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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 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		
01-04-2016 to 30-04-2016		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	96.16	96	1	AQI=	96
SO2	24 hrs Avg	8.4	11	1		
NOX	24 hrs Avg	15.75	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



Pollution Control Board, Assam
Bamunimaidam, Guwahati-21

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

Report no:AAW-11/16

Date:25.05.2016

NAMP Station	First week 01.04.2016 to 02.04.2016			Second week 04.04.2016 to 08.04.2016			Third week 11.04.2016 to 16.04.2016			Fourth week 18.04.2016 to 22.04.2016			Fifth week 25.04.2016 to 30.04.2016		
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)
Head Office, Bamunimaidam, Guwahati-21	73.00	10.00	15.00	91.00	11.00	15.00	88.00	11.00	15.00	109.00	9.00	16.00	103.00	8.00	17.00
Khanapara Guwahati-22	92.00	7.00	19.00	96.00	6.00	18.00	89.00	7.00	16.00	81.00	6.00	16.00	69.00	7.00	21.00
Boragaon Guwahati-34	56.00	8.00	14.00	90.00	8.00	15.00	141.00	10.00	16.00	76.00	9.00	16.00	108.00	10.00	15.00
ITI, Gopinath Nagar Guwahati-16	162.00	8.00	18.00	118.00	8.00	19.00	140.00	8.00	18.00	74.00	8.00	15.00	111.00	7.00	15.00
Gauhati University Guwahati-14	128.00	7.00	14.00	80.00	8.00	16.00	106.00	8.00	14.00	50.00	6.00	14.00	111.00	9.00	18.00
Pragjyotish College, Shantipur Guwahati-9	191.00	7.00	14.00	105.00	8.00	15.00	129.00	9.00	16.00	130.00	9.00	15.00	96.00	9.00	14.00
Average value for Guwahati City	117.00	7.83	15.66	96.66	8.16	16.33	115.50	8.83	15.83	86.67	7.83	15.33	99.66	8.33	16.66

Chief Env. Scientist