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

**Weekly Average Ambient Air Quality data of Guwahati city for the month of April, 2017**

Report No: AAW-23/17

Date: 08.05.2017

NAMP Station	First week			Second week (03.04.2017 to 07.04.2017)			Third week (10.04.2017 to 15.04.2017)			Fourth week (17.04.2017 to 21.04.2017)			Fifth week (24.04.2017 to 29.04.2017)		
	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				63.00	6.88	15.45	189.00	6.92	16.83	135.22	6.22	15.61	118.00	7.67	16.06
Khanapara Guwahati- 22				82.55	7.22	16.27	111.44	7.92	18.83	120.11	5.94	16.39	119.00	5.77	14.50
Boragaon Guwahati- 34				102.50	7.58	17.92	200.67	7.00	16.88	72.83	7.33	17.67	115.44	6.27	15.50
ITI, Gopinathnagar Guwahati-16				82.11	6.33	15.77	248.16	7.00	15.92	138.11	6.05	15.77	149.89	6.55	16.55
Guwahati University Guwahati-14				71.55	6.94	16.94	176.66	8.25	18.08	136.50	7.66	16.66	113.84	6.22	17.44
Pragjyotish College, Santipur Guwahati-9				72.66	7.38	17.88	182.00	7.42	15.84	95.44	6.39	15.44	77.99	5.61	14.72
Average value for Guwahati City				79.06	7.06	16.71	184.66	7.42	17.06	116.37	6.60	16.26	115.69	6.35	15.80

**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 **April 2017** 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
08-05-17	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	121.73	114	1	<b>AQI=</b>	<b>114</b>	
SO2	24 hrs Avg	6.78	8	1			
NOX	24 hrs Avg	16.38	20	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