

# Ambient Air Quality Status of different cities & towns of Odisha during -2021

Sl. No.	Area / Stations	No. of Obs (no of days)	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 monitoring Stations	Overall AQI of the City (with prominent pollutant)	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	105	92 (45-156)	41 (18-74)	10.1 (4.4-14.5)	25.8 (13.1-33.3)	38.3 (24.5-58.1)	20.9 (BDL-30.2)	0.029 (BDL-0.088)	34.2%	0.95%	92 (PM <sub>10</sub> )	95 (PM <sub>10</sub> )	Satisfactory
	2. NALCO Nagar, Angul	104	98 (57-246)	32 (16-88)	10.3 (5.7-23.2)	27.3 (15.6-35.6)	30.3 (20.8-47.3)	BDL (BDL-29.0)	0.033 (BDL-0.093)	49.0%	0.96%	98 (PM <sub>10</sub> )		
<b>Talcher</b>														
2	3. TTPS , Talcher	105	100 (57-195)	38 (20-87)	10.6 (7.4-15.6)	27.9 (25.5-32.8)	39.6 (34.9-46.9)	BDL (BDL-22.3)	0.035 (BDL-0.104)	46.6%	1.90%	100 (PM <sub>10</sub> )	106 (PM <sub>10</sub> )	Moderate
	4. MCL, Talcher	106	116 (52-184)	35 (17-77)	9.6 (6.7-15.6)	28.5 (16.3-33.4)	20.8 (BDL-40.7)	BDL (BDL-23.5)	0.036 (BDL-0.084)	77.3%	3.7%	111 (PM <sub>10</sub> )		
<b>Balasore</b>														
3	5. R.O, SPCB, Ganeswarpur	104	74 (53-97)	42 (30-54)	BDL (BDL- BDL)	10.6 (10.2-11.9)	25.9 (23.0-26.0)	23.4 (23.0-25.0)	NM	Nil	Nil	74 (PM <sub>10</sub> )	76 (PM <sub>10</sub> )	Satisfactory
	6. Oriplast, OT road, Balasore	104	74 (56-102)	43 (32-52)	BDL (BDL- BDL)	10.6 (10.1-11.7)	24.3 (23.0-26.0)	23.7 (23.0-25.0)		0.9%	NIL	74 (PM <sub>10</sub> )		
	7. Rasalpur, Industrial Estate	104	79 (58-99)	47 (34-57)	7.4 (6.9-8.5)	11.3 (10.8-12.0)	25.1 (24.0-27.0)	24.7 (24.0-26.0)		Nil	Nil	79 (PM <sub>10</sub> )		
<b>Berhampur</b>														
4	8. R.O, SPCB, Brahamanagar	104	63 (30-96)	25 (15-40)	BDL (BDL-7.7)	20.1 (15.1-28.4)	35.9 (29.0-43.4)	36.5 (29.1-50.7)	0.029 (BDL-0.093)	Nil	Nil	63 (PM <sub>10</sub> )	63 (PM <sub>10</sub> )	Satisfactory
<b>Bhubaneswar</b>														
5	9. SPCB Office Building, Unit-VIII	74	87 (38-172)	46 (22-65)	BDL (BDL- BDL)	16.4 (10.5-22.2)	37.5 (28.6-53.5)	25.0 (22.8-32.4)	0.023 (0.004-0.064)	35.1%	4.05%	87 (PM <sub>10</sub> )	101 (PM <sub>10</sub> )	Moderate
	10. I.R.C. Village, Nayapalli	49	89 (41-192)	25 (24-26)	BDL (BDL- BDL)	16.6 (9.9-20.0)	38.0 (32.5-45.2)	30.5 (23.4-47.9)	0.025 (0.006-0.068)	40.8%	Nil	89 (PM <sub>10</sub> )		
	11. Capital Police Station, Unit-I	49	109 (43-266)	33 (13-87)	BDL (BDL- 5.4)	17.4 (12.4-26.6)	43.2 (30.2-73.8)	31.5 (BDL-46.0)	0.035 (0.007-0.117)	48.9%	2.04%	106 (PM <sub>10</sub> )		
	12. Chandrasekharpur	84	107 (42-269)	35 (11-90)	BDL (BDL- 4.9)	16.0 (12.9-24.5)	39.2 (35.4-61.4)	30.0 (21.3-41.7)	0.034 (0.009-0.088)	30.9%	5.95%	105 (PM <sub>10</sub> )		
	13. Khandagiri Police Station	84	106 (56-366)	34 (15-56)	BDL (BDL- 5.0)	15.1 (11.7-20.0)	43.4 (32.5-56.2)	28.0 (21.2-34.1)	0.030 (0.005-0.100)	44.0%	Nil	104 (PM <sub>10</sub> )		
	14. Palasuni water works	84	123 (64-243)	44 (12-144)	BDL (BDL- BDL)	18.9 (14.1-23.9)	55.5 (43.8-70.6)	27.4 (25.1-30.0)	0.023 (0.006-0.067)	20.2%	25%	115 (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. Bonai Govt. Hospital	107	94 (51-129)	37 (14-60)	9.1 (4.9-18.2)	12.3 (9.7-22.3)	23.1 (21.7-30.0)	23.1 (21.2-30.5)	0.020 (BDL-0.320)	38.3%	Nil	94 (PM <sub>10</sub> )	<b>94</b> (PM <sub>10</sub> )	Satisfactory
7	<b>Cuttack</b>													
	16. Hotel Bishal Inn, Near Badambadi	97	95 (58-143)	38 (18-92)	BDL (BDL- 6.7)	18.1 (14.0-24.1)	34.2 (25.0-80.5)	30.5 (BDL-43.5)	0.045 (BDL-0.100)	16.4%	9.2%	95 (PM <sub>10</sub> )	<b>90</b> (PM <sub>10</sub> )	Satisfactory
	17. R.O.SPCB Building, Surya Vihar	103	90 (56-129)	36 (18-64)	BDL (BDL- 6.9)	19.2 (15.1-24.5)	34.4 (26.5-77.7)	27.7 (BDL-61.5)	0.035 (BDL-0.106)	39.8%	4.8%	90 (PM <sub>10</sub> )		
	18.PHD office ,Barabati	103	84 (50-133)	33 (18-71)	BDL (BDL- 6.5)	17.6 (12.5-25.0)	29.1 (20.3-79.3)	23.8 (BDL-49.0)	0.031 (BDL-0.110)	27.1%	0.97%	84 (PM <sub>10</sub> )		
19. RO Building,Cox Colony, Babubagicha,	105	102 (68-138)	55 (32-73)	8.0 (5.3-14.1)	12.3 (9.8-16.8)	22.6 (BDL-60.8)	BDL (BDL-27.4)	0.034 (BDL-0.162)	54.2%	40.9%	101 (PM <sub>10</sub> )			
20.Inside TRL Colony Premises	105	107 (73-129)	57 (35-75)	8.9 (5.2-14.0)	15.8 (12.3-18.0)	25.2 (BDL-31.6)	26.2 (BDL-32.6)	0.030 (BDL-0.136)	71.4%	42.8%	105 (PM <sub>10</sub> )			
9	<b>Kalinga Nagar</b>													
	21. BRPL Guest House(Near TATA Guest House)	11	112 (53-135)	Not Monitored	BDL (BDL- BDL)	13.9 (12.4-15.4)	33.9 (32.7-35.1)	21.0 (20.8-21.3)	0.007 (BDL-0.019)	54.5%	NM	108 (PM <sub>10</sub> )	<b>116</b> (PM <sub>10</sub> )	Moderate
	22. RO SPCB, building	18	120 (61-145)	69 (37-87)	BDL (BDL- 5.4)	14.8 (13.1-19.4)	34.3 (33.5-36.3)	21.2 (20.9-21.4)	0.038 (0.005-0.076)	77.7%	83.3%	130 (PM <sub>2.5</sub> )		
23.DET Hostel Tata Steel	82	115 (74-147)	Not Monitored	BDL (BDL- BDL)	16.7 (13.2-18.1)	42.7 (33.2-52.2)	21.6 (21.0-22.3)	0.030 (BDL-0.114)	86.5%	NM	110 (PM <sub>10</sub> )			
10	<b>Keonjhar</b>													
	24. R.O.SPCB, Baniapat	103	77 (31-143)	29 (24-34)	BDL (BDL- BDL)	13.4 (11.4-17.9)	44.3 (BDL-71.3)	NM	0.035 (BDL-0.084)	23.3%	Nil	77 (PM <sub>10</sub> )	<b>77</b> (PM <sub>10</sub> )	Satisfactory
11	<b>Konark</b>													
	25. Konark Police station	57	54 (49-61)	NM	BDL (BDL- BDL)	13.4 (12.6-14.4)	37.2 (33.6-39.6)	21.7 (21.3-23.0)	0.016 (0.003-0.054)	1.75%	NM	54 (PM <sub>10</sub> )	<b>54</b> (PM <sub>10</sub> )	Satisfactory
12	<b>Paradeep</b>													
	26.PPL Guest House	104	114 (46-258)	NM	16.6 (12.5-27.6)	10.7 (BDL-18.3)	137 (98-163)	45.3 (30.2-72.4)	0.029 (BDL-0.160)	41.3%	NM	109 (PM <sub>10</sub> )	<b>109</b> (PM <sub>10</sub> )	Moderate
	27. IFFCO STP	104	116 (46-292)	NM	16.6 (10.3-24.4)	11.1 (BDL-17.4)	135 (115-159)	45.4 (31.8-74.2)	0.034 (BDL-0.140)	41.3%	NM	111 (PM <sub>10</sub> )		
28. Paradeep port trust	104	111 (42-276)	53 (28-72)	15.6 (11.0-26.4)	11.1 (BDL-17.9)	131 (104-175)	42 (27.3-72.4)	0.031 (BDL-0.100)	<b>39.4%</b>	<b>3.8%</b>	107 (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)														
<b>Puri</b>														
13	29. Sadar police Station	70	<b>88</b> (33-160)	NM	BDL (BDL-BDL)	13.8 (9.2-20.0)	41.8 (36.6-54.7)	24.8 (BDL-32.3)	0.027 (0.005-0.127)	20%	NM	88 (PM <sub>10</sub> )	<b>97</b> (PM <sub>10</sub> )	<b>Satisfactory</b>
	30. Town police Station	13	107 (99-114)	NM	BDL (BDL-BDL)	15.4 (14.8-16.1)	50.4 (48.3-51.9)	BDL (BDL-20.6)	0.033 (0.005-0.096)	84.6%	NM	105 (PM <sub>10</sub> )		
<b>Rayagada</b>														
14	31.R.O.SPCB Building, Indiranagar	103	<b>67</b> (35-107)	32 (16-71)	4.0 (BDL-9.3)	15.3 (12.0-20.5)	28.2 (25.0-35.0)	22.9 (20.1-32.2)	0.016 (BDL-0.072)	0.97%	0.97%	67 (PM <sub>10</sub> )	<b>69</b> (PM <sub>10</sub> )	<b>Satisfactory</b>
	32. LPS High School, Jaykaypur	103	71 (39-102)	35 (18-63)	4.9 (BDL-8.8)	15.8 (10.5-19.3)	29.9 (27.0-36.0)	23.4 (20.8-30.1)	0.029 (BDL-0.065)	0.97%	0.97%	71 (PM <sub>10</sub> )		
<b>Rajgangpur</b>														
15	33. DISIR, Rajgangpur	107	129 (61-213)	42 (13-98)	9.9 (6.6-16.1)	16.1 (12.8-10.9)	22.5 (23.5-22.6)	23.0 (21.8-26.3)	0.041 (BDL-0.350)	85%	8.41%	119 (PM <sub>10</sub> )	<b>119</b> (PM <sub>10</sub> )	<b>Moderate</b>
<b>Rourkela</b>														
16	34. R.O.SPCB building, Sector-5	106	139 (77-531)	47 (28-316)	8.8 (6.0-20.2)	12.3 (10.1-26.2)	24.1 (21.3-36.4)	23.5 (20.5-38.2)	0.034 (BDL-0.204)	96.2%	3.77%	126 (PM <sub>10</sub> )	<b>116</b> (PM <sub>10</sub> )	<b>Moderate</b>
	35. IDL Outpost	106	91 (62-121)	53 (31-73)	8.4 (5.3-19.1)	12.0 (10.4-23.1)	23.9 (21.3-29.7)	23.4 (20.9-28.3)	0.025 (BDL-0.103)	17.9%	5.6%	91 (PM <sub>10</sub> )		
	36. IDCO Water Tank, IDC Kalunga	106	136 (86-245)	45 (13-80)	9.5 (5.7-17.5)	12.3 (10.2-23.3)	24.0 (21.8-28.7)	23.5 (21.4-29.2)	0.057 (BDL-0.125)	83%	6.6%	124 (PM <sub>10</sub> )		
	37. Kuarmunda Out Post, Kuarmunda	106	134 (67-255)	45 (19-68)	9.8 (6.1-18.6)	13.0 (9.8-20.6)	24.2 (20.3-30.2)	24.0 (20.3-30.0)	0.025 (BDL-0.130)	66.2%	6.6%	123 (PM <sub>10</sub> )		
<b>Sambalpur</b>														
17	38. PHD Office, Modipara	104	103 (32-191)	42 (15-78)	6.7 (4.4-9.8)	24.9 (21.0-32.5)	23.6 (20.2-31.5)	BDL (BDL-29.7)	0.027 (BDL-0.090)	50.9%	21.1%	102 (PM <sub>10</sub> )	<b>102</b> (PM <sub>10</sub> )	<b>Moderate</b>
<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>1.0</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>0.5</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>-Am monia, O<sub>3</sub>– Ozone & Pb-Lead,

> 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> & NM- Not monitored

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

