



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – December 27, 2021



### Current Air Quality Status:

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

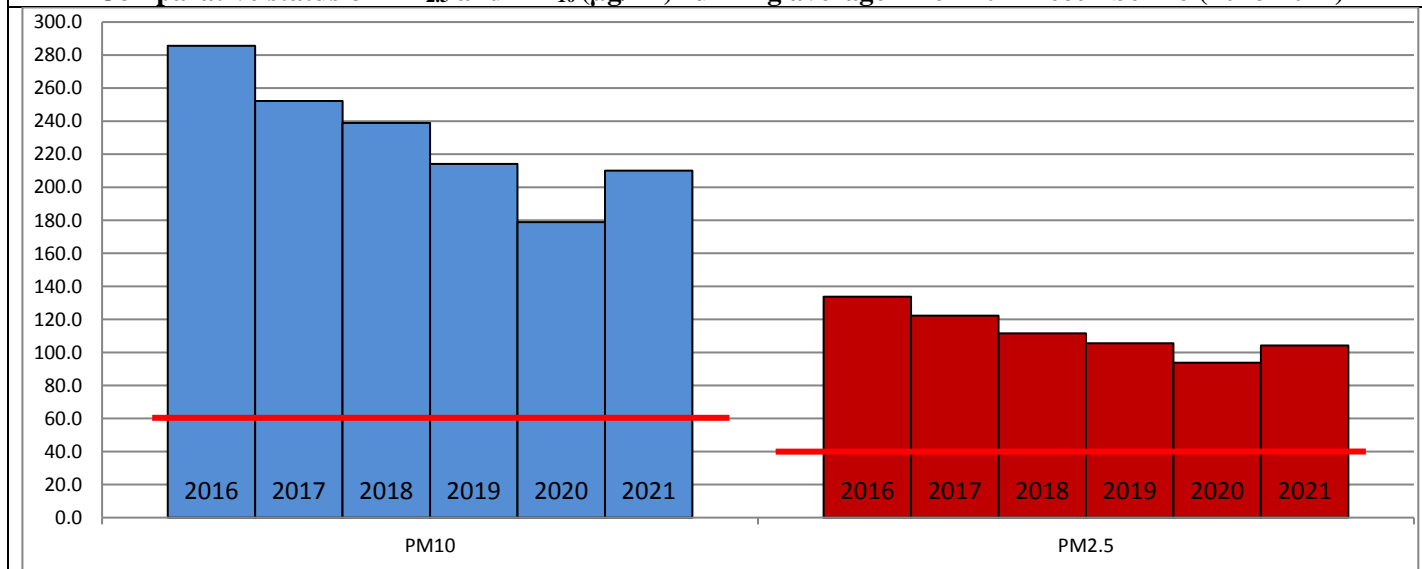
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	283↓	PM <sub>2.5</sub>
Faridabad	Poor	260↓	PM <sub>10</sub>
Ghaziabad	Poor	212↓	PM <sub>2.5</sub>
Greater Noida	Poor	242↓	PM <sub>2.5</sub>
Gurugram	Poor	250↓	PM <sub>2.5</sub>
Noida	Poor	226↓	PM <sub>2.5</sub> ,

\*Data available for 35 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 27 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	350	361	361	362	363	362						
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)		120	115	114	104	73	79						
Very Poor (301–400)		98	85	70	55	48	62	242	209	202	180	136	165
Severe (>401)		24	9	18	21	15	24						

#### Comparative status of PM<sub>2.5</sub> and PM<sub>10</sub> (µg/m<sup>3</sup>) running average - Delhi till December 26 (2016-2021)



#### Hotspots for Today:

\*Details given overleaf

Delhi	Jahangirpuri, Rohini, Bawana, Mundka, Ashok Vihar	Gurugram	Vikas Sadan, Teri Gram
Faridabad	-	Greater Noida	Knowledge Park - III
Ghaziabad	Sanjay Nagar, Loni	Noida	Sector – 116, Sector – 1

#### Forecast by IITM:

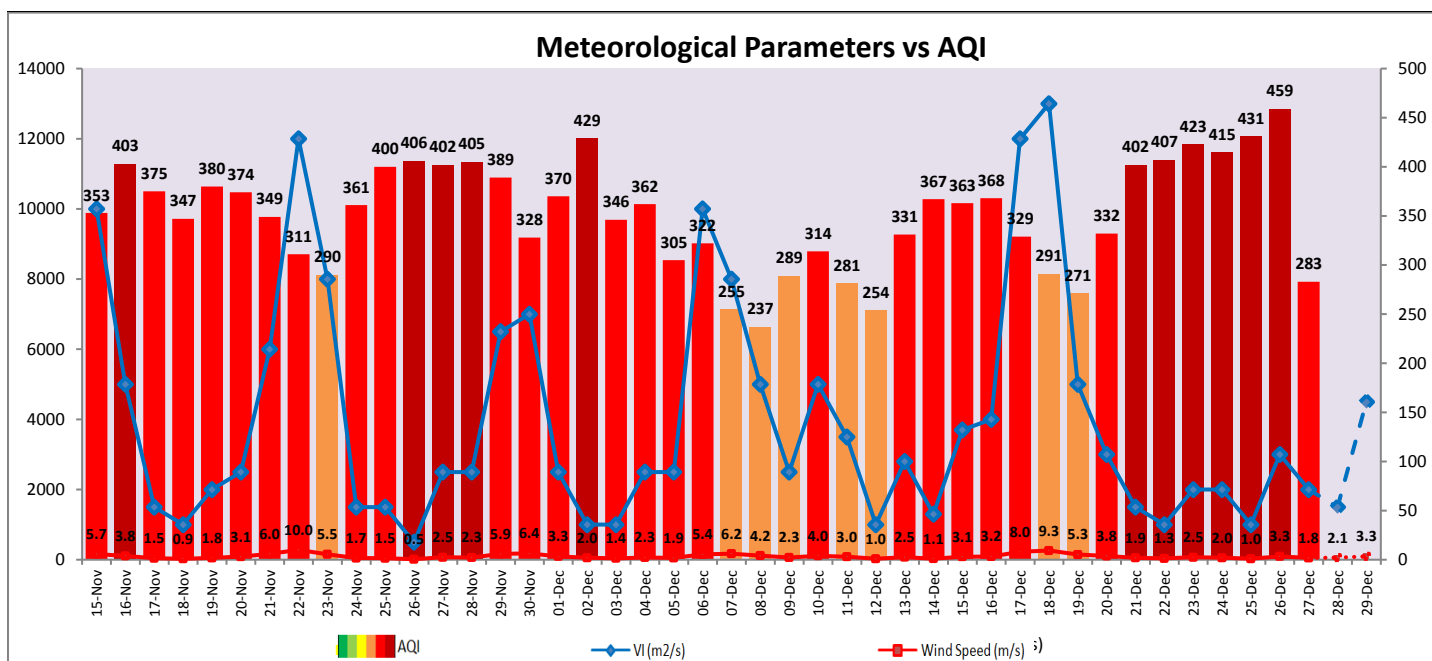
Parameters	December 28, 2021		December 29, 2021– December 30, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	229	Moderate	272	Poor
PM <sub>2.5</sub>	144	Very Poor	172	Very Poor

▪ **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 28, 2021	06	05	06	NNE	NE
December 29, 2021	08	08	22	SE	NW
December 30, 2021	04	08	15	NNE	N

▪ **IMD Alert for Tomorrow (28.12.2021):**

The air quality is likely to remain in Poor to Moderate category on 28.12.2021 and Poor category on 29.12.2021. The rain on 26<sup>th</sup> December helped in significant improvement of air quality. The predominant surface wind is likely to be coming from Northeast direction of Delhi having wind speed 04-06 kmph, generally cloudy sky with very light rain/drizzle and shallow to moderate 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	Dwarka-Sector 8, Delhi - DPCC	345	Very Poor	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	343	Very Poor	PM <sub>2.5</sub>
	Najafgarh, Delhi - DPCC	338	Very Poor	PM <sub>10</sub>
	Sonia Vihar, Delhi - DPCC	337	Very Poor	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	329	Very Poor	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	275	Poor	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	243	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	312	Very Poor	PM <sub>2.5</sub>
	Indrapuram, Ghaziabad - UPPCB	166	Moderate	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	293	Poor	PM <sub>2.5</sub>
Noida	Sector-1, Noida - UPPCB	233	Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	225	Poor	PM <sub>2.5</sub>