

Calculation of AQI

Date DD-MM-YYYY		Station City: NSIT State: Delhi	
Pollutants	concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	Air Quality Index
PM10	24-hr avg 50.00	50	AQI = 75
PM2.5	24-hr avg 45.00	75	
SO2	24-hr avg 50.00	63	
NOx	24-hr avg 30.00	38	
*CO (mg/m^3)	max 8-hr 0.00	0	
O3	max 8-hr 57.00	57	
NH3	24-hr avg 34.00	9	

check

* 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 to people on prolonged exposure
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