

Ambient Air Quality Status of different cities & towns of Odisha during -2019

Sl. No.	Area / Stations	No. of Obs (24 hrs)	Annual Average Value (24hourly range) except O ₃ 1-hourly range)							% of violation of data from 24 hourly standard		Yearly AQI of the monitoring Stations	Overall AQI of the City	Category
			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	Pb	PM ₁₀	PM _{2.5}			
			(values expressed in Microgram per cubic meter)											
Angul														
1	1. RO SPCB, Angul	102	107 (48-189)	55 (21-87)	11.3 (5.9-19.4)	26.6 (17.9-32.6)	27.1 (16.8-40.6)	25.0 (17.8-33.8)	Not Monitored	57.8%	38.2%	105 (PM ₁₀)	98 (PM ₁₀)	Satisfactory
	2. NALCO Nagar, Angul	102	91 (34-223)	40 (15-64)	9.8 (8.4-15.5)	26.3 (21.7-34.2)	Not Monitored			36.2%	3.9%	91 (PM ₁₀)		
Talcher														
2	3. TTPS , Talcher	104	93 (35-209)	44 (12-125)	10.6 (5.8-14.0)	28.5 (23.6-33.3)	Not Monitored			32.6%	23.0%	93 (PM ₁₀)	102 (PM ₁₀)	Moderate
	4.MCL, Talcher	104	118 (54-207)	49 (19-93)	9.7 (7.6-13.8)	27.9 (22.0-35.0)	Not Monitored			69.2%	32.6%	112 (PM ₁₀)		
Balasore														
3	5. R.O, SPCB, Ganeswarpur	104	84 (69-103)	45 (30-62)	BDL (BDL- BDL)	10.8 (10.1-12.2)	30.4 (25.0-44.0)	26.5 (23.0-34.9)	Not Monitored	0.96%	0.96%	84 (PM ₁₀)	86 (PM ₁₀)	Satisfactory
	6. DIC office, Angaragadia	104	84 (69-113)	43 (30-70)	BDL (BDL- BDL)	10.7 (10.1-12.9)	30.7 (25.0-45.1)	26.4 (22.0-35.4)		0.96%	0.96%	84 (PM ₁₀)		
	7.Rasalpur,Industrial Estate	104	89 (76-115)	50 (34-75)	7.4 (6.4-9.0)	11.4 (10.5-13.6)	32.4 (26.0-50.5)	28.1 (23.0-39.8)		1.9%	4.8%	89 (PM ₁₀)		
Berhampur														
4	8. R.O, SPCB, Brahamanagar	106	64 (34-151)	26 (11-70)	BDL (BDL- 10.5)	19.1 (13.0-45.6)	39.3 (25.0-58.7)	35.7 (22.2-48.5)	Not Monitored	7.5%	0.94%	64 (PM ₁₀)	64 (PM ₁₀)	Satisfactory
Bhubaneswar														
5	9. SPCB Office Building, Unit-VIII	104	99 (47-218)	29 (14-110)	BDL (BDL- 4.3)	15.6 (11.4-22.0)	40.1 (29.3-65.9)	23.8 (20.5-30.7)	0.027 (BDL-0.095)	41.3%	1.9%	99 (PM ₁₀)	97 (PM ₁₀)	Satisfactory
	10. I.R.C. Village, Nayapalli	105	104 (41-234)	33 (10-129)	BDL (BDL- 4.9)	16.5 (11.5-23.5)	41.9 (26.9-66.7)	24.5 (21.4-33.4)	0.027 (BDL-0.097)	40.3%	5.7%	103 (PM ₁₀)		
	11. Capital Police Station, Unit-I	104	109 (67-206)	26 (16-37)	BDL (BDL- 7.1)	19.3 (10.7-36.6)	44.3 (29.6-69.6)	23.7 (BDL-37.9)	0.018 (BDL-0.047)	53.8%	Nil	106 (PM ₁₀)		
	12.Chandrasekharpur	99	95 (42-244)	30 (12-83)	BDL (BDL- 5.7)	15.0 (12.6-22.0)	38.6 (27.3-56.4)	24.6 (20.7-30.6)	0.022 (BDL-0.121)	28.2%	1.01%	95 (PM ₁₀)		
	13. Patrapada	102	95 (38-237)	29 (14-56)	BDL (BDL- 4.3)	14.5 (11.6-28.0)	42.6 (25.6-71.0)	23.7 (21.0-32.7)	0.015 (BDL-0.04)	40.1%	Nil	95 (PM ₁₀)		
	14.Palasuni water works	87	86 (43-126)	29 (10-59)	BDL (BDL- 6.9)	15.6 (10.2-28.7)	49.9 (37.7-85.9)	26.3 (21.5-31.0)	0.026 (BDL-0.124)	25.2%	Nil	86 (PM ₁₀)		

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			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	Pb	PM ₁₀	PM _{2.5}			
			(values expressed in microgram per cubic meter)											
6	Bonaigarh													
	15. Bonai Govt. Hospital	105	118 (58-209)	51 (24-89)	9.0 (5.3-17.0)	15.6 (10.6-28.8)	Not Monitored			60.0%	23.8%	112 (PM ₁₀)	112 (PM ₁₀)	Moderate
7	Cuttack													
	16. Hotel Bishal Inn, Near Badambadi	70	98 (51-235)	37 (18-97)	5.3 (BDL-8.1)	19.4 (13.9-31.1)	29.9 (17.9-64.4)	25.7 (19.7-32.5)	Not Monitored	30.0%	1.4%	98 (PM ₁₀)	100 (PM ₁₀)	Satisfactory
	17. R.O.SPCB Building, Surya Vihar	103	98 (54-224)	48 (24-106)	5.2 (BDL-9.2)	21.4 (14.1-37.5)	29.4 (BDL-83.2)	25.8 (20.6-30.1)	Not Monitored	63.4%	20.3%	98 (PM ₁₀)		
	18.PHD office ,Barabati	103	106 (58-362)	45 (25-113)	BDL (BDL- 8.9)	17.8 (13.2-33.0)	23.9 (BDL-35.7)	22.0 (BDL-28.8)	Not Monitored	32.0%	13.5%	104 (PM ₁₀)		
Jharsuguda														
8	19. RO Building,Cox Colony, Babubagicha,	108	106 (79-160)	51 (35-93)	7.1 (5.6-30)	12.7 (10.6-43.5)	Not Monitored			69.0%	19.0%	104 (PM ₁₀)	102 (PM ₁₀)	Moderate
	20.Inside TRL Colony Premises	105	102 (92-145)	39 (29-71)	7.9 (4.8-22.8)	17.3 (10.6-27.4)				57.0%	1.0%	101 (PM ₁₀)		
9	Kalinga Nagar													
	21. BRPL Guest House(Near TATA Guest House)	81	105 (27-438)	Not Monitored	BDL (BDL-4.9)	16.3 (10.5-27.2)	Not Monitored			62.9%	Nil	103 (PM ₁₀)	102 (PM ₁₀)	Moderate
	22. RO SPCB, building	63	117 (46-226)		BDL (BDL- 4.8)	17.6 (10.5-26.8)	48.7 (44.1-53.2)	Not Monitored		63.4%	Nil	111 (PM ₁₀)		
23.DET Hostel Tata Steel (Previous at NINL)	02	93 (67-118)	BDL (BDL- BDL)		16.6 (16.1-17.0)	Not Monitored			50%(1/2)	Nil	93 (PM ₁₀)			
10	Keonjhar													
	24. R.O.SPCB, Baniapat	99	104 (24-216)	29 (20-40)	BDL (BDL- BDL)	14.3 (11.6-25.1)	61.1 (36.6-99.2)	Not Monitored		59.5%	Nil	103 (PM ₁₀)	103 (PM ₁₀)	Moderate
11	Konark													
	25. Konark Police station	103	70 (50-102)	Not Monitored	BDL (BDL- BDL)	13.1 (10.9-18.6)	39.6 (29.7-55.2)	23.4 (21.7-27.9)	0.008 (BDL-0.025)	0.97%	Nil	70 (PM ₁₀)	70 (PM ₁₀)	Satisfactory
12	Paradeep													
	26.PPL Guest House	101	147 (76-342)	Not Monitored	18.0 (9.2-26.0)	9.4 (BDL-20.4)	Not Monitored			80.1%	Nil	131 (PM ₁₀)	128 (PM ₁₀)	Moderate
	27. IFFCO STP	83	137 (69-316)		19.2 (14.4-26.9)	9.1 (BDL-12.2)			74.6%	Nil	125 (PM ₁₀)			
	28. Paradeep port trust	101	144 (72-343)		54 (23-169)	18.2 (9.6-30.1)	10.2 (BDL-15.8)			85.1%	13.8%	129 (PM ₁₀)		

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			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	Pb	PM ₁₀	PM _{2.5}			
			(values expressed in microgram per cubic meter)											
13	Puri												106 (PM ₁₀)	Moderate
	29. Sadar police Station	46	111 (87-141)	Not Monitored	BDL (BDL- BDL)	15.3 (13.2-17.5)	56.3 (43.6-69.6)	22.0 (21.4-23.0)	0.007 (BDL-0.021)	76.0%	Nil	107 (PM ₁₀)		
	30. Town police Station	76	108 (87-163)	21 (12-91)	BDL (BDL- 5.3)	15.2 (12.6-22.4)	60.1 (41.3-78.1)	22.2 (21.2-26.5)	0.012 (BDL-0.023)	60.5%	1.3%	105 (PM ₁₀)		
14	Rayagada												64 (PM ₁₀)	Satisfactory
	31.R.O.SPCB Building, Indiranagar	104	63 (18-112)	32 (10-91)	BDL (BDL- 11.6)	16.7 (11.2-21.6)	Not Monitored			2.8%	1.9%	63 (PM ₁₀)		
	32. LPS High School, Jaykaypur	104	66 (15-118)	35 (09-66)	BDL (BDL- 9.4)	16.9 (11.5-21.2)				0.96%	0.96%	66 (PM ₁₀)		
15	Rajgangpur												133 (PM ₁₀)	Moderate
	33. DISIR, Rajgangpur	105	149 (73-278)	59 (31-93)	11.5 (5.6-22.6)	19.2 (10.8-37.2)	Not Monitored			77.1%	38.0%	133 (PM ₁₀)		
16	Rourkela												113 (PM ₁₀)	Moderate
	34. R.O.SPCB building, Sector-5	105	87 (52-178)	37 (20-88)	7.6 (BDL-15.9)	14.4 (BDL-21.9)	Not Monitored			5.71%	1.90%	87 (PM ₁₀)		
	35. IDL Outpost	106	89 (73-160)	51 (40-93)	6.0 (5.4-14.5)	10.9 (9.7-22.7)				12.2%	9.4%	89 (PM ₁₀)		
	36. IDCO Water Tank, IDC Kalunga	105	174 (78-242)	47 (17-79)	12.3 (6.3-15.8)	17.5 (9.5-26.3)				84.7%	27.6%	149 (PM ₁₀)		
37. Kuarmunda Out Post, Kuarmunda	105	142 (55-213)	52 (24-93)	7.6 (4.4-13.6)	12.0 (9.5-21.9)	80.9%				36.1%	128 (PM ₁₀)			
17	Sambalpur												92 (PM ₁₀)	Satisfactory
	38. PHD Office, Modipara	105	92 (29-266)	48 (19-165)	5.5 (BDL-35.6)	23.9 (18.0-46.2)	19.5 (BDL-39.6)	15.6 (BDL-37.1)	Not Monitored	41.9%	14.2%	92 (PM ₁₀)		
Prescribed Standard (24 hrly)			100	60	80	80	400	180 (1Hourly)	0.5					
Standard for Annual Avg. Value			60	40	50	40	100	100 (8Hourly)	1.0					

N.B:BDL- Below Detectable Limit, PM₁₀ – Particulate Matter ≤ 10 µ size , PM_{2.5} – Particulate Matter ≤ 2.5 µ size SO₂ – Sulphur Dioxide, NO₂ - Oxides of Nitrogen, NH₃-Ammonia, O₃– Ozone & Pb-Lead,
 > BDL Value for SO₂ ≤4 µg/m³, NO₂ ≤ 9 µg/m³, NH₃ ≤10 µg/m³, O₃ ≤10 µg/m³, Pb ≤0.0022 µg/m³, PM₁₀ ≤ 5 µg/m³, PM_{2.5} ≤ 2 µg/m³
 No percentage of violation of data from 24 hourly average for all monitored gaseous pollutants like SO₂, NO₂, NH₃, O₃, & Pb

