

Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, April- 2020 (Lock down period)

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							
April	8.3	23.3	24.4	24.4	59	31	59 (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							
April	6.9	19.3	24.0	BDL	56	29	56 (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							
April	9.3	26.0	32.1	BDL	65	29	65 (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							
April	8.3	23.9	21.0	BDL	81	31	81 (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							
April	BDL	BDL	BDL	22.0	62	39	65(PM _{2.5})	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							
April	BDL	BDL	BDL	BDL	52	32	53(PM _{2.5})	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							
April	Not Monitored							

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							
April	BDL	BDL	NM	NM	31	20	33 (PM _{2.5})	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							
April	BDL	12.4	NM	NM	52	18	52(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							
April	BDL	10.0	NM	NM	49	NM	49(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							
April	BDL	11.4	NM	NM	45	22	45(PM ₁₀)	Good

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							
April	BDL	11.0	NM	NM	40	NM	40(PM ₁₀)	Good

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							
April	BDL	9.4	NM	NM	46	17	46(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							
April	BDL	10.3	34.2	BDL	39	13	39(PM ₁₀)	Good

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					
April	Not Monitored					

7. CUTTACK(3)

XVI. On the roof of Hotel Bishalin NearTraffic 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							
April	Not Monitored							

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							
April	BDL	14.0	43.0	BDL	58	32	58(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							
April	BDL	15.0	27.0	BDL	56	29	56 (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							
April	6.6	11.1	26.7	26.4	53	28	53(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							
April	7.0	11.5	25.0	26.9	63	49	82(PM _{2.5})	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					
April	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						
April	Not Monitored						

XXIII. RO SPCB, Kalinga nagar

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							
April	BDL	10.7	42.0	NM	81	NM	81 (PM ₁₀)	Satisfactory

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						
April	Not Monitored						

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						
April	BDL	BDL	NM	53	NM	53(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							
April	BDL	BDL	NM	NM	34	NM	34(PM ₁₀)	Good

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					
April	9.8	BDL	53	NM	53(PM ₁₀)	Satisfactory

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					
April	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					
April	10.1	BDL	76	NM	76(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							
April	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							
April	BDL	BDL	NM	NM	36	NM	36(PM ₁₀)	Good

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							
April	BDL	12.2	33.0	26.0	55	28	55(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							
April	BDL	12.0	31.0	25.2	54	28	54(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					
April	5.4	10.5	62	29	62(PM ₁₀)	Satisfactory

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					
April	BDL	BDL	39	16	39(PM ₁₀)	Good

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					
April	BDL	BDL	50	26	50(PM ₁₀)	Good

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					
April	4.9	11.1	59	27	59(PM ₁₀)	Satisfactory

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					
April	5.4	10.4	55	33	55(PM ₁₀ & PM _{2.5})	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							
April	4.5	19.8	BDL	BDL	48	30	50(PM _{2.5})	Good

NB:-Eight NAMP stations i.e. (1) at Rasalpur, Balasore,(2) Bonaigarh, Rourkela,(3) On the roof of Hotel Bishalinn Cuttack, (4) Vedanta Township under RO, Jharsuguda, (5) BRPL, Kalinganagar,(6) DET Hostel, Kalinganagar,(7) Sadar police Station, Puri and (8) IFFCO STP at Paradeep were not in operation in the month of April, 2020. NM-Not Monitored, BDL Value for SO₂ ≤4 µg/m³, NO₂ ≤ 9 µg/m³, NH₃ ≤20 µg/m³& O₃ ≤20 µg/m³.