

Monthly Air Quality Index (AQI) of important Cities/ Town of Odisha (January to December) -2023

1. Monthly AQI of Angul 2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	02	14	36	9	21	114	77	114 (PM ₁₀)	Moderate
FEB	02	14	36	10	22	109	75	109 (PM ₁₀)	Moderate
MAR	02	14	34	9	10	108	72	108 (PM ₁₀)	Moderate
APR	02	15	28	8	29	115	83	115 (PM ₁₀)	Moderate
MAY	03	14	27	7	31	103	78	103 (PM ₁₀)	Moderate
June	03	12	25	7	28	85	62	85(PM ₁₀)	Satisfactory
July	03	10	23	6	22	65	47	65(PM ₁₀)	Satisfactory
AUG.	03	12	26	6	10	68	52	68(PM ₁₀)	Satisfactory
SEPT	03	11	24	6	10	66	50	66(PM ₁₀)	Satisfactory
OCT.	03	14	28	7	21	86	65	86(PM ₁₀)	Satisfactory
NOV.	03	17	30	8	22	117	107	117 (PM ₁₀)	Moderate
DEC.	03	18	32	8	27	115	103	115 (PM ₁₀)	Moderate

2. Monthly AQI of Balasore 2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Category
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	03	3	13	6	24	92	98	98(PM _{2.5})	Satisfactory
FEB	03	3	13	6	24	92	100	100(PM _{2.5})	Satisfactory
MAR	03	3	13	6	24	85	95	95(PM _{2.5})	Satisfactory
APR	03	3	14	6	26	85	93	93(PM _{2.5})	Satisfactory
MAY	03	5	14	6	25	105	127	127(PM _{2.5})	Moderate
June	03	3	14	6	25	101	123	123(PM _{2.5})	Moderate
July	03	3	13	6	24	74	82	82(PM _{2.5})	Satisfactory
AUG.	03	3	13	6	25	58	58	58 (PM ₁₀ & PM _{2.5})	Satisfactory
SEPT	03	3	13	6	25	58	42	58(PM ₁₀)	Satisfactory
OCT.	03	5	14	6	25	67	43	67(PM ₁₀)	Satisfactory
NOV.	03	7	15	6	26	117	123	123(PM _{2.5})	Moderate
DEC.	03	7	15	6	25	123	137	137(PM _{2.5})	Moderate

3. Monthly AQI of Berhampur 2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	01	9	20	12	37	113	153	153(PM _{2.5})	Moderate
FEB	01	3	13	6	24	103	83	103(PM ₁₀)	Moderate
MAR	01	6	19	7	30	92	72	92(PM ₁₀)	Satisfactory
APR	01	6	20	8	31	94	82	94(PM ₁₀)	Satisfactory
MAY	01	7	21	8	32	66	68	68(PM _{2.5})	Satisfactory
JUNE	01	7	20	8	32	73	65	73(PM ₁₀)	Satisfactory
JULY	01	6	19	8	26	47	47	47(PM ₁₀ & PM _{2.5})	Good
AUG.	01	6	20	8	25	48	38	48(PM ₁₀)	Good
SEPT	01	6	20	7	25	62	63	63(PM _{2.5})	Satisfactory
OCT.	01	6	20	7	25	62	60	62(PM ₁₀)	Satisfactory
NOV.	01	10	23	8	24	131	153	153(PM _{2.5})	Moderate
DEC.	01	7	20	8	23	117	153	153(PM _{2.5})	Moderate

4. Monthly AQI of Bhubaneswar 2023

Month	No of Monitoring Station	Sub Index AQI Values							AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	Pb	PM ₁₀	PM _{2.5}		
Jan	06	3	25	11	28	-	146	98	146(PM ₁₀)	Moderate
Feb	06	3	20	10	28	-	121	73	121(PM ₁₀)	Moderate
Mar	06	3	20	10	28	-	101	98	101(PM ₁₀)	Moderate
Apr	06	3	22	9	28	-	102	68	102(PM ₁₀)	Moderate
May	06	3	21	9	28	0.44	81	55	81(PM ₁₀)	Satisfactory
JUNE	06	3	20	9	28	-	78	55	78(PM ₁₀)	Satisfactory
JULY	06	3	17	10	26	-	47	37	47(PM ₁₀)	Good
AUG.	06	3	18	9	26	-	60	43	60(PM ₁₀)	Satisfactory
SEPT	06	3	18	12	26	-	53	40	53(PM ₁₀)	Satisfactory
OCT.	06	3	20	11	26	-	111	70	111(PM ₁₀)	Moderate
NOV.	06	3	25	11	29	-	156	163	163(PM _{2.5})	Moderate
DEC.	06	3	21	10	26	-	151	140	151(PM ₁₀)	Moderate

5. Monthly AQI of Bonaigarh-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	01	19	22	8	30	133	177	177(PM _{2.5})	Moderate
FEB	01	17	17	6	24	129	93	129(PM ₁₀)	Moderate
MAR	01	16	20	6	24	130	97	130(PM ₁₀)	Moderate
APR	01	16	18	6	25	128	95	128(PM ₁₀)	Moderate
MAY	01	16	18	6	25	131	93	131(PM ₁₀)	Moderate
JUNE	01	15	18	6	25	119	93	119(PM ₁₀)	Satisfactory
JULY	01	16	18	6	25	107	87	107(PM ₁₀)	Satisfactory
AUG.	01	14	16	6	24	88	72	88(PM ₁₀)	Satisfactory
SEPT	01	14	17	6	24	79	72	79(PM ₁₀)	Satisfactory
OCT.	01	15	17	6	24	67	77	77(PM _{2.5})	Satisfactory
NOV.	01	20	22	6	24	117	82	117(PM ₁₀)	Moderate
DEC.	01	15	16	6	24	115	72	115(PM ₁₀)	Moderate

6. Monthly AQI of Cuttack-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	03	3	26	10	35	131	70	131(PM ₁₀)	Moderate
FEB	03	3	26	11	38	116	63	116(PM ₁₀)	Moderate
MAR	03	3	24	10	36	109	57	109(PM ₁₀)	Moderate
APR	03	3	24	11	36	103	52	103(PM ₁₀)	Moderate
MAY	03	3	25	11	37	95	45	95(PM ₁₀)	Satisfactory
JUNE	03	3	24	11	38	96	45	96(PM ₁₀)	Satisfactory
JULY	03	3	23	10	33	83	42	83(PM ₁₀)	Satisfactory
AUG	03	3	24	10	34	77	42	77(PM ₁₀)	Satisfactory
SEPT	03	3	23	10	35	74	45	74(PM ₁₀)	Satisfactory
OCT	03	5	24	11	36	101	62	101(PM ₁₀)	Moderate
NOV.	03	7	24	10	38	117	87	117(PM ₁₀)	Moderate
DEC.	03	7	24	11	39	121	90	121(PM ₁₀)	Moderate

7. Monthly AQI of Jharsuguda-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	02	11	18	6	23	119	137	137(PM _{2.5})	Moderate
FEB	02	11	17	6	24	117	130	130(PM _{2.5})	Moderate
MAR	02	11	17	6	23	110	110	110 (PM ₁₀ & PM _{2.5})	Moderate
APR	03	11	16	6	23	115	110	115(PM ₁₀)	Moderate
MAY	03	11	17	6	23	114	103	114(PM ₁₀)	Moderate
JUNE	03	10	17	6	22	103	85	103(PM ₁₀)	Moderate
JULY	03	10	16	6	10	90	65	90(PM ₁₀)	Satisfactory
AUG	03	10	17	6	21	88	62	88(PM ₁₀)	Satisfactory
SEPT	03	10	17	6	22	92	63	92(PM ₁₀)	Satisfactory
OCT	03	10	17	6	23	100	78	100(PM ₁₀)	Satisfactory
NOV.	03	14	19	6	22	123	117	123(PM ₁₀)	Moderate
DEC.	03	10	17	6	10	115	103	115(PM ₁₀)	Moderate

8. Monthly AQI of Kalinganagar-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	03	7	17	8	22	116	107	116(PM ₁₀)	Moderate
FEB	03	7	17	9	23	110	95	110(PM ₁₀)	Moderate
MAR	03	7	17	8	23	113	93	113(PM ₁₀)	Moderate
APR	03	8	18	8	22	97	67	97(PM ₁₀)	Satisfactory
MAY	03	9	17	8	22	82	58	82(PM ₁₀)	Satisfactory
JUNE	03	10	18	8	23	96	68	96(PM ₁₀)	Satisfactory
JULY	03	8	17	8	22	71	57	71(PM ₁₀)	Satisfactory
AUG	03	8	18	7	22	86	68	86(PM ₁₀)	Satisfactory
SEPT	03	7	18	6	23	77	73	77(PM ₁₀)	Satisfactory
OCT	03	9	19	7	22	96	87	96(PM ₁₀)	Moderate
NOV.	03	10	17	8	24	106	93	106(PM ₁₀)	Moderate
DEC.	03	10	17	8	25	99	93	99(PM ₁₀)	Moderate

9. Monthly AQI of Keonjhar-2023

Month	No of Monitoring Station	Sub Index AQI Values					AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	PM ₁₀	PM _{2.5}		
JAN	01	3	18	9	129	137	137(PM _{2.5})	Moderate
FEB	01	3	19	10	118	90	118(PM ₁₀)	Moderate
MAR	01	3	18	8	117	97	117(PM ₁₀)	Moderate
APR	01	3	18	8	108	90	108(PM ₁₀)	Moderate
MAY	01	3	16	7	86	77	86(PM ₁₀)	Satisfactory
JUNE	01	3	15	7	79	63	79(PM ₁₀)	Satisfactory
JULY	01	3	12	8	43	35	43(PM ₁₀)	Good
AUG	01	3	11	7	63	55	63(PM ₁₀)	Satisfactory
SEPT	01	3	11	7	53	50	53(PM ₁₀)	Satisfactory
OCT	01	3	14	7	90	87	90(PM ₁₀)	Satisfactory
NOV.	01	3	18	10	110	117	117(PM ₁₀)	Moderate
DEC.	01	3	19	12	117	173	173(PM _{2.5})	Moderate

10. Monthly AQI of Konark-2023

Month	No of Monitoring Station	Sub Index AQI Values							AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	Pb	PM ₁₀	PM _{2.5}		
JAN	01	3	15	9	25	-	105	67	105(PM ₁₀)	Moderate
FEB	01	3	15	9	25	-	92	58	92(PM ₁₀)	Satisfactory
MAR	01	3	16	9	24	-	74	43	74(PM ₁₀)	Satisfactory
APR	01	3	17	8	25	-	60	52	60(PM ₁₀)	Satisfactory
MAY	01	3	15	7	24	1.7	46	40	46(PM ₁₀)	Good
JUNE	01	3	16	7	24	-	50	40	50(PM ₁₀)	Good
JULY	01	3	15	9	24	-	32	28	32(PM ₁₀)	Good
AUG	01	3	16	10	25	-	33	28	33(PM ₁₀)	Good
Sept.	01	3	14	11	26	-	32	30	32(PM ₁₀)	Good
OCT	01	3	14	9	26	-	63	43	63(PM ₁₀)	Satisfactory
NOV	01	3	14	6	21	-	103	75	103(PM ₁₀)	Moderate
DEC	01	3	15	6	27	-	69	47	69(PM ₁₀)	Satisfactory

11. Monthly AQI of Paradeep-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	03	20	13	29	22	138	137	138(PM ₁₀)	Moderate
FEB	03	20	15	28	26	105	85	105(PM ₁₀)	Moderate
MAR	03	19	15	30	26	83	75	83(PM ₁₀)	Satisfactory
APR	03	17	14	30	26	72	63	72(PM ₁₀)	Satisfactory
MAY	03	19	13	31	24	75	65	75(PM ₁₀)	Satisfactory
JUNE	03	19	13	31	22	76	65	76(PM ₁₀)	Satisfactory
JULY	03	17	12	28	10	53	38	53(PM ₁₀)	Satisfactory
AUG	03	17	13	29	10	53	42	53(PM ₁₀)	Satisfactory
SEPT	03	18	14	29	10	53	43	53(PM ₁₀)	Satisfactory
OCT	03	17	13	29	10	93	68	93(PM ₁₀)	Satisfactory
NOV.	03	18	16	28	22	115	92	115(PM ₁₀)	Moderate
DEC.	03	24	17	27	21	119	120	120(PM _{2.5})	Moderate

12. Monthly AQI of Puri-2023

Month	No of Monitoring Station	Sub Index AQI Values							AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	Pb	PM ₁₀	PM _{2.5}		
JAN	01	3	18	10	10	-	103	47	103(PM ₁₀)	Moderate
FEB	01	3	17	11	20	-	106	50	106(PM ₁₀)	Moderate
MAR	01	3	17	11	20	-	107	48	107(PM ₁₀)	Moderate
APR	01	3	17	11	20	-	100	43	100(PM ₁₀)	Satisfactory
MAY	01	3	16	11	20	-	98	42	98(PM ₁₀)	Satisfactory
JUNE	01	3	17	11	20	-	95	40	95(PM ₁₀)	Satisfactory
JULY	01	3	15	10	20	-	90	35	90(PM ₁₀)	Satisfactory
AUG	02	3	16	10	20	-	90	35	90(PM ₁₀)	Satisfactory
SEPT	02	3	13	9	20	-	71	33	71(PM ₁₀)	Satisfactory
OCT	02	3	14	10	20	-	89	40	89(PM ₁₀)	Satisfactory
NOV.	02	3	17	11	22	-	116	65	116(PM ₁₀)	Moderate
DEC.	02	3	15	11	20	-	100	43	100(PM ₁₀)	Satisfactory

13. Monthly AQI of Rayagada-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	02	8	21	7	22	87	75	87(PM ₁₀)	Satisfactory
FEB	02	8	21	7	23	88	77	88(PM ₁₀)	Satisfactory
MAR	02	8	21	7	22	83	65	83(PM ₁₀)	Satisfactory
APR	02	7	21	8	23	86	55	86(PM ₁₀)	Satisfactory
MAY	02	6	19	8	23	86	42	86(PM ₁₀)	Satisfactory
JUNE	02	6	18	8	23	87	43	87(PM ₁₀)	Satisfactory
JULY	02	7	21	8	10	69	30	69(PM ₁₀)	Satisfactory
AUG	02	9	25	9	22	64	42	64(PM ₁₀)	Satisfactory
SEPT	02	11	25	7	24	62	50	62(PM ₁₀)	Satisfactory
OCT	02	16	29	10	27	78	65	78(PM ₁₀)	Satisfactory
NOV.	02	19	30	10	28	92	72	92(PM ₁₀)	Satisfactory
DEC.	02	14	27	10	10	75	58	75(PM ₁₀)	Satisfactory

14. Monthly AQI of Rajgangpur-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	01	16	18	6	27	117	88	117(PM ₁₀)	Moderate
FEB	01	17	18	6	28	119	87	119(PM ₁₀)	Moderate
MAR	01	16	20	6	27	130	97	130(PM ₁₀)	Moderate
APR	01	17	19	6	31	117	77	117(PM ₁₀)	Moderate
MAY	01	18	19	6	32	120	85	120(PM ₁₀)	Moderate
JUNE	01	18	20	6	36	119	87	119(PM ₁₀)	Moderate
JULY	01	11	15	3	21	77	52	77(PM ₁₀)	Satisfactory
AUG	01	12	16	5	23	68	47	68(PM ₁₀)	Satisfactory
SEPT	01	10	16	6	26	61	48	61(PM ₁₀)	Satisfactory
OCT	01	14	19	6	33	96	70	96(PM ₁₀)	Satisfactory
NOV.	01	18	25	6	23	116	82	116(PM ₁₀)	Moderate
DEC.	01	18	25	6	26	117	82	117(PM ₁₀)	Moderate

15. Monthly AQI of Rourkela-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	04	18	22	7	29	170	160	170(PM ₁₀)	Moderate
FEB	04	15	21	6	28	175	117	175(PM ₁₀)	Moderate
MAR	04	15	20	6	26	169	98	169(PM ₁₀)	Moderate
APR	04	16	18	6	26	167	98	167(PM ₁₀)	Moderate
MAY	04	15	17	8	25	153	87	153(PM ₁₀)	Moderate
JUNE	04	14	17	6	26	143	83	143(PM ₁₀)	Moderate
JULY	04	14	16	6	26	105	67	105(PM ₁₀)	Moderate
AUG	04	13	16	6	25	96	60	96(PM ₁₀)	Satisfactory
SEPT	04	13	15	6	24	85	58	85(PM ₁₀)	Satisfactory
OCT	04	12	15	6	25	101	67	101(PM ₁₀)	Moderate
NOV.	04	15	17	6	24	130	100	130(PM ₁₀)	Moderate
DEC.	04	21	16	6	24	122	78	122(PM ₁₀)	Moderate

16. Monthly AQI of Sambalpur-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	01	12	34	6	26	152	127	152(PM ₁₀)	Moderate
FEB	01	12	33	7	25	148	120	148(PM ₁₀)	Moderate
MAR	01	11	32	6	24	125	92	125(PM ₁₀)	Moderate
APR	01	9	30	6	23	85	58	85(PM ₁₀)	Satisfactory
MAY	01	8	29	5	21	88	55	88(PM ₁₀)	Satisfactory
JUNE	01	7	26	5	10	74	43	74(PM ₁₀)	Satisfactory
JULY	01	6	24	5	10	48	28	48(PM ₁₀)	Good
AUG	01	7	26	5	10	58	38	58(PM ₁₀)	Satisfactory
SEPT	01	7	27	5	10	63	47	63(PM ₁₀)	Satisfactory
OCT	01	9	31	6	22	108	72	108(PM ₁₀)	Moderate
NOV.	01	16	39	7	27	141	113	141(PM ₁₀)	Moderate
DEC.	01	13	41	7	26	143	123	143(PM ₁₀)	Moderate

17. Monthly AQI of Talcher-2023

Month	No of Monitoring Station	Sub Index AQI Values						AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	NH ₃	O ₃	PM ₁₀	PM _{2.5}		
JAN	02	15	37	8	22	127	78	127(PM ₁₀)	Moderate
FEB	02	16	37	8	10	136	80	136(PM ₁₀)	Moderate
MAR	02	15	33	8	21	123	73	123(PM ₁₀)	Moderate
APR	02	16	33	8	27	118	80	118(PM ₁₀)	Moderate
MAY	02	14	34	8	27	113	85	113(PM ₁₀)	Moderate
JUNE	02	13	32	8	26	100	68	100(PM ₁₀)	Satisfactory
JULY	02	11	28	8	10	73	50	73(PM ₁₀)	Satisfactory
AUG	02	13	28	8	10	74	55	74(PM ₁₀)	Satisfactory
SEPT	02	12	28	8	10	66	48	66(PM ₁₀)	Satisfactory
OCT	02	14	30	8	10	88	68	88(PM ₁₀)	Satisfactory
NOV.	02	20	33	9	21	123	100	123(PM ₁₀)	Moderate
DEC.	02	14	32	8	10	123	87	123(PM ₁₀)	Moderate

18. Monthly AQI of Kandhamal-2023

Month	No of Monitoring Station	Sub Index AQI Values				AQI w. r. t Prominent Pollutant	Categorisation
		SO ₂	NO ₂	PM ₁₀	PM _{2.5}		
APR	02	6	17	66	48	66(PM ₁₀)	Satisfactory
MAY	02	7	18	65	37	65(PM ₁₀)	Satisfactory
JUNE	02	7	17	58	33	58(PM ₁₀)	Satisfactory
JULY	02	6	19	41	21	41(PM ₁₀)	Good
AUG	02	6	19	39	28	39(PM ₁₀)	Good
SEPT	02	6	19	40	28	40 (PM ₁₀)	Good
OCT	02	6	20	60	25	60(PM ₁₀)	Satisfactory
NOV.	02	7	20	73	45	73(PM ₁₀)	Satisfactory
DEC.	02	7	20	78	58	78(PM ₁₀)	Satisfactory

