

Annual Air Quality Index(AQI) of Different monitored Stations in Odisha during the year, 2024

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		
i).Angul (03)								
1.Industrial Estate	108	83	15	25	7	10	108 (PM ₁₀)	Moderate
2.NALCO Nagar								
3.Sikhyakapada								
ii).Talcher(03)								
4.TTPS ,(NTPC) Tharmal	107	77	13	31	9	10	107(PM ₁₀)	Moderate
5.Mahanadi Coalfields								
6.Champapasi village								
iii).Balasore(03)								
7. R.O, SPCB, Ganeswarpur	96	82	6	14	6	26	96(PM ₁₀)	Satisfactory
8.DIC office, Angaragadia								
9.Rasalpur,I.E								
iv). Bhadrak(02)								
10. Municipality Office Building	83	60	3	13	-	-	83(PM ₁₀)	Satisfactory
11. DP Officers' Club								
v). Bolangir(02)								
12. SPCB Office, Palace line	68	57	7	29	-	-	68(PM ₁₀)	Satisfactory
13 DFO office								
vi).Berhampur(03)								
14.R.O, SPCB Brahamanagar	73	67	3	21	8	28	73 (PM ₁₀)	Satisfactory
15. Bada Bazar P. S								
16. Gosaninuagaon P.S								
vii).Bhubaneswar(06)								
17.SPCB Office Building, Unit-VIII	104	72	2	19	10	27	104(PM ₁₀)	Moderate
18.I.R.C. Village, Nayapalli								
19.Capital Police Station, Unit-I								
20.Chandrasekharpur								
21.Patrapada								
22.Palasuni water works								
viii).Bonaigarh(01)								
23.Bonai Govt. Hospital	110	73	16	19	6	27	110(PM ₁₀)	Moderate
ix).Cuttack(03)								
24. Hotel Bishal Inn, Badambadi	92	68	5	26	11	39	92(PM ₁₀)	Satisfactory
25.R.O.Building, Surya Vihar								
26.PHD office ,Barabati								
x).Jharsuguda(03)								
27.RO Building,Cox Colony, Babubagicha,	110	97	11	17	6	10	110(PM ₁₀)	Moderate
28. Inside TRL Colony Premises								

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		
xi).Keonjhar(01)								
30.R.O, Baniapat	90	87	3	17	10	-	90 (PM₁₀)	Satisfactory
xii).Kalinganagar(03)								
31. BRPL Guest House (Near TATA Guest House)	106	98	9	18	7	25	106(PM₁₀)	Moderate
32.Roof of Regional Office Building,								
33.DET,Hostel TATA Steel								
xiii). Kandhamal(02)								
34..G. Udayagiri	52	50	3	20	-	-	52 (PM₁₀)	Satisfactory
35.Phulbani								
xiv).Konark(03)								
36.Konark Police Station	67	48	3	15	8	25	67 (PM₁₀)	Satisfactory
37. Jagannath Temple								
38. RWSS Office								
xv).Paradeep(03)								
39.PPL Guest House	85	73	16	14	20	10	85 (PM₁₀)	Satisfactory
40.On the roof of IFFCO STP								
41.On the roof of Paradeep port trust								
xvi).Puri(03)								
42. Sadar police Station	72	35	3	16	10	10	72 (PM₁₀)	Satisfactory
43. Town police Station								
44. Sakhigopal								
xvii).Rayagada(02)								
45.. RO Building, Indiranagar	63	58	12	31	9	30	63 (PM₁₀)	Satisfactory
46. LPS High School, Jaykaypur								
xviii).Rourkela(04)								
47. Near Town Engg. Office, Sector-5	113	72	14	17	6	26	113(PM₁₀)	Moderate
48. DL Outpost								
49. IDCO Water Tank, IDC Kalunga								
50. Kuarmunda Out Post								
xix).Rajgangpur(01)								
51. DISR Rajgangpur	95	68	15	20	6	25	95(PM₁₀)	Satisfactory
xx).Sambalpur(03)								
52.PHD Office, Modipara	105	73	9	31	5	10	105(PM₁₀)	Moderate
53. Bareipali I.E								
54. Municipality Office, Daleipada								

AQI range with category 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