

Calculation of AQI

Calculation of AQI							
Date			Station	Export promotional park ITPL			
Jan - Dec 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Yearly avg	138.80	126	1			
PM2.5	Yearly avg		0	0			
SO2	Yearly avg	15.40	19	1	AQI =	126	
NO2	Yearly avg	29.70	37	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 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in µg/m³ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	yearly avg	140.70	127	1			
PM2.5	yearly avg	0.00	0	0			
SO ₂	yearly avg	14.10	18	1	AQI =	127	
NO ₂	yearly avg	26.70	33	1			
*CO (mg/m ³)	yearly avg	0.00	0	0			
O ₃	yearly avg	0.00	0	0			
NH ₃	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 (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			
Jan - Dec 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	yearly avg	99.30	99	1			
PM2.5	yearly avg		0	0			
SO2	yearly avg	10.70	13	1	AQI =	99	
NO2	yearly avg	24.60	31	1			
*CO (mg/m^3)	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 (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			
Jan - Dec 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	yearly avg	115.70	110	1			
PM2.5	yearly avg		0	0			
SO2	yearly avg	14.60	18	1	AQI =	110	
NO2	yearly avg	29.80	37	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 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Yearly avg	109.90	107	1			
PM2.5	Yearly avg		0	0			
SO2	Yearly avg	14.30	18	1	AQI =	107	
NO2	Yearly avg	29.20	37	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 (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			
Jan - Dec 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Yearly avg	168.70	146	1			
PM2.5	Yearly avg		0	0			
SO2	Yearly avg	14.60	18	1	AQI =	146	
NO2	Yearly avg	29.30	37	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 (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	Central Silk Board						
Jan -dec 2013			City	Bangalore						
			State	Karnataka						
Pollutants		concentration in µg/m³ (except for CO)	Sub-Index				Air Quality Index			
				check						
PM10	Yearly avg	156.40	138	1						
PM2.5	Yearly avg	0.00	0	0						
SO2	Yearly avg	14.50	18	1	AQI =	138				
NO2	Yearly avg	29.80	37	1						
*CO (mg/m ³)	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 (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	DTDC House, Victoria Road			
Jan-Dec 2013		City	Bangalore			
		State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
				check		
PM10	Yearly avg	98.20	98	1		
PM2.5	Yearly avg	0.00	0	0		
SO2	Yearly avg	14.80	19	1	AQI =	98
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 (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	City	Bangalore	State	Karnataka
Jan-Dec 2013							
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check		Air Quality Index	
PM10	Yearly avg	104.40	103	1			
PM2.5	Yearly avg		0	0			
SO2	Yearly avg	12.70	16	1	AQI =	103	
NO2	Yearly avg	28.60	36	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 (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			
Jan-Dec 2013			City	Delhi			
			State	Delhi			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index				Air Quality Index
				check			
PM10	Yearly avg	81.70	82	1			
PM2.5	Yearly avg	0	0	0			
SO2	Yearly avg	13.00	16	1	AQI =	82	
NO2	Yearly avg	28.70	36	1			
*CO (mg/m3)	Yearly avg	0.00	0	0			
O3	Yearly avg	0.00	0	0			
NH3	Yearly avg	0	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

Calculation of AQI								
Date			Station	City Railway Station				
	Jan-Dec 2013		City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index		
				check				
PM10	Yearly avg	77.80	78	1				
PM2.5	Yearly avg	0.00	0	0				
SO2	Yearly avg	7.80	10	1	AQI =	78		
NO2	Yearly avg	27.30	34	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 (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			
Jan-Dec 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Yearly avg	23.00	23	1			
PM2.5	Yearly avg	0.00	0	0			
SO2	Yearly avg	6.50	8	1	AQI =	23	
NO2	Yearly avg	17.70	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)			

Calculation of AQI

Calculation of AQI								
Date			Station	Kajisonnenahalli				
Jan-Dec 2013			City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index		
				check				
PM10	Yearly avg	73.80	74	1				
PM2.5	Yearly avg	0.00	0	0				
SO2	Yearly avg	12.50	16	1	AQI =	74		
NO2	Yearly avg	28.70	36	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	TERI -Domlur			
Jan-Dec 2013			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Yearly avg	43.90	44	1			
PM2.5	Yearly avg	0.00	0	0			
SO2	Yearly avg	4.90	6	1	AQI =	44	
NO2	Yearly avg	7.20	9	1			
*CO (mg/m^3)	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 (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				
Jan-Dec 2013			City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index				Air Quality Index	
				check				
PM10	Yearly avg	70.50		1				
PM2.5	Yearly avg	0.00	0	0				
SO2	Yearly avg	9.30	12	1	AQI =	25		
NO2	Yearly avg	20.30	25	1				
*CO (mg/m^3)	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)			