



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – February 21, 2024



Current Air Quality Status:

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

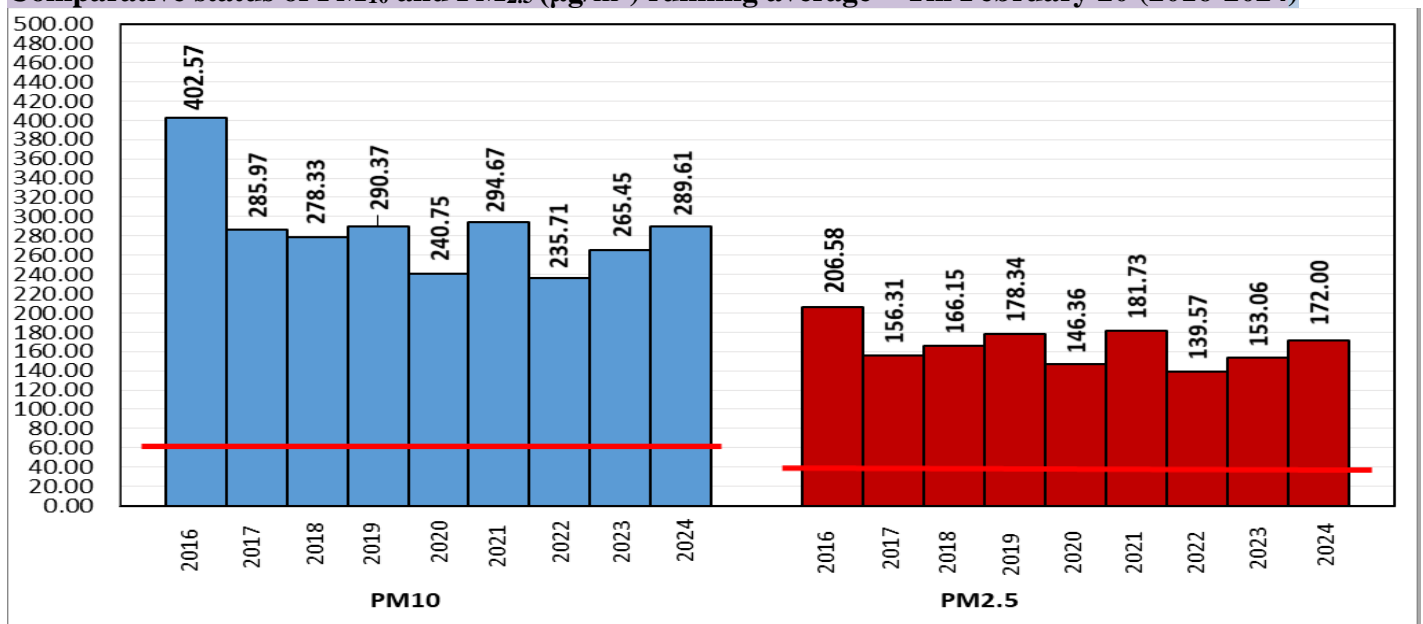
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	245↑	PM2.5	Poor	245↓	PM2.5	Moderate	165↓	PM10, PM2.5
Faridabad	Poor	209↓	PM2.5	Moderate	194↓	PM2.5	Moderate	167↓	PM2.5, PM10
Ghaziabad	Poor	202↑	PM10, PM2.5	Poor	208↓	PM2.5, O ₃	Poor	201↑	PM10, PM2.5
Greater Noida	Poor	286↑	PM2.5	Moderate	178↓	PM ₀	Moderate	138↑	PM10
Gurugram	Poor	213↑	PM10, CO, PM2.5	Poor	248↓	PM2.5	Moderate	194↓	PM10, PM2.5
Noida	Poor	244↑	PM2.5	Moderate	199↓	PM2.5	Moderate	139↓	PM10, PM2.5

*Data available for 36(2024), 38(2023), 34(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 21 February 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	52	52	52	52	52	52	52	52	52	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0–50)		0	0	0	0	0	0	0	0	0										
Satisfactory (51–100)		0	0	0	0	0	0	2	0	0	1	3	4	6	6	4	12	11	7	
Moderate (101–200)		1	3	4	6	6	4	10	11	7										
Poor (201–300)		11	25	24	18	29	12	23	19	11										
Very Poor (301–400)		34	24	21	21	15	30	16	19	31	51	49	48	46	46	48	40	41	45	
Severe (>401)		6	0	3	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till February 20 (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 20.02.24 to 06:00 am of 21.02.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- February -2024	125↑	243↑

Hotspots for Today: *Details given below

Delhi	Vivek Vihar, ITO, North Campus, DU, Nehru Nagar, New Moti Bagh,	Ghaziabad	Sanjay Nagar, Indirapuram
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - III
Gurugram	Sector-51, Teri Gram	Noida	Sector-1, Sector-116

Forecast by IITM(Delhi):

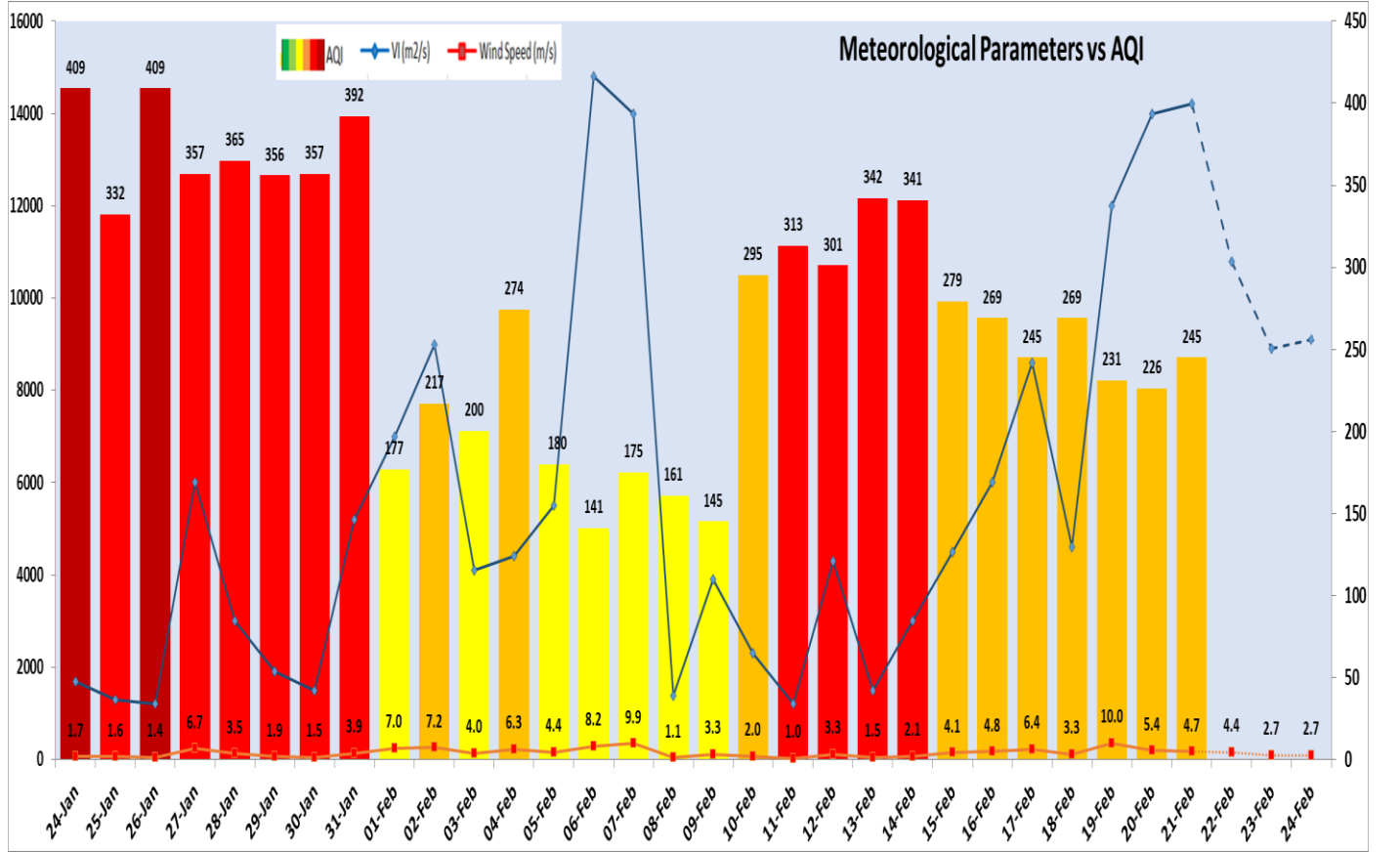
	Feb 22, 2024	Feb 23, 2024	Feb 24, 2024
AQI Category	Poor	Poor	Poor

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
Feb 22. 2024	08-16	05	13	VAR	NW
Feb 23. 2024	06-14	10	20	VAR	NW
Feb 24. 2024	04-10	07	13	NE/N	W

IMD Alert for Tomorrow (22.02.2024):

The air quality is likely to be in Poor category from 22.02.2024 to 24.02.2024. The predominant surface wind is likely to be coming from Southwest/North directions in Delhi with wind speed 08-16 kmph and partly cloudy sky on 22.02.2024. Ventilation index is likely to be 10800 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-02-2024	8.6	26.5
19-02-2024	14.1	29.7
20-02-2024	14.7	28.2
21-02-2024	12.2	28.1

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Vivek Vihar, Delhi - DPCC	321	Very Poor	PM _{2.5}
	ITO, Delhi - CPCB	319	Very Poor	PM _{2.5}
	North Campus, DU, Delhi - IMD	300	Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	298	Poor	PM _{2.5}
	New Moti Bagh, Delhi - MHUA	296	Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	303	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	280	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	311	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	227	Poor	PM ₁₀
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	242	Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	206	Poor	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	292	Poor	PM _{2.5}
Noida	Sector-1, Noida - UPPCB	285	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	264	Poor	PM _{2.5}