

Calculation of AQI

Calculation of AQI						
Date			Station	Export promotional park ITPL		
Month -Aug 2016			City	Bangalore		
			State	Karnataka		
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	79.00	79	check 1		<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">AQI =</div> <div style="background-color: #76b82a; color: white; padding: 20px 40px; border: 2px solid black; font-size: 24px; font-weight: bold;">79</div> </div>
PM2.5	Monthly avg	42.00	70	1		
SO2	Monthly avg	2.00	3	1		
NO2	Monthly avg	35.30	44	1		
*CO (mg/m3)	Monthly avg	0.00	0	0		
O3	Monthly avg	0.00	0	0		
NH3	Monthly avg	25.80	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 Month -Aug- 2016	Station City State	KHB Indl Area, Yelahanka Bangalore Karnataka
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Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	118.00	112	check 1	AQI = 112
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	29.70	37	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	19.20	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 Month -Aug 2016	Station City State	Peenya Indl Area Bangalore Karnataka
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Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	99.00	99	1	AQI = 99
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	40.00	50	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	30.80	8	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	Yeshwanthpura	
Month -Aug - 2016			City	Bangalore	
			State	Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	76.00	76	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 40px; border: 2px solid black; font-size: 24px; font-weight: bold;">76</div> </div>
PM2.5	Monthly avg	41.00	68	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	40.20	50	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	30.80	8	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 Month -Aug - 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	72.00	72	1	AQI = 72
PM2.5	Monthly avg	42.00	70	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	36.90	46	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	28.00	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		Station		Central Silk Board	
Month -Aug - 2016		City	Bangalore		
		State	Karnataka		
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	114.00	109	check 1	AQI = 109
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	41.50	52	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	31.40	8	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 Month -Aug - 2016	Station Victoria Hospital	City Bangalore	
	State Karnataka		

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	68.00	68	check	1	<div style="border: 2px solid black; padding: 10px; display: inline-block;"> AQI = 68 </div>
PM2.5	Monthly avg	38.00	63		1	
SO2	Monthly avg	2.00	3		1	
NO2	Monthly avg	31.60	40		1	
*CO (mg/m3)	Monthly avg	0.00	0		0	
O3	Monthly avg	0.00	0		0	
NH3	Monthly avg	24.30	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 Month -Aug - 2016	Station Indira Gandhi CHC-NIMHANS
	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	63.00	63	1	AQI = <div style="border: 2px solid black; background-color: #90EE90; padding: 20px; display: inline-block; font-size: 24px; font-weight: bold;">63</div>
PM2.5	Monthly Avg	31.00	52	1	
SO2	Monthly Avg	2.00	3	1	
NO2	Monthly Avg	30.90	39	1	
*CO (mg/m3)	Monthly Avg	0.00	0	0	
O3	Monthly Avg	0.00	0	0	
NH3	Monthly Avg	17.80	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	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 Month -Aug - 2016	Station City Railway Station
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		
PM10	mothly Avg	66.00	66	check 1	AQI = 66
PM2.5	mothly Avg	0.00	0	0	
SO2	mothly Avg	3.31	4	1	
NO2	mothly Avg	26.75	33	1	
*CO (mg/m^3)	mothly Avg	0.67	34	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
Month -Aug - 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	33.00	33	check 1	AQI = 33
PM2.5	monthly avg	0.00	0	0	
SO2	monthly avg	5.60	7	1	
NO2	monthly avg	11.50	14	1	
*CO (mg/m3)	monthly avg	0.54	27	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 Month -Aug - 2016	Station City State	Kajisonnenahalli Bangalore Karnataka
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Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	monthly avg	64.00	64	check	1	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">AQI =</div> <div style="background-color: #76b82a; color: white; padding: 20px 30px; border: 2px solid black; font-size: 24px; font-weight: bold;">64</div> </div>
PM2.5	monthly avg	36.00	60		1	
SO2	monthly avg	2.00	3		1	
NO2	monthly avg	21.20	27		1	
*CO (mg/m3)	monthly avg	0.00	0		0	
O3	monthly avg	0.00	0		0	
NH3	monthly avg	16.10	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	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 Month -Aug - 2016	Station UVCE K R Circle
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	monthly avg	73.00	73	check	1	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">AQI =</div> <div style="background-color: #76b82a; color: white; padding: 20px 40px; border: 2px solid black; font-size: 24px; font-weight: bold;">73</div> </div>
PM2.5	monthly avg	36.00	60		1	
SO2	monthly avg	2.00	3		1	
NO2	monthly avg	26.80	34		1	
*CO (mg/m3)	monthly avg	0.00	0		0	
O3	monthly avg	0.00	0		0	
NH3	monthly avg	17.80	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	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	Swan Silk Pvt.Ltd, Peenya
Month -Aug - 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	74.00	74	1	AQI = <div style="border: 2px solid black; background-color: #92d050; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> 74 </div>
PM2.5	monthly avg	39.00	65	1	
SO2	monthly avg	2.00	3	1	
NO2	monthly avg	41.40	52	1	
*CO (mg/m3)	monthly avg	0.00	0	0	
O3	monthly avg	0.00	0	0	
NH3	monthly avg	31.40	8	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