



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

Weekly Average Ambient Air Quality data of Guwahati city for the month of August/2015

Report no:AAW-03/15

Date 16.09.2015

NAMP Station	First week 01.08.2015			Second week 03.08.2015-07.08.2015			Third week 10.08.2015-14.08.2015			Fourth week 17.08.2015-21.08.2015			Fifth week 24.08.2015-31.08.2015		
	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	64.86	5.00	9.75	64.88	5.50	10.37	65.29	5.23	10.50	64.50	5.05	10.05	69.01	6.35	11.28
Khanapara Guwahati-22	70.82	6.50	11.50	70.26	6.32	10.00	71.68	5.23	9.86	66.25	6.17	12.00	72.55	6.25	11.71
Boragaon Guwahati-34	-----	-----	-----	63.17	5.75	11.00	63.94	5.75	11.00	60.48	5.25	10.50	66.47	5.83	11.00
ITI, Gopinathnagar Guwahati-16	62.72	4.75	10.25	74.61	5.75	11.90	78.44	5.75	11.55	64.00	4.50	10.05	71.91	5.17	10.89
Pragjyotish College, Santipur Guwahati-9	59.48	5.25	11.50	73.15	6.00	12.10	71.51	5.80	11.65	63.19	5.25	10.38	67.99	6.00	11.68
Guwahati University Guwahati-14	-----	-----	-----	69.49	5.25	12.55	75.38	5.20	11.40	66.84	4.80	12.10	59.68	5.37	10.54
Average value for Guwahati City	64.47	5.38	10.75	69.26	5.76	11.32	71.04	5.49	10.99	64.21	5.17	10.85	67.94	5.83	11.18

  
**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

Average AQI value of **Guwahati City** for the month August 2015 considering six different stations.

### Air Quality Index

Date 01-08-2015 to 31-08-2015	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	check		Air Quality Index
PM10	24 hrs Avg	67.47	67	1	<b>AQI=</b>	<b>67</b>
SO2	24 hrs Avg	5.53	7	1		
NOX	24 hrs Avg	11.05	14	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