

# Ambient Air Quality Status of different cities & towns of Odisha during -2016

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</b>											
1	1. RO SPCB, Angul	105	94 (37-171)	50 (21-106)	7.6 (BDL-13.0)	24.3 (14.9-31.2)	-	-	-	43.8%	25.7%
	2. NALCO Nagar, Angul	105	100 (46-197)	50 (26-83)	8.8 (5.7-13.5)	22.2 (17.0-27.7)	-	-	-	56.2%	9.7%
<b>Talcher</b>											
2	3. TTPS , Talcher	106	94 (32-232)	46 (15-117)	9.4 (4.9-12.8)	23.6 (17.2-27.3)	-	-	-	38.7%	27.3%
	4.MCL, Talcher	106	115 (77-168)	55 (35-94)	9.4 (5.1-12.2)	24.2 (17.8-28.7)	-	-	-	82.1%	27.3%
<b>Balasore</b>											
3	5. R.O, SPCB Sahadevkhunta	106	79 (62-121)	46 (20-80)	BDL (BDL-BDL)	11.6 (9.8-14.5)	-	-	-	10.4%	16.0%
	6. DIC office, Angaragadia	73	78 (60-104)	43 (20-68)	BDL (BDL- BDL)	11.0 (10.0-13.5)	-	-	-	4.1%	4.1%
	7.Rasalpur,Industrial Estate	79	93 (75-114)	54 (26-88)	8.4 (6.3-11.0)	12.3 (7.8-14.6)	-	-	-	26.6%	35.4%
<b>Berhampur</b>											
4	8. R.O, SPCB, Brahamanagar	105	58 (30-108)	36 (18-55)	BDL (BDL- BDL)	19.2 (14.1-27.6)	-	-	-	2.8%	NIL
<b>Bhubaneswar</b>											
5	9. SPCB Office Building, Unit-VIII	99	101 (36-211)	40 (15-107)	BDL (BDL-14.5)	27.6 (19.3-35.0)	61.0 (40.6-72.9)	23.6 (21.2-30.9)	0.035 (0.009-0.088)	5.05%	1.01%
	10. I.R.C. Village, Nayapalli	102	90 (31-324)	36 (13-189)	BDL (BDL-27.3)	25.2 (16.5-33.8)	57.7 (22.5-72.4)	29.6 (21.0-115.0)	0033 (0.004-0.068)	4.9%	0.98%
	11. Capital Police Station, Unit-I	86	107 (57-175)	32 (15-103)	BDL (BDL-18.0)	16.9 (11.4-37.5)	77.4 (61.8-125.1)	22.7 (20.1-26.4)	0.060 (BDL-0.1)	8.1%	1.16%
	12.Chandrasekharpur	89	100 (37-314)	32 (15-85)	BDL (BDL-7.9)	14.5 (10.5-21.5)	45.3 (37.2-71.2)	22.7 (21.0-58.0)	0.045 (0.01-0.09)	3.4%	5.0%
	13. Patrapada	95	101 (43-240)	37 (12-151)	BDL (BDL-20.6)	15.1 (10.8-28.8)	83.6 (26.5-71.0)	31.9 (10.0-37.0)	0.034 (0.004-0.107)	6.3%	1.05%
	14.Palasuni water works	49	113 (29-254)	43 (11-142)	BDL (BDL-8.4)	16.9 (10.4-35.1)	44.6 (29.0-79.4)	22.1 (13.6-29.6)	0.065 (0.012-0.189)	6.1%	4.08%

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			(values expressed in microgram per cubic meter)								
<b>Cuttack</b>											
6	15. Traffic Tower Badambadi,	105	92 (47-257)	46 (25-167)	BDL (BDL-6.5)	33.0 (28.3-38.0)	-	-	-	30.7%	5.7%
	16. R.O.SPCB Building, Surya Vihar	106	74 (43-176)	41 (21-140)	BDL (BDL-5.4)	28.4 (24.8-35.7)	-	-	-	16.8%	1.9%
	17.PHD office ,Barabati	106	76 (49-157)	41 (22-113)	BDL (BDL-BDL)	28.9 (25.9-36.8)	-	-	-	14.0%	5.6%
<b>Jharsuguda</b>											
7	18. RO Building,Cox Colony, Babubagicha,	102	87 (58-117)	48 (24-73)	12.6 (9.0-21.0)	19.9 (16.0-30.0)	-	-	-	30.4%	21.6%
<b>Kalinga Nagar</b>											
8	19.Over the roof of TATA Guest House	103	116 (74-212)	49 (35-116)	BDL (BDL- BDL)	10.6 (9.2-14.6)	-	-	-	80.6%	15.5%
	20.Over the roof of NINL Guest House	101	111 (71-290)	47 (32-100)	BDL (BDL- BDL)	9.7 (BDL-12.9)	-	-	-	76.2%	14.8%
	21.Roof of RO SPCB, building	93	112 (68-295)	45 (13-92)	BDL (BDL- BDL)	BDL (BDL-11.6)	-	-	-	52.7%	16.1%
<b>Keonjhar</b>											
9	22. R.O.SPCB, Baniapat	94	82 (15-187)	45 (7-111)	BDL (BDL- BDL)	14.2 (10.8-21.1)	-	-	-	45.7%	25.5%
<b>Konark</b>											
10	23. Konark Police station	100	94 (32-226)	40 (14-121)	BDL (BDL- BDL)	13.2 (BDL-22.3)	47.7 (25.0-78.5)	25.5 (21.2-76.0)	0.031 (0.007-0.067)	30.0%	22.0%
<b>Paradeep</b>											
11	24.PPL Guest House	87	97 (49-193)	34 (16-69)	22.7 (12.7-34.3)	12.9 (10.9-17.0)	-	-	-	37.3%	8.75%
	25. On the roof of IFFCO STP	88	117 (64-250)	41 (19-86)	21.9 (11.1-32.1)	12.7 (10.6-19.5)	-	-	-	56.8%	17.0%
	26. On the roof of Paradeep port trust	91	114 (53-248)	42 (18-120)	22.5 (13.0-43.1)	13.9 (10.9-21.8)	-	-	-	45.0%	21.3%

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			(values expressed in microgram per cubic meter)								
<b>Puri</b>											
12	27. Sadar police Station	99	88 (31-192)	26 (6-110)	BDL (BDL- BDL)	14.3 (10.0-28.1)	41.8 (34.6-68.2)	24.8 (22.8-28.4)	0.054 (0.01-0.183)	20.2%	8.1%
	28. Town police Station	93	100 (33-715)	27 (9-442)	BDL (BDL-10.1)	14.5 (10.1-31)	45.7 (34.6-134.2)	27.5 (21.0-70.0)	0.086 (0.01-0.2)	22.6%	2.1%
<b>Rayagada</b>											
13	29.R.O.SPCB Building, Indiranagar	103	57 (36-85)	33 (14-48)	BDL (BDL- 4.6)	20.3 (13.1-25.0)	-	-	-	Nil	Nil
	30. LPS High School, Jaykaypur	102	62 (34-86)	38 (16-58)	BDL (BDL- 5.3)	21.0 (14.6-26.4)	-	-	-	Nil	Nil
<b>Rajgangpur</b>											
14	31. DISIR, Rajgangpur	104	133 (47-250)	58 (11-152)	12.2 (4.9-29.6)	14.8 (9.0-34.6)	-	-	-	69.2%	38.5%
<b>Rourkela</b>											
15	32. R.O.SPCB building, Sector-5	103	91 (48-128)	38 (24-55)	BDL (BDL- 10.4)	13.6 (9.0-18.7)	-	-	-	13.6%	Nil
	33. IDL Outpost	105	88 (43-217)	46 (20-77)	5.9 (5.1-17.1)	10.6 (7.7-21.4)	-	-	-	19.0%	8.6%
<b>Sambalpur</b>											
16	34. PHD Office, Modipara	108	78 (70-92)	51 (40-64)	BDL (BDL- 4.6)	16.8 (13.3-19.3)	-	-	-	Nil	3.7%
<b>Prescribed Standard (24 hrly)</b>			<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>400</b>	<b>180</b> (1Hourly)	<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</b> (8Hourly)	<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>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

