Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, November- 2022

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							
November	11.2	27.6	44.2	20.2	105	46	103(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							
November	9.6	28.7	30.7	BDL	114	38	109(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							
November	11.1	29.3	37.8	BDL	109	48	106(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							
November	9.8	29.2	27.6	BDL	110	31	107(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							
November	BDL	10.9	23.8	24.4	84	48	84(PM_{10})	Satisfactory

VI.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							
November	BDL	10.8	23.5	24.3	84	47	84(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							
November	8.1	11.7	24.6	25.5	89	53	89(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							
November	5.3	22.9	54.0	37.3	118	43	112(PM_{10})	Moderate

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							
November	BDL	15.6	32.7	27.1	128	50	119(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							
November	BDL	17.7	33.1	26.9	145	62	130(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							
November	BDL	15.4	35.2	20.4	135	47	123(PM_{10})	Moderate

XII.Khandagiri

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							
November	BDL	16.4	42.2	27.9	135	52	123(PM_{10})	Moderate

XIV.Chandresekherpur

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							
November	BDL	14.7	32.7	26.3	130	39	120(PM_{10})	Moderate

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							
November	BDL	15.1	45.3	25.6	173	66	149(PM_{10})	Moderate

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							
November	11.3	13.6	30.5	28.9	136	34	124(PM_{10})	Moderate

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							
November	4.2	19.3	42.4	31.6	127	NM	118(PM_{10})	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							
November	5.4	22.6	46.9	36.5	134	48	123(PM_{10})	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							
November	4.5	20.2	25.8	31.1	123	NM	115(PM_{10})	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							
November	8.8	13.4	23.0	23.0	129	65	119(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							
November	8.6	15.0	25.2	23.2	122	60	115(PM_{10})	Moderate

XXI. 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							
November	8.9	14.0	26.4	24.9	125	67	123($PM_{2.5}$)	Moderate

9.KALINGANAGAR(3)   XXII. 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							
November	4.8	13.3	32.1	22.0	106	NM	104(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							
November	55.7	14.2	32.1	21.8	118	66	120($PM_{2.5}$)	Moderate

XXIV. 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							
November	5.8	14.1	32.3	21.7	122	65	117($PM_{2.5}$)	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						
November	BDL	14.2	40.1	107	60	105(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							
November	BDL	12.3	30.4	24.1	70	24	70(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							
November	14.3	BDL	115	24.9	130	56	120(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							
November	15.1	9.5	117	29.8	119	50	113(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							
November	13.6	BDL	109	28.1	115	47	110(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							
November	BDL	13.9	43.6	20.5	104	30	103(PM_{10})	Moderate

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							
November	BDL	13.4	44.1	20.5	105	30	103(PM_{10})	Moderate

14. <u>RAYAGADA(2)</u>   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							
November	4.9	15.5	29.0	22.1	82	43	82(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							
November	5.7	16.7	30.0	22.8	85	NM	85(PM_{10})	Satisfactory

15 <u>RAJGANGPUR(1)</u>   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							
November	9.6	11.9	23.3	23.9	156	47	137(PM_{10})	Moderate

16. <u>ROURKELA(4)</u>   XXXV. 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							
November	12.6	12.9	23.6	24.2	125	50	117(PM_{10})	Moderate

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							
November	11.2	14.3	30.1	28.1	97	55	97(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							
November	19.5	31.0	25.2	25.1	144	51	129(PM_{10})	Moderate

XXXVIII. 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							
November	14.0	16.5	23.9	24.1	94	42	94(PM_{10})	Satisfactory

17.<u>SAMBALPUR (1)</u>   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							
November	8.8	26.1	25.2	24.1	149	50	133(PM_{10})	Moderate

NB:- NM-Not Monitored BDL Value for SO_2 ≤4 µg/m³, NO_2 ≤9 µg/m³ & O_3 ≤20 µg/m³.