



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 16, 2021

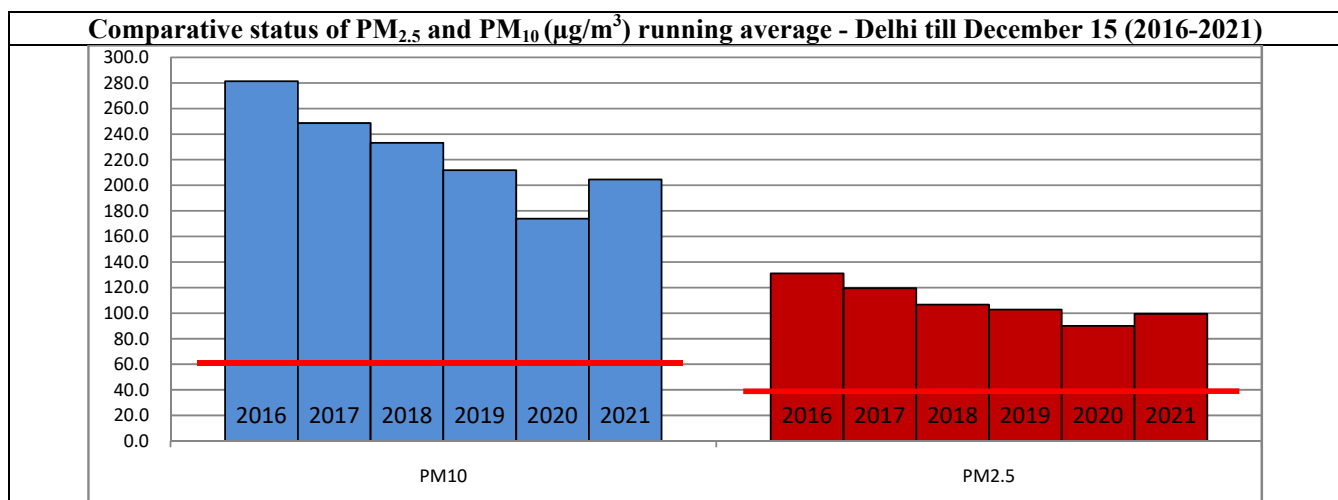


## Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours)			
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	368↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Very Poor	334	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Very Poor	326↑	PM <sub>2.5</sub>
Greater Noida	Very Poor	308↑	PM <sub>2.5</sub>
Gurugram	Very Poor	331↓	PM <sub>2.5</sub>
Noida	Very Poor	314↑	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 16 December 2016-2021													
Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	339	350	350	351	352	351						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	59	95	72	108	151	159	181	227	197
Moderate (101–200)		83	104	106	120	127	124						
Poor (201–300)		119	112	114	103	70	76						
Very Poor (301–400)		90	79	63	48	43	60	231	199	191	170	125	154
Severe (>401)		22	8	14	19	12	18						



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

Hotspots for Today:		*Details given overleaf	
Delhi	Jahangirpuri, Nehru Nagar, Mundka, Ashok Nagar, Anand Vihar	Gurugram	Vikas Sadan, NISE Gwal Pahari
Faridabad	Sector-16A, Sector - 30	Greater Noida	Knowledge Park - III
Ghaziabad	Loni, Vasundhara	Noida	Sector – 1, Sector –62

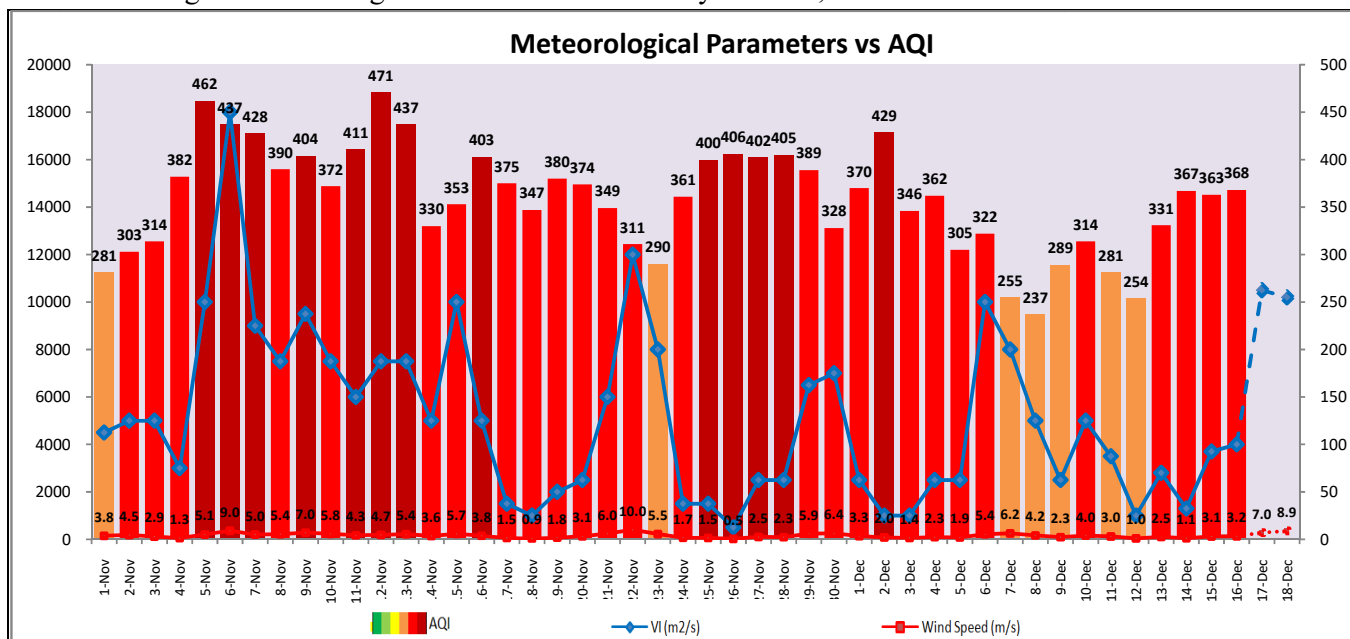
Forecast by IITM:				
Parameters	December 17, 2021		December 18, 2021– December 19, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	254	Poor	198	Moderate
PM <sub>2.5</sub>	154	Very Poor	120	Poor

▪ **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 17, 2021	10	11	35	NW	NW
December 18, 2021	16	13	42	NW	NW
December 19, 2021	08	11	32	NW	NW

▪ **IMD Alert for Tomorrow (17.12.2021):**

The air quality is likely remain in Poor category tomorrow and day after tomorrow. The predominant surface wind is likely to be coming from Northwest direction of Delhi with wind speed 10-16 kmph, partly cloudy sky and shallow fog in the morning. Ventilation index is likely to be 10,500 m<sup>2</sup>/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	430	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	412	Severe	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	410	Severe	PM <sub>2.5</sub>
	Ashok Vihar, Delhi - DPCC	399	Very Poor	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	398	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector- 16A, Faridabad - HSPCB	369	Very Poor	PM <sub>2.5</sub>
	Sector 30, Faridabad - HSPCB	348	Very Poor	PM <sub>2.5</sub>
Gurugram	Vikas Sadan, Gurugram - HSPCB	360	Very Poor	PM <sub>2.5</sub>
	NISE Gwal Pahari, Gurugram - IMD	326	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	339	Very Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	259	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	312	Very Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	313	Very Poor	PM <sub>10</sub>
	Sector-1, Noida - UPPCB	294	Poor	PM <sub>2.5</sub>