

Calculation of AQI

Date				Station	Export promotional park ITPL	
November - 2016				City	Bangalore	
				State	Karnataka	
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	150.00	150	check		
PM2.5	Monthly avg	62.00	107	1		
SO2	Monthly avg	0.00	0	0		
NO2	Monthly avg	32.00	40	1		
*CO (mg/m3)	Monthly avg	0.00	0	0		
O3	Monthly avg	0.00	0	0		
NH3	Monthly avg	19.00	5	1		
					AQI =	150

* 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

Calculation of AQI

Date		Station	KHB Indl Area, Yelahanka
November - 2016		City	Bangalore
		State	Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	Monthly avg	126.00	117	check	AQI = 117
PM2.5	Monthly avg	63.00	110	1	
SO2	Monthly avg	0.00	0	0	
NO2	Monthly avg	24.00	30	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	20.00	5	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 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

Calculation of AQI

Date November - 2016	Station Peenya Indl Area	City Bangalore	
	State Karnataka		

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	98.00	98	check	1	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">AQI =</div> <div style="background-color: #92d050; padding: 20px; border: 2px solid black; font-size: 24px; font-weight: bold;">98</div> </div>
PM2.5	Monthly avg	47.00	78		1	
SO2	Monthly avg	0.00	0		0	
NO2	Monthly avg	25.00	31		1	
*CO (mg/m3)	Monthly avg	0.00	0		0	
O3	Monthly avg	0.00	0		0	
NH3	Monthly avg	21.00	5		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 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

Calculation of AQI

Date	November - 2016	Station	Yeshwanthpura
		City	Bangalore
		State	Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check		Air Quality Index
PM10	Monthly avg	92.00	92	1		AQI = 92
PM2.5	Monthly avg	46.00	77	1		
SO2	Monthly avg	0.00	0	0		
NO2	Monthly avg	33.00	41	1		
*CO (mg/m3)	Monthly avg	0.00	0	0		
O3	Monthly avg	0.00	0	0		
NH3	Monthly avg	27.00	7	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 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

Calculation of AQI

Date November - 2016	Station Amco Batteries Msore Road
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	120.00	113	1	AQI = 113
PM2.5	Monthly avg	60.00	100	1	
SO2	Monthly avg	0.00	0	0	
NO2	Monthly avg	31.00	39	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	22.00	6	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 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

Calculation of AQI

Date November - 2016		Station Central Silk Board	City Bangalore	State Karnataka	
Pollutants	concentration in µg/m³ (except for CO)	Sub-Index	check	Air Quality Index	
PM10	Monthly avg 134.00	123	1	AQI = 137	
PM2.5	Monthly avg 71.00	137	1		
SO ₂	Monthly avg 0.00	0	0		
NO ₂	Monthly avg 31.00	39	1		
*CO (mg/m ³)	Monthly avg 0.00	0	0		
O ₃	Monthly avg 0.00	0	0		
NH ₃	Monthly avg 22.00	6	1		
<p>* Concentrations of minimum three pollutants are required; one of them should be PM10 or PM2.5</p> <p>* The check displays "1" when a non-zero value is entered</p>					
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	

Calculation of AQI

Date November - 2016	Station Victoria Hospital	City Bangalore
	State Karnataka	

Pollutants	concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg 78.00	78	1	<div style="font-size: 2em; font-weight: bold;">AQI = 78</div>
PM2.5	Monthly avg 36.00	60	1	
SO2	Monthly avg 0.00	0	0	
NO2	Monthly avg 28.00	35	1	
*CO (mg/m3)	Monthly avg 0.00	0	0	
O3	Monthly avg 0.00	0	0	
NH3	Monthly avg 20.00	5	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 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

Calculation of AQI

Date				Station	Indira Gandhi CHC-NIMHANS	
November - 2016				City	Bangalore	
				State	Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index	
PM10	Monthly Avg	86.00	86	1	AQI = 86	
PM2.5	Monthly Avg	39.00	65	1		
SO2	Monthly Avg	0.00	0	0		
NO2	Monthly Avg	25.00	31	1		
*CO (mg/m3)	Monthly Avg	0.00	0	0		
O3	Monthly Avg	0.00	0	0		
NH3	Monthly Avg	15.00	4	1		
<small>* 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</small>						
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	

Calculation of AQI

Date			Station	City Railway Station	
November - 2016			City	Bangalore	
			State	Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	mothly Avg	134.00	123	check 1	AQI = 123
PM2.5	mothly Avg	0.00	0	0	
SO2	mothly Avg	7.40	9	1	
NO2	mothly Avg	42.30	53	1	
*CO (mg/m^3)	mothly Avg	0.90	45	1	
O3	mothly Avg	0.00	0	0	
NH3	mothly Avg	0.00	0	0	
<p>* Concentrations of minimum three pollutants are required; one of them should be PM10 or PM2.5</p> <p>* The check displays "1" when a non-zero value is entered</p>					
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

Calculation of AQI

Date November - 2016	Station Saneguruvanahalli-CAAQM
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	monthly avg	50.00	50	check 1	AQI = <div style="border: 2px solid black; background-color: #90EE90; padding: 10px; display: inline-block; font-size: 24px; font-weight: bold;">69</div>
PM2.5	monthly avg	0.00	0	0	
SO2	monthly avg	2.20	3	1	
NO2	monthly avg	55.20	69	1	
*CO (mg/m3)	monthly avg	0.50	25	1	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	0.00	0	0	

* 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

Calculation of AQI

Date November - 2016	Station Kajisonnenahalli
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	monthly avg	88.00	88	check 1	AQI = 88
PM2.5	monthly avg	0.00	0	0	
SO2	monthly avg	0.00	0	0	
NO2	monthly avg	19.00	24	1	
*CO (mg/m3)	monthly avg	0.00	0	0	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	13.00	3	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 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

Calculation of AQI

Date November - 2016	Station UVCE K R Circle
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	monthly avg	112.00	108	check	AQI = 108
PM2.5	monthly avg	0.00	0	0	
SO2	monthly avg	0.00	0	0	
NO2	monthly avg	24.70	31	1	
*CO (mg/m3)	monthly avg	0.00	0	0	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	29.50	7	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 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

Calculation of AQI

Date November - 2016	Station Swan Silk Pvt.Ltd, Peenya
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	monthly avg	139.00	126	check 1	AQI = 127
PM2.5	monthly avg	68.00	127	1	
SO2	monthly avg	0.00	0	0	
NO2	monthly avg	27.00	34	1	
*CO (mg/m^3)	monthly avg	0.00	0	0	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	20.00	5	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 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

Calculation of AQI

Date	November - 2016	Station	Regional Office-Tumkur
		City	Tumkur
		State	Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index
PM10	monthly avg	139.00	126	1	AQI = 126
PM2.5	monthly avg	0.00	0	0	
SO2	monthly avg	0.00	0	0	
NO2	monthly avg	27.00	34	1	
*CO (mg/m3)	monthly avg	0.00	0	0	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	16.00	4	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
Satisfactory (51-100)	Minor breathing discomfort to sensitive people
Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults

Poor (201-300)	Breathing discomfort to people on prolonged exposure
Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
Severe (>401)	Respiratory effects even on healthy people

Calculation of AQI

Date	November - 2016	Station	Regional Office - Kolar
		City	Kolar
		State	Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index
PM10	monthly avg	80.00	80	1	AQI = 80
PM2.5	monthly avg	41.00	68	1	
SO2	monthly avg	0.00	0	0	
NO2	monthly avg	24.00	30	1	
*CO (mg/m3)	monthly avg	0.00	0	0	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	19.00	5	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
Satisfactory (51-100)	Minor breathing discomfort to sensitive people
Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults

Poor (201-300)	Breathing discomfort to people on prolonged exposure
Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
Severe (>401)	Respiratory effects even on healthy people

AAQM results for the month of Nov-2016

Sl. No.	Name of the Monitoring Station	Date of Monitoring	(24 hrs Time Weighted Average)						
			PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	NH ₃ µg/m ³	Pb µg/m ³	CO mg/m ³
1	AMCO Batteries,	For Nov-2016	120.0	60.0	BDL	31.0	22.0	0.330	*
2	Central Silk Board, Hosur Road,	For Nov-2016	134.0	71.0	BDL	31.0	22.0	0.114	*
3	Indhira Gandhi Children Health Care	For Nov-2016	86.0	39.0	BDL	25.0	15.0	0.137	*
4	Graphite India Ltd., White Field Road.	For Nov-2016	150.0	62.0	BDL	32.0	19.0	0.100	*
5	Mr. Madhachari's House Kazisonnenih	For Nov-2016	88.0	*	BDL	19.0	13.0	0.129	*
6	KHB Ind. Area, Yelahanka	For Nov-2016	126.0	63.0	BDL	24.0	20.0	0.075	*
7	Swan Silk Pvt. Ltd., Peenya	For Nov-2016	139.0	68.0	BDL	27.0	20.0	0.188	*
8	Urban Eco Park, Peenya	For Nov-2016	98.0	47.0	BDL	25.0	21.0	0.140	*
9	Victoria Hospital, K. R. Market	For Nov-2016	78.0	36.0	BDL	28.0	20.0	0.072	*
10	Yeswanthapura Police Station	For Nov-2016	92.0	46.0	BDL	33.0	27.0	0.054	*
11	Terri Office, Old Air Port Road, Domlu	For Nov-2016	132.0	*	BDL	25.0	17.0	0.132	*
12	Banasawadi Police Station	For Nov-2016	88.0	*	BDL	24.0	21.4	0.310	*
13	UVCE, K.R Circle	For Nov-2016	112.0	*	BDL	24.7	29.5	0.257	*
14	City RailwayStation CAAQM	For Nov-2016	134.0	*	7.4	42.3	*	*	0.9
15	Sanegruvanahalli CAAQM	For Nov-2016	50.0	*	2.2	55.2	*	*	0.5
16	RO Tumkur	For Nov-2016	139.0	*	BDL	25.0	16.0	0.141	*
17	RO Kolar	For Nov-2016	80.0	41.0	BDL	24.0	19.0	0.240	*
Standards (24 hrs Time Weighted Average)			100.0	60.0	80.0	80.0	400.0	1.0	2.0