Calculation of AQI

Date			Station	Export promotional park ITPL
March-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	117.00	111	1	
PM2.5	Monthly avg	68.00	127	1	
SO2	Monthly avg	2.00	3	1	AQI = 127
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	24.00	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

Date			Station	Rail Wheel factory,Yelahanka
March-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	142.00	128	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = 128
*CO (mg/m3)	Monthly avg	0.00	0	0	
O3	Monthly avg	0.00	0	0	
NH3	Monthly avg	23.00	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

Date			Station	Peenya Indl Area
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index
				check		
PM10	Monthly avg	106.00	104	1		
PM2.5	Monthly avg	46.00	77	1		
SO2	Monthly avg	2.00	3	1	AQI =	104
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

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
MARCH-2018		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	107.00	105	1	
PM2.5	Monthly avg	48.00	80	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = **105**
*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

Date			Station	Amco Batteries Mysore Road
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	105.00	103	1	
PM2.5	Monthly avg	47.00	78	1	
SO2	Monthly avg	2.00	3	1	AQI = 103
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	25.00	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

Date		**Station**	Central Silk Board
MARCH-2018		**City**	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	123.00	115	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	**AQI = 115**
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	25.00	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

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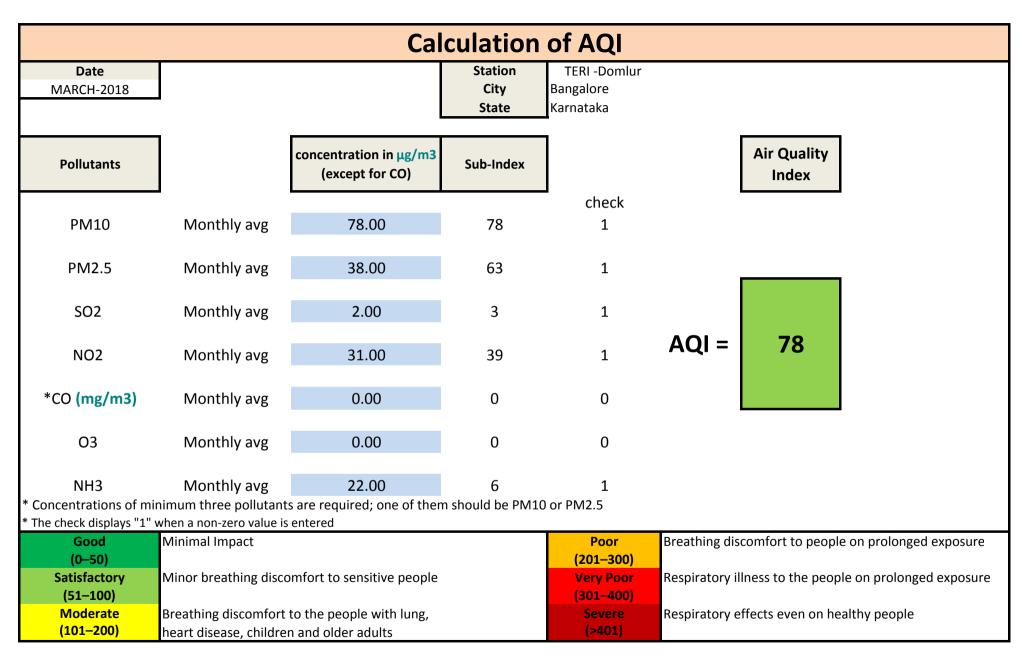and AQI not done

Calculation of AQI

Date		**Station**	Victoria Hospital
MARCH-2018		**City**	Bangalore
		State	Karnataka

Pollutants		**concentration in μg/m3 (except for CO)**	**Sub-Index**		**Air Quality Index**
				check	
PM10	Monthly avg	47.00	47	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	30.00	38	1	**AQI =** **47**
*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

Date		Station	Indira Gandhi CHC-NIMHANS
MARCH-2018		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check	Air Quality Index
PM10	Monthly avg	63.00	63	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	**AQI = 63**
*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

Date		Station	City Railway Station
MARCH-2018		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check		Air Quality Index
PM10	Monthly avg	152.00	135	1		
PM2.5	Monthly avg	0.00	0	0		
SO2	Monthly avg	7.60	10	1		**AQI =** 135
NO2	Monthly avg	72.20	90	1		
*CO (mg/m3)	Monthly avg	1.63	82	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
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	96.00	96	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	3.20	4	1	
NO2	Monthly avg	29.80	37	1	AQI = **96**
*CO (mg/m3)	Monthly avg	0.68	34	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
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	84.00	84	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	**AQI =**
*CO (mg/m3)	Monthly avg	0.00	0	0	**84**
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

Date		Station	TERI -Domlur
MARCH-2018		City	Bangalore
		State	Karnataka

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	38.00	63	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = 78
*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

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

Calculation of AQI

Date			Station	Banasawadi Police Station
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index	check		Air Quality Index
PM10	Monthly avg	51.00	51	1		
PM2.5	Monthly avg	0.00	0	0		
SO2	Monthly avg	2.00	3	1		AQI = **51**
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

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	UVCE, KR CIRCLE
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	44.00	44	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	25.00	31	1	AQI = 44
*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

Note: Samples were not recieved and hence AQI not done

Calculation of AQI

Date			Station	DTDC House , Victoria Road
MARCH-2018			City	Bangalore
			State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
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: *-Monitoring not carrried out.

Calculation of AQI

Date		Station	Swan silk Pvt Ltd, Peenya
MARCH-2018		City	Bangalore
		State	Karnataka

Pollutants		concentration in µg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	96.00	96	1	
PM2.5	Monthly avg	46.00	77	1	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	31.00	39	1	AQI = 96
*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

	AAQM results for the month of March- 2018								
Sl. No.	Name of the Monitoring Station	Date of Monitoring	(24 hrs Time Weighted Average)						
			PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH_3 µg/m³	Pb µg/m³	CO mg/m3
1	AMCO Batteries,	Mar-18	105.0	47.0	2.0	31.0	25.0	*	*
2	Central Silk Board, Hosur Road,	Mar-18	123.0	*	2.0	31.0	25.0	*	*
3	Indhira Gandhi Children Health Care	Mar-18	63.0	*	2.0	31.0	22.0	*	*
4	ITPL,Whietfield	Mar-18	117.0	68.0	2.0	32.0	24.0	*	*
5	Mr. Madhachari's House Kazisonnenihalli	Mar-18	84.0	*	2.0	31.0	22.0	*	*
6	Rail Wheel factory, Yelahanka	Mar-18	142.0	*	2.0	31.0	23.0	*	*
7	Swan Silk Pvt. Ltd., Peenya	Mar-18	96.0	46.0	2.0	31.0	22.0	*	*
8	Urban Eco Park, Peenya	Mar-18	106.0	46.0	2.0	31.0	22.0	*	*
9	Victoria Hospital, K. R. Market	Mar-18	47.0	*	2.0	30.0	22.0	*	*
10	Yeshwanthapura Police Station	Mar-18	107.0	48.0	2.0	31.0	22.0	*	*
11	Terri Office, Old Air Port Road, Domlur	Mar-18	78.0	38.0	2.0	31.0	22.0	*	*
12	Banasawadi Police Station	Mar-18	51.0	*	2.0	24.0	20.0	*	*
13	UVCE, K.R Circle	Mar-18	44.0	*	2.0	25.0	21.0	*	*
14	City RailwayStation CAAQM	Mar-18	152.0	*	7.6	72.0	*	*	1.63
15	Sanegruvanahalli CAAQM	Mar-18	96.0	*	3.2	29.8	*	*	0.68
	Standards (24 hrs Time Weighted Average)		100.0	60.0	80.0	80.0	400.0	1.0	2.0

Note; * monitoring not done