

Ambient Air Quality (AAQ) status with Air Quality Index(AQI) values at NAMP/SAMP stations and categorization of different cities & towns of Odisha during January,2024

Sl. no	Towns/cities	Monitoring Locations	Conc. of Parameters Values in microgram per cubic meter						AQI (Prominent Pollutant)	Category (AQI)
			SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
1	Angul	1. RO, SPCB Office Building,Hakimpada,I.E	12.3	28.6	35.2	BDL	209	98	227(PM ₁₀)	Poor
		2. Nalco Township	14.4	23.5	32.2	24.5	158	55	139(PM ₁₀)	Moderate
		3.Sikhyakapada	16.9	21.7	42.9	27.4	142	73	143(PM _{2.5})	Moderate
2	Balasore	4. RO, SPCB Office Building Ganeswarpur	7.2	12.1	23.8	24.5	140	82	173(PM _{2.5})	Moderate
		5.Oriplast, OT Road	BDL	11.3	23.1	23.7	105	67	123(PM _{2.5})	Moderate
		6.Rasalpur Industrial Estate	8.3	12.2	24.5	25.3	138	83	177(PM _{2.5})	Moderate
3	Berhampur	7.New Division Office,IDCO, I.E	4.9	17.2	44.4	27.1	154	94	213(PM _{2.5})	Poor
4	Bhubaneswar	8.Office Building,SPCB,Unit-VIII	BDL	17.3	41.0	27.2	244	58	196(PM ₁₀)	Moderate
		9.IRC Nayapalli	BDL	14.7	36.2	25.7	164	70	143(PM ₁₀)	Moderate
		10.Capital Police Station	BDL	17.3	46.8	25.8	180	79	163(PM _{2.5})	Moderate
		11.Khandagiri Police Station	BDL	20.2	43.6	25.5	201	84	180(PM _{2.5})	Moderate
		12.Chandrasekharpur (Central Laboratory)	BDL	14.4	45.5	25.0	197	79	165(PM ₁₀)	Moderate
		13.Palasuni Water Works	BDL	16.4	31.6	27.8	196	80	167(PM _{2.5})	Moderate
5	Bonaigarh	14.Govt. Hospital Bonai,SDH	13.0	14.8	23.7	22.8	119	46	113(PM ₁₀)	Moderate
6	Cuttack	15. RO, SPCB Office Building, Suryavihar	5.6	21.1	47.8	44.0	158	63	139(PM ₁₀)	Moderate
		16.PHD Office, Barabati	4.7	20.1	41.6	39.1	144	59	129(PM ₁₀)	Moderate
		17.Hotel Bishal-inn, Badambadi	6.5	16.9	44.7	35.0	143	64	129(PM ₁₀)	Moderate
7	Jharsuguda	18. RO, SPCB Office Building, Cox Colony, Babubagicha	9.4	13.7	23.3	BDL	128	64	119(PM ₁₀)	Moderate
		19. TRL colony	8.3	14.9	25.4	22.2	122	63	115(PM ₁₀)	Moderate
		20.Maa Smaleswari Nagar	8.5	13.9	23.8	BDL	122	60	115(PM ₁₀)	Moderate
8	Kalinganagar	21.RO,SPCB Office Building	6.8	14.1	27.3	25.9	185	70	157(PM ₁₀)	Moderate
		22. DET Hostel	8.0	16.7	29.2	22.3	142	74	147(PM _{2.5})	Moderate
		23. BRPL Guest House, Duburi	7.3	12.7	30.0	25.0	127	67	123(PM _{2.5})	Moderate
9	Kandhamal	24. Collectorate Office,Phulbani	6.2	15.9	-	-	89	40	89(PM ₁₀)	Satisfactory
		25. NAC Office, G.Udayagiri	6.3	15.9	-	-	92	40	92(PM ₁₀)	Satisfactory
10	Keonjhar	26. RO, SPCB Office Building	5.5	16.4	48.8	-	135	83	177(PM _{2.5})	Moderate
11	Konark	27.Police Station	BDL	11.3	27.9	26.5	76	38	76(PM ₁₀)	Satisfactory
		28. Jagannath Temple	BDL	11.6	28.7	25.6	113	53	109(PM ₁₀)	Moderate
12	Paradeep	29. STP Building, IFFCO,	17.1	13.0	119	20.7	128	69	130(PM _{2.5})	Moderate
		30. PPL Guest House,	14.5	14.1	108	22.1	146	75	150(PM _{2.5})	Moderate
		31. PPT Staff Quarters,	15.0	12.8	103	20.9	128	67	123(PM _{2.5})	Moderate
13	Puri	32.Town Police Station	BDL	12.6	43.9	20.4	102	20	101(PM ₁₀)	Moderate
		33.Sadar Police Station	BDL	13.0	44.2	20.5	104	21	103(PM ₁₀)	Moderate
14	Rayagada	34. RO, SPCB Office Building	11.1	22.4	39.0	32.1	74	42	74(PM ₁₀)	Satisfactory
		35.LPS High School,Jaykaypur	16.4	25.2	41.0	30.1	82	48	82(PM ₁₀)	Satisfactory
15	Rajgangpur	36.DISIR Rajgangpur	13.3	18.3	22.8	25.4	136	64	124(PM ₁₀)	Moderate
16	Rourkela	37. RO, SPCB Office Building, Panposh	11.3	13.0	22.7	22.4	106	50	104(PM ₁₀)	Moderate
		38.IDL Police Outpost	9.8	12.7	24.6	22.8	137	56	125(PM ₁₀)	Moderate
		39.IDC Kalunga	10.1	12.0	22.3	24.8	142	41	128(PM ₁₀)	Moderate
		40.Kuanarmunda	10.1	11.9	23.2	25.1	142	45	128(PM ₁₀)	Moderate
17	Sambalpur	41.Hospital Road,Modipara	9.3	31.7	27.1	25.4	182	81	170(PM _{2.5})	Moderate
18	Talcher	42.Talcher Thermal	11.7	26.0	35.3	20.9	177	73	151(PM ₁₀)	Moderate
		43. Mahanadi Coal Field area	12.3	29.6	39.7	BDL	185	65	157(PM ₁₀)	Moderate
		44.Champapasi village (Mahanadi Coal Field)	10.7	28.5	36.2	20.1	168	67	145(PM ₁₀)	Moderate
Standard on 24hrly avg. Basis			80	80	400	180	100	60		

N.B. :AQI-Air Quality Index, BDL-Below Detection Limit; BDL value for SO₂ ≤4 µg/m³

AQI Value	0-50	51-100	101-200	201-300	301-400	>400
Category	GOOD	SATISFACTORY	MODERATE	POOR	VERY POOR	SEVERE