

# Ambient Air Quality Status of different cities & towns of Odisha during -2018

Sl. No.	Area / Stations	No. of Obs (24 hrs)	Annual Average Value (24hourly range) except O <sub>3</sub> 1-hourly range)							% of violation of data from 24 hourly standard		Yearly AQI of the monitorin	Overall AQI of the City	Category
			PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	Pb	PM <sub>10</sub>	PM <sub>2.5</sub>			
			(values expressed in Microgram per cubic meter)											
<b>Angul</b>														
1	1. RO SPCB, Angul (I/E)	106	98 (45-154)	52 (18-85)	9.0 (BDL-19.9)	25.2 (15.6-34.6)	-	-	-	44.3%	33%	98 (PM <sub>10</sub> )	100 (PM <sub>10</sub> )	SATISFACTORY
	2. NALCO Nagar, Angul	107	102 (62-163)	46 (28-97)	9.6 (BDL-15.3)	25.2 (19.5-30.1)	-	-	-	60.7%	16.8%	101 (PM <sub>10</sub> )		
<b>Talcher</b>														
2	3. TTPS , Talcher	105	95 (41-206)	46 (17-97)	10.2 (5.8-15.4)	28.3 (23.2-34.1)	-	-	-	37.1%	20.9%	95 (PM <sub>10</sub> )	106 (PM <sub>10</sub> )	MODERATE
	4.MCL, Talcher	105	124 (54-182)	53 (23-86)	9.7 (4.8-11.6)	28.4 (21.7-33.9)	-	-	-	72.4%	36.2%	116 (PM <sub>10</sub> )		
<b>Balasore</b>														
3	5. R.O, SPCB Sahadevkhunta	103	83 (65-144)	44 (30-95)	BDL (BDL-BDL)	10.8 (9.9-12.1)	-	-	-	0.97%	5.8%	83 (PM <sub>10</sub> )	86 (PM <sub>10</sub> )	SATISFACTORY
	6. DIC office, Angaragadia	103	83 (69-141)	43 (30-89)	BDL (BDL- BDL)	10.8 (10-13.8)	-	-	-	0.97%	2.9%	83 (PM <sub>10</sub> )		
	7.Rasalpur,Industrial Estate	103	91 (76-117)	55 (36-78)	7.7 (6.2-9.5)	11.8 (10.5-13.4)	-	-	-	11.6%	18.4%	92 (PM <sub>2.5</sub> )		
<b>Berhampur</b>														
4	8. R.O, SPCB, Brahamanagar	103	64 (31-107)	33 (11-65)	BDL (BDL- BDL)	19.3 (14.8-25.1)	-	-	-	0.97%	0.97%	64 (PM <sub>10</sub> )	64 (PM <sub>10</sub> )	SATISFACTORY
<b>Bhubaneswar</b>														
5	9. SPCB Office Building, Unit-VIII	88	98 (26-258)	38 (12-100)	BDL (BDL- 4.6)	20.1 (10.1-29.6)	48.1 (22.9-66.2)	23.4 (21.3-27.3)	0.015 (BDL-0.15)	55.7%	7.9%	98 (PM <sub>10</sub> )	94 (PM <sub>10</sub> )	SATISFACTORY
	10. I.R.C. Village, Nayapalli	83	89 (37-172)	34 (12-65)	BDL (BDL- 7.6)	19.6 (13.9-26.1)	52.8 (32.9-69.3)	24.1 (21.3-28.6)	0.017 (BDL -0.13)	44.6%	2.4%	89 (PM <sub>10</sub> )		
	11. Capital Police Station, Unit-I	92	105 (51-163)	31 (16-55)	BDL (BDL-5.3)	17.4 (BDL-32.7)	63.9 (30.6-97.9)	20.9 (BDL-32.7)	0.024 (BDL -0.106)	72.1%	NIL	103 (PM <sub>10</sub> )		
	12.Chandrasekharpur	93	93 (31-290)	31 (15-84)	BDL (BDL- 8.1)	15.4 (10.4-25.4)	41.9 (25.8-82.6)	23.5 (21.2-27.3)	0.024 (BDL -0.33)	37.6%	4.3%	93 (PM <sub>10</sub> )		
	13. Patrapada	100	90 (27-130)	26 (10-42)	BDL (BDL- BDL)	14.4 (10.8-22)	42.3 (BDL-57.1)	24.0 (20.8-29.0)	0.017 (BDL -0.11)	29%	NIL	90 (PM <sub>10</sub> )		
	14.Palasuni water works	80	89 (57-169)	27 (16-41)	BDL (BDL- BDL)	15.2 (BDL-26.0)	47.7 (30.3-86.7)	22.5 (BDL-34.0)	0.014 (BDL -0.075)	26.2%	NIL	89 (PM <sub>10</sub> )		

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			PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	Pb	PM <sub>10</sub>	PM <sub>2.5</sub>			
			(values expressed in microgram per cubic meter)											
6	<b>Bonaigarh</b>													
	15. Roof of Bonai Govt. Hospital	106	99 (33-230)	36 (13-110)	8.4 (5.2-18.1)	12.0 (BDL-22.6)	-	-	-	38.7%	15.1%	99 (PM <sub>10</sub> )	99 (PM <sub>10</sub> )	SATISFACTORY
7	<b>Cuttack</b>													
	16. Traffic Tower Badambadi,	55	127 (83-180)	56 (42-73)	4.9 (BDL-5.5)	32.9 (26.7-38.3)	-	-	-	89.1%	34.0%	118 (PM <sub>10</sub> )	109 (PM <sub>10</sub> )	MODERATE
	17. R.O.SPCB Building, Surya Vihar	104	106 (67-213)	45 (28-100)	BDL (BDL-5.9)	30.6 (25.5-42)	-	-	-	47.1%	18.7%	104 (PM <sub>10</sub> )		
	18.PHD office ,Barabati	104	106 (63-246)	44 (26-108)	BDL (BDL-7.1)	29.9 (25.2-36.8)	-	-	-	47.1%	24.0%	104 (PM <sub>10</sub> )		
8	<b>Jharsuguda</b>													
	19. RO Building,Cox Colony, Babubagicha,	107	105 (70-153)	55 (32-103)	10.1 (5.3-24.0)	18.0 (9.3-31.2)	-	-	-	75%	28%	103 (PM <sub>10</sub> )	104 (PM <sub>10</sub> )	MODERATE
	20.Inside TRL Colony Premises	105	107 (78-139)	57 (35-86)	6.6 (BDL-11.2)	13.3 (9.8-22.2)	-	-	-	76.2%	41%	105 (PM <sub>10</sub> )		
9	<b>Kalinga Nagar</b>													
	21.Over the roof of Guest BRPL House(Near TATA Guest House)	98	124 (44-167)	71 (61-77)	BDL (BDL- BDL)	9.7 (BDL-12.7)	-	-	-	79.6%	84%	137 (PM <sub>2.5</sub> )	122 (PM <sub>10</sub> )	MODERATE
	22.Roof of RO SPCB, building	94	109 (39-191)	47 (36-60)	BDL (BDL- BDL)	11.7 (BDL-21.4)	-	-	-	77.6%	Nil	106 (PM <sub>10</sub> )		
10	<b>Keonjhar</b>													
	23. R.O.SPCB, Baniapat	75	109 (27-225)	49 (13-106)	BDL (BDL- BDL)	13.8 (9.8-20.6)	-	-	-	45.3%	33.3%	106 (PM <sub>10</sub> )	106 (PM <sub>10</sub> )	MODERATE
11	<b>Konark</b>													
	24. Konark Police station	100	80 (36-197)	NM	BDL (BDL- BDL)	11.9 (9.5-17.2)	46.6 (20.2-71)	22.3 (BDL-27.2)	0.013 (BDL-0.08)	20.0%	NM	80 (PM <sub>10</sub> )	80 (PM <sub>10</sub> )	SATISFACTORY
12	<b>Paradeep</b>													
	25.PPL Guest House	98	114 (38-295)	36 (16-119)	18.7 (11.9-32.8)	11.4 (7.7-17.3)	-	-	-	46.9%	14.8%	109 (PM <sub>10</sub> )	113 (PM <sub>10</sub> )	MODERATE
	26. On the roof of IFFCO STP	64	132 (43-248)	62 (33-102)	17.5 (12.2-26.3)	11.4 (8.8-19.3)	-	-	-	70.3%	43.7%	121 (PM <sub>10</sub> )		
	27. On the roof of Paradeep port trust	99	113 (36-317)	47 (16-161)	19.2 (13.8-37.8)	11.5 (9.1-20.6)	-	-	-	49.5%	26.8%	109 (PM <sub>10</sub> )		

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			PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	NH <sub>3</sub>	O <sub>3</sub>	Pb	PM <sub>10</sub>	PM <sub>2.5</sub>			
			(values expressed in microgram per cubic meter)											
13	<b>Puri</b>													
	28. Sadar police Station	66	88 (52-134)	NM	BDL (BDL- BDL)	14.6 (10.9-18.9)	54.1 (40.6-72.5)	22.6 (BDL-35.3)	0.012 (BDL-0.09)	21.2%	NM	88 (PM <sub>10</sub> )	88 (PM <sub>10</sub> )	SATISFACTORY
	29. Town police Station	84	87 (45-167)	NM	BDL (BDL- BDL)	14.9 (10.9-25.4)	52.2 (38.9-99.8)	23.2 (BDL-33.5)	0.02 (BDL-0.18)	17.8%	NM	87 (PM <sub>10</sub> )		
14	<b>Rayagada</b>													
	30.R.O.SPCB Building, Indiranagar	105	60 (27-161)	37 (11-118)	BDL (BDL- 18.7)	17.8 (13.8-31.2)	-	-	-	0.95%	0.095%	62 (PM <sub>2.5</sub> )	66 (PM <sub>2.5</sub> )	SATISFACTORY
	31. LPS High School, Jaykaypur	105	66 (19-149)	42 (11-96)	BDL (BDL- 14.3)	18.5 (13.7-26.9)	-	-	-	0.95%	4.8%	70 (PM <sub>2.5</sub> )		
15	<b>Rajgangpur</b>													
	32. DISIR, Rajgangpur	106	140 (20-295)	47 (5-132)	15.3 (5.7-24)	19.6 (9.7-35.9)	-	-	-	77.3%	29.2%	127 (PM <sub>10</sub> )	127 (PM <sub>10</sub> )	MODERATE
16	<b>Rourkela</b>													
	33. R.O.SPCB building, Sector-5	105	93 (51-187)	40 (14-267)	6.8 (BDL- 13.5)	13.5 (BDL-17.6)	-	-	-	14.3%	3.8%	93 (PM <sub>10</sub> )	106 (PM <sub>10</sub> )	MODERATE
	34. IDL Outpost	105	85 (63-110)	50 (37-78)	5.9 (5.2-14.8)	10.8 (8.9-20)	-	-	-	7.6%	4.8%	85 (PM <sub>10</sub> )		
	35. IDCO Water Tank, IDC Kalunga	105	186 (93-359)	57 (27-93)	14.7 (BDL-25.5)	22.3 (4.5-34.6)	-	-	-	98.1%	37.1%	157 (PM <sub>10</sub> )		
	36. Kuarmunda Out Post, Kuarmunda	105	87 (30-184)	37 (20-66)	6.9 (BDL-15.1)	10.9 (BDL-20.8)	-	-	-	24.8%	0.95%	87 (PM <sub>10</sub> )		
17	<b>Sambalpur</b>													
	37. PHD Office, Modipara	105	84 (53-287)	52 (24-220)	4.7 (BDL- 39)	20.9 (15.7-42.8)	-	-	-	2.8%	18.1%	87 (PM <sub>2.5</sub> )	87 (PM <sub>2.5</sub> )	SATISFACTORY
<b>Prescribed Standard (24 hrly)</b>			<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>400</b>	<b>180 (1Hourly)</b>	<b>0.5</b>					
<b>Standard for Annual Avg. Value</b>			<b>60</b>	<b>40</b>	<b>50</b>	<b>40</b>	<b>100</b>	<b>100 (8Hourly)</b>	<b>1.0</b>					

N.B:BDL- Below Detectable Limit, PM<sub>10</sub> – Particulate Matter ≤ 10 μ size , PM<sub>2.5</sub> – Particulate Matter ≤ 2.5 μ size SO<sub>2</sub> – Sulphur Dioxide, NO<sub>2</sub> – Oxides of Nitrogen, NH<sub>3</sub>→ Ammonia, O<sub>3</sub> – Ozone & Pb-Lead, 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> ≤10 μg/m<sup>3</sup>, O<sub>3</sub> ≤10 μg/m<sup>3</sup>, Pb ≤0.0022 μg/m<sup>3</sup>, PM<sub>10</sub> ≤ 5 μg/m<sup>3</sup>, PM<sub>2.5</sub> ≤ 2 μg/m<sup>3</sup>  
No percentage of violation of data from 24 hourly average for all monitored gaseous pollutants like SO<sub>2</sub>, NO<sub>2</sub>, NH<sub>3</sub>, O<sub>3</sub>, & Pb

