

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

1. ANGUL(2)

I. RO SPCB, Angul Industrial Estate

Month (March)	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							
Normal Period	11.9	26.0	28.5	25.8	87	47	87(PM ₁₀)	Satisfactory
Lockdown Period	6.5	17.1	NM	NM	57	27	57(PM ₁₀)	Satisfactory
Average	9.2	21.5	28.5	25.8	72	37	72(PM ₁₀)	Satisfactory

II.NALCO Nagar, Angul

Month (March)	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							
Normal period	9.4	26.0	20.6	BDL	89	35	89(PM ₁₀)	Satisfactory
Lockdown Period	6.8	17.3	NM	NM	56	27	56(PM ₁₀)	Satisfactory
Average	8.1	21.6	20.6	BDL	72	31	72(PM ₁₀)	Satisfactory

2. TALCHER(2)

III. TTPS, Talcher

Month (March)	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							
Normal Period	10.6	28.7	36.4	BDL	85	38	85(PM ₁₀)	Satisfactory
Lockdown Period	9.0	17.8	NM	NM	68	33	68(PM ₁₀)	Satisfactory
Average	9.8	23.2	36.4	BDL	76	35	76(PM ₁₀)	Satisfactory

IV.MCL, Talcher

Month (March)	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							
Normal Period	8.9	27.4	21.1	BDL	128	50	119(PM ₁₀)	Moderate
Lockdown Period	9.0	21.8	NM	NM	89	39	89(PM ₁₀)	Satisfactory
Average	8.9	24.6	21.1	BDL	108	44	105(PM ₁₀)	Moderate

3. BALASORE(3)

V. RO SPCB, Ganeswarpur

Month (March)	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							
Normal Period	BDL	10.8	29.3	24.8	87	50	87(PM ₁₀)	Satisfactory
Lockdown Period	BDL	10.5	22.5	24.5	80	46	80(PM ₁₀)	Satisfactory
Average	BDL	10.6	25.9	24.6	83	48	83(PM ₁₀)	Satisfactory

VI.DIC Office, Angargadia

Month (March)	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							
Normal Period	BDL	10.9	28.6	24.6	86	45	86(PM ₁₀)	Satisfactory
Lockdown Period	BDL	9.7	29.5	24.5	80	46	80(PM ₁₀)	Satisfactory
Average	BDL	10.3	29.0	24.5	83	45	83(PM ₁₀)	Satisfactory

VII. Rasalpur Industrial Estate

Month (March)	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							
Normal Period	7.4	11.5	31.1	25.1	92	53	92(PM ₁₀)	Satisfactory
Lockdown Period	6.3	10.4	27.0	22.5	85	52	87(PM _{2.5})	Satisfactory
Average	6.8	10.9	29.0	23.8	88	52	88(PM ₁₀)	Satisfactory

4. BERHAMPUR(1)

VIII. RO SPCB, Brahmanagar

Month (March)	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							
Normal Period	4.5	21.2	NM	NM	48	21	48(PM ₁₀)	Good
Lockdown Period	BDL	11.2	NM	NM	22	12	22(PM ₁₀)	Good
Average	BDL	16.2	NM	NM	35	27	35(PM ₁₀)	Good

5. BHUBANESWAR(6)

IX. SPCB Office Building, Unit-VIII

Month (March)	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							
Normal Period	BDL	15.5	39.3	24.0	128	38	119 (PM ₁₀)	Moderate
Lockdown Period	BDL	9.2	NM	NM	44	12	44 (PM ₁₀)	Good
Average	BDL	12.3	39.3	24.0	86	25	86(PM ₁₀)	Satisfactory

X. IRC Village, Nayapali

Month (March)	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							
Normal Period	BDL	17.4	53.3	26.9	89	NM	89(PM ₁₀)	Satisfactory
Lockdown Period	BDL	BDL	NM	NM	38	NM	38(PM ₁₀)	Good
Average	BDL	17.4	53.3	26.9	63	NM	63(PM ₁₀)	Satisfactory

XI. Capital Police Station, Unit-I

Month (March)	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							
Normal Period	BDL	16.4	36.8	24.6	102	34	101(PM ₁₀)	Moderate
Lockdown Period	BDL	9.5	NM	NM	48	13	48(PM ₁₀)	Good
Average	BDL	12.9	36.8	24.6	75	23	75(PM ₁₀)	Satisfactory

XII. Patrapada

Month (March)	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							
Normal Period	BDL	14.0	39.0	23.7	97	30	97(PM ₁₀)	Satisfactory
Lockdown Period	BDL	BDL	NM	NM	34	11	34(PM ₁₀)	Good
Average	BDL	14.0	39.0	23.7	65	20	65(PM ₁₀)	Satisfactory

XIII. Chandrasekharpur

Month (March)	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							
Normal Period	BDL	15.4	41.2	25.7	102	24	101(PM ₁₀)	Moderate
Lockdown Period	BDL	BDL	NM	NM	41	12	41(PM ₁₀)	Good
Average	BDL	15.4	41.2	25.7	71	18	71(PM ₁₀)	Satisfactory

XIV. Palasuni waterworks

Month (March)	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							
Normal Period	BDL	14.5	46.3	24.5	78	30	78(PM ₁₀)	Satisfactory
Lockdown Period	NM	NM	NM	NM	NM	NM	NM	-
Average	BDL	14.5	46.3	24.5	78	30	78(PM ₁₀)	Satisfactory

6. BONAIGARH(1)

XV. Bonaigarh Govt. Hospital

Month (March)	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					
Normal Period	NM					
Lockdown Period						
Average						

7. CUTTACK(3)

XVI. On the roof of Hotel BishalinnNearTraffic Tower Badambadi

Month (March)	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							
Normal Period	5.2	19.3	30.8	26.8	100	50	100(PM ₁₀)	Satisfactory
Lockdown Period	NM	NM	NM	NM	NM	NM	-	-
Average	5.2	19.3	30.8	26.8	100	50	100(PM ₁₀)	Satisfactory

XVII. RO SPCB, Building, Surya Vihar

Month (March)	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							
Normal Period	5.2	22.8	38.0	26.5	100	50	100(PM ₁₀)	Satisfactory
Lockdown Period	BDL	13.0	93.1	BDL	61	28	61(PM ₁₀)	Satisfactory
Average	5.2	17.9	65.5	26.5	80	39	80(PM ₁₀)	Satisfactory

XVIII. PHD Office, Barabati

Month (March)	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							
Normal Period	4.2	17.6	25.7	21,5	101	53	101(PM ₁₀)	Moderate
Lockdown Period	NM	NM	NM	NM	NM	NM	-	-
Average	4.2	17.6	25.7	21,5	101	53	101(PM ₁₀)	Moderate

8. JHARSUGUDA(3)

XIX. RO SPCB, Cox Colony, Babubagicha, Jharsuguda

Month (March)	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							
Normal Period	7.9	17.3	NM	NM	115	63	110(PM ₁₀)	Moderate
Lockdown Period	5.0	9.8	NM	NM	44	21	44(PM ₁₀)	Good
Average	6.4	13.5	NM	NM	79	42	79(PM ₁₀)	Satisfactory

XX. TRL Colony Premises, Belpahar

Month (March)	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							
Normal Period	7.5	17.0	NM	NM	114	59	109(PM ₁₀)	Moderate
Lockdown Period	5.2	10.6	NM	NM	67	38	67(PM ₁₀)	Satisfactory
Average	6.3	13.8	NM	NM	90	48	90(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					
March	Not Monitored					

9. KALINGANAGAR(3)

XXII. BRPL Guest House

Month (March)	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						
Normal Period	BDL	19.0	51.5	137	NM	125 (PM ₁₀)	Moderate
Lockdown Period	NM	NM	NM	NM	NM	-	-
Average	BDL	19.0	51.5	137	NM	125 (PM ₁₀)	Moderate

XXIII. RO SPCB, Kalinganagar

Month (March)	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							
Normal Period	BDL	18.9	51.5	NM	150	NM	133(PM ₁₀)	Moderate
Lockdown Period	BDL	10.2	41.1	BDL	62	NM	62(PM ₁₀)	Satisfactory
Average	BDL	14.5	46.3	BDL	106	NM	104(PM ₁₀)	Moderate

XXIV. DET Hostel, TATA Steel

Month (March)	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						
Normal Period	BDL	18.9	51.5	150	NM	133 (PM ₁₀)	Moderate
Lockdown Period	NM	NM	NM	NM	NM	-	-
Average	BDL	18.9	51.5	150	NM	133 (PM ₁₀)	Moderate

10.KEONJHAR(1)

XXV. RO SPCB, Baniapat

Month (March)	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						
Normal Period	BDL	16.4	NM	NM	100	100(PM ₁₀)	Satisfactory
Lockdown Period	BDL	10.2	NM	NM	53	53(PM ₁₀)	Satisfactory
Average	BDL	13.3	NM	NM	76	76(PM ₁₀)	Satisfactory

11. KONARK(1)

XXVI.Konark Police Station

Month (March)	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							
Normal Period	BDL	10.2	36.5	22.5	69	NM	69(PM ₁₀)	Satisfactory
Lockdown Period	NM	NM	NM	NM	NM	NM	-	-
Average	BDL	10.2	36.5	22.5	69	NM	69(PM ₁₀)	Satisfactory

12.PARADEEP

(3) XXVII. PPL Guest house

Month (March)	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					
Normal Period	11.7	16.2	102	NM	101(PM ₁₀)	Moderate
Lockdown Period	BDL	13.5	64	NM	64(PM ₁₀)	Satisfactory
Average	6.8	14.8	83	NM	83(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					
March	Not Monitored					

XXIX. Paradeep Port trustStaff Quarter

Month (March)	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					
Normal Period	16.6	13.9	101	NM	101(PM ₁₀)	Moderate
Lockdown Period	13.4	9.9	63	NM	63(PM ₁₀)	Satisfactory
Average	15.0	11.9	82	NM	82(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							
March	Not Monitored							

XXXI. Town Police Station

Month (March)	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							
Normal Period	BDL	12.6	51.5	22.7	87	NM	87(PM ₁₀)	Satisfactory
Lockdown Period	NM	NM	NM	NM	NM	NM	-	-
Average	BDL	12.6	51.5	22.7	87	NM	87(PM ₁₀)	Satisfactory

14. RAYAGADA(2)

XXXII. RO SPCB, Rayagada Indiranagar

Month (March)	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							
Normal Period	4.3	16.6	26.0	25.1	81	33	81(PM ₁₀)	Satisfactory
Lockdown Period	BDL	13.2	21	21.1	32	15	32(PM ₁₀)	Good
Average	BDL	14.9	23.5	23.1	56	24	56(PM ₁₀)	Satisfactory

XXXIII. LPS High School, Jaykaypur

Month (March)	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							
Normal Period	BDL	16.5	22.0	24.0	72	37	72(PM ₁₀)	Satisfactory
Lockdown Period	NM	NM	NM	NM	NM	NM	-	
Average	BDL	16.5	22.0	24.0	72	37	72(PM ₁₀)	Satisfactory

15 RAJGANGPUR (1)

XXXIV. DISR, Rajgangpur

Month (March)	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					
Normal Period	5.7	10.7	85	43	85(PM ₁₀)	Satisfactory
Lockdown Period	4.2	9.4	56	21	56(PM ₁₀)	Satisfactory
Average	4.9	10.0	70	32	70(PM ₁₀)	Satisfactory

16. ROURKELA (4)

XXXV. RO SPCB, Rourkela, Sector-5

Month (March)	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					
Normal Period	6.2	13.4	89	36	89(PM ₁₀)	Satisfactory
Lockdown Period	4.1	9.2	46	17	46(PM ₁₀)	Good
Average	5.1	11.3	67	26	67(PM ₁₀)	Satisfactory

XXXVI. IDL out Post

Month (March)	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					
Normal Period	6.2	11.2	81	45	81(PM ₁₀)	Satisfactory
Lockdown Period	4.5	9.5	60	25	60(PM ₁₀)	Satisfactory
Average	5.3	10.3	70	35	70(PM ₁₀)	Satisfactory

XXXVII. IDCO Water tank, IDC Kalunga

Month (March)	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					
Normal Period	6.0	12.5	156	22	137(PM ₁₀)	Moderate
Lockdown Period	4.4	10.1	75	17	75(PM ₁₀)	Satisfactory
Average	5.2	11.3	115	19	110(PM ₁₀)	Moderate

XXXVIII. Govt. Hospital, Kuanmunda

Month (March)	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					
Normal Period	5.9	10.8	116	50	111(PM ₁₀)	Moderate
Lockdown Period	4.2	9.3	82	32	82(PM ₁₀)	Satisfactory
Average	5.0	10.0	99	41	99(PM ₁₀)	Satisfactory

17. SAMBALPUR (1)

XXXIX. PHD Office, Modipara

Month (March)	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							
Normal Period	6.8	27.2	23.5	22.5	113	59	109(PM ₁₀)	Moderate
Lockdown Period	4.5	20.9	BDL	BDL	73	31	73(PM ₁₀)	Satisfactory
Average	5.6	24.0	BDL	16.2	93	45	93(PM ₁₀)	Satisfactory

NB:-(i) Four NAMP stations i.e. (1) at Vedanta Township under RO, Jharsuguda, (2) Sadar police Station, Puri (3) IFFCO STP at Paradeep & (4) Bonaigarh, Rourkela were not in operation in the month of March, 2020.

(ii) NM-Not Monitored,

(iii) BDL Value for SO₂ ≤ 4 µg/m³, NO₂ ≤ 9 µg/m³, NH₃ ≤ 20 µg/m³ & O₃ ≤ 20 µg/m³.

(iv) Normal Period (1st -21st March, 2020)

Lockdown Period (22nd-31st March 2020)