Calculation of AQI

Date			**Station**	Export promotional park ITPL				
1-Jan-12			**City**	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	Yearly avg	144.40	130	1				
PM2.5	Yearly avg		0	0				
SO2	Yearly avg	16.20	20	1	**AQI =**	**130**		
NO2	Yearly avg	30.60	38	1				
*CO **(mg/m3)**	Yearly avg	0.00	0	0				
O3	Yearly avg	0.00	0	0				
NH3	Yearly 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	Minimal Impact	**Poor**	Breathing discomfort to people on prolonged exposure
(0–50)		**(201–300)**	
Satisfactory	Minor breathing discomfort to sensitive people	**Very Poor**	Respiratory illness to the people on prolonged exposure
(51–100)		**(301–400)**	
Moderate	Breathing discomfort to the people with lung,	**Severe**	Respiratory effects even on healthy people
(101–200)	heart disease, children and older adults	**(>401)**	

Calculation of AQI

Date			Station	KHB Indl Area,Yelahanka				
Jan-Dec 2012			City	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	yearly avg	181.80	155	1				
PM2.5	yearly avg	0.00	0	0				
SO2	yearly avg	15.70	20	1	**AQI =**	**155**		
NO2	yearly avg	30.40	38	1				
*CO (mg/m3)	yearly avg	0.00	0	0				
O3	yearly avg	0.00	0	0				
NH3	yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				

Calculation of AQI

Date			**Station**	Peenya Indl Area				
Jan -Dec 2012			**City**	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	yearly avg	106.60	104	1				
PM2.5	yearly avg		0	0				
SO2	yearly avg	26.70	33	1	**AQI =**	**104**		
NO2	yearly avg	32.00	40	1				
*CO **(mg/m3)**	yearly avg	0.00	0	0				
O3	yearly avg	0.00	0	0				
NH3	yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				

Calculation of AQI

Date			Station	Yeshwanthpura				
Jan- Dec 2012			City	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	Yearly avg	105.00	103	1				
PM2.5	Yearly avg	49.00	82	1				
SO2	Yearly avg	3.60	5	1	**AQI =**	**103**		
NO2	Yearly avg	22.60	28	1				
*CO (mg/m3)	Yearly avg	0.00	0	0				
O3	Yearly avg	0.00	0	0				
NH3	Yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				

Calculation of AQI

Date			Station	Amco Batteries Msore Road				
Jan- Dec 2012			City	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	Yearly avg	13.20	13	1				
PM2.5	Yearly avg		0	0				
SO2	Yearly avg	16.30	20	1	**AQI =**	**39**		
NO2	Yearly avg	31.00	39	1				
*CO **(mg/m3)**	Yearly avg	0.00	0	0				
O3	Yearly avg	0.00	0	0				
NH3	Yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				

Calculation of AQI

Date			Station	Victoria Hospital				
Jan-Dec 2012			City	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	Yearly avg	131.90	121	1				
PM2.5	Yearly avg		0	0				
SO2	Yearly avg	13.40	17	1	**AQI =**	**121**		
NO2	Yearly avg	30.90	39	1				
*CO (mg/m3)	Yearly avg	0.00	0	0				
O3	Yearly avg	0.00	0	0				
NH3	Yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				

Calculation of AQI

Date			Station	City Railway Station				
Jan -Dec 2012			City	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	Yearly avg	99.00	99	1				
PM2.5	Yearly avg	0.00	0	0				
SO2	Yearly avg	8.30	10	1				
NO2	Yearly avg	29.50	37	1	**AQI =**	**99**		
*CO (mg/m3)	Yearly avg		0	0				
O3	Yearly avg	0.00	0	0				
NH3	Yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				

Calculation of AQI

Date			Station	Saneguruvanahalli-CAAQM				
Jan -Dec 2012			City	Bangalore				
			State	Karnataka				
Pollutants		**concentration in µg/m3 (except for CO)**	**Sub-Index**			**Air Quality Index**		
				check				
PM10	Yearly avg	72.00	72	1				
PM2.5	Yearly avg	0.00	0	0				
SO2	Yearly avg	6.30	8	1	**AQI =**	**72**		
NO2	Yearly avg	17.50	22	1				
*CO (mg/m3)	Yearly avg		0	0				
O3	Yearly avg	0.00	0	0				
NH3	Yearly 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	Minimal Impact			**Poor**	Breathing discomfort to people on prolonged exposure			
(0–50)				**(201–300)**				
Satisfactory	Minor breathing discomfort to sensitive people			**Very Poor**	Respiratory illness to the people on prolonged exposure			
(51–100)				**(301–400)**				
Moderate	Breathing discomfort to the people with lung,			**Severe**	Respiratory effects even on healthy people			
(101–200)	heart disease, children and older adults			**(>401)**				