

Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, February, 2020

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							
February	11.5	26.0	28.5	26.8	101	50	101(PM ₁₀)	Moderate

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							
February	9.8	26.8	27.9	24.0	101	34	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							
February	10.6	28.7	36.0	17.0	103	46	102(PM ₁₀)	Moderate

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							
February	9.0	28.4	25.5	24.0	134	55	123(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							
February	BDL	10.9	28.6	24.5	87	45	87(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							
February	BDL	10.9	28.6	24.6	86	45	86(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							
February	7.5	11.5	30.0	24.8	93	54	93(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							
February	4.3	21.0	35.7	38.0	59	28	59(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							
February	BDL	15.3	40.2	24.2	138	46	125(PM ₁₀)	Moderate

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							
February	BDL	17.2	35.9	25.9	125	NM	117(PM ₁₀)	Moderate

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							
February	BDL	18.5	39.0	24.2	112	38	108 (PM ₁₀)	Moderate

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							
February	BDL	14.0	45.0	22.6	104	34	103(PM ₁₀)	Moderate

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							
February	BDL	15.6	41.8	26.0	119	37	113(PM ₁₀)	Moderate

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							
February	BDL	19.0	50.2	26.5	107	52	105(PM ₁₀)	Moderate

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					
February	6.7	15.5	116	49	111(PM ₁₀)	Moderate

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							
February	5.9	19.9	33.5	27.0	148	78	160(PM _{2.5})	Moderate

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							
February	4.9	22.2	34.0	26.0	129	78	160(PM _{2.5})	Moderate

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							
February	4.7	19.6	25.7	22.4	138	94	200(PM _{2.5})	Moderate

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							
February	7.5	12.3	26.7	26.4	115	55	110(PM ₁₀)	Moderate

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							
February	7.9	16.4	25.0	26.9	113	55	109(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					
February	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						
February	BDL	19.6	52.1	125	NM	117(PM ₁₀)	Moderate

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							
February	BDL	18.7	53.3	NM	152	68	135(PM ₁₀)	Moderate

XXIV. DET Hostel, TATA Steel

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						
February	BDL	19.4	52.6	150	NM	133 (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 _{2.5}	PM ₁₀		
	Monthly Average Values express in Microgram per cubic meter						
February	BDL	13.4	47.0	NM	114	109(PM ₁₀)	Moderate

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							
February	BDL	13.0	40.0	23.4	74	NM	74(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					
February	13.7	13.5	141	NM	127(PM ₁₀)	Moderate

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					
February	Not Monitored					

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					
February	12.8	14.0	124	NM	116(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							
February	Not Monitored							

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							
February	BDL	15.4	55.9	22.0	109	NM	106(PM ₁₀)	Moderate

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							
February	4.5	17.7	22.0	21.4	84	43	84(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							
February	4.4	16.4	22.0	23.3	85	34	85(PM ₁₀)	Satisfactory

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					
February	6.4	12.7	119	48	11 3(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	PM ₁₀	PM _{2.5}		
	Monthly Average Values express in Microgram per cubic meter					
February	6.6	13.4	82	37	82(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					
February	5.8	11.0	86	44	86(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					
February	7.1	13.6	157	35	138(PM ₁₀)	Moderate

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					
February	5.9	10.4	85	41	85(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							
February	7.3	24.8	26.0	24.0	155	74	147(PM _{2.5})	Moderate

NB:-Three NAMP stations i.e. (1) at Vedanta Township under RO, Jharsuguda, (2) Sadar police Station, Puri , & (3) IFFCO STP at Paradeep were not in operation in the month of February, 2020. NM-Not Monitored, BDL Value for SO₂ ≤4 µg/m³, NO₂ ≤ 9 µg/m³,NH₃ ≤20 µg/m³ & O₃ ≤20 µg/m³.