



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 **March 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		Station		City		State	
01-03-2016 to 31-03-2016		Guwahati City		Guwahati		Assam	
Pollutants		Concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check		Air Quality Index	
PM10	24 hrs Avg	191.45	161	1		AQI=	161
SO2	24 hrs Avg	9.52	12	1			
NOX	24 hrs Avg	20.02	25	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

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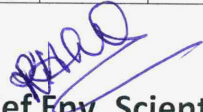
Pollution Control Board, Assam
Bamunimaidam, Guwahati-21

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

Report no:AAW-10/16

Date:16.05.2016

NAMP Station	First week 01.03.2016 to 05.03.2016			Second week 07.03.2016 to 11.03.2016			Third week 14.03.2016 to 19.03.2016			Fourth week 21.03.2016 to 25.03.2016			Fifth week 28.03.2016 to 31.03.2016		
	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	161.00	12.00	19.00	159.00	11.00	19.00	263.00	10.00	20.00	199.00	9.00	19.00	128.00	9.00	20.00
Khanapara Guwahati-22	216.00	10.00	23.00	246.00	10.00	23.00	210.00	9.00	23.00	136.00	9.00	23.00	160.00	8.00	19.00
Boragaon Guwahati-34	185.00	11.00	19.00	202.00	16.00	19.00	215.00	9.00	19.00	241.00	9.00	17.00	110.00	8.00	18.00
ITI, Gopinathnagar Guwahati-16	290.00	9.00	24.00	267.00	9.00	23.00	303.00	8.00	22.00	216.00	9.00	22.00	154.00	7.00	17.00
Guwahati University Guwahati-14	145.00	10.00	24.00	153.00	8.00	24.00	216.00	9.00	24.00	213.00	9.00	23.00	119.00	10.00	19.00
Pragjyotish College, Santipur Guwahati-9	128.00	9.00	16.00	141.00	9.00	19.00	160.00	9.00	21.00	120.00	10.00	17.00	121.00	9.00	18.00
Average value for Guwahati City	187.50	10.17	20.83	194.67	10.50	21.17	227.83	9.00	21.50	187.50	9.17	20.17	132.00	8.50	18.50


Chief Env. Scientist