

# Ambient Air Quality Status of different cities & towns of Odisha during -2015

Sl. No.	Area / Stations	No. of Obs (24 hrs)	Annual Average Value (24hourly range) except O <sub>3</sub> 1-hourly Average)							% of violation of data from 24 hourly standard	
			PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</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 &amp; Talcher</b>											
1	1. RO SPCB, Angul	105	99 (51-187)	60 (28-137)	10.8 (7.0-18.1)	24.8 (18.8-30.0)	-	-	-	48.6%	40%
	2. NALCO Nagar, Angul	105	102 (50-159)	57 (25-134)	10.1 (7.8-14.2)	23.1 (17.2-28.5)	-	-	-	52.4%	31.4%
	3. TTPS , Talcher	104	111 (35-208)	70 (16-153)	10.0 (6.7-12.7)	24.3 (20.1-27.2)	-	-	-	50%	59.6%
	4.MCL, Talcher	104	139 (57-203)	81 (31-173)	9.9 (6.7-13.1)	24.5 (20.1-29.3)	-	-	-	90.4%	75%
<b>Balasore</b>											
2	5. R.O, SPCB Sahadevkhunta	105	81 (62-119)	43 (30-84)	BDL (BDL- BDL)	11.9 (10.1-14.5)	-	-	-	0.9%	6.7%
	6. DIC office, Angaragadia	39	76 (61-94)	40 (28-64)	BDL (BDL- BDL)	11.2 (9.8-13.3)	-	-	-	-	5.1%
	7.Rasalpur,Industrial Estate	56	89 (74-109)	52 (34-88)	7.6 (5.6-11.0)	12.6 (10.6-14.6)	-	-	-	12.5%	23.2%
<b>Berhampur</b>											
3	8. R.O, SPCB, Brahamanagar	104	55 (18-116)	33 (10-58)	BDL (BDL- BDL)	17.5 (13.0-22.9)	-	-	-	4.8%	-
<b>Bhubaneswar</b>											
4	9. SPCB Office Building, Unit-VIII	75	89 (32-511)	32 (13-331)	BDL (BDL-17.7)	17.8 (12.1-25.8)	72.2 (50.6-86.7)	24.1 (21.3-39.4)	0.05 (0.008-0.15)	33%	2.7%
	10. I.R.C. Village, Nayapalli	74	69 (26.0-700)	27 (11-262)	BDL (BDL-20.3)	16.2 (11.9-37.5)	70.6 (58.0-85.7)	24.1 (21.3-38.4)	0.05 (0.009-0.17)	13.5%	1.3%
	11. Capital Police Station, Unit-I	73	84 (32-328)	20 (9-258)	BDL (BDL-19.1)	18.9 (12.7-34.3)	78.8 (38.3-92.2)	24.0 (21.3-38.3)	0.05 (0.003-0.02)	20.5%	2.6%
	12.Chandrasek-harpur	75	94 (23-274)	25 (9-131)	BDL (BDL-9.3)	15.6 (10.0-24.6)	43.7 (BDL-89.6)	23.2 (BDL-39.8)	0.04 (BDL-0.13)	34.6%	3.2%
	13. Patrapada	73	79 (24-329)	57 (12-174)	BDL (BDL-7.6)	17.2 (9.9-29.9)	61.0 (BDL-106.2)	22.0 (BDL-36.7)	0.05 (0.003-0.12)	19.2%	5.5%

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			(values expressed in microgram per cubic meter)								
<b>Cuttack</b>											
5	14. Traffic Tower Badambadi,	104	98 (42-335)	36 (18-205)	BDL (BDL-10.5)	32.7 (28.6-43.8)	-	-	-	38.5%	2.9%
	15. R.O.SPCB Building, Surya Vihar	107	69 (44-236)	36 (18-158)	BDL (BDL-5.7)	28.3 (24.0-34.0)	-	-	-	3.7%	1.9%
	16.PHD office ,Barabati	103	73 (49-186)	32 (18-84)	BDL (BDL-6.0)	28.3 (25.2-32.6)	-	-	-	0.97%	0.97%
<b>Jharsuguda</b>											
6	17. RO Building,Cox Colony, Babubagicha,	105	95 (60-124)	39 (22-63)	13.2 (6.0-19.0)	20.3 (10.0-29.0)	-	-	-	48.6%	1.4%
<b>Kalinga Nagar</b>											
7	18.Over the roof of TATA Guest House	107	105 (72-262)	43 (36-58)	BDL (BDL- BDL)	10.3 (9.5-13.9)	-	-	-	55.1%	-
	19.Over the roof of NINL Guest House	96	105 (81-141)	42 (35-58)	BDL (BDL- BDL)	10.1 (9.6-10.8)	-	-	-	62.5%	-
	20.Roof of RO.SPCB,building	105	91 (74-116)	41 (30-58)	BDL (BDL- BDL)	10.0 (9.5-10.9)	-	-	-	15.2%	-
<b>Keonjhar</b>											
8	21 . R.O.SPCB, Baniapat	94	85 (17-198)	47 (5-118)	BDL (BDL- BDL)	13.0 (11.2-17.0)	-	-	-	37.2%	27.7%
<b>Konark</b>											
9	22. Konark Police station	87	85 (26-248)	30 (7-85)	BDL (BDL- BDL)	13.0 (9.9-19.9)	35.5 (24.8-95.9)	24.3 (20.9-53.8)	0.04 (0.003-0.11)	29.8%	7.7%
<b>Paradeep</b>											
10	23.PPL Guest House	95	87 (40-306)	31 (17-122)	11.7 (6.7-36.9)	12.0 (10.3-24.4)	-	-	-	30.5%	1.2 %
	24. On the roof of IFFCO STP	95	100 (40-289)	32 (16-61)	11.9 (6.5-26.2)	11.6 (10.0-24.0)	-	-	-	50.5%	1.2 %
	25. On the roof of Paradeep port trust	96	96 (43-386)	40 (22-155)	11.5 (6.9-29.7)	13.2 (10.5-27.7)	-	-	-	33.3%	4.3 %

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			(values expressed in microgram per cubic meter)								
<b>Puri</b>											
11	26. Sadar police Station	73	81 (23-223)	23 (6-97)	BDL (BDL- BDL)	15.0 (10.6-31.8)	37.3 (22.3-68.4)	23.5 (20.1-46.8)	0.03 (BDL-0.1)	31.5%	5.5%
	27. Town police Station	31	79 (34-219)	24 (9-177)	BDL (BDL- 10.0)	15.7 (11.2-25.2)	36.1 (23.8-61.3)	23.2 (20.9-45.9)	0.03 (0.007-0.09)	22.5%	11.5%
<b>Rayagada</b>											
12	28.R.O.SPCB Building, Indiranagar	104	45 (15-172)	26 (10-71)	BDL (BDL- 12.8)	20.8 (14.4-29.4)	-	-	-	0.96%	1.1%
	29. LPS High School, Jaykaypur	104	52 (17-79)	30 (12-53)	BDL (BDL- 7.0)	21.6 (13.2-25.8)	-	-	-	-	-
<b>Rourkela</b>											
13	30.. R.O.SPCB building, Sector-5	105	104 (27-443)	43 (9-97)	7.1 (4.2-17.1)	13.7 (9.1-24.3)	-	-	-	63.8%	2.8%
	31. IDL Outpost	105	77 (59-173)	54 (36-83)	5.6 (4.8-7.8)	10.5 (9.6-11.7)	-	-	-	7.6%	3.8%
	32. DISIR, Rajgangpur	104	117 (25-220)	54 (12-129)	12.9 (6.3-18.6)	14.2 (9.4-25.6)	-	-	-	57.7%	29.8%
<b>Sambalpur</b>											
14	33. PHD Office, Modipara	116	72 (61-91)	50 (29-58)	BDL (BDL-6.0)	17.5 (13.7-20.6)	-	-	-	-	-
<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, PM10 – Particulate Matter ≤ 10 μ size , SO<sub>2</sub> – Sulphur Dioxide, NO<sub>x</sub> – Oxides of Nitrogen, NH<sub>3</sub>→ Ammonia, O<sub>3</sub> – Ozone, Pb-Lead

- BDL Value for SO<sub>2</sub> ≤ 4 μg/m<sup>3</sup>, NO<sub>x</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 24hourly average for all monitored gaseous pollutants like So<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub>, O<sub>3</sub> & Pb