

Ambient Air Quality (AAQ) and Air Quality Index(AQI) values of different cities/ Town of Odisha during March-2025

S/N	Towns/cities	Monitoring Locations with station code	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. SPCB Office, Hakimpada(70)	12.1	16.1	25.5	22.5	151	68	134(PM ₁₀)	Moderate
		2. Nalco Township(231)	12.6	21.8	34.0	26.0	137	51	125(PM ₁₀)	Moderate
		3.Sikhyakapada(1118)	11.4	28.8	37.6	23.1	133	49	122(PM ₁₀)	Moderate
2	Balasore	4.SPCB Office,Ganeswarpur(428)	7.1	11.0	24.0	35.3	113	56	109(PM ₁₀)	Moderate
		5.OT Road(689)	6.3	10.5	23.4	31.4	101	51	101(PM ₁₀)	Moderate
		6.Rasalpur I. E. (690)	8.3	11.6	24.6	35.5	126	70	133(PM _{2.5})	Moderate
3	Bhadrak	7.Municipality Office Building(1260)	6.5	10.4	-	-	107	51	105(PM ₁₀)	Moderate
		8.DP Officers' Club(1261)	7.1	11.0	-	-	108	56	105(PM ₁₀)	Moderate
4	Berhampur	9. SPCB Office ,IDCO, I.E. (429)	4.6	18.2	32.5	30.2	81	39	81(PM ₁₀)	Satisfactory
		10.Bada Bazar P. S.(1262)	4.6	17.1	-	-	100	51	100(PM ₁₀)	Satisfactory
		11.Gosaninugaon P.S.(1263)	4.4	16.5	-	-	106	54	104(PM ₁₀)	Moderate
5	Bhubaneswar	12. Head Office, SPCB, (322)	BDL	17.3	25.3	28.0	90	38	90(PM ₁₀)	Satisfactory
		13.IRC Village, Nayapalli(423)	BDL	14.9	35.7	25.8	90	35	90(PM ₁₀)	Satisfactory
		14.Capital P. S. (424)	BDL	17.6	49.6	28.7	104	36	103(PM ₁₀)	Moderate
		15.Khandagiri P. S. (686)	BDL	15.8	43.6	27.7	124	56	116(PM ₁₀)	Moderate
		16.(Central Laboratory, SPCB)(688)	BDL	18.5	34.8	31.5	78	43	78(PM ₁₀)	Satisfactory
		17.Palasuni Water Works(687)	BDL	20.9	24.4	26.2	91	50	91(PM ₁₀)	Satisfactory
6	Bolangir	18. SPCB Office, Palace line(1107)	5.4	22.7	-	-	83	31	83(PM ₁₀)	Satisfactory
		19.DFO office(1106)	5.6	26.1	-	-	84	27	84(PM ₁₀)	Satisfactory
		20.Roof of the watershed office	5.6	26.8	-	-	93	34	93(PM ₁₀)	Satisfactory
7	Bonaigarh	21.Govt. Hospital , Bonai(879)	12.5	14.1	23.9	24.8	126	53	117(PM ₁₀)	Moderate
		22.Roof Top of CHC Lahunipara	12.2	13.2	25.2	27.0	127	53	118(PM ₁₀)	Moderate
8	Cuttack	23. SPCB Office ,Suryavihar(425)	4.6	22.2	45.3	44.6	104	49	103(PM ₁₀)	Moderate
		24.PHD Office, Barabati(697)	BDL	21.6	36.4	35.5	105	53	103(PM ₁₀)	Moderate
		25.Hotel Bishal-Inn,Badambadi(426)	BDL	22.5	35.9	44.2	100	53	100(PM ₁₀)	Satisfactory
9	Jharsuguda	26. SPCB Office,Babubagicha(821)	8.3	13.5	24.8	22.3	161	68	141(PM ₁₀)	Moderate
		27. TRL colony(880)	8.4	14.9	24.6	22.3	148	73	143(PM _{2.5})	Moderate
		28.MaaSmaleswari Nagar(881)	8.6	13.6	23.4	20.7	159	64	139(PM ₁₀)	Moderate
10	Kalinganagar	29.SPCB Office Building(819)	11.5	13.6	BDL	27.8	108	51	105(PM ₁₀)	Moderate
		30. DET Hostel (694)	12.3	19.7	29.9	22.3	135	65	123(PM ₁₀)	Moderate
		31.BRPL Guest House, Duburi(695)	11.0	14.6	32.1	25.4	103	52	102(PM ₁₀)	Moderate
11	Kandhamal	32.Collectorate,Phulbani(1109)	4.4	15.8	-	-	84	43	84(PM ₁₀)	Satisfactory
		33.NAC Office, G.Udayagiri (1110)	4.5	16.9	-	-	95	49	95(PM ₁₀)	Satisfactory
12	Keonjhar	34.SPCB OfficeBaniapat(552)	BDL	13.2	35.0	-	111	60	107(PM ₁₀)	Moderate
13	Konark	35.Police Station(816)	BDL	14.0	31.5	23.5	56	19	56(PM ₁₀)	Satisfactory
		36. Jagannath Temple (1264)	BDL	12.0	-	-	55	17	55(PM ₁₀)	Satisfactory

		37.RWSS Office(1265)	BDL	12.0	-	-	54	18	54(PM ₁₀)	Satisfactory
14	Paradeep	38. STP Building, IFFCO(691)	17.0	12.8	60.6	BDL	84	43	84(PM ₁₀)	Satisfactory
		39. PPL Guest House(692)	11.7	13.5	49.6	BDL	86	45	86(PM ₁₀)	Satisfactory
		40. PPT Staff Quarters(693)	14.7	11.6	62.5	BDL	86	43	86(PM ₁₀)	Satisfactory
15	Kendrapara	41.Roof of hotel Gourisankar	5.4	19.4	BDL	BDL	74	36	74(PM ₁₀)	Satisfactory
		42.Roof of Municipality conference Hall	4.6	15.4	BDL	BDL	73	33	73(PM ₁₀)	Satisfactory
		43.Roof of Bhoomika eye hospital	4.7	16.6	BDL	BDL	77	37	77(PM ₁₀)	Satisfactory
16	Puri	44. Sadar Police Station(817)	BDL	11.5	42.1	20.6	101	26	101(PM ₁₀)	Moderate
		45 Town Police Station(818)	BDL	11.2	41.8	20.4	99	23	99(PM ₁₀)	Satisfactory
		46.Sakhigopal (Rural)(1266)	BDL	12.5	-	-	76	21	76(PM ₁₀)	Satisfactory
17	Rayagada	47.SPCB Office ,Kasturinagar(228)	7.2	23.8	35.0	25.7	85	38	85(PM ₁₀)	Satisfactory
		48.LPS High School, Jaykaypur(229)	8.4	18.2	42.0	31.3	89	45	89(PM ₁₀)	Satisfactory
18	Rajgangpur	49.DISIR Rajgangpur(696)	13.9	18.6	23.3	25.6	280	68	230(PM₁₀)	Poor
19	Rourkela	50. SPCB Office ,Sector-5(370)	12.1	14.2	23.3	26.2	147	53	131(PM ₁₀)	Moderate
		51.IDL Police Outpost(227)	14.3	23.4	27.7	35.1	153	63	135(PM ₁₀)	Moderate
		52.IDC Kalunga(820)	11.5	12.8	23.5	25.9	323	77	273(PM₁₀)	Poor
		53.Kuanarmunda(878)	11.8	12.8	23.5	24.9	237	73	191(PM ₁₀)	Moderate
20	Sambalpur	54PHD office Modipara (427)	7.0	27.1	23.5	21.2	146	59	131(PM ₁₀)	Moderate
		55Bareipali I.E(1267)	9.0	29.5	-	-	220	80	180(PM ₁₀)	Moderate
		56.Municipality Office, Daleipada	6.4	25.8	-	-	132	52	121(PM ₁₀)	Moderate
21	Talcher	57.Talcher Thermal (68)	12.6	22.1	29.8	26.4	158	64	139(PM ₁₀)	Moderate
		58. Mahanadi Coal Field area(471)	11.3	28.2	36.3	22.4	139	58	126(PM ₁₀)	Moderate
		59.Champapasi village, MCL(1120)	12.1	16.8	25.9	23.5	143	48	129(PM ₁₀)	Moderate
Standard on 24hrly avg. Basis			80	80	400	180	100	60		

AQI VALUE WITH CATEGORY

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

N.B. : No NH₃ & O₃ has been monitored in newly established AAQ monitoring stations. AQI-Air Quality Index, BDL-Below Detection Limit; BDL value for SO₂ ≤4 µg/m³, O₃ ≤20 µg/m³.

Out of 59 monitored station data submitted by different ROs and Central Laboratory **25 nos.** of monitored stations are under **satisfactory** category, **32 nos.** of monitored stations are under **Moderate** category and **2 nos.** of monitored stations at IDC Kalunga and DISIR Rajgangpur under the jurisdiction of RO.Rourkela falls under **poor category**. Prominent pollutant is found to be PM₁₀ at all monitored City/Towns except Jharsuguda(TRL Colony) & Balasore(Rasalpur I.E) for PM_{2.5}.