

Calculation of AQI

Date			Station	Export promotional park ITPL		
MAR- 2017			City	Bangalore		
			State	Karnataka		
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	142.00	128	check		AQI = 128
PM2.5	Monthly avg	56.00	93	1		
SO2	Monthly avg	2.00	3	1		
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	52.00	13	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	Breathing discomfort to people on prolonged exposure	
Satisfactory (51–100)	Minor breathing discomfort to sensitive people			Very Poor	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	Respiratory effects even on healthy people	
				(>401)		

Calculation of AQI

Date MAR- 2017	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	check	Air Quality Index
PM10	Monthly avg	113.00	109	1	AQI = 109
PM2.5	Monthly avg	50.00	83	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	26.00	33	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	50.00	13	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		City		State	
MAR- 2017		Peenya Indl Area		Bangalore		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index		
PM10	Monthly avg	106.00	104	1	AQI = 104		
PM2.5	Monthly avg	50.00	83	1			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	35.00	44	1			
*CO (mg/m3)	Monthly avg	0.00	0	0			
O3	Monthly avg	0.00	0	0			
NH3	Monthly avg	71.00	18	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 MAR- 2017			Station City State	Yeshwanthpura Bangalore Karnataka	
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	86.00	86	check 1	AQI = 86
PM2.5	Monthly avg	45.00	75	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	39.00	49	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	68.00	17	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 MAR- 2017	Station City State	Amco Batteries Msore Road 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	96.00	96	1	AQI = 96
PM2.5	Monthly avg	47.00	78	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	39.00	49	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	70.00	18	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	
MAR- 2017		City		Bangalore	
		State		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	141.00	127	check 1	AQI = 127
PM2.5	Monthly avg	52.00	87	1	
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	73.00	18	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	Victoria Hospital	
MAR- 2017			City	Bangalore	
			State	Karnataka	
Pollutants	concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg 62.00	62	check	1	AQI = 62
PM2.5	Monthly avg 32.00	53		1	
SO2	Monthly avg 2.00	3		1	
NO2	Monthly avg 36.00	45		1	
*CO (mg/m3)	Monthly avg 0.00	0		0	
O3	Monthly avg 0.00	0		0	
NH3	Monthly avg 67.00	17		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 MAR- 2017	Station Indira Gandhi CHC-NIMHANS
	City Bangalore
	State Karnataka

Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly avg	84.00	84	check 1	AQI = 84
PM2.5	Monthly avg	41.00	68	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	35.00	44	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	71.00	18	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		City		State	
MAR- 2017		City Railway Station		Bangalore		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index		
PM10	Monthly avg	90.00	90	1	AQI = 90		
PM2.5	Monthly avg	*	0	0			
SO2	Monthly avg	13.00	16	1			
NO2	Monthly avg	60.00	75	1			
*CO (mg/m3)	Monthly avg	0.80	40	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		Station		City		State	
MAR- 2017		Saneguruvanahalli-CAAQM		Bangalore		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
PM10	Monthly avg	47.00	47	check	1		
PM2.5	Monthly avg	0.00	0		0		
SO2	Monthly avg	5.00	6		1		
NO2	Monthly avg	39.00	49		1	AQI = 49	
*CO (mg/m3)	Monthly avg	0.50	25		1		
O3	Monthly avg	0.00	0		0		
NH3	Monthly avg	*	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		Station		City		State	
MAR- 2017		Kajisonnenahalli		Bangalore		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index		
PM10	Monthly avg	70.00	70	1	AQI = 70		
PM2.5	Monthly avg	33.00	55	1			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	27.00	34	1			
*CO (mg/m3)	Monthly avg	*	0	0			
O3	Monthly avg	*	0	0			
NH3	Monthly avg	46.00	12	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	MAR- 2017		Station	TERI -Domlur	
			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	139.00	126	1	AQI = 126
PM2.5	Monthly avg	66.00	120	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	39.00	49	1	
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	72.00	18	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	MAR- 2017		Station	Banasawadi Police Station	
			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	AQI = 98
PM2.5	Monthly avg	49.00	82	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	22.00	28	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

Calculation of AQI						
Date			Station	UVCE, KR CIRCLE		
MAR- 2017			City	Bangalore		
			State	Karnataka		
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	89.00	89	check	1	AQI = 89
PM2.5	Monthly avg	45.00	75		1	
SO2	Monthly avg	2.00	3		1	
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	28.00	7		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		State	
MAR- 2017		Swan silk Pvt Ltd, Peenya		Bangalore		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
PM10	Monthly avg	108.00	105	check	1	AQI = 105	
PM2.5	Monthly avg	48.00	80	1	1		
SO2	Monthly avg	2.00	3	1	1		
NO2	Monthly avg	36.00	45	1	1		
CO (mg/m^3)	Monthly avg	0.00	0	0	0		
O3	Monthly avg	0.00	0	0	0		
NH3	Monthly avg	67.00	17	1	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		City		State	
MAR- 2017		RO, TUMKUR		TUMKUR		Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index		
PM10	Monthly avg	143.00	129	1	AQI = 129		
PM2.5	Monthly avg	61.00	103	1			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	30.00	38	1			
CO (mg/m^3)	Monthly avg	0.00	0	0			
O3	Monthly avg	0.00	0	0			
NH3	Monthly avg	54.00	14	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 MAR- 2017	Station City State	RO, KOLAR KOLAR 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	75.00	75	1	AQI = <div style="border: 2px solid black; background-color: #92d050; padding: 20px; display: inline-block; margin-left: 20px;"> 75 </div>
PM2.5	Monthly avg	*	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	32.00	40	1	
CO (mg/m^3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	57.00	14	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

AAQM results for the month of March - 2017

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,	Mar-17	96	47	2	39	70	0.160	*
2	Central Silk Board, Hosur Road,	Mar-17	141	52	2	40	73	0.129	*
3	Indhira Gandhi Children Health Care	Mar-17	84	41	2	35	71	0.102	*
4	ITPL, Whietfield	Mar-17	142	56	2	28	52	0.076	*
5	Mr. Madhachari's House Kazisonnenihall	Mar-17	70	33	2	27	46	0.194	*
6	KHB Ind. Area, Yelahanka	Mar-17	113	50	2	26	50	0.091	*
7	Swan Silk Pvt. Ltd., Peenya	Mar-17	108	48	2	36	67	0.112	*
8	Urban Eco Park, Peenya	Mar-17	106	50	2	35	71	0.088	*
9	Victoria Hospital, K. R. Market	Mar-17	62	31	2	36	67	0.068	*
10	Yeswanthapura Police Station	Mar-17	86	45	2	39	68	0.075	*
11	Terri Office, Old Air Port Road, Domlur	Mar-17	139	66	2	39	72	0.157	*
12	Banasawadi Police Station	Mar-17	98	49	2	22	22	0.130	*
13	UVCE, K.R Circle	Mar-17	89	45	2	25	28	0.178	*
14	City RailwayStation CAAQM	Mar-17	90.0	*	13	60.0	*	*	0.8
15	Sanegruvanahalli CAAQM	Mar-17	47.0	*	5	39.0	*	*	0.5
16	RO Tumkur	Mar-17	143	61	2	30	54	0.097	*
17	RO Kolar	Mar-17	75	*	2	32	57	0.208	*
Standards (24 hrs Time Weighted Average)			100.0	60.0	80.0	80.0	400.0	1.0	2.0