

Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, September- 2022

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	9.6	25.7	45.4	20.3	91	38	91(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	9.7	27.8	30.7	BDL	102	30	101(PM ₁₀)	Moderate

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	9.7	27.7	37.4	BDL	75	30	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							
September	8.9	28.3	27.0	BDL	82	26	82(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	22.4	22.8	69	40	69(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							
September	BDL	10.4	22.8	23.3	69	40	69(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	7.6	10.9	23.3	24.7	74	44	74(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	4.4	18.7	58.5	30.1	42	20	42(PM ₁₀)	Good

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	16.1	35.3	28.2	48	NM	48(PM ₁₀)	Good

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	13.3	28.9	24.2	45	21	45(PM ₁₀)	Good

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	15.9	42.4	27.1	60	23	60(PM ₁₀)	Satisfactory

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							
September	BDL	13.4	41.4	28.6	61	24	61(PM ₁₀)	Satisfactory

XIV.Chandresekherpur

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	14.9	32.4	27.1	49	16	49(PM ₁₀)	Good

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	BDL	12.8	35.1	26.0	63	27	63(PM ₁₀)	Satisfactory

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	13.6	16.0	26.0	25.3	68	31	68(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							
September	BDL	16.7	39.0	30.1	77	21	77(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	BDL	19.7	42.4	33.7	75	19	75(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	31.5	26.0	70	19	70(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	8.2	12.9	21.1	20.9	86	33	86(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	7.7	14.2	23.9	22.3	102	49	101(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					
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	O ₃	PM ₁₀	PM _{2.5}		
	Monthly Average Values express in Microgram per cubic meter							
September	4.8	13.3	31.4	21.8	82	NM	82(PM ₁₀)	Satisfactory

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							
September	5.9	14.6	31.4	21.7	91	51	91(PM ₁₀)	Satisfactory

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							
September	5.7	14.5	31.3	21.6	84	47	84(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						
September	-	-	-	35	20	*	-

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	11.5	30.3	23.1	36	19	36(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							
September	12.9	BDL	118	25.8	53	25	53(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							
September	12.6	BDL	117	25.8	55	27	55(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							
September	11.9	BDL	116	26.8	52	23	52(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							
September	BDL	10.2	37.1	BDL	69	20	69(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	10.4	37.2	BDL	69	20	69(PM ₁₀)	Satisfactory

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

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	4.9	15.5	29.0	21.8	52	26	52(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							
September	5.8	16.6	30.0	23.3	57	NM	57(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	11.3	12.8	24.5	25.0	85	27	85(PM ₁₀)	Satisfactory

16. ROURKELA(4)

XXXV. 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							
September	10.9	11.7	22.6	23.1	89	38	89(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	12.9	15.1	26.1	24.8	92	51	92(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							
September	14.9	16.2	25.4	25.3	117	46	111(PM ₁₀)	Moderate

XXXVIII. 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							
September	14.5	16.8	23.2	24.5	84	34	84(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	6.1	23.7	21.9	20.5	57	22	57(PM ₁₀)	Satisfactory

NB:-* -Minimum three parameter are required for AQI calculation.

NB:- One NAMP stations (1)Vedanta Township under RO, Jharsuguda not in operation in the month of **September 2022**. NM-Not Monitored BDL Value for SO₂ ≤4 µg/m³, NO₂ ≤9 µg/m³ & O₃ ≤20 µg/m³.