

Annual Air Quality Index(AQI) of Different monitored Stations in Odisha during the year, 2023

Area with Monitoring Locations	Sub index value of different parameters							Overall Avg. AQI (With prominent Parameter)	Categorization of the Area
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	Pb		
1.Angul									
1.Industrial Estate	94	70	14	28	6	22	-	94 (PM ₁₀)	Satisfactory
2.NALCO Nagar									
3.Sikhyakapada									
2.Talcher									
4.TTPS ,(NTPC) Tharmal	106	73	15	31	8	10	-	106(PM ₁₀)	Moderate
5.Mahanadi Coalfields									
6.Champapasi village									
3.Balasore									
7. R.O, SPCB, Ganeswarpur	90	90	2	14	6	25	-	90(PM ₁₀ & PM _{2.5})	Satisfactory
8.DIC office, Angaragadia									
9.Rasalpur,I.E									
4.Berhampur									
10.R.O, SPCB Brahamanagar	87	80	2	20	8	28	-	87 (PM ₁₀)	Satisfactory
5.Bhubaneswar									
11.SPCB Office Building, Unit-VIII	103	72	2	21	8	27	4.4	103(PM ₁₀)	Moderate
12.I.R.C. Village, Nayapalli									
13.Capital Police Station, Unit-I									
14.Chandrasekharpur									
15.Patrapada									
16.Palasuni water works									
6.Bonaigarh									
17.Bonai Govt. Hospital	113	87	16	18	6	24	-	113(PM ₁₀)	Moderate
7.Cuttack									
18. Hotel Bishal Inn, Badambadi	104	58	3	24	11	36	-	104(PM ₁₀)	Moderate
19.R.O.Building, Surya Vihar									
20.PHD office ,Barabati									
8.Jharsuguda									
21.RO Building,Cox Colony, Babubagicha,	107	90	11	17	6	10	-	107(PM ₁₀)	Moderate
22. Inside TRL Colony Premises									
23.Maa Samaleswari Nagar,Brundamal									
9.Kalinganagar									
24. BRPL Guest House (Near TATA Guest House)	98	77	8	21	8	23	-	98 (PM ₁₀)	Satisfactory
25.Roof of Regional Office Building,									
26.DET,Hostel TATA Steel									
10. Kandhamal									
27.G. Udayagiri	51	38	6	18	-	-	-	51 (PM ₁₀)	Satisfactory
28.Phulbani									

Area with Monitoring Locations	Sub index value w.r.t parameter							Overall AQI (With prominent Parameter)	Categorization of the Area
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃	O ₃	Pb		
11.Keonjhar									
29.R.O, Baniapat	97	83	2	15	8	-	-	97 (PM₁₀)	Satisfactory
12.Konark									
30.Konark Police Station	64	47	3	15	8	25	-	64 (PM₁₀)	Satisfactory
13.Paradeep									
31.PPL Guest House	90	72	19	14	29	10	-	90 (PM₁₀)	Satisfactory
32.On the roof of IFFCO STP									
33.On the roof of Paradeep port trust									
14.Puri									
34. Sadar police Station	93	26	2	16	10	10	-	93 (PM₁₀)	Satisfactory
35. Town police Station									
15.Rayagada									
36. RO Building, Indiranagar	80	53	10	23	8	23	-	80 (PM₁₀)	Satisfactory
37. LPS High School, Jaykaypur									
16.Rourkela									
38. Near Town Engg. Office, Sector-5	136	92	14	17	6	26	-	136(PM₁₀)	Moderate
39. IDL Outpost									
40. IDCO Water Tank, IDC Kalunga									
41. Kuarmunda Out Post									
17.Rajgangpur									
42. DISR Rajgangpur	107	73	16	19	5	26	-	107(PM₁₀)	Moderate
18.Sambalpur									
43.PHD Office, Modipara	108	73	10	31	10	10	-	108(PM₁₀)	Moderate

AQI range with categorization and Health impact

AQI VALUE	CATAGORY	IMPACT ON HUMAN HEALTH
0-50	GOOD	Minimal Impact
51-100	SATISFACTORY	Minor breathing discomfort to sensitive people
101-200	MODERATE	Breathing discomfort to the people with lung, heart disease, children and adults
201-300	POOR	Breathing discomfort to people on prolonged exposure
301-400	VERY POOR	Respiratory illness to the people on prolonged exposure
>401	SEVERE	Respiratory effects even on healthy people