

Calculation of AQI

Calculation of AQI							
Date			Station	Export promotional park ITPL			
Month -July 2016			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Monthly avg	95.00	95	1			
PM2.5	Monthly avg	0.00	0	0			
SO2	Monthly avg	2.00	3	1	AQI =	95	
NO2	Monthly avg	35.60	45	1			
*CO (mg/m3)	Monthly avg	0.00	0	0			
O3	Monthly avg	0.00	0	0			
NH3	Monthly avg	24.10	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

Calculation of AQI								
Date			Station	KHB Indl Area, Yelahanka				
Month - July 2016			City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index		
				check				
PM10	Monthly avg	113.00	109	1				
PM2.5	Monthly avg	0.00	0	0				
SO2	Monthly avg	2.00	3	1	AQI =	109		
NO2	Monthly avg	31.20	39	1				
*CO (mg/m3)	Monthly avg	0.00	0	0				
O3	Monthly avg	0.00	0	0				
NH3	Monthly avg	19.50	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	Peenya Indl Area		
Month -July 2016			City	Bangalore		
			State	Karnataka		
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index
				check		
PM10	Monthly avg	113.00	109	1		
PM2.5	Monthly avg	0.00	0	0		
SO2	Monthly avg	2.00	3	1	AQI =	109
NO2	Monthly avg	42.40	53	1		
*CO (mg/m3)	Monthly avg	0.00	0	0		
O3	Monthly avg	0.00	0	0		
NH3	Monthly avg	31.70	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	Yeshwanthpura				
Month -July 2016		City	Bangalore				
		State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Monthly avg	90.00	90	1			
PM2.5	Monthly avg	0.00	0	0			
SO2	Monthly avg	2.00	3	1	AQI =	90	
NO2	Monthly avg	40.10	50	1			
*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 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			
Month -July 2016			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Monthly avg	81.00	81	1			
PM2.5	Monthly avg	0.00	0	0			
SO2	Monthly avg	2.00	3	1	AQI =	81	
NO2	Monthly avg	39.00	49	1			
*CO (mg/m3)	Monthly avg	0.00	0	0			
O3	Monthly avg	0.00	0	0			
NH3	Monthly avg	31.50	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	Central Silk Board			
Month -July 2016			City	Bangalore			
			State	Karnataka			
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Monthly avg	117.00	111	1			
PM2.5	Monthly avg	0.00	0	0			
SO2	Monthly avg	2.00	3	1	AQI =	111	
NO2	Monthly avg	38.40	48	1			
*CO (mg/m3)	Monthly avg	0.00	0	0			
O3	Monthly avg	0.00	0	0			
NH3	Monthly avg	34.60	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	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	DTDC House, Victoria Road				
Month -July 2016			City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (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	AQI =	Atleast 3 inputs*	
NO2	Monthly avg	0.00	0		0			
*CO (mg/m^3)	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

Calculation of AQI

Calculation of AQI								
Date			Station	Victoria Hospital				
Month -July 2016			City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index		
				check				
PM10	Monthly avg	75.00	75	1				
PM2.5	Monthly avg	0.00	0	0				
SO2	Monthly avg	2.00	3	1	AQI =	75		
NO2	Monthly avg	36.20	45	1				
*CO (mg/m^3)	Monthly avg	0.00	0	0				
O3	Monthly avg	0.00	0	0				
NH3	Monthly avg	19.70	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	Indira Gandhi CHC-NIMHANS	
Month -July 2016			City	Bangalore	
			State	Karnataka	
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index		Air Quality Index
PM10	Monthly Avg	60.00	60	check 1	AQI = 60
PM2.5	Monthly Avg	0.00	0	0	
SO2	Monthly Avg	2.00	3	1	
NO2	Monthly Avg	31.60	40	1	
*CO (mg/m3)	Monthly Avg	0.00	0	0	
O3	Monthly Avg	0.00	0	0	
NH3	Monthly Avg	15.70	4	1	
<p>* Concentrations of minimum three pollutants are required; one of them should be PM10 or PM2.5</p> <p>* The check displays "1" when a non-zero value is entered</p>					
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				
Month -July 2016			City	Bangalore				
			State	Karnataka				
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index				Air Quality Index	
				check				
PM10	mothly Avg	73.00	73	1				
PM2.5	mothly Avg	0.00	0	0				
SO2	mothly Avg	2.50	3	1	AQI =	73		
NO2	mothly Avg	36.40	46	1				
*CO (mg/m^3)	mothly Avg	0.67	34	1				
O3	mothly Avg	0.00	0	0				
NH3	mothly 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	City	Bangalore	State	Karnataka	Pollutants	concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index	check	Air Quality Index
Month -July 2016												
PM10	monthly avg	27.00	27	1								
PM2.5	monthly avg	0.00	0	0								
SO2	monthly avg	2.70	3	1								
NO2	monthly avg	12.60	16	1								
*CO (mg/m3)	monthly avg	0.60	30	1								
O3	monthly avg	0.00	0	0								
NH3	monthly avg	0.00	0	0								

AQI = 30

* 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			City	Bangalore	State	Karnataka
Month -July 2016									
Pollutants		concentration in $\mu\text{g}/\text{m}^3$ (except for CO)	Sub-Index			Air Quality Index			
				check					
PM10	monthly avg	64.00	64	1					
PM2.5	monthly avg	0.00	0	0					
SO2	monthly avg	2.00	3	1	AQI =	64			
NO2	monthly avg	28.90	36	1					
*CO (mg/m3)	monthly avg	0.00	0	0					
O3	monthly avg	0.00	0	0					
NH3	monthly avg	13.80	3	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