

Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, August- 2023

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							
August	8.5	19.8	23.9	21.2	78	37	78(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							
August	9.8	28.1	33.2	BDL	70	27	70(PM ₁₀)	Satisfactory

III.Sikhyapada, 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							
August	10.3	15.3	BDL	24.3	57	29	57(PM ₁₀)	Satisfactory

2. TALCHER(2)

IV. 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							
August	8.8	26.6	35.8	BDL	72	31	72(PM ₁₀)	Satisfactory

V.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							
August	8.0	23.9	22.1	BDL	76	25	76(PM ₁₀)	Satisfactory

VI. Champasi,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							
August	13.3	15.7	32.5	28.3	75	42	75(PM ₁₀)	Satisfactory

3. BALASORE(3)

VII. 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							
August	BDL	10.2	22.8	24.6	53	33	55(PM _{2.5})	Satisfactory

VIII. 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							
August	BDL	10.3	22.8	24.6	56	34	57(PM _{2.5})	Satisfactory

IX. 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							
August	7.5	11.3	23.6	26.0	66	39	66(PM ₁₀)	Satisfactory

4. BERHAMPUR(1)

X. 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							
August	5.1	15.6	30.2	25.5	48	23	48(PM ₁₀)	Good

5. BHUBANESWAR(6)

XI. 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							
August	BDL	14.7	33.2	25.0	59	NM	59(PM ₁₀)	Satisfactory

XII. 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							
August	BDL	12.5	40.6	25.2	51	22	51(PM ₁₀)	Satisfactory

XIII. 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							
August	BDL	14.0	43.2	25.9	63	31	63(PM ₁₀)	Satisfactory

XIV.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							
August	BDL	15.3	33.9	27.0	71	29	71(PM ₁₀)	Satisfactory

XV. Central Laboratory

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							
August	BDL	14.6	42.7	25.7	52	23	52(PM ₁₀)	Satisfactory

XVI. 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							
August	BDL	13.4	30.4	26.1	61	27	61(PM ₁₀)	Satisfactory

6. BONAIGARH(1)**XVII. 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							
August	10.8	13.0	23.5	24.3	88	43	88(PM ₁₀)	Satisfactory

7. CUTTACK(3)**XVIII. 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							
August	BDL	17.9	44.0	32.9	71	23	71(PM ₁₀)	Satisfactory

XIX. 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							
August	4.8	19.7	43.4	36.1	82	26	82(PM ₁₀)	Satisfactory

XX. 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							
August	BDL	20.7	38.1	32.4	77	25	77(PM ₁₀)	Satisfactory

8. JHARSUGUDA(3)**XXI. 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							
August	7.9	12.7	23.6	20.1	90	37	90(PM ₁₀)	Satisfactory

XXII. 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							
August	7.8	14.3	24.6	22.3	91	39	91(PM ₁₀)	Satisfactory

XXIII. Samalaiswari 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							
August	7.8	12.7	21.2	20.4	84	34	84(PM ₁₀)	Satisfactory

9. KALINGANAGAR(3)**XXIV. BRPL 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							
August	6.9	12.7	31.8	22.5	71	35	71(PM ₁₀)	Satisfactory

XXV. 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							
August	6.5	12.5	29.3	22.3	89	43	89(PM ₁₀)	Satisfactory

XXVI. 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							
August	6.2	18.6	26.9	22.4	97	45	97(PM ₁₀)	Satisfactory

10. Kandhamal(2)**XXVII. Over Collectorate Office, Phulbani**

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							
August	4.5	15.1	--	--	40	17	40(PM ₁₀)	Good

XXVIII. NAC Office, G.Udayagiri

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							
August	4.4	18.0	---	--	38	16	38(PM ₁₀)	Good

11. KEONJHAR(1)**XXIX. RO SPCB, Baniapat**

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							
August	BDL	BDL	26.4		63	33	63(PM ₁₀)	Satisfactory

12. KONARK(1)**XXX. 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							
August	BDL	12.6	38.6	24.5	33	17	33(PM ₁₀)	Good

13. PARADEEP(3)**XXXI. 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							
August	13.6	9.1	112	BDL	52	24	52(PM ₁₀)	Satisfactory

XXXII. 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							
August	16.0	10.4	13.2	BDL	58	30	58(PM ₁₀)	Satisfactory

XXXIII. 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							
August	11.7	10.5	104	BDL	48	22	48(PM ₁₀)	Good

14. PURI(2)**XXXIV. 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							
August	BDL	13.2	41.4	BDL	91	21	91(PM ₁₀)	Satisfactory

XXXV. 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							
August	BDL	12.8	40.7	BDL	89	20	89(PM ₁₀)	Satisfactory

15. RAYAGADA(2)**XXXVI. 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							
August	5.3	18.2	30.0	21.5	59	22	59(PM ₁₀)	Satisfactory

XXXVII. 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							
August	8.6	21.5	39.0	22.9	69	28	69(PM ₁₀)	Satisfactory

16. RAJGANGPUR(1)**XXXVIII. 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							
August	9.4	12.5	22.6	BDL	68	27	68(PM ₁₀)	Satisfactory

17. ROURKELA(4)**XXXIX. Town Engineering Office Premises, RSP, 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							
August	11.0	13.0	22.5	23.8	71	31	71(PM ₁₀)	Satisfactory

XL. 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							
August	8.5	11.6	23.7	24.2	109	49	106(PM ₁₀)	Moderate

XLI. 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							
August	11.0	12.5	23.5	24.8	88	34	88(PM ₁₀)	Satisfactory

XLII. Govt. Hospital, Kuanmunda

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							
August	11.9	12.7	24.2	26.9	114	31	109(PM ₁₀)	Moderate

18. SAMBALPUR (1)

XLIII. 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							
August	5.7	20.9	BDL	BDL	58	23	58(PM ₁₀)	Satisfactory

NB:- NM-Not Monitored BDL Value for SO₂ ≤4 µg/m³, NH₃ ≤20 µg/m³ & O₃ ≤20 µg/m³