Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, May- 2023

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	14.6	21.0	28.8	42.1	120	58	113(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							
May	11.4	30.0	33.4	23.4	119	46	113(PM_{10})	Moderate

III.Sikhyapada, 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	7.5	13.9	23.6	26.6	75	30	75(PM_{10})	Satisfactory

2. TALCHER(2)   IV. 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	11.1	28.4	39.3	24.0	100	44	100(PM_{10})	Satisfactory

V.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	10.6	29.7	29.9	24.6	129	53	119(PM_{10})	Moderate

VI. Champasi,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	11.5	23.0	32.7	34.5	129	56	119(PM_{10})	Moderate

3. BALASORE(3)   VII. 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	10.9	23.8	24.7	104	67	123($PM_{2.5}$)	Moderate

VIII. 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	10.8	23.7	24.5	98	62	107($PM_{2.5}$)	Moderate

IX. Rasalpur Industrial Estate

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	8.2	11.7	24.7	26.1	122	74	147(PM$_{2.5}$)	Moderate

4. BERHAMPUR(1)   X. RO SPCB, Brahmanagar

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	5.9	16.7	31.1	31.9	66	41	68(PM$_{2.5}$)	Satisfactory

5. BHUBANESWAR(6)   XI. SPCB Office Building, Unit-VIII

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	BDL	16.3	35.9	28.6	84	NM	84(PM$_{10}$)	Satisfactory

XII. IRC Village, Nayapali

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	BDL	13.9	36.2	26.5	67	28	67(PM$_{10}$)	Satisfactory

XIII. Capital Police Station, Unit-I

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	BDL	17.7	44.6	27.9	86	35	86(PM$_{10}$)	Satisfactory

XIV. Khandagiri

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	BDL	18.7	30.5	28.7	86	37	86(PM$_{10}$)	Satisfactory

XV. Central Laboratory

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	BDL	16.6	46.0	30.1	92	33	92(PM$_{10}$)	Satisfactory

XVI. Palasuni waterworks

Month	SO$_2$	NO$_2$	NH$_3$	O$_3$	PM$_{10}$	PM$_{2.5}$	AQI w. r. t Prominent Pollutant	Categorization
			Parameters					
	Monthly Average Values express in Microgram per cubic meter							
May	BDL	17.5	26.2	27.5	71	30	71(PM$_{10}$)	Satisfactory

6. BONAIGARH(1)   XVII. 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	12.7	14.3	24.0	25.4	146	56	131(PM_{10})	Moderate

7. CUTTACK(3)   XVIII. 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	BDL	19.2	44.4	34.1	85	22	85(PM_{10})	Satisfactory

XIX. 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	5.4	21.6	52.0	40.4	104	29	103(PM_{10})	Moderate

XX. 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	19.5	37.6	35.3	97	30	97(PM_{10})	Satisfactory

8. JHARSUGUDA(3)   XXI. 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	8.9	13.6	23.3	22.0	120	58	113(PM_{10})	Moderate

XXII. 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	8.6	14.6	26.5	25.9	126	66	120($PM_{2.5}$)	Moderate

XXIII. Samalaiswari 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							
May	8.4	13.4	25.3	23.1	115	58	110(PM_{10})	Moderate

9. KALINGANAGAR(3)   XXIV. BRPL 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	7.8	13.5	32.1	22.6	70	29	70(PM_{10})	Satisfactory

XXV. 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	7.8	13.3	30.2	22.7	79	33	79(PM_{10})	Satisfactory

XXVI. 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	6.4	14.7	33.2	22.1	96	43	96(PM_{10})	Satisfactory

10. Kandhamal(2)   XXVII. Over Collectorate Office, Phulbani

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	16.0	-	-	59	18	59(PM_{10})	Satisfactory

XXVIII. NAC Office, G.Udayagiri

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	5.4	12.0	-	-	71	18	71(PM_{10})	Satisfactory

11.KEONJHAR(1)   XXIX. 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	13.0	29.5	86	46	86(PM_{10})	Satisfactory

12. KONARK(1)   XXX .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	12.0	28.7	24.1	46	24	46(PM_{10})	Good

13.PARADEEP(3)   XXXI. 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	15.3	9.4	119.2	21.3	77	41	77(PM_{10})	Satisfactory

XXXII. 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	15.8	11.2	135	25.7	80	42	80(PM_{10})	Satisfactory

XXXIII. 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	13.3	11.5	111	24.0	67	35	67(PM_{10})	Satisfactory

14.PURI(2)   XXXIV. 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	12.8	42.9	20.4	99	26	99(PM_{10})	Satisfactory

XXXV. 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	BDL	12.4	42.7	20.3	97	24	97(PM_{10})	Satisfactory

15. RAYAGADA(2)   XXXVI. 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	4.1	14.2	27.0	22.6	84	23	84(PM_{10})	Satisfactory

XXXVII. 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	6.0	16.9	33.0	23.1	88	27	88(PM_{10})	Satisfactory

16. RAJGANGPUR(1)   XXXVIII. 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	14.2	15.5	24.6	32.2	130	51	120(PM_{10})	Moderate

17. ROURKELA(4)   XXXIX. Town Engineering Office Premises, RSP, 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	12.6	13.7	23.2	26.5	121	35	114(PM_{10})	Moderate

XL. 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	11.1	14.2	26.4	23.9	142	65	128(PM_{10})	Moderate

XLI. 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	12.7	13.4	24.6	25.4	243	61	195(PM_{10})	Moderate

XLII. Govt. Hospital, Kuanrmunda

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	12.6	13.8	25.2	25.8	214	47	176(PM_{10})	Moderate

18.<u>SAMBALPUR</u> (1)   **XLIII. 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	6.6	23.1	21.9	20.6	88	33	88(PM_{10})	Satisfactory

NB:- NM-Not Monitored BDL Value for SO_2 ≤4 µg/m^3.