Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, July- 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							
July	8.1	22.3	43.1	BDL	75	30	75(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							
July	9.0	25.8	28.9	BDL	84	27	84(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							
July	9.0	28.0	36.2	BDL	71	26	71(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							
July	9.5	28.4	25.7	BDL	107	28	105(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							
July	BDL	10.4	22.7	23.0	68	36	68(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							
July	BDL	10.4	22.7	23.0	70	34	70(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							
July	7.3	11.1	23.3	23.7	74	40	74(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							
July	5.2	18.6	47.7	35.7	42	21	42(PM_{10})	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							
July	BDL	15.8	30.5	28.1	58	23	58(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							
July	BDL	15.9	31.8	26.1	55	22	55(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							
July	BDL	14.0	43.9	27.8	52	25	52(PM_{10})	Satisfactory

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							
July	BDL	14.6	43.0	27.9	61	22	61(PM_{10})	Satisfactory

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							
July	BDL	14.9	30.6	23.8	64	19	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							
July	BDL	16.2	34.2	26.3	70	20	70(PM_{10})	Satisfactory

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							
July	10.4	13.9	25.4	24.5	57	28	57(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							
July	BDL	15.5	36.0	31.0	78	24	78(PM_{10})	Satisfactory

*-: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							
July	BDL	17.7	37.2	31.2	90	25	90(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							
July	BDL	18.9	37.9	26.2	88	24	88(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							
July	8.1	12.8	21.7	21.5	87	41	87(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							
July	7.7	13.9	29.9	22.1	84	40	84(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					
July	Not Monitored					

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							
July	5.0	12.9	34.1	21.7	78	NM	78(PM_{10})	Satisfactory

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							
July	4.7	13.3	33.5	21.6	71	41	71(PM_{10})	Satisfactory

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							
July	5.3	13.6	33.8	21.6	71	NM	71(PM_{10})	Satisfactory

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						
July	BDL	12.3	30.0	46	27	46(PM_{10})	Good

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							
July	BDL	12.4	44.7	24.3	41	NM	41(PM_{10})	Good

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							
July	13.7	BDL	114	28.3	58	NM	58(PM_{10})	Satisfactory

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							
July	13.6	BDL	113	26.6	60	NM	60(PM_{10})	Satisfactory

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							
July	12.4	BDL	105	28.5	53	24	53(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							
July	BDL	13.1	43.8	BDL	81	NM	81(PM_{10})	Satisfactory

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							
July	Not Monitored							

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							
July	4.3	14.2	28.7	21.5	50	23	50(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							
July	5.4	15.5	29.9	22.8	54	NM	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							
July	11.0	12.3	22.9	22.0	95	23	95(PM$_{10}$)	Satisfactory

16. ROURKELA(4)   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							
July	10.4	11.5	22.7	22.9	92	31	92(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							
July	10.8	14.9	26.8	25.7	94	55	94(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							
July	11.3	13.1	22.9	21.9	104	28	103(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							
June	9.9	13.1	22.6	22.4	78	34	78(PM$_{10}$)	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							
July	5.0	22.6	21.3	BDL	41	18	41(PM$_{10}$)	Good

NB:-* -Minimum three parameter are required for AQI calculation.
NB:- Two NAMP stations (1)Vedanta Township under RO, Jharsuguda (2) Town Police station, Puri were not in operation in the month of **July 2022**. NM-Not Monitored BDL Value for SO$_2$ ≤4 µg/m^3, & O$_3$ ≤20 µg/m^3.