



# Central Pollution Control Board

## Air Quality Status for Delhi &NCR

Dated – December 12, 2021



### Current Air Quality Status:

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

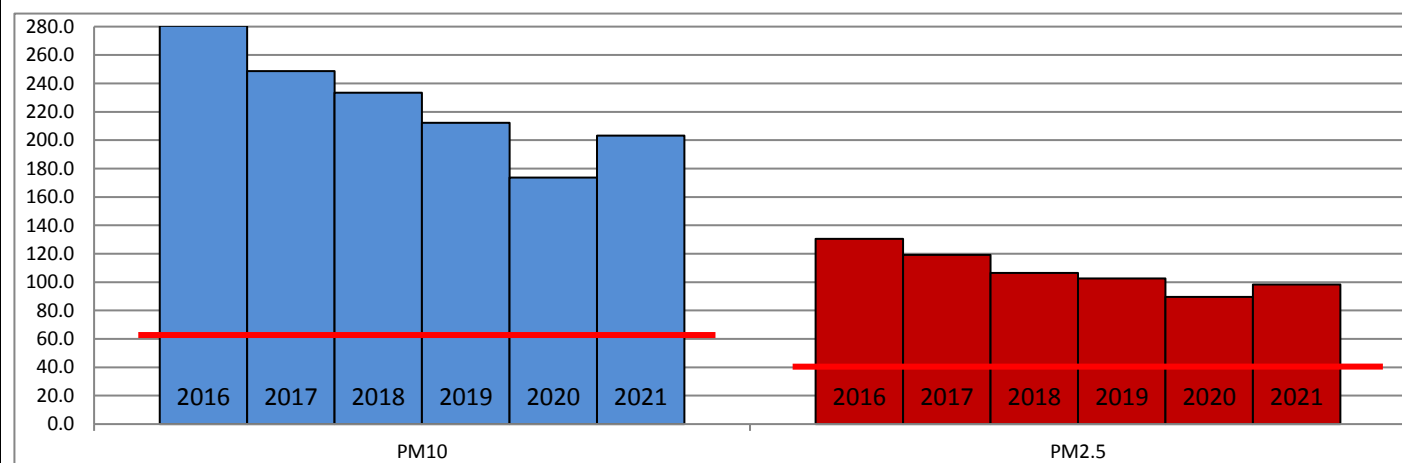
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	254↓	PM <sub>2.5</sub>
Faridabad	Poor	250↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Poor	272↑	PM <sub>2.5</sub>
Greater Noida	Moderate	152↓	PM <sub>2.5</sub>
Gurugram	Poor	207↓	PM <sub>2.5</sub>
Noida	Poor	214↓	PM <sub>10</sub> , PM <sub>2.5</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 12 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	335	346	346	347	348	347						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	59	95	72	108	151	158	179	226	197
Moderate (101–200)		83	104	105	118	126	124						
Poor (201–300)		119	108	111	101	68	76						
Very Poor (301–400)		86	79	63	48	42	56	227	195	188	168	122	150
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 11 (2016-2021)



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

#### Hotspots for Today:

\*Details given overleaf

Delhi	Jahangirpuri, Nehru Place, Wazirpur, Alipur, Anand Vihar	Gurugram	Vikas Sadan, Sector-51
Faridabad	Sector-11, New Industrial Area	Greater Noida	Knowledge Park - III
Ghaziabad	Loni, Sanjay Nagar	Noida	Sector – 1, Sector – 125

#### Forecast by IITM:

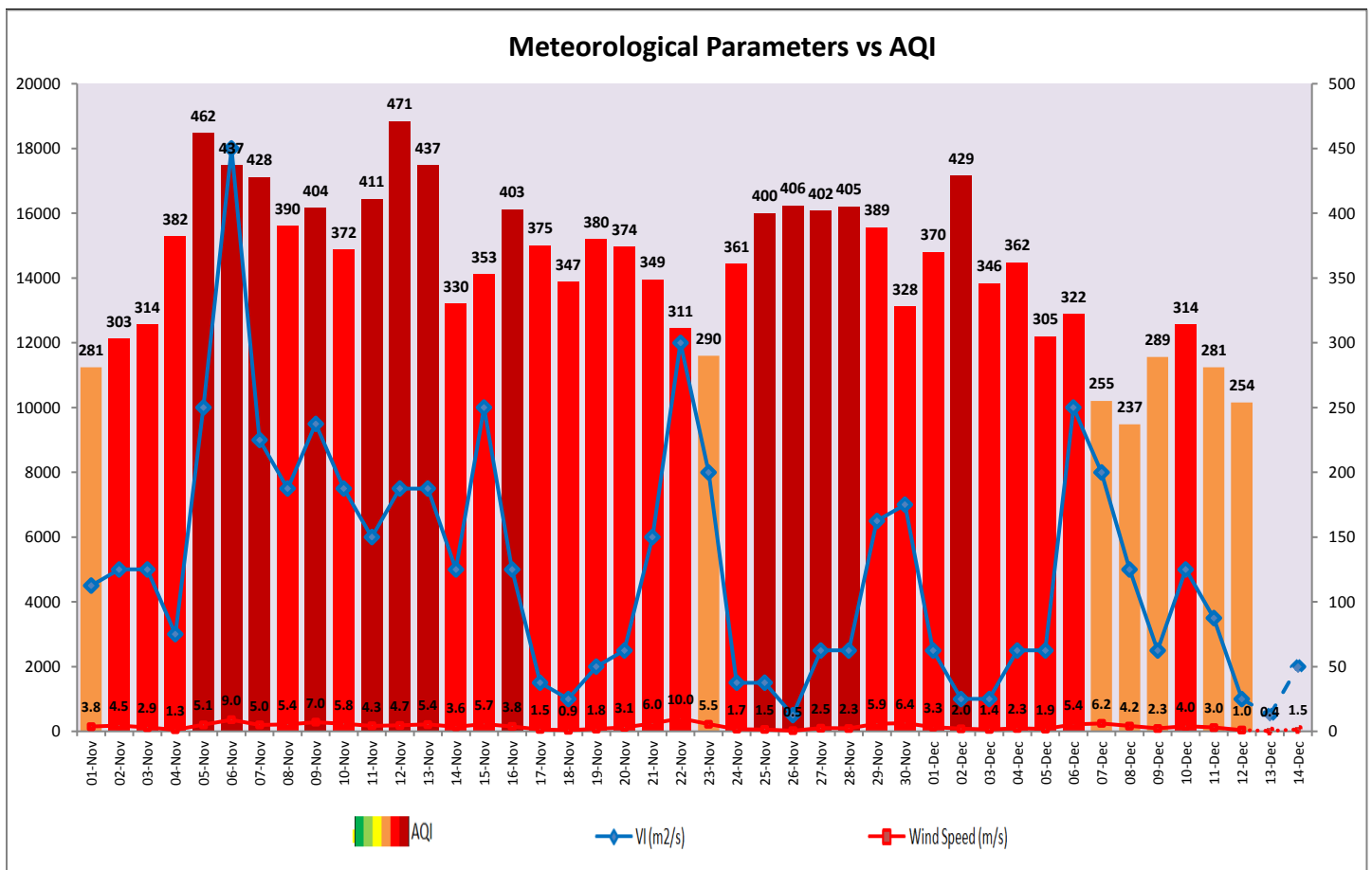
Parameters	December 13, 2021		December 14, 2021– December 15, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	261	Poor	287	Poor
PM <sub>2.5</sub>	153	Very Poor	168	Very Poor

■ **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 13, 2021	06	06	07	SE	SE
December 14, 2021	CALM	08	08	-	E
December 15, 2021	12	09	14	N	NW

■ **IMD Alert for Tomorrow (13.12.2021):**

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



▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	337	Very Poor	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	321	Very Poor	PM <sub>2.5</sub>
	Wazirpur, Delhi - DPCC	306	Very Poor	PM <sub>2.5</sub>
	Alipur, Delhi - DPCC	304	Very Poor	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	304	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	280	Poor	PM <sub>10</sub>
	New Industrial Town, Faridabad - HSPCB	279	Poor	PM <sub>10</sub>
Gurugram	Sector-51, Gurugram - HSPCB	291	Poor	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	247	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	357	Very Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	285	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	152	Moderate	PM <sub>2.5</sub>
Noida	Sector-1, Noida - UPPCB	260	Poor	PM <sub>2.5</sub>
	Sector - 125, Noida - UPPCB	221	Poor	PM <sub>2.5</sub>