂	NH ₃	PM _{2.5}	PM ₁₀		
	Monthly Average Values express in Microgram per cubic meter						
October	BDL	14.3	76.0	NM	87	87(PM ₁₀)	Satisfactory

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							
October	BDL	13.3	42.8	25.1	73	NM	73(PM ₁₀)	Satisfactory

12. PARADEEP (3)

XXVII. PPL Guest house

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					
October	19.6	9.4	109	NM	106(PM ₁₀)	Moderate

XXVIII. IFFCO STP

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					
October	17.7	9.3	106	NM	104(PM ₁₀)	Moderate

XXIX. Paradeep Port trust Staff Quarter

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					
October	18.9	9.8	106	34	104(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							
October	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							
October	BDL	16.2	64.1	22.8	108	33	105(PM ₁₀)	Moderate

14. RAYAGADA (2)

XXXII. RO SPCB, Rayagada Indiranagar

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					
October	4.4	16.0	53	28	53(PM ₁₀)	Satisfactory

XXXIII. LPS High School, Jaykaypur

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					
October	BDL	15.5	51	28	51(PM ₁₀)	Satisfactory

15. RAJGANGPUR (1)

XXXIV. DISR, Rajgangpur

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					
October	9.1	13.3	85	46	85(PM ₁₀)	Satisfactory

16. ROURKELA (4)

XXXV. RO SPCB, Rourkela, Sector-5

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					
October	9.6	15.4	95	46	95(PM ₁₀)	Satisfactory

XXXVI. IDL out Post

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					
October	6.5	11.4	94	56	94(PM ₁₀)	Satisfactory

XXXVII. IDCO Water tank, IDC Kalunga

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					
October	10.4	15.9	98	30	98(PM ₁₀)	Satisfactory

XXXVIII. Govt. Hospital, Kuanmunda

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					
October	8.9	13.9	153	55	135(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							
October	9.9	26.9	24.5	21.2	97	50	97(PM ₁₀)	Satisfactory

NB:-Three NAMP stations i.e. (1) at Vedanta Township under RO, Jharsuguda, & (2) NINL Guest House, Kalinganagar & (3) Sadar police station, Puri, were not in operation in the month of October, 2019. NM-Not Monitored, BDL Value for SO₂ ≤4 µg/m³, NO₂ ≤ 9 µg/m³, NH₃ ≤20 µg/m³ & O₃ ≤20 µg/m³.