

Annual average values of Air Pollutants at Bangalore city during the year 2017-18

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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	CAAQMS at S.G.Halli	2.2	24.0	50.4	*	*	*	0.5	50	Good
2	Urban Ecopark Peenya	2.0	31.9	95.2	44.2	31.0	0.150	*	95	Satisfactory
3	Swan Silk Pvt. Ltd ,Peenya	2.0	32.0	96.6	44.8	32.1	0.133	*	97	Satisfactory
4	Yeshwanthpura Police Station	2.0	33.0	95.0	44.5	32.7	0.101	*	95	Satisfactory
5	AMCO Batteries, Mysore Road	2.0	32.7	86.1	39.9	33.6	0.202	*	86	Satisfactory
6	Banaswadi police station	2.0	24.3	68.7	32.0	20.7	0.145	*	69	Satisfactory
7	Madavachari house, Kajisonnenahalli	2.0	30.6	69.0	*	29.8	0.196	*	69	Satisfactory
8	UVCE, K.R Circle	2.0	23.8	70.9	34.5	21.8	0.132	*	71	Satisfactory
9	Victoria Hospital, Bangalore	2.0	31.7	65.3	40.0	32.1	0.083	*	67	Satisfactory
10	Indira Gandhi Child Health Care Centre	2.0	31.9	65.6	30.4	32.0	0.085	*	66	Satisfactory
11	Export promotional Park , ITPL Whitefield Industrial Area	2.0	31.7	103.9	50.8	30.9	0.148	*	103	Moderate
12	Rail Wheel Factory, Yelahanka	2.0	29.7	101.9	65.8	30.3	0.118	*	119	Moderate
13	Central Silk Board, Hosur Road	2.0	32.0	118.8	*	33.5	0.104	*	113	Moderate
14	CAAQM City Railway Stn.	7.5	52.0	100.9	*	*	*	1.3	101	Moderate
15	TERI Office, Domlur	2.0	32.4	118.4	52.1	30.8	0.182	*	112	Moderate
	Annual average values	2.3	31.5	87.1	43.1	29.5	0.2		87.5	Satisfactory
	Standards, µg/m³	50	40	60	40	100	0.500	2		

Note : * Monitoring not carried out

Brief summary of results:

1. The measured SO₂, NH₃ and Pb values are well within the national limit (50.0 µg/M³) (100.0 µg/M³) and (0.5 µg/M³) respectively in all measured places
2. The measured NO₂ values are well within the national limit (40.0 µg/M³) in all measured places except city Railway Station
3. The measured PM_{2.5} values have exceeded the national limit (40.0µg/M³) at 7 locations excluding at 4 stations viz., K R Circle, Banasawadi, NIMHANS and AMCO batteries
4. The measured PM₁₀ values have exceeded the national limit (60.0µg/M³) in 15 locations excluding at one station viz., S.G.Halli.
5. Out 15 location, one location at S.G.Halli AQI is good, 9 locations is satisfactory and 6 location AQI is moderate
6. 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 Air Pollutants in other districts of Karnataka during the year 2017-18

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 Mandya	2.1	14.5	42.8	24.0	10.4	0.002	43	Good
2	KSPCB, Mysore	2.3	16.6	46.4	25.0	11.2	0.002	46	Good
3	KSPCB Building, Madikeri	2.1	13.1	35.4	18.5	7.1	0.001	35	Good
4	RO Chitradurga	2.3	4.5	47.5	17.1	4.9	0.030	48	Good
5	VISL Bhadravathi	2.4	4.5	36.3	18.2	6.6	0.027	36	Good
6	RO Davangere	2.6	4.5	47.5	21.2	4.7	0.030	48	Good
7	K,R.Circle, Mysore	2.2	16.8	53.3	28.0	13.3	0.004	53	Satisfactory
8	RO- Kolar	2.0	31.0	72.3	36.6	31.9	0.138	72	Satisfactory
9	RO. Chamrajnagar	2.1	17.3	59.1	30.2	12.3	0.004	59	Satisfactory
10	RO Hassan.	5.1	19.4	33.1	31.3	2.0	BDL	52	Satisfactory
11	Baikampady Industrial Area Mangalore	8.3	10.3	69.8	45.6	BDL	0.173	76	Satisfactory
12	HPF Intake Point, Ranebennur	2.5	4.5	46.1	19.3	7.7	0.020	87	Satisfactory
13	RO- Dharwad	5.2	21.4	67.2	27.8	23.7	*	67	Satisfactory
14	Gokul Road- Hubli	5.6	26.4	89.2	34.2	25.8	*	89	Satisfactory
15	RO Belguam	2.0	15.4	79.3	40.2	*	*	79	Satisfactory
16	Kalburgi Govt.Hospital	2.3	24.0	65.6	42.0	*	*	70	Satisfactory
17	RO-Raichur	2.6	12.3	98.3	38.6	19.1	*	98	Satisfactory
18	RO Bellary	4.8	11.5	51.8	20.5	*	*	52	Satisfactory
19	CMC Bellary	4.9	11.6	57.9	25.3	*	*	58	Satisfactory
20	RO Bidar	2.0	19.7	101.9	54.7	*	*	101	Moderate
21	RO Tumkur	2.0	31.3	118.1	56.0	31.9	0.114	112	Moderate
22	Mothi Talkies, DVG,	5.3	10.0	164.6	*	9.4	0.040	143	Moderate
	NAAQ Standards	50	40	60	40	100	0.500		

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,	Severe (>401)	Respiratory effects even on healthy people