

## Calculation of AQI

<b>Date</b>				<b>Station</b>	Export promotional park ITPL	
November - 2016				<b>City</b>	Bangalore	
				<b>State</b>	Karnataka	
<b>Pollutants</b>		<b>concentration in µg/m3 (except for CO)</b>	<b>Sub-Index</b>			<b>Air Quality Index</b>
PM10	Monthly avg	150.00	150	check	1	<b>AQI = 150</b>
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	

\* 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

<b>Good (0-50)</b>	Minimal Impact	<b>Poor (201-300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51-100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301-400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101-200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people

## Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> KHB Indl Area, Yelahanka
	<b>City</b> Bangalore
	<b>State</b> Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	Monthly avg	126.00	117	check	<b>AQI = 117</b>
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

<b>Good (0–50)</b>	Minimal Impact	<b>Poor (201–300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51–100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301–400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101–200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people

## Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> Peenya Indl Area	<b>City</b> Bangalore	
	<b>State</b> Karnataka		

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			<b>Air Quality Index</b>
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

<b>Good</b> (0-50)	Minimal Impact	<b>Poor</b> (201-300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51-100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301-400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>401)	Respiratory effects even on healthy people

# Calculation of AQI

<b>Date</b>		<b>Station</b>	Yeshwanthpura
November - 2016		<b>City</b>	Bangalore
		<b>State</b>	Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	92.00	92	check 1	<b>AQI =</b> <div style="border: 2px solid black; background-color: #92d050; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <span style="font-size: 24px; font-weight: bold;">92</span> </div>
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

<b>Good (0–50)</b>	Minimal Impact	<b>Poor (201–300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51–100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301–400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101–200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people

# Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> Amco Batteries Msore Road
	<b>City</b> Bangalore
	<b>State</b> 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	<b>AQI = 113</b>
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

<b>Good (0-50)</b>	Minimal Impact	<b>Poor (201-300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51-100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301-400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101-200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people

## Calculation of AQI

<b>Date</b> November - 2016		<b>Station</b> Central Silk Board	<b>City</b> Bangalore	<b>State</b> Karnataka	
<b>Pollutants</b>	<b>concentration in µg/m<sup>3</sup> (except for CO)</b>	<b>Sub-Index</b>	<b>check</b>	<b>Air Quality Index</b>	
PM10	Monthly avg 134.00	123	1	<b>AQI =</b> <span style="background-color: yellow; padding: 10px; font-size: 24px; font-weight: bold;">137</span>	
PM2.5	Monthly avg 71.00	137	1		
SO <sub>2</sub>	Monthly avg 0.00	0	0		
NO <sub>2</sub>	Monthly avg 31.00	39	1		
*CO (mg/m <sup>3</sup> )	Monthly avg 0.00	0	0		
O <sub>3</sub>	Monthly avg 0.00	0	0		
NH <sub>3</sub>	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>					
<b>Good (0–50)</b>	Minimal Impact		<b>Poor (201–300)</b>	Breathing discomfort to people on prolonged exposure	
<b>Satisfactory (51–100)</b>	Minor breathing discomfort to sensitive people		<b>Very Poor (301–400)</b>	Respiratory illness to the people on prolonged exposure	
<b>Moderate (101–200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults		<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people	

## Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> Victoria Hospital	<b>City</b> Bangalore
	<b>State</b> Karnataka	

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	78.00	78	check		<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

<b>Good (0-50)</b>	Minimal Impact	<b>Poor (201-300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51-100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301-400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101-200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people

# Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> Indira Gandhi CHC-NIMHANS
	<b>City</b> Delhi
	<b>State</b> Delhi

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly Avg	86.00	86	check 1	<b>AQI =</b> <div style="border: 2px solid black; background-color: #90EE90; padding: 20px; display: inline-block; font-size: 24px; font-weight: bold;">86</div>
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	

\* 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

<b>Good (0-50)</b>	Minimal Impact	<b>Poor (201-300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51-100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301-400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101-200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people



## Calculation of AQI

Date	November - 2016		Station	City Railway Station	
			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	<b>AQI =</b>  <div style="background-color: yellow; border: 2px solid black; padding: 10px; display: inline-block; font-size: 24px; font-weight: bold;">123</div>
PM2.5	mothly Avg	0.00	0	0	
SO2	mothly Avg	7.40	9	1	
NO2	mothly Avg	42.30	53	1	
*CO ( $\text{mg}/\text{m}^3$ )	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>					
<b>Good</b> (0–50)	Minimal Impact			<b>Poor</b> (201–300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51–100)	Minor breathing discomfort to sensitive people			<b>Very Poor</b> (301–400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults			<b>Severe</b> (>401)	Respiratory effects even on healthy people

# Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> Saneguruvanahalli-CAAQM
	<b>City</b> Bangalore
	<b>State</b> 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	<b>AQI =</b> <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

<b>Good</b> (0–50)	Minimal Impact	<b>Poor</b> (201–300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51–100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301–400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>401)	Respiratory effects even on healthy people

# Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> Kajisonnenahalli
	<b>City</b> Bangalore
	<b>State</b> 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	<b>AQI =</b> <span style="background-color: #92d050; padding: 10px; font-size: 24px; font-weight: bold;">88</span>
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

<b>Good</b> (0-50)	Minimal Impact	<b>Poor</b> (201-300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51-100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301-400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>401)	Respiratory effects even on healthy people

## Calculation of AQI

<b>Date</b> November - 2016	<b>Station</b> UVCE K R Circle
	<b>City</b> Bangalore
	<b>State</b> Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	monthly avg	112.00	108	check	<b>AQI =</b> <span style="background-color: yellow; border: 2px solid black; padding: 10px; font-size: 24px; font-weight: bold;">108</span>
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

<b>Good</b> (0–50)	Minimal impact	<b>Poor</b> (201–300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51–100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301–400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>401)	Respiratory effects even on healthy people

## Calculation of AQI

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

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	monthly avg	139.00	126	check	<b>AQI =</b> <span style="background-color: yellow; border: 2px solid black; padding: 10px; font-size: 24px; font-weight: bold;">127</span>
PM2.5	monthly avg	68.00	127	1	
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	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

<b>Good</b> (0–50)	Minimal Impact	<b>Poor</b> (201–300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51–100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301–400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>401)	Respiratory effects even on healthy people

# Calculation of AQI

<b>Date</b>	November - 2016	<b>Station</b>	Regional Office-Tumkur
		<b>City</b>	Tumkur
		<b>State</b>	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	<b>AQI = 126</b>
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

<b>Good</b> (0-50)	Minimal Impact
<b>Satisfactory</b> (51-100)	Minor breathing discomfort to sensitive people
<b>Moderate</b> (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults

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

# Calculation of AQI

<b>Date</b>	November - 2016	<b>Station</b>	Regional Office - Kolar
		<b>City</b>	Kolar
		<b>State</b>	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	<b>AQI = 80</b>
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

<b>Good (0-50)</b>	Minimal Impact
<b>Satisfactory (51-100)</b>	Minor breathing discomfort to sensitive people
<b>Moderate (101-200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults

<b>Poor (201-300)</b>	Breathing discomfort to people on prolonged exposure
<b>Very Poor (301-400)</b>	Respiratory illness to the people on prolonged exposure
<b>Severe (&gt;401)</b>	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 <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
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	*
<b>Standards (24 hrs Time Weighted Average)</b>			<b>100.0</b>	<b>60.0</b>	<b>80.0</b>	<b>80.0</b>	<b>400.0</b>	<b>1.0</b>	<b>2.0</b>