

Ambient Air Quality Status of different cities & towns of Odisha during -2024

Sl. No.	Area with no of Stations	No. of Obs (no of days monitored)	Annual Average Value (24hourly range) except O ₃ 8-hourly range)						% of violation from 24 hourly standard		Yearly AQI of the monitoring Stations	Overall AQI of the City (with prominent)	Category
			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}			
			(values expressed in Microgram per cubic meter)										
1	Angul (03)												
	1. SPCB Office Building	105	123 (32-331)	57 (17-145)	11.2 (4.1-27.1)	17.9 (BDL-32.9)	21.1 (BDL-51.3)	20.4 (BDL-54.0)	65.7%	36.1%	115(PM ₁₀)	108 (PM ₁₀)	Moderate
	2. NALCO Nagar	105	103 (39-184)	41 (14-87)	12.4 (BDL-20.8)	18.4 (9.1-28.5)	21.4 (BDL-35.6)	BDL (BDL-37.1)	50.4%	2.8%	102(PM ₁₀)		
	3. Sikshyakapada	105	110 (38-171)	53 (25-106)	13.4 (BDL-26.6)	23.1 (BDL-33.1)	38.2 (BDL-84.0)	21.4 (BDL-51.1)	64.7%	33.3%	107(PM ₁₀)		
2	Talcher(03)												
	4. TTPS , Talcher	102	111 (26-218)	50 (18-94)	10.6 (6.7-17.6)	24.7 (14.1-32.8)	34.0 (24.7-42.6)	BDL (BDL-25.9)	58.8%	25.4%	107(PM ₁₀)	107 (PM ₁₀)	Moderate
	5. MCL, Talcher	102	122 (42-248)	48 (18-111)	10.6 (4.6-18.8)	26.4 (13.0-33.2)	35.8 (BDL-45.1)	BDL (BDL-25.5)	74.5%	17.6%	115(PM ₁₀)		
	6. Champapasi village	103	98 (32-230)	41 (14-87)	10.5 (5.8-17.6)	24.3 (12.3-32.6)	32.9 (BDL-41.6)	BDL (BDL-28.3)	41.3%	9.7%	98(PM ₁₀)		
3	Balasore(03)												
	7. SPCB Office Building , Ganeswarpur	102	99 (51-175)	50 (21-97)	5.2 (BDL-8.5)	10.9 (9.3-14.6)	23.4 (22.0-25.0)	23.8 (22.0-26.0)	47.0%	19.6%	99(PM ₁₀)	96 (PM ₁₀)	Satisfactory
	8. Oriplast premises	102	83 (47-134)	42 (21-81)	BDL (BDL-5.6)	10.5 (9.5-12.0)	22.9 (22.0-24.0)	23.2 (22.0-25.0)	18.6%	11.7%	83(PM ₁₀)		
	9. Rasulpur	103	105 (59-165)	54 (26-91)	7.2 (5.1-11.6)	11.6 (10.5-12.7)	24.1 (23.0-26.0)	24.6 (23.0-26.0)	52.4%	31.0%	103(PM ₁₀)		
4	Bhadrak(02)												
	10. Municipality Office	73	83 (52-119)	35 (22-54)	BDL (BDL-6.6)	10.2 (9.7-12.6)	-	-	9.5%	-	83(PM ₁₀)	83 (PM ₁₀)	Satisfactory
	11. DP officers club	73	83 (55-113)	37 (22-58)	BDL (BDL-6.6)	10.7 (9.5-11.4)	-	-	10.9%	-	83(PM ₁₀)		
5	Berhampur(03)												
	12. R.O, SPCB, Brahamanagar	105	81 (23-221)	46 (11-142)	BDL (BDL-21.7)	17.3 (14.5-30.7)	31.8 (26.5-53.0)	28.3 (BDL-37.3)	32.3%	26.6%	81(PM ₁₀)	73 (PM ₁₀)	Satisfactory
	13. Bada Bazar P. S	68	70 (22-165)	38 (12-87)	BDL (BDL-6.1)	16.2 (11.7-19.9)	-	-	23.5%	23.5%	70(PM ₁₀)		
14. Gosaninuagaon P.S.	65	69 (22-160)	37 (11-81)	BDL (BDL-5.6)	16.2 (14.1-18.7)	-	-	24.6%	20%	69(PM ₁₀)			
6	Kandhamal(02)												
	15. G. Udayagiri	105	62 (18-112)	29 (11-58)	BDL (BDL-7.6)	16.3 (13.9-18.6)	-	-	4.76%	-	62(PM ₁₀)	52 (PM ₁₀)	Satisfactory
16. Phulbani	105	42 (21-126)	31 (11-61)	BDL (BDL-9.3)	16.2 (13.1-20.0)	-	-	7.6%	0.9%	52(PM _{2.5})			
7	Bhubaneswar(06)												
	17. SPCB Office Building, Unit-VIII	111	108 (33-285)	41 (10-115)	BDL (BDL-16.6)	15.6 (12.4-22.8)	43.6 (31.9-54.3)	27.2 (23.8-34.9)	43.2%	12.6%	105(PM ₁₀)	104 (PM ₁₀)	Moderate
	18. I.R.C. Village, Nayapalli	109	86 (23-200)	38 (13-99)	BDL (BDL-BDL)	13.9 (11.2-19.9)	40.3 (32.6-104.0)	25.8 (22.9-29.3)	35.7%	14.6%	86(PM ₁₀)		
	19. Capital Police Station, Unit-I	112	109 (27-238)	41 (13-107)	BDL (BDL-7.5)	15.6 (11.0-22.0)	49.3 (36.4-206.4)	27.1 (BDL-31.4)	42.8%	19.6%	106(PM ₁₀)		
	20. Chandrasekharpur	109	114 (21-238)	42 (7-113)	BDL (BDL-9.2)	14.2 (19.1-23.3)	42.9 (26.0-89.9)	23.3 (BDL-33.6)	38.5%	23.8%	109(PM ₁₀)		
	21. Khandagiri Police Station	109	135 (36-277)	54 (17-109)	BDL (BDL-BDL)	18.1 (11.2-22.9)	41.4 (27.8-76.1)	27.9 (24.1-31.8)	55.0%	30.2%	123(PM ₁₀)		
22. Palasuni water works	110	84 (87-223)	40 (13-102)	BDL (BDL-13.8)	15.4 (11.0-20.3)	39.6 (26.1-160.0)	27.8 (24.2-32.0)	34.5%	17.2%	84(PM ₁₀)			

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			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}			
			(values are expressed in microgram per cubic meter)										
8	Bonaigarh (01)												
	23. Bonai Govt. Hospital	106	115 (65-178)	44 (26-89)	12.4 (9.9-22.5)	15.2 (12.1-24.9)	25.3 (22.0-34.6)	27.2 (23.0-34.4)	81.1%	0.94%	110(PM ₁₀)	110(PM ₁₀)	Moderate
9	Bolangir(02)												
	24. SPCB Office, Palace line	48	69 (53-94)	33 (21-46)	5.2 (4.2-9.8)	22.8 (20.2-27.6)	-	-	-	-	69(PM ₁₀)	68 (PM ₁₀)	Satisfactory
	25.DFO office	40	67 (57-90)	35 (23-46)	5.2 (4.3-9.8)	23.0 (19.8-27.6)	-	-	-	-	67(PM ₁₀)		
10	Cuttack(03)												
	26. Hotel Bishal Inn, Near Badambadi	104	89 (39-173)	41 (20-78)	5.0 (BDL-13.6)	20.2 (15.0-26.0)	39.9 (32.0-48.0)	38.3 (29.0-46.9)	36.5%	19.2%	89(PM ₁₀)	92 (PM ₁₀)	Satisfactory
	27. R.O.SPCB Building, Surya Vihar	104	95 (47-184)	42 (21-76)	5.4 (BDL-13.3)	21.9 (18.1-25.1)	48.4 (33.6-62.6)	44.2 (30.9-56.6)	36.5%	19.2%	95(PM ₁₀)		
	28.PHD office ,Barabati	104	91 (47-182)	39 (21-71)	BDL (BDL-8.9)	20.3 (13.8-30.0)	38.3 (31.8-58.7)	35.8 (26.8-43.2)	32.6%	16.3%	91(PM ₁₀)		
11	Jharsuguda(03)												
	29. RO Building, Cox Colony, Babubagicha,	104	117 (69-181)	55 (29-90)	9.4 (7.5-34.2)	13.7 (10.9-29.6)	23.9 (BDL-35.4)	20.5 (BDL-28.0)	73.0%	44.2%	111(PM ₁₀)	110 (PM ₁₀)	Moderate
	30.Inside TRL Colony Premises	104	110 (22-159)	59 (30-103)	8.3 (7.0-20.2)	14.7 (13.1-22.3)	24.8 (20.7-35.4)	22.2 (BDL-28.0)	75.9%	52.8%	107(PM ₁₀)		
31. Maa Samaleswari Nagar, Brundamal, Jharsuguda	104	119 (81-182)	59 (29-78)	8.3 (6.4-11.6)	13.4 (12.2-16.6)	22.9 (BDL-31.0)	BDL (BDL-25.2)	55.8%	36.2%	113(PM ₁₀)			
12	Kalinga Nagar(03)												
	32. BRPL Guest House(Near TATA Guest House)	94	104 (34-281)	55 (14-140)	7.0 (5.3-15.1)	12.5 (BDL-17.5)	26.7 (BDL-76.1)	24.8 (22.7-35.2)	51.0%	40.4%	103(PM ₁₀)	106 (PM ₁₀)	Moderate
	33. RO SPCB, building	98	103 (33-182)	54 (26-108)	6.7 (BDL-13.2)	13.9 (9.8-16.9)	28.7 (BDL-39.0)	24.3 (BDL-33.2)	50.0%	32.6%	102(PM ₁₀)		
34.DET Hostel Tata Steel	88	120 (59-216)	68 (13-127)	8.1 (5.3-14.2)	17.3 (15.1-22.1)	27.6 (23.6-36.4)	21.6 (BDL-25.7)	80.6%	77.2%	113(PM ₁₀)			
13	Keonjhar(01)												
	35. R.O.SPCB, Baniapat	102	90 (22-179)	52 (13-118)	BDL (BDL-8.2)	13.6 (6.6-21.4)	39.4 (22.5-58.8)	-	48.0%	33.3%	90(PM ₁₀)	90 (PM ₁₀)	Satisfactory
14	Konark(01)												
	36. Konark Police station	107	64 (23-147)	29 (13-58)	BDL (BDL-BDL)	12.1 (10.0-21.1)	31.4 (23.0-41.1)	24.5 (21.7-28.1)	11.2%	-	64(PM ₁₀)	67 (PM ₁₀)	Satisfactory
	37. Jagannath Temple (1264)	107	69 (28-148)	31 (14-68)	BDL (BDL-BDL)	11.9 (10.2-14.6)	30.8 (20.6-41.3)	24.4 (20.4-26.3)	18.6%	2.8%	69(PM ₁₀)		
38.RWSS Office(1265)	67	67 (27-180)	28 (13-59)	BDL (BDL-BDL)	13.0 (10.5-22.1)	37.6 (26.4-45.3)	24.9 (22.6-26.6)	20.8%	-	67(PM ₁₀)			
15	Paradeep(03)												
	39.PPL Guest House	104	85 (44-241)	44 (16-128)	12.6 (7.1-19.1)	11.5 (BDL-20.1)	71.0 (31.6-123)	BDL (BDL-29.4)	29.8%	21.1%	85(PM ₁₀)	85 (PM ₁₀)	Satisfactory
	40. IFFCO STP	104	85 (41-202)	43 (18-93)	14.0 (BDL-20.8)	11.5 (BDL-16.4)	95.0 (39.3-145.0)	BDL (BDL-31.7)	28.8%	20.1%	85(PM ₁₀)		
41. Paradeep port trust	104	84 (37-212)	44 (19-131)	12.6 (BDL-24.3)	10.9 (BDL-18.8)	68.6 (25.1-119.0)	BDL (BDL-29.5)	25%	17.3%	84(PM ₁₀)			

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			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}			
			(values are expressed in microgram per cubic meter)										
16	Puri												
	42. Sadar police Station	111	82 (29-142)	20 (10-38)	BDL (BDL-BDL)	11.6 (BDL-18.5)	41.9 (34.1-46.4)	BDL (BDL-25.6)	39.6%	-	82(PM ₁₀)	72 (PM ₁₀)	Satisfactory
	43. Town police Station	110	80 (27-137)	20 (10-36)	BDL (BDL-BDL)	11.4 (9.3-16.9)	41.5 (34.7-44.7)	BDL (BDL-24.3)	37.2%	-	80(PM ₁₀)		
	44.Sakhigopal (Rural)	65	54 (19-131)	22 (13-42)	BDL (BDL-BDL)	14.2 (11.4-24.3)	39.2 (32.3-44.2)	22.8 (21.6-28.6)	0.6%	-	54(PM ₁₀)		
Rayagada													
17	45.R.O.SPCB Building, Indiranagar	105	61 (36-168)	32 (20-87)	8.4 (BDL-15.6)	21.9 (17.5-36.1)	35.6 (26.0-50.0)	30.0 (BDL-47.6)	0.95%	1.90%	61(PM ₁₀)	63 (PM ₁₀)	Satisfactory
	46. LPS High School, Jaykaypur	57	65 (37-85)	38 (20-54)	10.9 (4.1-19.1)	28.3 (18.8-26.1)	38.1 (28.0-50.0)	29.7 (BDL-37.1)	-	-	65(PM ₁₀)		
18	Rajgangpur												
	47. DISIR, Rajgangpur	105	95 (38-196)	41 (21-97)	12.0 (7.0-14.8)	15.8 (10.4-20.0)	22.7 (20.4-24.4)	24.7 (23.3-26.7)	40.9%	4.7%	95(PM ₁₀)	95 (PM ₁₀)	Satisfactory
19	Rourkela												
	48. R.O.SPCB building, Sector-5	105	88 (34-188)	39 (10-88)	12.1 (10.4-23.8)	14.1 (12.3-26.0)	24.3 (21.4-36.9)	25.9 (21.4-38.6)	46.6%	9.5%	88(PM ₁₀)	113 (PM ₁₀)	Moderate
	49. IDL Outpost	105	119 (51-169)	51 (32-87)	11.8 (8.6-11.2)	14.4 (11.2-24.2)	26.4 (20.6-36.8)	27.0 (21.9-38.3)	72.3%	18.0%	113(PM ₁₀)		
	50. IDCO Water Tank, IDC Kalunga	105	140 (56-260)	45 (19-118)	10.8 (9.2-13.8)	13.1 (11.5-18.8)	23.1 (21.1-26.4)	25.6 (22.9-33.7)	85.7%	5.7%	127(PM ₁₀)		
51. Kuarmunda Out Post, Kuarmunda	105	134 (53-300)	38 (12-93)	11.1 (9.1-13.6)	13.2 (11.3-35.9)	23.4 (21.3-25.9)	25.1 (22.5-28.5)	77.1%	10.4%	123(PM ₁₀)			
20	Sambalpur												
	52. PHD Office, Modipara	106	106 (36-267)	44 (13-104)	6.8 (4.2-25.7)	25.4 (19.4-41.5)	20.1 (BDL-35.2)	BDL (BDL-31.7)	47.1%	29.2%	104(PM ₁₀)	105 (PM ₁₀)	Moderate
	53.Bareipali I.E(1267)	70	130 (51-258)	51 (19-96)	7.6 (4.5-22.6)	25.3 (21.3-37.8)	-	-	61.4%	31.4%	120(PM ₁₀)		
54.Municipality Office, Daleipada	61	89 (42-184)	37 (14-74)	6.4 (4.3-13.5)	24.0 (19.4-35.2)	-	-	31.1%	16.3%	89(PM ₁₀)			
Prescribed Standard (24 hrly)			100	60	80	80	400	180 (1Hourly)					
Standard for Annual Avg. Value			60	40	50	40	100	100 (8Hourly)					

N.B:BDL- Below Detectable Limit, PM₁₀ – Particulate Matter ≤ 5 μ size, PM_{2.5} – Particulate Matter ≤ 2 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 ≤ 20 μg/m³, O₃ ≤ 20 μg/m³, Pb ≤ 0.0022 μg/m³, PM₁₀ ≤ 5 μg/m³, PM_{2.5} ≤ 2 μg/m³ & NM- Not monitored
No percentage of violation of data from 24 hourly average for all monitored gaseous pollutants like SO₂, NO₂, NH₃, O₃, & Pb

