



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 20, 2024



Current Air Quality Status:

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

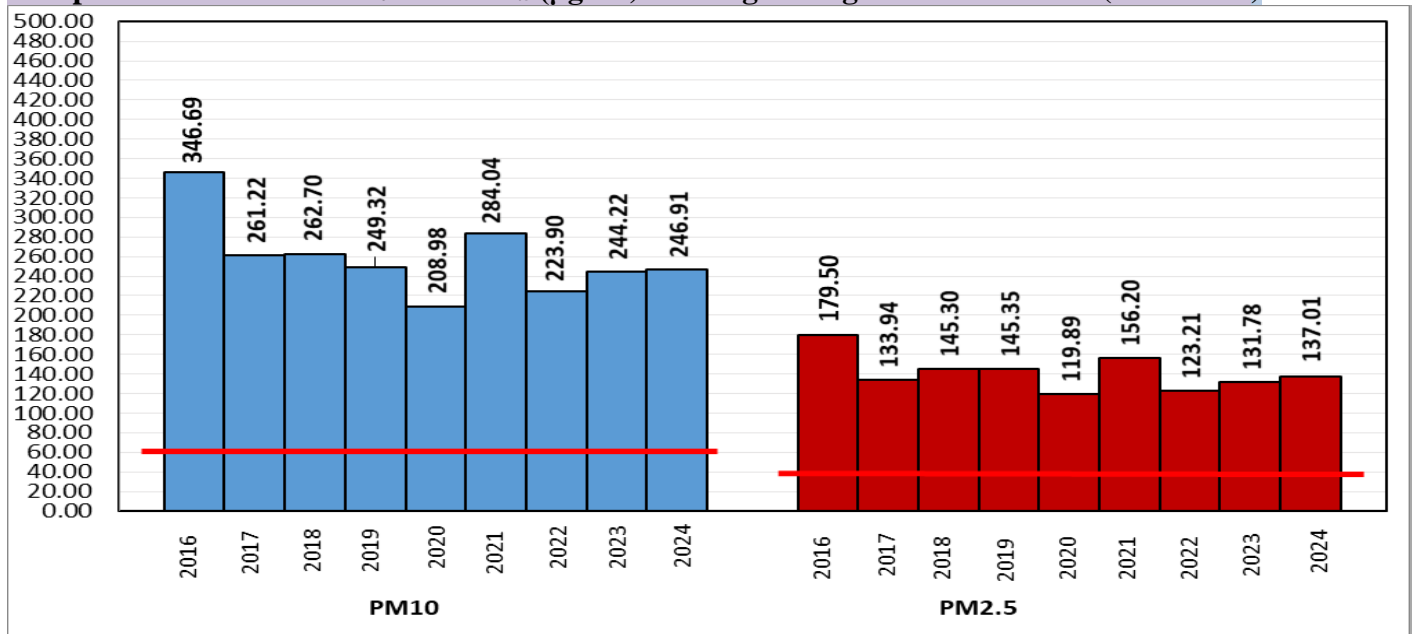
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	229↑	PM10, PM2.5	Moderate	154↓	PM10, PM2.5	Poor	242↑	PM10, PM2.5
Faridabad	Poor	220↑	PM2.5	Satisfactory	100↑	PM2.5	Poor	202↓	PM10, PM2.5
Ghaziabad	Moderate	188↑	PM10, PM2.5, O ₃	Moderate	184↑	PM10, PM2.5	Poor	291↑	PM2.5
Greater Noida	Poor	256↑	PM10	Moderate	151↑	PM10	Poor	242↑	O ₃
Gurugram	Poor	238↑	PM10, PM2.5	Moderate	115↑	PM10	Poor	228↓	PM2.5
Noida	Moderate	196↑	PM10, PM2.5	Moderate	177↑	PM2.5	Poor	230↑	PM2.5

*Data available for 38(2024), 34(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 20 March 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	76	79	79	79	80	79	79	79	80	2016	2017	2018	2019	2020	2021	2022	2023	2024
Good (0–50)		0	0	0	0	0	0	0	0	0	5	13	19	25	28	8	25	25	32
Satisfactory (51–100)		0	0	0	1	5	0	3	0	0	5	13	19	25	28	8	25	25	32
Moderate (101–200)		5	13	19	24	23	8	22	25	32	5	13	19	25	28	8	25	25	32
Poor (201–300)		24	42	36	26	35	33	36	31	14	71	66	60	54	52	71	54	54	48
Very Poor (301–400)		41	24	21	21	15	32	17	20	31	71	66	60	54	52	71	54	54	48
Severe (>401)		6	0	3	7	2	6	1	3	3	71	66	60	54	52	71	54	54	48

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till March 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 19.03.24 to 06:00 am of 20.03.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
19- March -2024	106↑	232↑

Hotspots for Today: *Details given below

Delhi	Dwarka-Sector 8, Jahangirpuri, NSIT Dwarka, Chandni Chowk, Shadipur	Ghaziabad	Sanjay Nagar
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - III
Gurugram	Teri Gram, Sector-51	Noida	Sector - 62, Sector-1, Sector-116

Forecast by IITM(Delhi):

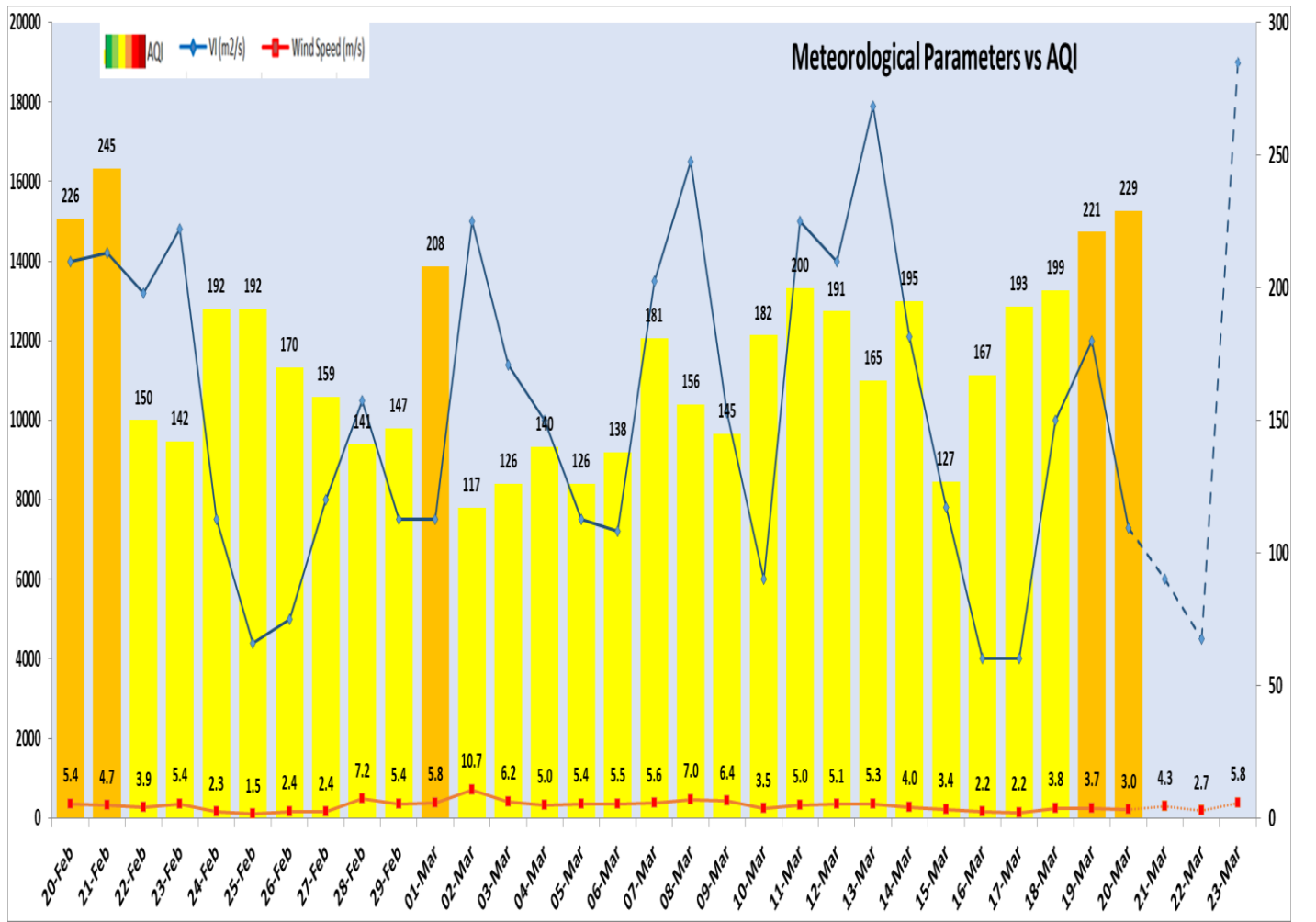
	Mar 21, 2024	Mar 22, 2024	Mar 23, 2024
AQI Category	Poor	Poor	Poor

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
Mar 21. 2024	08-12	00	01	NE/SE	SW
Mar 22. 2024	08-12	02	02	SE/NE	W
Mar 23. 2024	06-14	14	29	VAR	NW

IMD Alert for Tomorrow (21.03.2024):

The air quality is likely to be in Poor category from 21.03.2024 to 23.03.2024. The predominant surface wind is likely to be coming from Northeast/Southeast directions in Delhi with wind speed 08-12 kmph and partly cloudy sky on 21.03.2024. Ventilation index is likely to be 6000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
17-03-2024	11.9	30.3
18-03-2024	12.2	30.8
19-03-2024	12.2	30.6
20-03-2024	13.7	31.3

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Dwarka-Sector 8, Delhi - DPCC	311	Very Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	305	Very Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	298	Poor	PM _{2.5}
	Chandni Chowk, Delhi - IITM	296	Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	292	Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	288	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	242	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	280	Poor	PM ₁₀
	Sector-51, Gurugram - HSPCB	257	Poor	PM _{2.5}
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	234	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	265	Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	224	Poor	PM ₁₀
	Sector-1, Noida - UPPCB	218	Poor	PM ₁₀
	Sector-116, Noida - UPPCB	199	Moderate	PM _{2.5}