

Annual average values of measured air pollutants at 16 locations in Bangalore City during the year 2016-17

Sl. No	Name of the Station	SO ₂ µg/m ³	NO ₂ µg/m ³	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	NH ₃ µg/m ³	lead µg/m ³	CO mg/m ³	AQI	
1	Export pro Park, ITPL	2.0	33.1	130.9	54.8	29.3	0.1	*	127	Moderate
2	Rail wheel Factory , Yelahanka	2.0	28.5	110.8	53.8	25.4	0.1	*	106	Moderate
3	Urban Eco-park ,Peenya Indl. Area	2.0	37.0	108.9	51.7	36.6	0.1	*	107	Moderate
4	Swan Silk Industries Peenya Indl area	2.3	37.9	98.9	50.2	35.0	0.1	*	102	Moderate
5	AMCO Batteries, Mysore Road	2.0	38.0	106.8	51.0	36.1	0.2	*	103	Moderate
6	Central Silk Board, Hosur Road	2.3	39.4	131.9	58.0	37.8	0.1	*	124	Moderate
7	DTDC House, Victoria Road	2.0	33.7	127.0	0.0	23.9	0.1	*	118	Moderate
8	TEERI Office,Domlur	2.0	32.0	120.1	55.4	39.3	0.2	*	122	Moderate
9	Yeshwanthpura Police Station	2.0	39.6	93.3	45.9	36.0	0.1	*	93	Satisfactory
10	Banaswadi Police Station	2.0	26.8	80.3	41.2	22.0	0.3	*	89	Satisfactory
11	CAAQM City Railway Station	6.5	45.8	101.9	0.0	0.0	0.0	0.9	97	Satisfactory
12	CAAQM S.G.Halli	3.7	30.3	45.9	0.0	0.0	0.0	0.5	54	Satisfactory
13	Kajisonnehalli	2.0	24.3	83.2	40.3	22.0	0.1	*	79	Satisfactory
14	UVCE, K.R Circle	2.0	26.3	86.2	38.2	22.9	0.2	*	87	Satisfactory
15	Victoria Hospital	2.0	36.3	79.9	39.7	32.4	0.1	*	79	Satisfactory
16	Indira Gandhi Children Care (NIMHANS)	2.0	31.0	77.6	35.9	28.0	0.1	*	75	Satisfactory
	Standards	50.0	40.0	60.0	40.0	100.0	0.5	2.0		

Brief summary of results:

1. The measured SO₂ values are well within the national limit (50.0 µg/M³) in all measured places
2. The measured NO₂ values are well within the national limit (40.0 µg/M³) in all measured places except at City Railway Station.
3. The measured PM₁₀ values have exceeded the national limit (60.0µg/M³) in 15 locations excluding at one station viz., S.G.Halli.
4. The measured PM_{2.5} values have exceeded the national limit (40.0µg/M³) at 10 locations excluding at 3 stations viz., UVCE, K R Circle, Victoria Hospital and NIMHANS.
5. The measured Ammonia and Lead concentrations at all the location are well within the national limits.
6. The measured CO concentration at 2 CAAQM stations are well within the national limit.
7. The levels of PM₁₀/PM_{2.5} is attributed to the vehicular emissions/movement, re-suspension of road dust and construction activities.

Annual average values of measured air pollutants in other districts of Karnataka during the year 2016-17

Sl No.	Location	SO2 µg/M3	NO2 µg/M3	PM 10 µg/M3	PM2.5 µg/M3	NH3 µg/M3	Pb µg/M3	AQI	
1	RO Tumkur	2.0	34.0	146.1	34.6	32.0	0.09	131	Moderate
2	Mothi Talkies, Davangere	5.1	9.8	145.0	0.0	8.8	0.04	130	Moderate
3	Regional Office(RO)- Kolar	2.0	30.7	80.0	38.1	30.6	0.17	80	Satisfactory
4	RO. Chamrajnagar	2.2	20.6	51.2	23.3	13.8	0.01	51	Satisfactory
5	RO Mangalore Indl Area.	8.8	10.8	61.0	38.0	0.0	0.10	63	Satisfactory
6	HPF Intake Point, Ranebennur	2.0	4.0	52.0	14.0	9.0	0.02	52	Satisfactory
7	RO Dharwad	5.5	22.1	76.0	33.0	15.5	0.00	76	Satisfactory
8	Gokul Road- Hubli	5.6	22.0	89.0	35.0	16.1	0.00	89	Satisfactory
9	RO Belguam	2.0	16.6	80.0	52.4	35.8	0.00	87	Satisfactory
10	RO Raichur	4.5	12.6	88.0	40.0	*	*	88	Satisfactory
11	RO Bellary	4.0	10.0	57.0	24.0	*	*	57	Satisfactory
12	RO Mandya	2.1	19.2	43.4	*	12.6	0.00	43	Good
13	K,R.Circle, Mysore	2.2	18.8	48.7	*	14.5	0.01	49	Good
14	KSPCB, Mysore	2.1	19.8	47.0	*	13.1	0.01	47	Good
15	RO Hassan.	5.8	19.4	28.0	25.0	1.6	0.03	42	Good
16	RO Chitradurga	2.0	4.0	47.0	18.0	5.8	0.03	47	Good
17	VISL Bhadravathi	2.0	4.0	32.0	18.0	6.6	0.03	32	Good
18	RO Davangere	2.0	4.0	48.0	23.0	7.0	0.03	48	Good
19	Govt.Hospital,Gulbarga	*	*	57.0	*	*	*	*	
20	RO Bidar	*	*	133.0	*	*	*	*	
	NAAQ Standards	50.0	40.0	60.0	40.0	100.0	0.50		

Note : * data not received

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

Brief summary of results :

- The monitored data shows that SO₂, NO₂, Ammonia, Lead and PM_{2.5} pollutants are within the national limit in all the monitored cities/town.
- PM₁₀ concentration exceeded the national limit (**60.0µg/M3**) at Kolar,Tumakuru, Davanagere, Hubli- Dharwad, Belgaum, Raichur, Bellary and Bidar.