Calculation of AQI

Date		Station	Export promotional park ITPL
May-17		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	105.00	103	1	
PM2.5	Monthly avg	32.00	53	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	33.00	41	1	AQI = 103
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	40.00	10	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

Note: Samples were not received during April-2017 for analysis, hence AQI not done

Calculation of AQI

Date		Station	Rail Wheel factory,Yelahanka
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	98.00	98	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	26.00	33	1	AQI = 98
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	34.00	9	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	Peenya Indl Area
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	71.00	71	1	
PM2.5	Monthly avg	37.00	62	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = 71
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	35.00	9	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
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	74.00	74	1
PM2.5	Monthly avg	38.00	63	1
SO2	Monthly avg	2.00	3	1
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	40.00	10	1

Air Quality Index

AQI = **74**

* 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	Amco Batteries Msore Road
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	84.00	84	1	
PM2.5	Monthly avg	42.00	70	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	34.00	43	1	AQI = 84
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	39.00	10	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
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	0.00	0	0	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = Atleast 3 inputs*
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	49.00	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

Note : – PM_{10} & $PM_{2.5}$ Samples were not received for analysis, hence Lead also canot be analysed and AQI not done

Calculation of AQI

Date		Station	Victoria Hospital
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	69.00	69	1	
PM2.5	Monthly avg	35.00	58	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	32.00	40	1	AQI = 69
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	39.00	10	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
May-2017		City	Delhi
		State	Delhi

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	78.00	78	1	
PM2.5	Monthly avg	32.00	53	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	33.00	41	1	AQI = 78
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	40.00	10	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 Railway Station
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	67.00	67	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	6.27	8	1	
NO2	Monthly avg	35.85	45	1	AQI = 67
*CO (mg/m3)	Monthly avg	0.75	38	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	Saneguruvanahalli-CAAQM
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	35.19	35	1
PM2.5	Monthly avg	0.00	0	0
SO2	Monthly avg	2.37	3	1
NO2	Monthly avg	32.71	41	1
*CO (mg/m3)	Monthly avg	0.54	27	1
O3	Monthly avg	0.00	0	0
NH3	Monthly avg	20.83	5	1

Air Quality Index

AQI = **41**

* 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	Kajisonnenahalli
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	66.00	66	1
PM2.5	Monthly avg	0.00	0	0
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	33.00	8	1

Air Quality Index

AQI = **66**

* 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

Note: Samples were not received during April-2017 for analysis, hence AQI not done

Calculation of AQI

Date			Station	TERI -Domlur
May-2017			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	139.00	126	1	
PM2.5	Monthly avg	61.00	103	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	33.00	41	1	AQI = 126
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	38.00	10	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	Banasawadi Police Station
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	71.00	71	1	
PM2.5	Monthly avg	35.00	58	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	22.00	28	1	AQI = 71
*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

Note: Samples were not received during April-2017 for analysis, hence AQI not done

Calculation of AQI

Date	Station	UVCE, KR CIRCLE
May-2017	City	Bangalore
	State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	79.00	79	1	
PM2.5	Monthly avg	36.00	60	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	22.00	28	1	AQI = 79
*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		Station	Swan silk Pvt Ltd, Peenya
May-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	92.00	92	1
PM2.5	Monthly avg	43.00	72	1
SO2	Monthly avg	2.00	3	1
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	40.00	10	1

Air Quality Index

AQI = **92**

* 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	RO, TUMKUR
May-2017		City	TUMKUR
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	126.00	117	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	47.00	59	1	AQI = 117
CO (mg/m3	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	58.00	15	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 May- 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/m3**
1	AMCO Batteries,	May-17	84.0	42.0	BDL	34.0	39.0	0.2	*
2	Central Silk Board, Hosur Road,	May-17	*	*	BDL	31.0	49.0	*	*
3	Indhira Gandhi Children Health Care	May-17	78.0	32.0	BDL	33.0	40.0	0.1	*
4	ITPL,Whietfield	May-17	105.0	48.0	BDL	29.0	33.0	0.1	*
5	Mr. Madhachari's House Kazisonnenihall	May-17	66.0	*	BDL	28.0	33.0	0.1	*
6	Rail Wheel factory, Yelahanka	May-17	98.0	*	BDL	26.0	34.0	0.1	*
7	Swan Silk Pvt. Ltd., Peenya	May-17	92.0	43.0	BDL	33.0	40.0	0.1	*
8	Urban Eco Park, Peenya	May-17	71.0	37.0	BDL	31.0	35.0	0.1	*
9	Victoria Hospital, K. R. Market	May-17	69.0	35.0	BDL	32.0	39.0	0.0	*
10	Yeswanthapura Police Station	May-17	74.0	38.0	BDL	33.0	40.0	0.1	*
11	Terri Office, Old Air Port Road, Domlur	May-17	139.0	61.0	BDL	33.0	38.0	0.1	*
12	Banasawadi Police Station	May-17	71.0	35.0	BDL	22.0	20.0	0.0	*
13	UVCE, K.R Circle	May-17	79.0	36.0	BDL	22.0	21.0	0.1	*
14	City RailwayStation CAAQM	May-17	67.0	*	6.3	35.9	*	*	0.8
15	Sanegruvanahalli CAAQM	May-17	35.2	*	2.4	25.3	*	*	0.5
16	RO Tumkur	May-17	126.0	*	BDL	37.0	58.0	0.2	*
17	RO Kolar	May-17	*	*	*	*	*	*	*
Standards (24 hrs Time Weighted Average)			**100.0**	**60.0**	**80.0**	**80.0**	**400.0**	**1.0**	**2.0**