



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – April 20, 2024



Current Air Quality Status:

■ Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

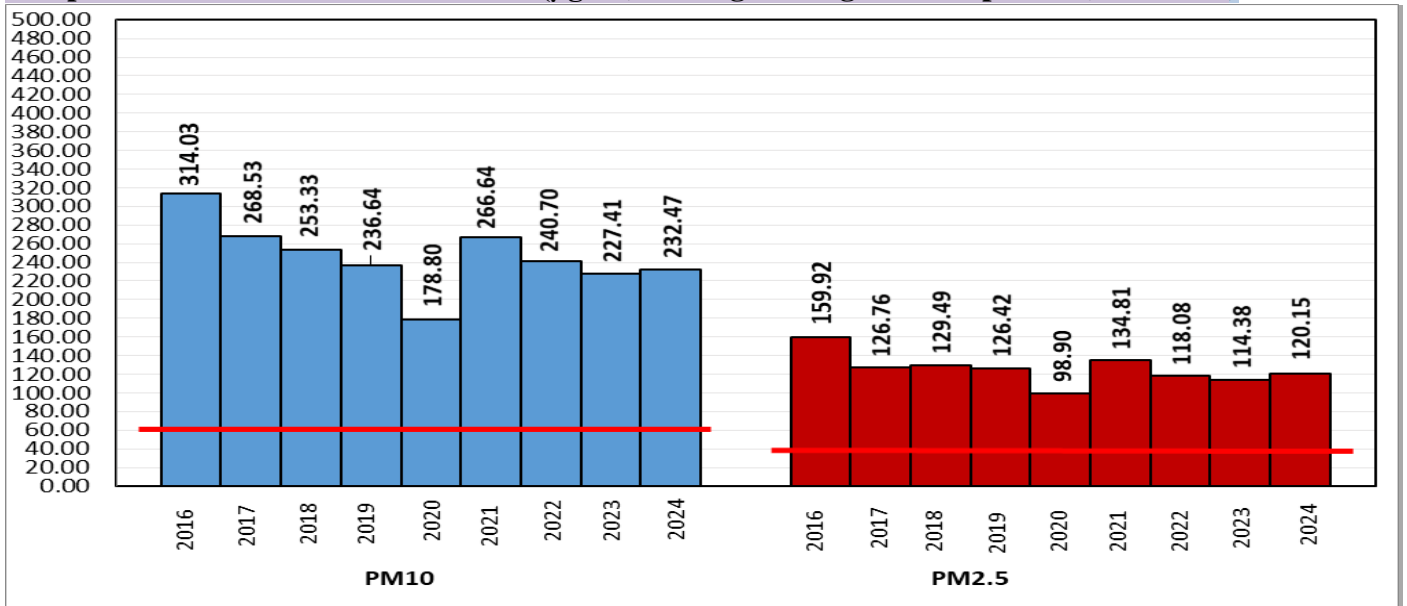
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	217↑	PM _{2.5} , PM ₁₀	Moderate	159↓	PM ₁₀ , CO	Poor	277↓	PM ₁₀
Faridabad	Poor	236↑	PM _{2.5} , PM ₁₀	Moderate	139↓	PM _{2.5}	Very Poor	332↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Moderate	168↓	PM ₁₀	Moderate	160↓	PM ₁₀	Poor	262↓	PM ₁₀
Greater Noida	Poor	256↑	PM ₁₀	Moderate	190↓	PM ₁₀	Poor	298↓	PM ₁₀
Gurugram	Very Poor	371↑	PM _{2.5} , PM ₁₀	Poor	245↓	PM _{2.5}	Poor	260↓	PM ₁₀
Noida	Poor	215↑	PM ₁₀	Moderate	165↓	PM ₁₀	Poor	300↓	PM ₁₀

*Data available for 38(2024), 38(2023), 35(2022) stations in Delhi today. # ↑, ↓ arrows indicate a decrease/increase as compared to the value on the previous day.

■ Comparative status of AQI - Delhi from 01 January to 20 April 2016-2024

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	No. of days	107	110	110	110	111	110	110	110	111										
Good (0-50)		0	0	0	0	1	0	0	0	0										
Satisfactory (51-100)		0	0	1	2	21	0	3	3	0	8	25	31	44	59	26	27	45	55	
Moderate (101-200)		8	25	30	42	37	26	24	42	55										
Poor (201-300)		50	56	55	37	35	46	64	42	22										
Very Poor (301-400)		43	29	21	22	15	32	18	20	31	99	85	79	66	52	84	83	65	56	
Severe (>401)		6	0	3	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till April 19 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

■ Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 19.04.24 to 06:00 am of 20.04.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
19-April -2024	67↑	249↑

Hotspots for Today:

*Details given below

Delhi	NSIT Dwarka, Dwarka-Sector 8, Shadipur, Mundka, Aya Nagar	Ghaziabad	Indirapuram
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - III
Gurugram	Sector 51	Noida	Sector-116

Forecast by IITM(Delhi):

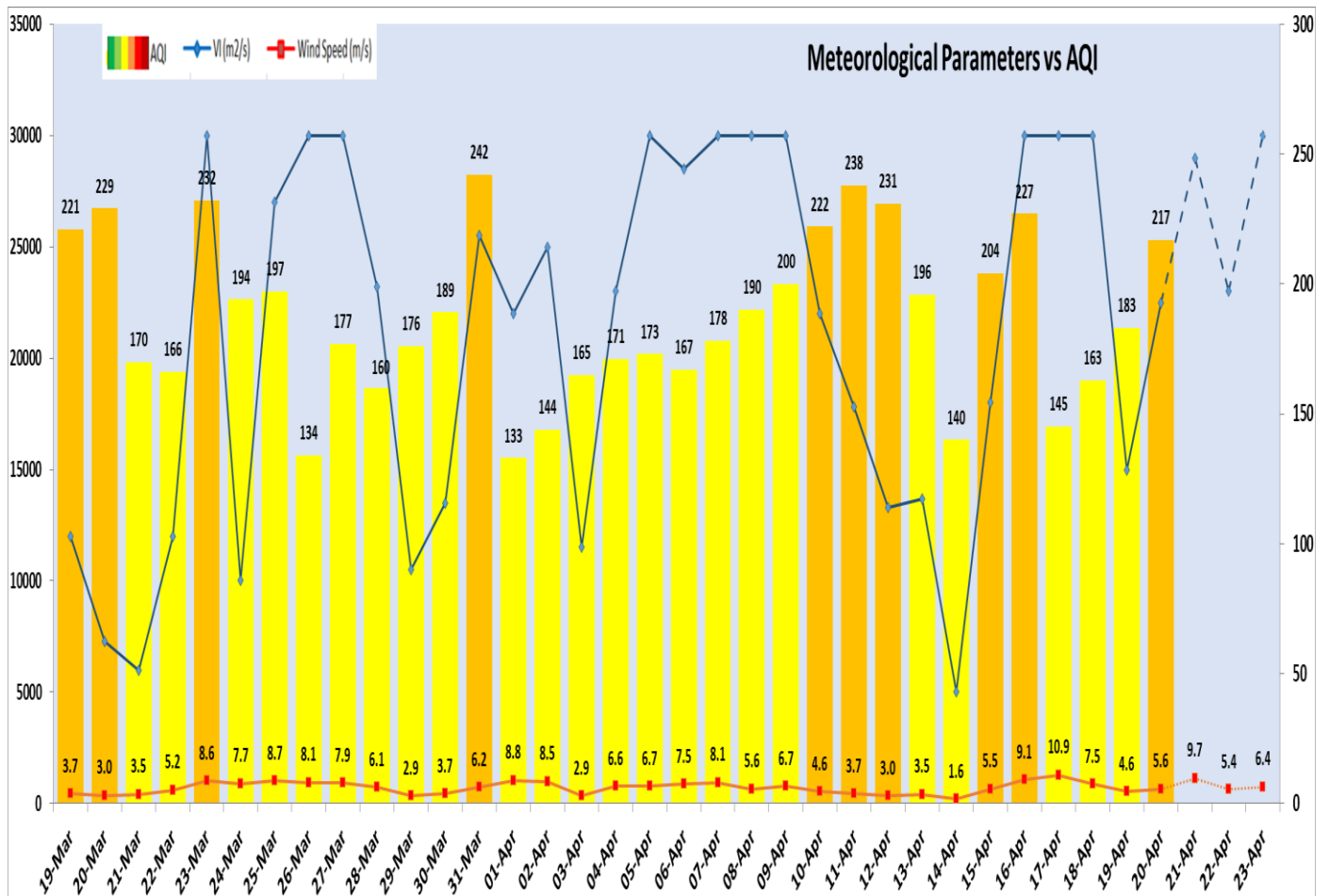
	Apr 21, 2024	Apr 22, 2024	Apr 23, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Apr 21. 2024	10-24	17	25	NW	W
Apr 22. 2024	08-22	11	14	VAR	W
Apr 23. 2024	04-16	13	21	NW/NNW	W

IMD Alert for Tomorrow (21.04.2024):

The air quality is likely to be in Moderate category from 21.04.2024 to 23.04.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 10-24 kmph, mainly clear sky and strong surface winds (speed 25-35 kmph) during the day on 21.04.2024. Ventilation index is likely to be 29000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
17-04-2024	20.5	35.8
18-04-2024	20.9	35.1
19-04-2024	24.3	39.2
20-04-2024	23.3	39.4

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	NSIT Dwarka, Delhi - CPCB	341	Very Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	293	Poor	PM ₁₀
	Shadipur, Delhi - CPCB	292	Poor	PM _{2.5}
	Mundka, Delhi - DPCC	279	Poor	PM ₁₀
	Aya Nagar, Delhi - IMD	268	Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	368	Very Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	331	Very Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	385	Very Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	219	Poor	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	281	Poor	PM ₁₀
Noida	Sector-116, Noida - UPPCB	237	Poor	PM ₁₀