

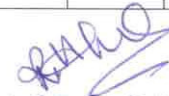
Pollution Control Board, Assam
Bamunimaidam, Guwahati-21

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

Report no:AAW-06/15

Date 11.12.2015

NAMP Station	First week 02.11.15-07.11.15			Second week 09.11.15-13.11.15			Third week 16.11.15-21.11.15			Fourth week 23.11.15-27.11.15			Fifth week 30.11.15		
	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	90.42	9.33	13.79	103.75	9.88	14.50	75.92	7.29	13.92	78.33	7.33	13.58	83.00	7.50
Khanapara Guwahati-22	74.83	6.17	13.71	92.38	10.69	17.63	72.83	6.63	13.58	68.33	5.67	13.08	73.00	7.50	13.50
Boragaon Guwahati-34	78.50	8.30	14.05	78.13	8.75	13.88	77.80	7.50	13.65	77.67	7.33	12.75	77.00	7.00	13.25
ITI, Gopinathnagar Guwahati-16	76.92	6.17	12.04	102.25	8.38	14.94	91.7	7.21	13.67	89.33	6.50	13.08	85.50	6.75	14.75
Pragjyotish College, Santipur Guwahati-9	75.33	6.83	13.54	89.00	8.13	15.56	72.75	6.71	13.08	72.33	6.50	13.58	75.00	6.50	15.25
Guwahati University Guwahati-14	73.00	6.05	14.25	77.83	6.92	14.83	76.40	6.70	14.10	76.67	7.08	14.58	69.50	8.00	15.50
Average value for Guwahati City	78.17	7.14	13.56	90.56	8.79	15.22	77.81	7.01	13.67	77.11	6.74	13.44	77.17	7.21	14.42


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 **November 2015** considering six different stations.

Air Quality Index

Date

01-11-2015 to 30-11-2015

Station Guwahati City

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	80.33	80	1	AQI=	80
SO2	24 hrs Avg	7.39	9	1		
NOX	24 hrs Avg	13.95	17	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