



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 16, 2022



## Current Air Quality Status:

### Air Quality Index (AQI) (Average of past 24 hours)

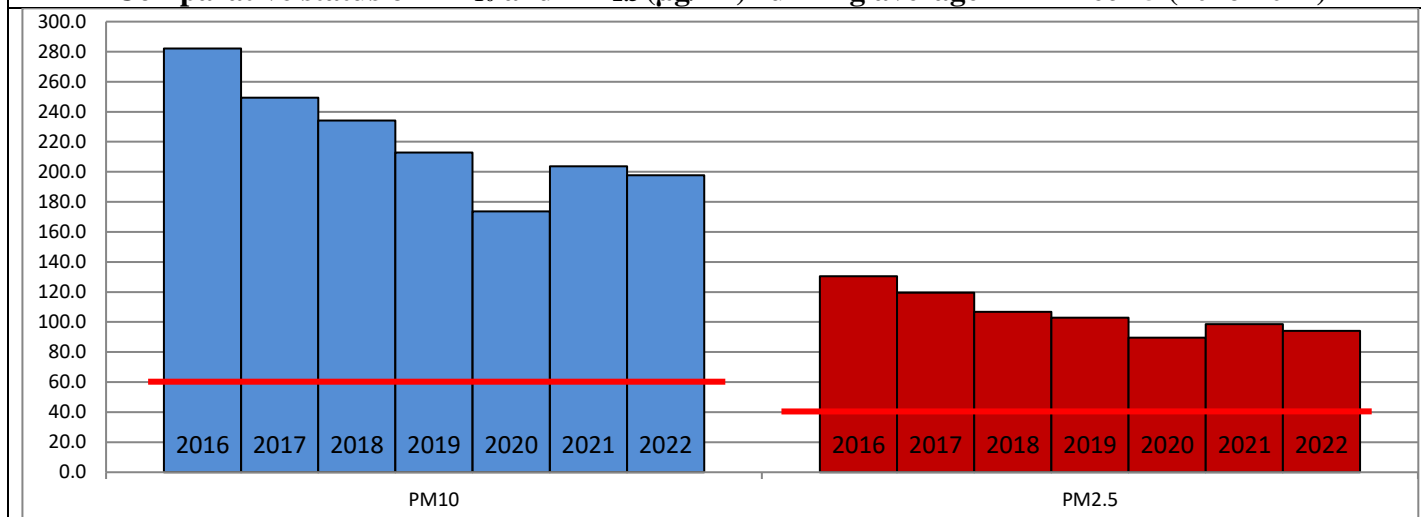
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	223 ↑	PM <sub>2.5</sub>
Faridabad	Poor	204 ↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Moderate	184 ↑	PM <sub>10</sub>
Greater Noida	Moderate	199 ↑	PM <sub>2.5</sub>
Gurugram	Poor	252 ↑	PM <sub>2.5</sub>
Noida	Moderate	154 ↑	PM <sub>10</sub>

\*Data available for 36 stations in Delhi today. # ↑ ↓ arrows indicate a decrease/increase as compared to the value on the previous day.

### Comparative status of AQI - Delhi from 01 January to 16 December 2016-2022

Category	Year	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
	No. of days	339	350	350	350	351	350	350							
Good (0–50)		0	2	0	2	5	1	3							
Satisfactory (51–100)		24	45	53	59	95	81	65	110	151	159	181	227	197	163
Moderate (101–200)		86	104	106	120	127	115	95							
Poor (201–300)		119	112	114	102	69	75	130							
Very Poor (301–400)		88	79	63	48	43	60	52	229	199	191	169	124	153	187
Severe (>401)		22	8	14	19	12	18	5							

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till Dec 15 (2016-2022)



### Hotspots for Today:

\*Details given overleaf

Delhi	Anand Vihar, NSIT Dwarka, Bawana, Shadipur, Mundka	Ghaziabad	Vasundhara
Faridabad	Sector-16A, New Industrial Town	Greater Noida	Knowledge Park-III
Gurugram	Teri Gram, Sector-51	Noida	Sector – 62

### Forecast by IITM (Delhi):

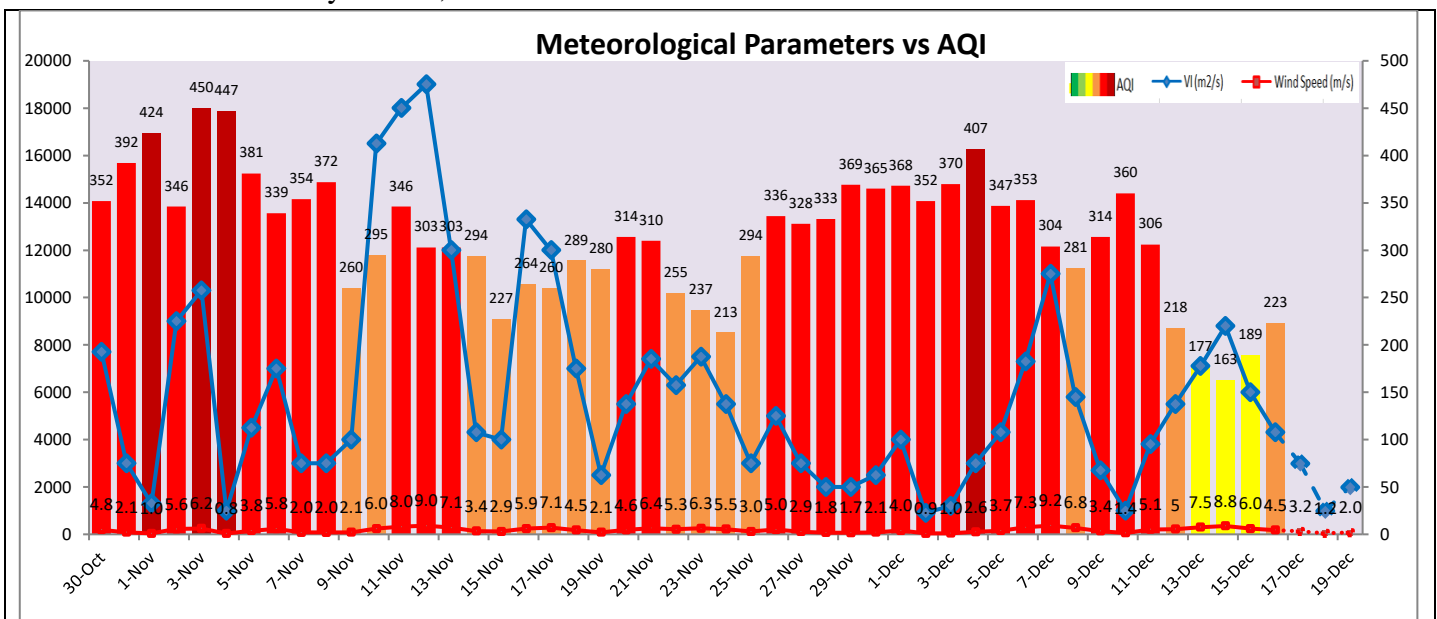
	Dec 17, 2022		Dec 18, 2022- Dec 19, 2022	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	238	Moderate	262	Poor
PM <sub>2.5</sub>	147	Very Poor	162	Very Poor

### Wind Forecast for Delhi:

	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Dec 17, 2022	04-10	07	28	WNW	NW
Dec 18, 2022	04-08	08	16	NW/SW	NW
Dec 19, 2022	04-10	09	16	NW	NW

### IMD Alert for Tomorrow (17.12.2022):

The air quality is likely to deteriorate to Very Poor category on 17.12.2022 and remain in Very Poor category on 18.12.2022 and 19.12.2022. The predominant surface wind is likely to be coming from West-Northwest directions in Delhi with wind speed 04-10 kmph, mainly clear sky and mist in the morning tomorrow. Ventilation index is likely to be 3,000 m<sup>2</sup>/s.



### Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	295	Poor	PM <sub>2.5</sub>
	NSIT Dwarka, Delhi - CPCB	295	Poor	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	294	Poor	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	288	Poor	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	274	Poor	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	217	Poor	PM <sub>10</sub>
	Sector- 16A, Faridabad - HSPCB	211	Poor	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	283	Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	266	Poor	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	219	Poor	PM <sub>10</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	207	Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	185	Moderate	PM <sub>10</sub>