



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – May 20, 2022



### Current Air Quality Status:

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

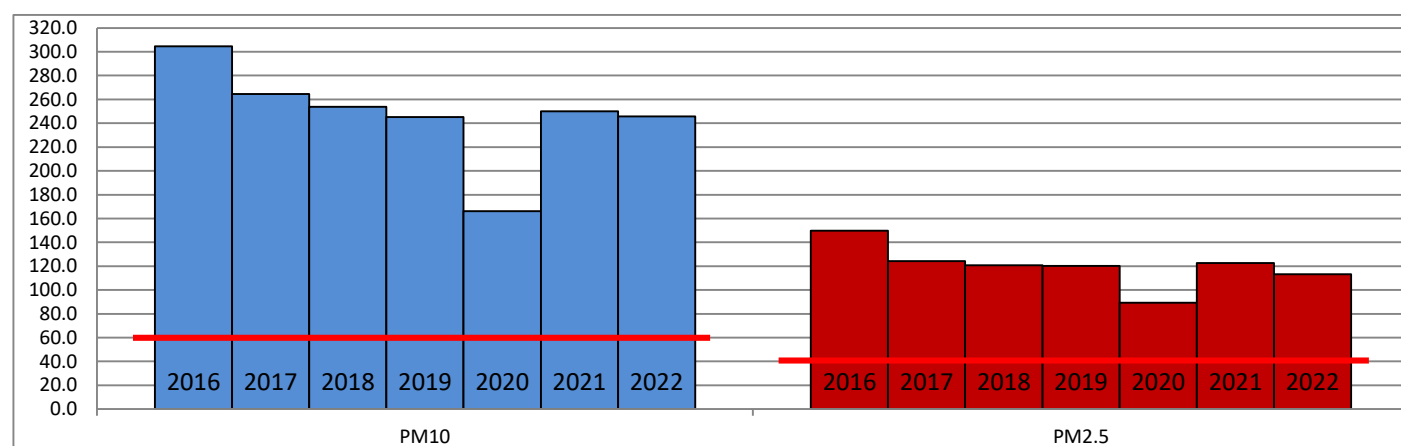
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	266 ↑	PM <sub>10</sub>
Faridabad	Poor	284 ↑	PM <sub>2.5</sub> , PM <sub>10</sub>
Ghaziabad	Poor	275 ↑	PM <sub>10</sub>
Greater Noida	Poor	274 ↑	PM <sub>10</sub>
Gurugram	Poor	258 ↑	PM <sub>10</sub>
Noida	Very Poor	306 ↑	PM <sub>10</sub>

\*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 20 May 2016-2022

Category	Year	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
	No. of days	137	140	140	140	141	140	140							
Good (0–50)		0	0	0	0	1	0	0							
Satisfactory (51–100)		0	0	1	2	27	3	3	12	32	43	51	87	49	33
Moderate (101–200)		12	32	42	49	59	46	30							
Poor (201–300)		70	73	68	56	37	53	88							
Very Poor (301–400)		49	35	26	26	15	32	18	125	108	97	89	54	91	107
Severe (>401)		6	0	3	7	2	6	1							

#### Comparative status of PM<sub>2.5</sub> and PM<sub>10</sub> (µg/m<sup>3</sup>) running average – Till May 18 (2016-2022)



#### Hotspots for Today:

\*Details given overleaf

Delhi	Narela, Mundka, Bawana, North Campus, Vivek Vihar	Gurugram	Teri Gram
Faridabad	Sector-30	Greater Noida	-
Ghaziabad	Loni, Vasundhara	Noida	Sector -125, Sector-116

#### Forecast by IITM:

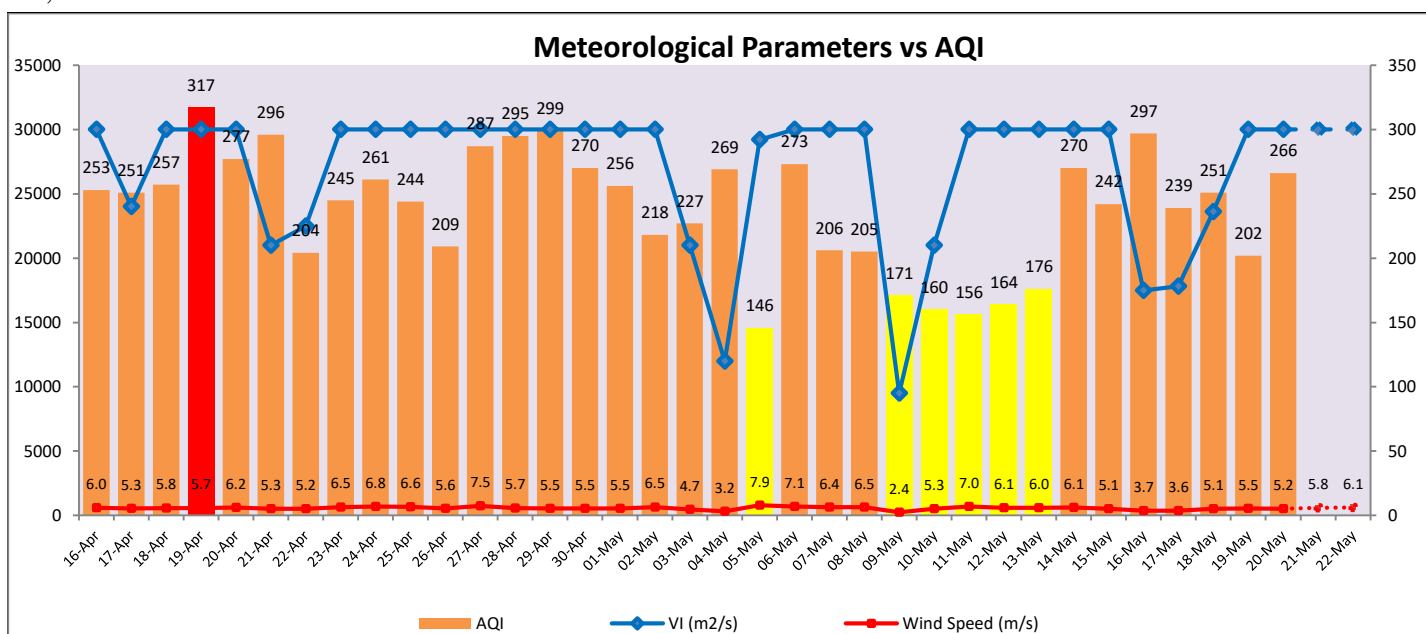
Parameters	May 21, 2022		May 22, 2022- May 23, 2022	
	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	326	Poor	266	Poor
PM <sub>2.5</sub>	109	Poor	89	Moderate

## Wind Forecast for Delhi:

	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
May 21, 2022	12	11	11	WSW	NW
May 22, 2022	16	06	13	W	W
May 23, 2022	30	25	60	ESE	SE

### IMD Alert for Tomorrow (21.05.2022):

The air quality is likely to deteriorate on 21.05.2022 but will remain in upper end of Poor category. The predominant surface wind is likely to be coming from Southwest direction of Delhi with wind speed 12-32 kmph, partly cloudy sky, **duststorm/ thunderstorm accompanied with gusty winds (speed 30-40 kmph) and very light rain/drizzle tomorrow. Long range transported dust will also impact air quality over parts of Rajasthan, Gujarat, and NCR during next two days.** The ventilation index is likely to be more than 30,000 m<sup>2</sup>/s tomorrow.



### Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Narela, Delhi - DPCC	382	Very Poor	PM <sub>10</sub>
	Mundka, Delhi - DPCC	356	Very Poor	PM <sub>10</sub>
	Bawana, Delhi - DPCC	341	Very Poor	PM <sub>10</sub>
	North Campus, DU, Delhi - IMD	318	Very Poor	PM <sub>10</sub>
	Vivek Vihar, Delhi - DPCC	316	Very Poor	PM <sub>10</sub>
Faridabad	Sector 30, Faridabad - HSPCB	314	Very Poor	PM <sub>10</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	272	Poor	PM <sub>10</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	395	Very Poor	PM <sub>10</sub>
	Vasundhara, Ghaziabad - UPPCB	299	Poor	PM <sub>10</sub>
Noida	Sector - 125, Noida - UPPCB	337	Very Poor	PM <sub>10</sub>
	Sector-116, Noida - UPPCB	315	Very Poor	PM <sub>10</sub>