

Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, May 2021

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							
May	9.2	24.7	34.4	27.6	79	35	79(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							
May	11.1	25.3	28.4	BDL	82	28	82(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							
May	10.1	27.1	38.4	BDL	79	30	79(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							
May	9.3	27.3	20.8	BDL	105	33	103(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							
May	BDL	10.6	24.6	23.2	77	42	77(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							
May	BDL	10.6	24.6	23.8	77	43	77(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							
May	7.3	11.2	25.3	24.5	82	47	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							
May	5.1	19.3	34.9	37.5	61	23	61(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							
May	BDL	18.5	37.9	25.0	59	NM	59(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							
May	Not monitored							

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							
May	Not monitored							

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							
May	BDL	13.3	37.6	28.6	70	30	70(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							
May	Not monitored					36	*	-

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							
May	Not Monitored					17	*	-

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							
May	10.0	13.1	26.2	24.9	106	39	104(PM ₁₀)	Moderate

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							
May	Not Monitored					26	*	-

*:-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							
May	BDL	19.2	32.3	25.0	75	25	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							
May	BDL	16.9	27.8	22.1	68	23	68(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							
May								

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							
May								

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					
May	Not Monitored					

9.KALINGANAGAR(3)

XXII. BRPL Guest House

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						
May	Not Monitored						

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							
May	Not Monitored							

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							
May	BDL	17.4	51.2	21.7	111	NM	107(PM ₁₀)	Moderate

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						
May	BDL	12.9	38.1	69	NM	69(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							
May	BDL	12.5	33.6	22.6	53	NM	53(PM ₁₀)	Satisfactory

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							
May	14.0	9.8	134.2	39.7	63	NM	63(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							
May	13.7	10.1	129.6	38.6	66	NM	66(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							
May	13.4	9.5	124.2	36.1	57	NM	57(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							
May	BDL	9.5	43.9	BDL	62	NM	62(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							
May	Not Monitored							

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							
May	4.5	15.5	28.0	24.1	61	30	61(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							
May	4.7	15.6	29.0	24.4	65	32	65(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							
May	9.0	13.4	26.0	25.2	148	54	132(PM ₁₀)	Moderate

16. ROURKELA(4)

XXXV. RO SPCB, Rourkela,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							
May	9.3	13.4	25.9	25.5	128	37	119(PM ₁₀)	Moderate

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							
May	9.0	12.1	25.4	25.5	94	36	94(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							
May	9.4	13.2	25.6	25.5	159	46	139(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							
May	9.5	13.8	25.4	25.0	153	50	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							
May	5.2	22.6	21.3	BDL	62	22	62(PM ₁₀)	Satisfactory

NB:-Six NAMP stations (1)Capital Police Station,BBSR (2) IRC village,BBSR,(3)Vedanta Township under RO, Jharsuguda, (4)BRPL,Kalinganagar,(5)RO Kalinganagar, & (6) Town Police station, Puriwere not in operation in the month of May, 2021. NM-Not Monitored, BDL Value for SO₂ ≤4 µg/m³,NO₂ ≤ 9 µg/m³,NH₃ ≤20 µg/m³& O₃ ≤20 µg/m³.