

Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, August- 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							
August	8.4	23.0	46.4	20.6	69	29	69(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	9.0	26.3	28.9	BDL	85	26	85(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							
August	8.7	26.8	36.3	BDL	69	27	69(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							
August	8.4	25.3	26.5	BDL	89	27	89(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							
August	BDL	10.3	22.4	22.8	64	38	64(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							
August	BDL	10.4	22.8	23.2	66	39	66(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							
August	7.3	10.9	23.1	24.2	70	42	70(PM ₁₀ & PM _{2.5})	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							
August	6.0	21.6	65.1	66.2	38	21	38(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							
August	BDL	15.9	30.2	26.1	54	20	54(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							
August	BDL	17.8	33.3	24.7	45	19	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							
August	BDL	15.8	42.7	28.2	52	21	52(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							
August	BDL	16.7	42.1	26.5	64	38	64(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							
August	BDL	16.1	31.8	25.9	64	19	64(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							
August							(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							
August	12.8	16.5	27.0	26.9	59	21	59(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							
August	BDL	15.2	40.7	32.0	78	22	78(PM ₁₀)	Satisfactory

*:-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							
August	BDL	17.4	41.4	37.8	79	20	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							
August	BDL	17.1	30.6	26.2	77	21	77(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							
August	8.1	12.6	21.8	20.5	86	31	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							
August	7.9	14.3	24.4	24.0	100	44	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					
August	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							
August	4.6	13.2	32.4	21.7	60	NM	60(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							
August	4.6	13.3	32.0	21.5	82	53	88(PM _{2.5})	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							
August	4.8	13.3	32.5	21.5	74	NM	74(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						
August	BDL	14.0	32.4	46	25	46(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							
August	BDL	12.9	35.3	24.6	40	20	40(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							
August	12.9	BDL	115	26.0	54	25	54(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							
August	13.0	BDL	115	25.0	57	25	57(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							
August	13.5	BDL	111	24.8	52	24	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							
August	BDL	12.4	43.5	20.5	90	23	90(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							
August	BDL	12.8	43.6	BDL	90	23	90(PM ₁₀)	Satisfactory

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							
August	4.4	14.7	28.0	21.4	43	21	43(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							
August	5.4	15.6	29.9	22.2	47	NM	47(PM ₁₀)	Good

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							
August	11.1	12.7	24.3	24.2	82	21	82(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							
August	10.3	13.5	22.8	22.6	81	36	81(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							
August	13.4	17.7	23.8	24.6	95	55	95(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							
August	14.8	18.5	23.9	24.2	116	48	111(PM ₁₀)	Moderate

XXXVIII. Govt. Hospital, Kuanrunda

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							
June	10.4	11.3	22.6	22.8	70	33	70(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							
August	5.7	23.5	21.9	BDL	52	23	52(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 **August 2022.**

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