



Pollution Control Board, Assam
Bamunimaidam, Guwahati-21

Weekly Average Ambient Air Quality data of Guwahati city for the month of May/2016

Report no: AAW-12/16

Date: 18.06.2016

NAMP Station	First week 02.05.2016 to 06.05.2016			Second week 09.05.2016 to 13.05.2016			Third week 16.05.2016 to 20.05.2016			Fourth week 23.05.2016 to 27.05.2016			Fifth week 30.05.2016 to 31.05.2016		
	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)
Head Office, Bamunimaidam, Guwahati-21	98.94	8.30	14.15	120.72	8.35	17.25	67.26	7.25	15.00	99.65	7.80	15.25	75.61	7.25	12.50
Khanapara Guwahati-22	94.68	6.95	14.50	104.74	6.95	14.00	82.98	7.10	14.30	83.05	7.10	14.60	112.24	7.63	14.63
Boragaon Guwahati-34	66.11	9.05	15.55	68.29	7.40	16.50	57.07	8.80	16.40	86.37	8.40	16.00	79.55	9.00	16.75
ITI, Gopinathnagar Guwahati-16	101.52	8.05	16.50	116.84	7.85	14.60	78.76	6.15	13.55	85.84	6.48	14.45	76.68	6.50	15.12
Guwahati University Guwahati-14	87.05	6.75	15.50	89.59	7.80	15.50	76.94	5.20	13.45	92.33	6.85	15.05	74.03	5.37	12.75
Pragjyotish College, Santipur Guwahati-9	79.57	8.65	15.60	85.54	8.75	15.45	79.64	7.70	15.65	90.12	7.75	15.25	104.12	7.63	12.50
Average value for Guwahati City	87.97	7.96	15.30	97.62	7.85	15.55	73.77	7.03	14.73	89.56	7.39	15.10	87.03	7.23	14.04

Chief Env. Scientist

Pollution Control Board, Assam

Air Quality Index is a tool for effective communication of air quality status to people in terms, which are easy to understand. It transforms complex air quality data of various pollutants into a single number (index value), nomenclature and colour

Monthly Average AQI value of Guwahati City for the month **May 2016** considering six different stations
complex air quality data of various pollutants into a single number (index value), nomenclature and colour

Air Quality Index

Date 02-05-2016 to 31-05-2016	Station Guwahati City City Guwahati State Assam
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Pollutants		Concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index				Air Quality Index
				check			
PM10	24 hrs Avg	86.3	86	1	AQI=	86	
SO2	24 hrs Avg	7.52	9	1			
NOX	24 hrs Avg	15.05	19	1			

* Concentrations of minimum three pollutants are required, one of them should be PM10 or PM2.5

*The check displays "1" when a non-zero value is entered

Good (0-50)	Minimal Impact	Poor (201-300)	Breathing discomfort
Satisfactory (51-100)	Minor breathing discomfort to sensitive people	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	Severe (>401)	Respiratory effects even on healthy people