

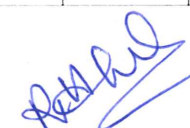
**Pollution Control Board, Assam**  
**Bamunimaidam, Guwahati-21**

**Weekly Average Ambient Air Quality data of Guwahati city for the month of November'2016**

Report no: AAW-18/16

Date: 12.12.2016

NAMP Station	First week 01.10.2016			Second week 03.10.2016 to 08.10.2016			Third week 11.10.2016 to 15.10.2016			Fourth week 18.10.2016 to 21.10.2016			Fifth week 24.10.2016 to 31.10.2016		
	PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )
Head Office, Bamunimaidam, Guwahati-21	73.50	9.83	16.33	70.89	11.11	16.66	82.83	10.83	16.41	72.66	9.33	19.83	93.33	10.50	16.16
Khanapara Guwahati-22	95.78	10.00	18.00	99.16	9.50	16.50	92.33	8.61	16.22	108.66	9.25	16.58	101.16	11.66	20.75
Boragaon Guwahati-34	67.16	9.67	18.41	63.44	10.05	17.61	84.22	10.22	17.33	96.55	11.72	17.33	111.16	12.58	18.33
ITI, Gopinath Nagar Guwahati- 16	127.50	11.83	21.75	106.33	11.27	16.77	171.66	11.39	17.22	178.40	12.77	17.22	167.00	11.75	18.42
Guwahati University Guwahati-14	70.67	8.34	17.50	58.55	9.78	16.88	63.50	9.17	16.58	97.89	11.22	19.33	88.66	11.25	18.00
Pragjyotish College, Santipur Guwahati-9	99.22	12.27	17.28	94.33	9.50	17.22	102.50	8.75	17.25	105.22	9.27	17.16	112.50	10.75	19.25
Average value for Guwahati City	88.97	10.32	18.21	82.12	10.20	16.94	99.51	9.83	16.84	109.90	10.59	17.91	112.30	11.42	18.49



**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 **November** 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 Guwahati City
12-13-2016	City Guwahati
	State Assam

Pollutants		Concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index				Air Quality Index
				check			
PM10	24 hrs Avg	97.88	98	1	AQI=	98	98
SO2	24 hrs Avg	10.4	13	1			
NOX	24 hrs Avg	17.57	22	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