

Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, September, 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							
September	9.6	24.2	82	39	24.1	24.4	82(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					
September	9.3	26.7	78	35	78(PM ₁₀)	Satisfactory

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					
September	9.6	27.8	61	26	61(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					
September	9.0	27.3	69	27	69(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	10.5	26.8	24.0	75	34	75(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	10.7	24.2	27.0	76	34	76(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	27.6	24.3	82	41	82(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	4.2	20.0	42.3	38.8	65	26.0	65(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	BDL	15.2	47.0	23.9	65	19	65(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							
September	BDL	15.8	36.9	26.2	64	22	64(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	BDL	16.2	32.9	23.0	79	22	79(PM ₁₀)	Satisfactory

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	41.0	24.8	63	19	63(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	15.0	37.9	30.4	58	-	58(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							
September	BDL	15.3	40.8	22.4	48	29	48 (PM ₁₀ & PM _{2.5})	Good

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					
September	5.8	10.8	81	47	81(PM ₁₀)	Satisfactory

7. **CUTTACK** (3)

XVI. On the roof of 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							
September	4.7	19.9	31.2	25.0	66	17	66(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							
September	4.4	21.3	32.8	25.5	59	29	59(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	15.1	19.1	20.8	64	NM	64(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					
September	6.6	12.5	93	42	93(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					
September	8.4	18.7	100	35	100(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	PM ₁₀	PM _{2.5}		
	Monthly Average Values express in Microgram per cubic meter					
September	BDL	12.7	40	NM	40(PM ₁₀)	Good

XXIII. RO SPCB, Kalinganagar

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	BDL	16.9	101	NM	101(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					
September	Not Monitored					

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

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						
September	BDL	14.6	46	29	75.0	48(PM _{2.5})	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	13.6	39.2	24.0	71	NM	71(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					
September	18.6	8.7	93	NM	93(PM ₁₀)	Satisfactory

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					
September	18.5	9.4	99	NM	99(PM ₁₀)	Satisfactory

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					
September	18.9	9.6	105	35	103(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	BDL	14.6	69.6	22.1	89	NM	89(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							
September	BDL	14.6	64.8	22.0	89	15	89(PM ₁₀)	Satisfactory

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					
September	BDL	14.7	41	18	41(PM ₁₀)	Good

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					
September	BDL	14.7	45	22	45(PM ₁₀)	Good

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					
September	6.0	11.0	84	47	84(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					
September	8.6	14.2	80	38	80(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					
September	5.8	10.9	83	47	83(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					
September	7.1	11.9	86	27	86(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					
September	5.8	11.2	105	45	103(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							
September	5.4	24.4	20.4	16.9	44	26	44(PM ₁₀)	Good

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