Calculation of AQI

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

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	100.00	100	1	
PM2.5	Monthly avg	40.00	67	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	29.00	36	1	AQI = 100
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	33.00	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	Rail Wheel factory,Yelahanka
June-2017	City	Bangalore
	State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	99.00	99	1
PM2.5	Monthly avg	72.00	140	1
SO2	Monthly avg	2.00	3	1
NO2	Monthly avg	29.00	36	1
*CO (mg/m3)	Monthly avg	0.00	0	0
O3	Monthly avg	0.00	0	0
NH3	Monthly avg	35.00	9	1

Air Quality Index

AQI = 140

* 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
June-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	0.00	0	0	
NO2	Monthly avg	0.00	0	0	AQI = Atleast 3 inputs*
*CO (mg/m3)	Monthly avg	0.00	0	0	
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

Note: Samples were not recieved and hence AQI not done.

Calculation of AQI

Date		Station	Yeshwanthpura
June-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	36.00	60	1
SO2	Monthly avg	2.00	3	1
NO2	Monthly avg	34.00	43	1
*CO (mg/m3)	Monthly avg	0.00	0	0
O3	Monthly avg	0.00	0	0
NH3	Monthly avg	38.00	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
June-17		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	73.00	73	1	
PM2.5	Monthly avg	35.00	58	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	33.00	41	1	AQI = 73
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	37.00	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	Central Silk Board
June-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	0.00	0	0	
NO2	Monthly avg	0.00	0	0	AQI = Atleast 3 inputs*
*CO (mg/m3)	Monthly avg	0.00	0	0	
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

Note : – Samples were not received for analysis, and AQI not done

Calculation of AQI

Date		Station	Victoria Hospital
June-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	60.00	60	1
PM2.5	Monthly avg	0.00	0	0
SO2	Monthly avg	2.00	3	1
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	35.00	9	1

Air Quality Index

AQI = 60

* 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
June-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	33.00	41	1	AQI = 98
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	37.00	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	City Railway Station
June-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	82.50	83	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	7.00	9	1	
NO2	Monthly avg	46.40	58	1	AQI = 83
*CO (mg/m3)	Monthly avg	1.10	55	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
June-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	37.50	38	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.20	3	1	
NO2	Monthly avg	15.60	20	1	AQI = 38
*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		Station	Kajisonnenahalli
June-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check
PM10	Monthly avg	55.00	55	1
PM2.5	Monthly avg	0.00	0	0
SO2	Monthly avg	2.00	3	1
NO2	Monthly avg	29.00	36	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 = **55**

* 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	TERI -Domlur
June-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	133.00	122	1	
PM2.5	Monthly avg	53.00	88	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	33.00	41	1	AQI = 122
*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 exposur
Satisfactory (51–100)	Minor breathing discomfort to sensitive people	**Very Poor (301–400)**	Respiratory illness to the people on prolonged exposu
Moderate (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	**Severe (>401)**	Respiratory effects even on healthy people

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Calculation of AQI

Date	Station	Banasawadi Police Station
June-2017	City	Bangalore
	State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	62.00	62	1	
PM2.5	Monthly avg	29.00	48	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	20.00	25	1	AQI = 62
*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

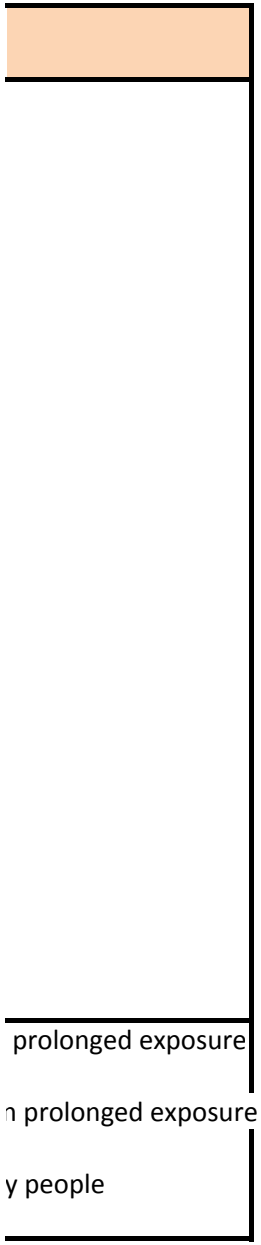
Date		Station	UVCE, KR CIRCLE
June-2017		City	Bangalore
		State	Karnataka

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	32.00	53	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	21.00	26	1	AQI = 67
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	29.00	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
Satisfactory (51–100)	Minor breathing discomfort to sensitive people	**Very Poor (301–400)**	Respiratory illness to the people o
Moderate (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	**Severe (>401)**	Respiratory effects even on healthy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Calculation of AQI

Date		Station	Swan silk Pvt Ltd, Peenya
June-2017		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	92.00	92	1	
PM2.5	Monthly avg	40.00	67	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = 92
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

AAQM results for the month of June- 2017									
Sl. No.	**Name of the Monitoring Station**	**Date of Monitoring**	**(24 hrs Time Weighted Average)**						
			PM_{10} $\mu g/m^3$	**$PM_{2.5}$ $\mu g/m^3$**	**SO_2 $\mu g/m^3$**	**NO_2 $\mu g/m^3$**	**NH_3 $\mu g/m^3$**	**Pb $\mu g/m^3$**	**CO mg/m3**
1	AMCO Batteries,	Jun-17	73	35	**BDL**	33	37	0.295	*
2	Central Silk Board, Hosur Road,	Jun-17	*	*	*	*	*	*	*
3	Indhira Gandhi Children Health Care	Jun-17	98	*	BDL	33	37	0.065	*
4	ITPL,Whietfield	Jun-17	**100**	**40**	**BDL**	**29**	**33**	0.138	*
5	Mr. Madhachari's House Kazisonnenihall	Jun-17	55	*	BDL	29	33	0.055	*
6	Rail Wheel factory, Yelahanka	Jun-17	99	72	**BDL**	29	35	0.088	*
7	Swan Silk Pvt. Ltd., Peenya	Jun-17	92	40	BDL	31	35	0.163	*
8	Urban Eco Park, Peenya	Jun-17	*	*	*	*	*	*	*
9	Victoria Hospital, K. R. Market	Jun-17	60	*	BDL	31	35	0.048	*
10	Yeswanthapura Police Station	Jun-17	74	36	BDL	34	38	0.060	*
11	Terri Office, Old Air Port Road, Domlur	Jun-17	133	53	BDL	33	39	0.093	*
12	Banasawadi Police Station	Jun-17	62	29	BDL	20	20	0.066	*
13	UVCE, K.R Circle	Jun-17	67	32	BDL	21	29	0.069	*
14	City RailwayStation CAAQM	Jun-17	82.5	*	7.0	46.4	*	*	1.1
15	Sanegruvanahalli CAAQM	Jun-17	37.5	*	2.2	15.6	*	*	0.5
Standards (24 hrs Time Weighted Average)			**100.0**	**60.0**	**80.0**	**80.0**	**400.0**	**1.0**	**2.0**