



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – December 13, 2021



### Current Air Quality Status:

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

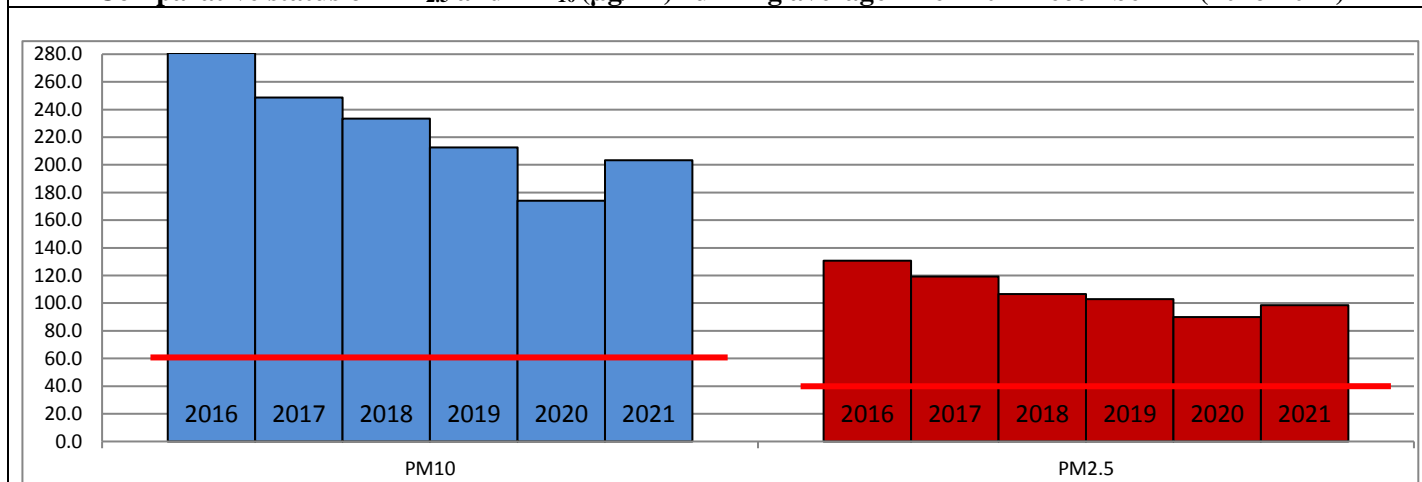
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	331↑	PM <sub>2.5</sub>
Faridabad	Very Poor	317↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Very Poor	310↑	PM <sub>2.5</sub>
Greater Noida	Poor	272↑	PM <sub>2.5</sub>
Gurugram	Poor	253↑	PM <sub>2.5</sub>
Noida	Very Poor	312↑	PM <sub>10</sub> , PM <sub>2.5</sub>

\*Data available for 37 stations in Delhi today. # ↓, ↑ arrows indicate increase/decrease as compared to value on the previous day

#### Comparative status of AQI - Delhi from 01 January to 13 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	336	347	347	348	349	348						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	59	95	72	108	151	159	179	226	197
Moderate (101–200)		83	104	106	118	126	124						
Poor (201–300)		119	109	111	102	68	76						
Very Poor (301–400)		87	79	63	48	43	57	228	196	188	169	123	151
Severe (>401)		22	8	14	19	12	18						

#### Comparative status of PM<sub>2.5</sub> and PM<sub>10</sub> (µg/m<sup>3</sup>) running average - Delhi till December 12 (2016-2021)



\* The PM values are 24 hourly averages (6 am to 6 am)

#### Hotspots for Today:

\*Details given overleaf

Delhi	Jahangirpuri, Anand Vihar, Nehru Nagar, Bawana, Rohini	Gurugram	Vikas Sadan, Sector-51
Faridabad	Sector-11, New Industrial Area	Greater Noida	Knowledge Park - III
Ghaziabad	Vasundhara, Indirapuram	Noida	Sector – 1, Sector – 116

#### Forecast by IITM:

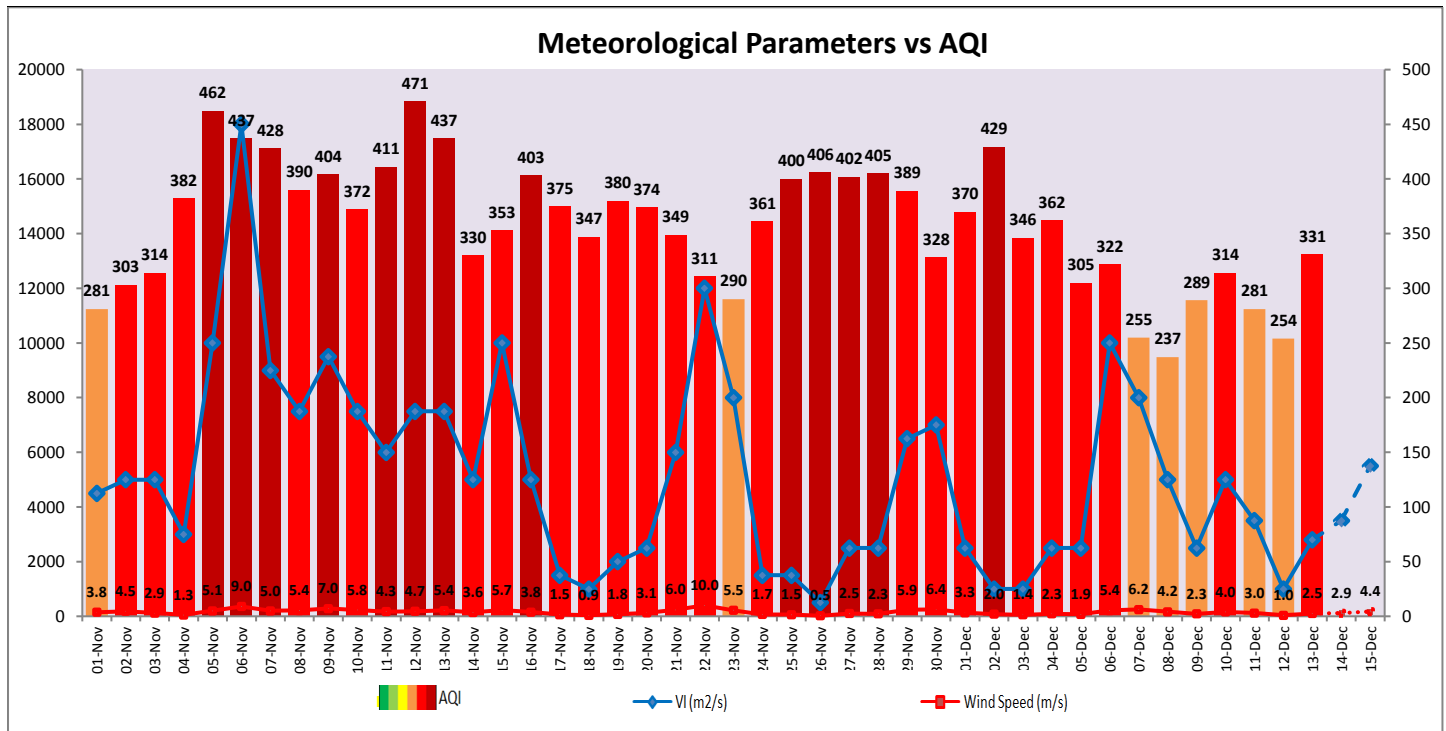
Parameters	December 14, 2021		December 15, 2021– December 16, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	297	Poor	324	Poor
PM <sub>2.5</sub>	172	Very Poor	187	Very Poor

▪ **Wind Forecast for Delhi:**

Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
December 14, 2021	06	09	09	N	E
December 15, 2021	06	09	13	NW	NW
December 16, 2021	08	09	14	NNW	E

▪ **IMD Alert for Tomorrow (14.12.2021):**

The air quality is likely to remain in Very Poor category tomorrow. The predominant surface wind is likely to be coming from Northwest/North direction of Delhi with wind speed 04-06 kmph, partly cloudy sky, and mist/shallow fog in the morning. Ventilation index is likely to be 3,500 m<sup>2</sup>/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	421	Severe	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	411	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	404	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	396	Very Poor	PM <sub>2.5</sub>
	Rohini, Delhi - DPCC	390	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	369	Very Poor	PM <sub>10</sub>
	New Industrial Town, Faridabad - HSPCB	325	Very Poor	PM <sub>10</sub>
Gurugram	Vikas Sadan, Gurugram - HSPCB	302	Very Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	262	Poor	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	331	Very Poor	PM <sub>2.5</sub>
	Indrapuram, Ghaziabad - UPPCB	330	Very Poor	PM <sub>10</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	277	Poor	PM <sub>2.5</sub>
Noida	Sector-1, Noida - UPPCB	343	Very Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	315	Very Poor	PM <sub>10</sub>