



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – December 20, 2021



### Current Air Quality Status:

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

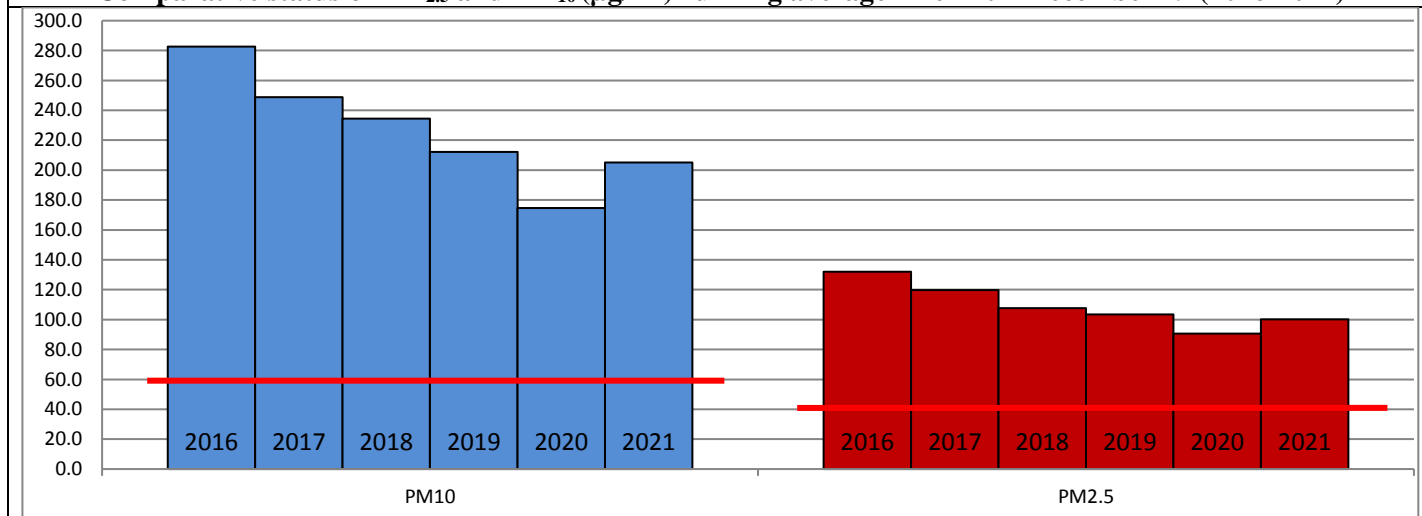
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	332↑	PM <sub>2.5</sub>
Faridabad	Poor	289↑	PM <sub>2.5</sub>
Ghaziabad	Very Poor	324↑	PM <sub>2.5</sub>
Greater Noida	Poor	290↑	PM <sub>2.5</sub>
Gurugram	Poor	284↑	PM <sub>2.5</sub>
Noida	Very Poor	303↑	PM <sub>2.5</sub>

\*Data available for 33 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 20 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	343	354	354	355	356	355						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	59	95	72	108	152	159	182	227	197
Moderate (101–200)		83	105	106	121	127	124						
Poor (201–300)		119	114	114	104	73	78						
Very Poor (301–400)		94	80	67	49	44	62	235	202	195	173	129	158
Severe (>401)		22	8	14	20	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 19 (2016-2021)



#### Hotspots for Today:

\*Details given overleaf

Delhi	Jahangirpuri, Nehru Nagar, Anand Vihar, Rohini, Sonia Vihar	Gurugram	Vikas Sadan, Sector-51
Faridabad	Sector-16A, Sector - 30	Greater Noida	Knowledge Park - III
Ghaziabad	Vasundhara, Loni	Noida	Sector – 116, Sector – 62

#### Forecast by IITM:

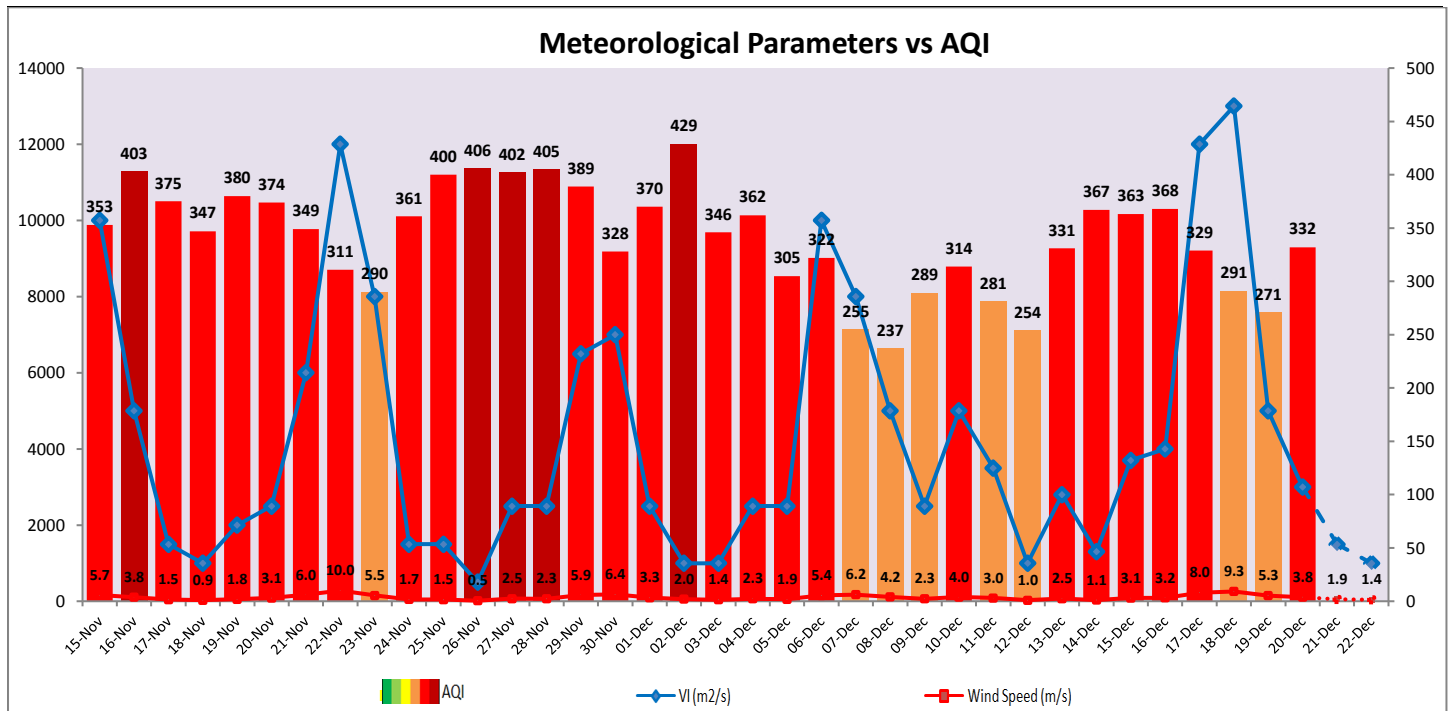
Parameters	December 21, 2021		December 22, 2021– December 23, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	264	Poor	289	Poor
PM <sub>2.5</sub>	155	Very Poor	169	Very Poor

▪ **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 21, 2021	CALM	10	15	-	NW
December 22, 2021	CALM	09	10	-	NW
December 23, 2021	CALM	06	06	-	NW

▪ **IMD Alert for Tomorrow (21.12.2021):**

The air quality is likely to deteriorate and remain in Very Poor tomorrow. The predominant surface wind is likely to remain calm in Delhi with mainly clear sky and shallow fog in the morning. Ventilation index is likely to be 1,500 m<sup>2</sup>/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	396	Very Poor	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	372	Very Poor	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	364	Very Poor	PM <sub>2.5</sub>
	Rohini, Delhi - DPCC	360	Very Poor	PM <sub>2.5</sub>
	Sonia Vihar, Delhi - DPCC	360	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector- 16A, Faridabad - HSPCB	323	Very Poor	PM <sub>2.5</sub>
	Sector 30, Faridabad - HSPCB	321	Very Poor	PM <sub>2.5</sub>
Gurugram	Vikas Sadan, Gurugram - HSPCB	306	Very Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	296	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	356	Very Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	330	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	321	Very Poor	PM <sub>2.5</sub>
Noida	Sector-116, Noida - UPPCB	327	Very Poor	PM <sub>2.5</sub>
	Sector - 62, Noida - IMD	305	Very Poor	PM <sub>2.5</sub>