



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – April 17, 2024



Current Air Quality Status:

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

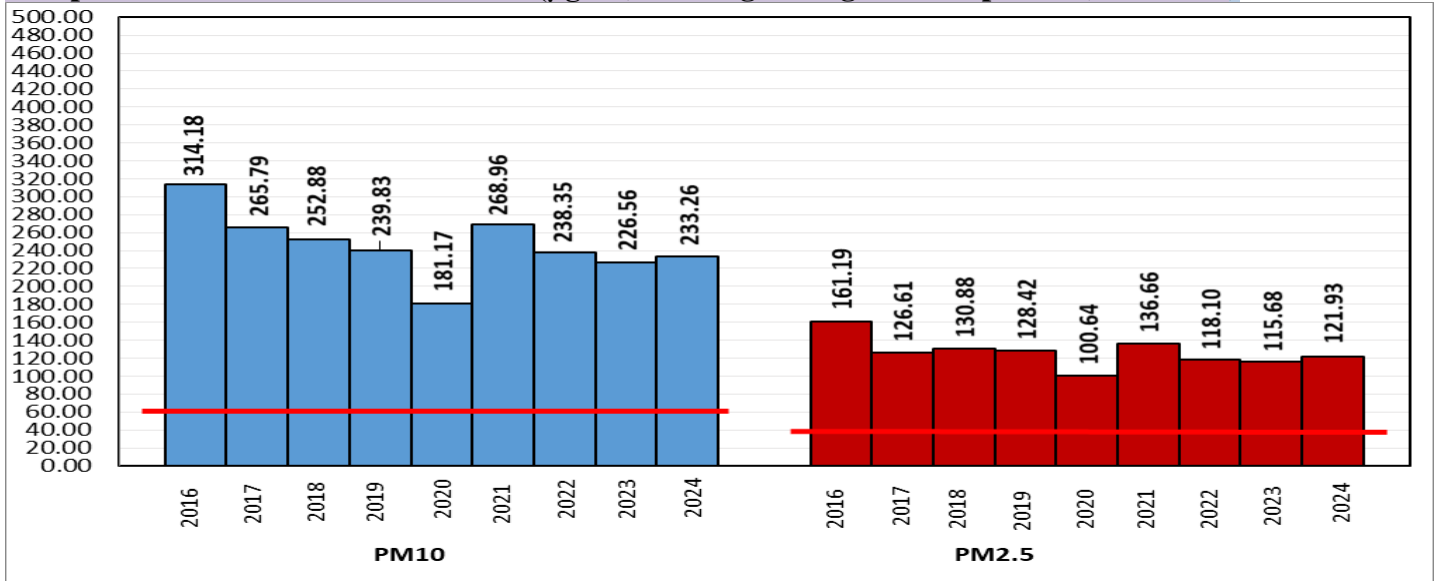
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	145↓	PM _{2.5} , PM ₁₀ , O ₃	Poor	206↓	PM ₁₀ , PM _{2.5}	Poor	251↓	PM ₁₀
Faridabad	Moderate	154↓	PM _{2.5} , PM ₁₀	Moderate	137↓	PM ₁₀ , PM _{2.5}	Very Poor	358↑	PM ₁₀
Ghaziabad	Moderate	124↓	PM ₁₀	Poor	226↓	PM ₁₀	Poor	239↑	PM ₁₀
Greater Noida	Moderate	164↓	O ₃ , PM ₁₀	Poor	242↓	O ₃	Poor	288	PM ₁₀
Gurugram	Moderate	198↓	PM _{2.5} , PM ₁₀	Poor	265↑	PM _{2.5}	Poor	276↑	PM ₁₀
Noida	Moderate	153↓	O ₃	Poor	218↓	PM ₁₀	Poor	269↓	PM ₁₀

*Data available for 33(2024), 38(2023), 38(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 17 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	104	107	107	107	108	107	107	107	108	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Satisfactory (51-100)		0	0	1	2	19	0	3	3	0	8	25	31	41	56	23	27	44	53	
Moderate (101-200)		8	25	30	39	36	23	24	41	53										
Poor (201-300)		47	54	52	37	35	46	62	40	21										
Very Poor (301-400)		43	28	21	22	15	32	17	20	31	96	82	76	66	52	84	80	63	55	
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 16 (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 16.04.24 to 06:00 am of 17.04.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
16- April -2024	30↓	77↓

Hotspots for Today: *Details given below

Delhi	DTU, NSIT Dwarka, Dr. Karni Singh Shooting Range, Najafgarh, R K Puram	Ghaziabad	Indirapuram, Sanjay Nagar
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, Vikas Sadan	Noida	Sector-116

Forecast by IITM(Delhi):

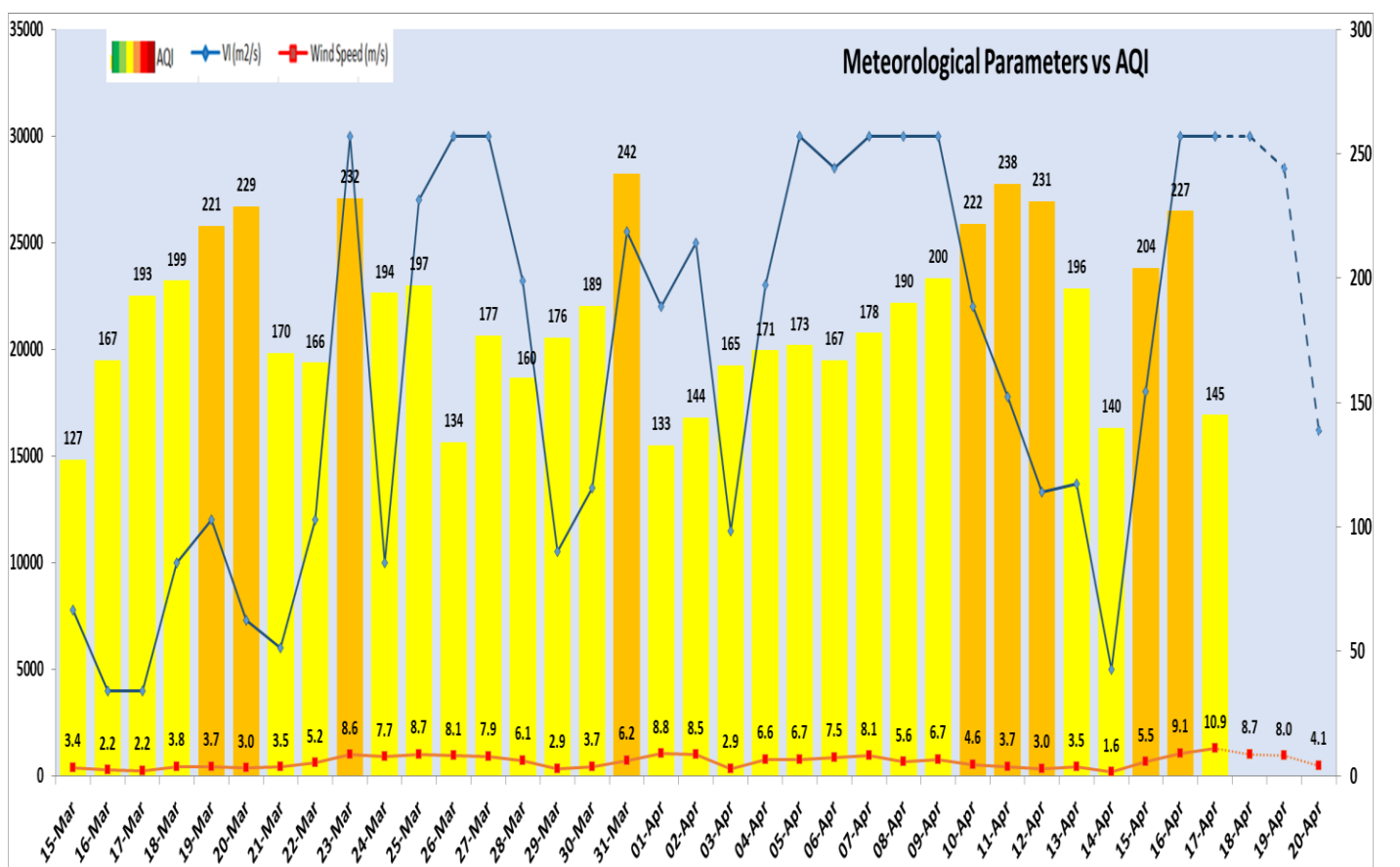
	Apr 18, 2024	Apr 19, 2024	Apr 20, 2024
AQI Category	Moderate	Moderate	Moderate

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 18. 2024	16-20	17	26	NW	W
Apr 19. 2024	12-24	23	38	W/SE	SW
Apr 20. 2024	08-16	15	17	SE/N	NW

IMD Alert for Tomorrow (18.04.2024):

The air quality is likely to be in Moderate category from 18.04.2024 to 20.04.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 16-20 kmph, generally cloudy sky and very light rain/drizzle accompanied with gusty winds (speed 30-40 kmph) towards evening/night on 18.04.2024. Ventilation index is likely to be above 30000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
14-04-2024	21.4	39.3
15-04-2024	21.6	32.2
16-04-2024	23.5	35.2
17-04-2024	20.5	35.8

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	DTU, Delhi - CPCB	367	Very Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	223	Poor	PM _{2.5}
	Dr. Karni Singh Shooting Range, Delhi - DPCC	218	Poor	Ozone
	Najafgarh, Delhi - DPCC	199	Moderate	Ozone
	R K Puram, Delhi - DPCC	178	Moderate	Ozone
Faridabad	New Industrial Town, Faridabad - HSPCB	253	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	164	Moderate	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	229	Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	204	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	141	Moderate	PM ₁₀
	Sanjay Nagar, Ghaziabad - UPPCB	128	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	171	Moderate	Ozone
Noida	Sector-116, Noida - UPPCB	156	Moderate	Ozone