

Annual Air Quality Index of Different monitored Stations in Odisha during the year, 2021

Area with Monitoring Locations	Sub index value of different parameters							Overall 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	95	62	13	33	9	10	3.1	95(PM₁₀)	Satisfactory
2.NALCO Nagar									
2.Talcher									
3.TTPS , Talcher	105	62	13	35	8	10	3.5	105(PM₁₀)	Moderate
4.MCL, Talcher									
3.Balasore									
5. R.O, SPCB, Ganeswarpur	76	73	3	14	6	24	NM	76(PM₁₀)	Satisfactory
6.DIC office, Angaragadia									
7.Rasalpur,I.E									
4.Berhampur									
8.R.O, SPCB Brahamanagar	63	42	3	25	9	37	2.9	63(PM₁₀)	Satisfactory
5.Bhubaneswar									
9.SPCB Office Building, Unit-VIII	103	60	3	21	11	29	2.8	103(PM₁₀)	Moderate
10.I.R.C. Village, Nayapalli									
11.Capital Police Station, Unit-I									
12.Chandrasekharpur									
13.Patrapada									
14.Palasuni water works									
6.Bonaigarh									
15.Bonai Govt. Hospital	94	62	11	15	6	23	2.0	94(PM₁₀)	Satisfactory
7.Cuttack									
16.Traffic Tower Badambadi,	90	62	3	23	8	27	3.7	90(PM₁₀)	Satisfactory
17.R.O.Building, Surya Vihar									
18.PHD office ,Barabati									
8.Jharsuguda									
19.RO Building,Cox Colony, Babubagicha,	103	93	11	18	6	10	3.2	103(PM₁₀)	Moderate
20. Inside TRL Colony Premises									
9.Kalinganagar									
21.Over the roof of BRPL Guest House(Near TATA Guest House)	111	*130	3	19	9	21	2.5	116(PM₁₀)	Moderate
22.Roof of Regional Office Building,									
23.DET,Hostel TATA Steel									

* – One station data at of three stations was taken for sub-index calculation

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		
10.Keonjhar									
24.R.O, Baniapat	77	48	3	17	11	NM	3.5	77(PM ₁₀)	Satisfactory
11.Konark									
25.Konark Police Station	54	NM	3	17	9	21	1.6	54(PM ₁₀)	Satisfactory
12.Paradeep									
26.PPL Guest House	109	88	20	14	34	44	3.1	109(PM ₁₀)	Moderate
27.On the roof of IFFCO STP									
28.On the roof of Paradeep port trust									
13.Puri									
29. Sadar police Station	98	NM	3	18	12	10	3.0	98(PM ₁₀)	Satisfactory
30. Town police Station									
14.Rayagada									
31. RO Building, Indiranagar	69	57	6	19	7	23	2.2	69(PM ₁₀)	Satisfactory
32. LPS High School, Jaykaypur									
15.Rajgangpur									
33. DISR Rajgangpur	119	70	12	20	6	23	4.1	119(PM ₁₀)	Moderate
16.Rourkela									
34.Regional Office Building, Sector-5	117	80	11	16	6	24	3.5	117(PM ₁₀)	Moderate
35. IDL Outpost									
36. IDCO Water Tank, IDC Kalunga									
37. Kuarmunda Out Post, Kuarmunda									
17.Sambalpur									
38.PHD Office, Modipara	102	70	8	31	6	10	2.7	102(PM ₁₀)	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