

AMBIENT AIR QUALITY STATUS OF DIFFERENT CITIES & TOWNS OF ODISHA DURING 2012

Location	Category	Annual Average Value (24 hourly range)				% of violation of data from 24 hourly standard			
		SPM*	RSPM**	SO ₂ **	NO _x **	SPM	RSPM	SO ₂	NO _x
		(values expressed in Microgram per cubic meter)							
Angul									
1. Industrial Estate, Angul	I	256 (107-388)	121 (29-187)	6.5 (4.1-9.8)	20.1 (16.3-24.3)	-	74.7	-	-
2. NALCO Nagar, Angul	R	186 (76-293)	91 (36-142)	6.4 (BDL-9.3)	18.5 (13.6-24.4)	40.7	36.8	-	-
3. TTPS , Talcher	I	234 (65-366)	110 (33-180)	7.5 (BDL-13.4)	18.6 (12-23.6)	-	69.9	-	-
Rourkela									
1. Regional Office Building, Sector-5	R	195 (158-265)	99 (78-152)	5.1 (4.1-6.7)	10.5 (9.4-14.4)	50.5	48.5	-	-
2. IDL Outpost	R	210 (144-246)	97 (42-124)	5.0 (4.4-6.3)	10.3 (9.5-12.8)	70.4	58	-	-
Rayagada									
1. Regional Office Building, Indiranagar	R	65 (25-90)	49 (12-70)	BDL (BDL -BDL)	21.4 (13.7-25.5)		-	-	-
2. Jaykaypur	I	80 (24-109)	59 (14-84)	BDL (BDL – BDL)	22.3 (12.1-26.8)		-	-	-
Bhubaneswar									
1. SPCB Office Building, Nayapalli	R	140 (23-698)	76 (14-209)	BDL (BDL -BDL)	18.2 (BDL-45.1)	23.9	27.2	-	-
2. I.R.C.Village, Nayapalli	R	121 (30-280)	76 (16-240)	BDL (BDL-BDL)	19.7 (BDL- 48.4)	8.9	23.7	-	-
3. Capital Police Station, Unit-I	R	166 (36-556)	101 (23-423)	BDL (BDL -BDL)	19.1 (9.3-35.5)	27.3	42.1	-	-
4. Palasuni water works	R	144 (42-678)	75 (17-442)	BDL (BDL -BDL)	20.6 (BDL-40)	20.6	26.8	-	-
5. Patrapada	R	142 (28-318)	81 (9-209)	BDL (BDL -BDL)	15.7 (BDL-36.7)	26	37	-	-
Cuttack									
1. Traffic Tower, Badambadi	R	210 (115-535)	83 (38-342)	BDL (BDL-BDL)	19.8 (12.9-29.7)	58	29.5	-	-
2. R.O.Building, Surya Vihar	R	186 (92-385)	77 (34-196)	BDL (BDL-BDL)	17.3 (9.6-24.8)	40	19	-	-
Sambalpur									
PHD Office, Sambalpur	R	134 (96-160)	49 (38-71)	BDL (BDL-6)	14.8 (11-18.1)	-	-	-	-

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		SPM*	RSPM**	SO ₂ **	NO _x **	SPM	RSPM	SO ₂	NO _x
Balasore									
Sahadev Khunta	R	171 (113-204)	72 (46-102)	BDL (BDL-BDL)	11.8 (9.6-11.5)	6.6	4.7	-	-
DIC office, Angaragadia	R	172 (112-198)	77 (55-95)	BDL (BDL-BDL)	11.6 (9.8-13)	-	-	-	-
Berhampur									
Office Building, Brahma nagar, Berhampur	R	187 (79-357)	78 (38-188)	BDL (BDL-BDL)	18.1 (13.9- 37.2)	37	22	-	-
Keonjhar									
RO, Baniapat	R	120 (70-245)	74 (41-160)	BDL (BDL-BDL)	11.3 (BDL- 16.1)	3	10	-	-
Prescribed Standard (24hrly)	Residential/ Industrial	R	200*	100**	80**	80**			
		I	500*						
Standard for Annual Avg. Value	Residential/ Industrial	R	140*	60**	50**	40**			
		I	360*						

N.B.: BDL- Below Detectable Limit

R-Residential

I –Industrial

NO_x – Oxides of Nitrogen

SPM-Suspended Particulate Matter≥10 µg

RSPM/ PM₁₀ – Particulate Matter < 10 µg

SO₂ – Sulphur Dioxide

* As per Gazette Notification No.S.O.384 (E) AIR (PCP) Dtd.11.04.1994, EPA-GSR 176(E) Dtd.02/04/1996, SO-955(E) AIR (PCP) 14/10/1998

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