

Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, October- 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							
October	8.9	23.5	23.6	20.1	77	36	77(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							
October	9.0	24.2	BDL	BDL	90	29	90(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							
October	9.7	26.2	30.9	BDL	75	34	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							
October	8.7	26.2	20.6	BDL	78	27	78(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							
October	BDL	10.8	23.3	23.7	79	34	79(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							
October	BDL	10.8	23.4	23.8	78	33	78(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							
October	7.4	11.1	23.4	24.2	83	35	83(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							
October	BDL	16.0	30.9	31.5	52	22	52(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							
October	BDL	15.9	27.4	22.6	76	28	76(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							
October	BDL	16.5	26.8	22.2	60	NM	60(PM ₁₀)	Satisfactory

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							
October	BDL	18.3	27.5	22.6	72	22	72(PM ₁₀)	Satisfactory

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							
October	BDL	13.8	28.7	21.2	72	24	72(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							
October	BDL	14.7	25.5	21.2	64	20	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								
October	Not Monitored						30	*	-

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							
October	7.2	12.9	28.9	24.8	74	40	74(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								
October	Not Monitored						34	*	-

*:-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							
October	BDL	21.4	36.8	26.0	74	30	74(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							
October	BDL	18.9	28.2	22.2	72	28	72(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							
October	7.2	12.4	24.8	BDL	85	39	85(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							
October	6.6	15.2	22.8	22.5	82	41	82(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					
October	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						
October	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							
October	Not Monitored					56	*	-

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						
October	BDL	17.5	49.7	120	NM	113(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						
October	BDL	11.9	53.1	60	NM	60(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							
October	BDL	12.7	29.7	22.9	71	NM	71(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							
October	21.1	11.3	180.4	74.6	133	NM	122(PM ₁₀)	Moderate

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							
October	20.6	12.0	176.2	70.1	130	NM	120(PM ₁₀)	Moderate

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							
October	20.3	11.5	155.9	58.8	126	NM	117(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							
October	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							
October	BDL	15.5	40.4	20.4	94	NM	94(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							
October	BDL	15.4	32.0	20.9	49	26	49(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							
October	4.4	15.8	34.0	21.3	54	29	54(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							
October	7.1	11.6	25.5	23.1	113	48	109(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							
October	6.4	11.4	25.4	22.9	71	40	71(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							
October	6.1	11.1	30.1	26.3	80	41	80(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							
October	7.2	12.2	25.8	23.2	115	40	110(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							
October	6.7	11.4	25.0	22.5	103	38	102(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							
October	5.7	22.5	20.5	BDL	75	37	75(PM ₁₀)	Satisfactory

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