

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

## 1. ANGUL(2)

### I. RO SPCB, Angul Industrial Estate

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	11.3	27.6	31.1	BDL	104	48	103(PM <sub>10</sub> )	Moderate

### II.NALCO Nagar, Angul

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	9.8	26.7	24.4	BDL	111	33	107(PM <sub>10</sub> )	Moderate

## 2. TALCHER(2)

### III. TTPS, Talcher

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	11.9	29.0	38.7	BDL	129	49	119(PM <sub>10</sub> )	Moderate

### IV.MCL, Talcher

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	9.5	28.8	BDL	BDL	112	33	108(PM <sub>10</sub> )	Moderate

## 3. BALASORE(3)

### V. RO SPCB, Ganeswarpur

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	10.9	24.0	24.1	86	41	86(PM <sub>10</sub> )	Satisfactory

### VI. Oriplast, Balasore

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	10.9	24.2	23.7	85	41	85(PM <sub>10</sub> )	Satisfactory

### VII. Rasalpur Industrial Estate

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	7.8	11.6	25.1	25.2	91	47	91(PM <sub>10</sub> )	Satisfactory

## 4. BERHAMPUR(1)

### VIII. RO SPCB, Brahmanagar

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	5.5	19.0	33.9	41.4	69	28	69(PM <sub>10</sub> )	Satisfactory

5. BHUBANESWAR(6)

## IX. SPCB Office Building, Unit-VIII

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	15.2	37.3	23.0	141	48	127(PM <sub>10</sub> )	Moderate

## X. IRC Village, Nayapali

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	13.9	31.8	22.0	93	NM	93(PM <sub>10</sub> )	Satisfactory

## XI. Capital Police Station, Unit-I

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	Not monitored					33	*	-

## XII. Patrapada

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	14.0	39.4	21.8	105	46	103(PM <sub>10</sub> )	Moderate

## XIII. Chandrasekharpur

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	13.8	36.9	21.7	105	40	103(PM <sub>10</sub> )	Moderate

## XIV. Palasuni waterworks

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	15.3	41.1	24.2	113	67	123(PM <sub>2.5</sub> )	Moderate

6. BONAIGARH(1)

## XV. Bonaigarh Govt. Hospital

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	7.6	12.7	24.7	23.1	75	30	75(PM <sub>10</sub> )	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 <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	Not Monitored					62	*	-

\*:-For AQI calculation minimum three parameters are required.

**XVII. RO SPCB, Building, Surya Vihar**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	4.2	21.9	37.5	26.5	126	61	117(PM <sub>10</sub> )	Moderate

**XVIII. PHD Office,Barabati**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	20.3	31.3	24.1	121	57	114(PM <sub>10</sub> )	Moderate

**8.JHARSUGUDA(3)**

**XIX. RO SPCB, Cox Colony, Babubagicha, Jharsuguda**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	7.5	12.5	22.2	BDL	97	52	97(PM <sub>10</sub> )	Satisfactory

**XX. TRL Colony Premises, Belpahar**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	9.4	15.7	26.0	27.3	108	62	107(PM <sub>2.5</sub> )	Moderate

**XXI. Inside Vedanta Township**

Month	Parameters				AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter					
December	<b>Not Monitored</b>					

**9.KALINGANAGAR(3)**

**XXII. BRPL Guest House**

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter						
December	<b>Not Monitored</b>						

**XXIII. RO SPCB, Kalinganagar**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	<b>Not Monitored</b>							

**XXIV. DET Hostel, TATA Steel**

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter						
December	BDL	17.3	49.3	120	NM	113(PM <sub>10</sub> )	Moderate

**10. KEONJHAR (1)**

**XXV. RO SPCB, Baniapat**

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter						
December	BDL	13.8	45.7	125	NM	117(PM <sub>10</sub> )	Moderate

**11. KONARK(1)**

**XXVI. Konark Police Station**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	12.6	37.3	21.9	90	NM	90(PM <sub>10</sub> )	Satisfactory

**12. PARADEEP(3)**

**XXVII. PPL Guest house**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	20.3	12.9	204.7	78.1	258	NM	208(PM <sub>10</sub> )	Poor

**XXVIII. IFFCO STP**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	19.9	13.0	195.5	74.6	190	NM	160(PM <sub>10</sub> )	Moderate

**XXIX. Paradeep Port trust Staff Quarter**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	18.9	11.9	186.6	64.5	203	NM	169(PM <sub>10</sub> )	Moderate

**13. PURI(2)**

**XXX. Sadar Police Station**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	Not Monitored							

**XXXI. Town Police Station**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	BDL	15.2	42.7	BDL	97	NM	97(PM <sub>10</sub> )	Satisfactory

**14. RAYAGADA(2)**

**XXXII. RO SPCB, Rayagada Indiranagar**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	4.8	16.0	31.0	22.7	83	43	83(PM <sub>10</sub> )	Satisfactory

**XXXIII. LPS High School, Jaykaypur**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	5.2	16.7	34.0	23.0	88	48	88(PM <sub>10</sub> )	Satisfactory

**15. RAJGANGPUR(1)**

**XXXIV. DISR,Rajgangpur**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	9.3	12.4	23.6	22.8	155	45	137(PM <sub>10</sub> )	Moderate

**16. ROURKELA(4)**

**XXXV. RO SPCB, Rourkela,Sector-5**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	9.3	12.5	23.6	22.8	151	45	134(PM <sub>10</sub> )	Moderate

**XXXVI. IDL out Post**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	9.0	12.1	29.9	22.8	86	50	86(PM <sub>10</sub> )	Satisfactory

**XXXVII. IDCO Water tank, IDC Kalunga**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	11.4	12.9	NM	NM	160	47	140(PM <sub>10</sub> )	Moderate

**XXXVIII. Govt. Hospital, Kuanrunda**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	8.8	12.4	23.8	22.7	155	46	137(PM <sub>10</sub> )	Moderate

**17.SAMBALPUR (1)**

**XXXIX. PHD Office, Modipara**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>		
	Monthly Average Values express in Microgram per cubic meter							
December	8.8	29.8	27.2	25.9	158	67	139(PM <sub>10</sub> )	Moderate

**NB:-Four** NAMP stations i.e (1)Vedanta Township under RO, Jharsuguda, (2)BRPL,Kalinganagar,(3)RO Kalinganagar (4) Sadar police Station, Puri, were not inoperation in the month of December, 2020. NM-Not Monitored, BDL Value for SO<sub>2</sub> ≤4 µg/m<sup>3</sup>,NO<sub>2</sub> ≤ 9 µg/m<sup>3</sup>,NH<sub>3</sub> ≤20 µg/m<sup>3</sup>& O<sub>3</sub> ≤20 µg/m<sup>3</sup>.