



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 21, 2024



Current Air Quality Status:

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

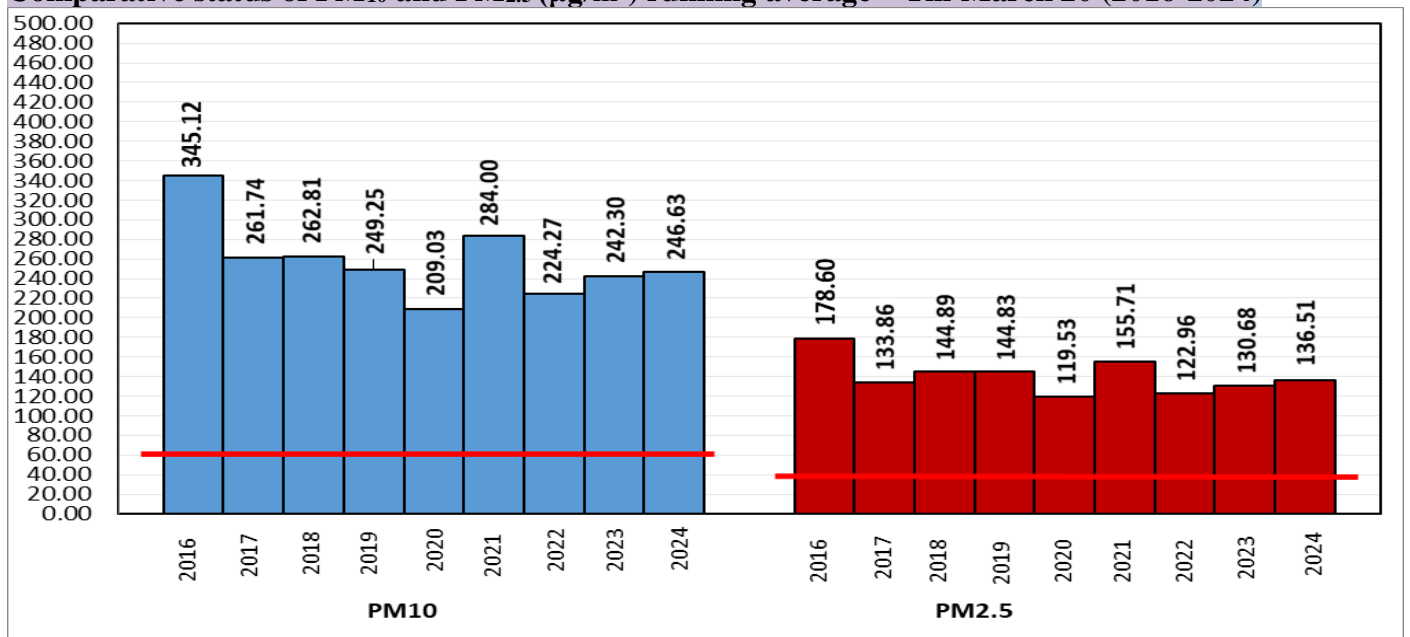
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	170↓	PM10, PM2.5	Satisfactory	75 ↓	O ₃ , PM2.5	Poor	271↑	PM10
Faridabad	Poor	221↑	PM2.5	Moderate	127↑	PM10	Poor	254↑	PM2.5
Ghaziabad	Moderate	125↓	PM10	Satisfactory	63 ↓	NO ₂ , O ₃	Very Poor	342↑	PM10, PM2.5
Greater Noida	Poor	202↓	PM10	Satisfactory	68 ↓	NO ₂ , PM10	Poor	270↑	PM10
Gurugram	Moderate	172↓	PM10, PM2.5	Satisfactory	71 ↓	PM10, PM2.5	Poor	223↓	PM2.5
Noida	Moderate	155↓	PM10	Satisfactory	72 ↓	CO, PM2.5	Poor	274↑	PM10

*Data available for 38(2024), 34(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 21 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	77	80	80	80	81	80	80	80	81	6	13	19	25	29	8	25	26	33
Good (0–50)		0	0	0	0	0	0	0	0	0	6	13	19	25	29	8	25	26	33
Satisfactory (51–100)		0	0	0	1	5	0	3	0	0	6	13	19	25	29	8	25	26	33
Moderate (101–200)		6	13	19	24	24	8	22	26	33	6	13	19	25	29	8	25	26	33
Poor (201–300)		24	43	37	27	35	34	37	31	14	6	13	19	25	29	8	25	26	33
Very Poor (301–400)		41	24	21	21	15	32	17	20	31	71	67	61	55	52	72	55	54	48
Severe (>401)		6	0	3	7	2	6	1	3	3	71	67	61	55	52	72	55	54	48

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till March 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 20.03.24 to 06:00 am of 21.03.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- March -2024	97↓	224↓

Hotspots for Today:

*Details given below

Delhi	Chandni Chowk, Shadipur, Dwarka-Sector 8, NSIT Dwarka, Jahangirpuri	Ghaziabad	Indirapuram, Loni
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, Teri Gram	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):

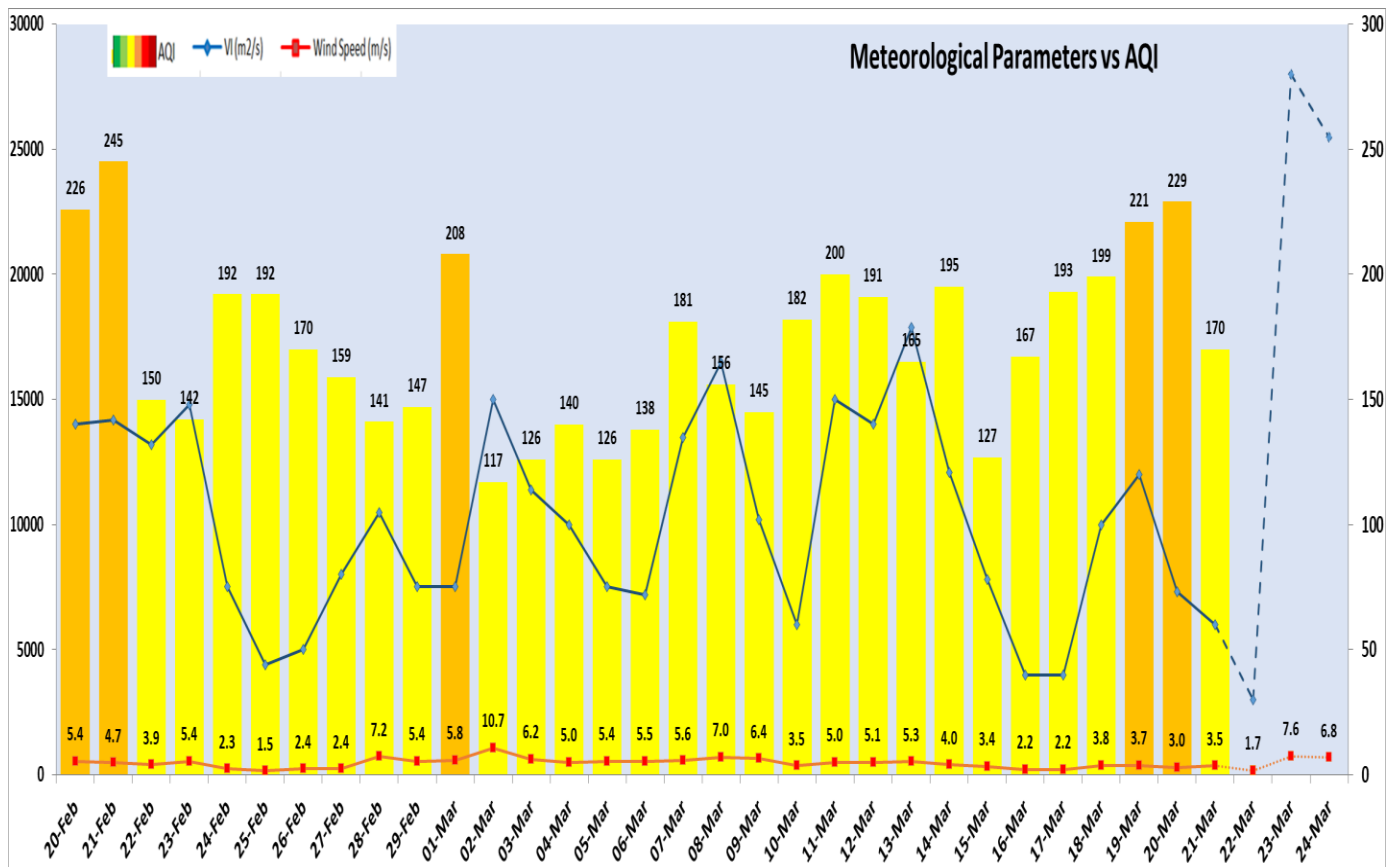
	Mar 22, 2024	Mar 23, 2024	Mar 24, 2024
AQI Category	Poor	Poor	Moderate

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
Mar 22. 2024	08-12	03	01	E/NE	E
Mar 23. 2024	08-12	15	31	NE/NW	NW
Mar 24. 2024	08-20	07	14	NW/NNW	NW

IMD Alert for Tomorrow (22.03.2024):

The air quality is likely to be in Poor category from 22.03.2024 to 23.03.2024 and in Moderate category on 24.03.2024. The predominant surface wind is likely to be coming from East/Northeast directions in Delhi with wind speed 12-08 kmph and mainly clear sky on 22.03.2024. Ventilation index is likely to be 3000 m²/s.



Delhi Temperature in (°C)

Date	Minimum	Maximum
18-03-2024	12.2	30.8
19-03-2024	12.2	30.6
20-03-2024	13.7	31.3
21-03-2024	16.4	33.6

Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Chandni Chowk, Delhi - IITM	272	Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	255	Poor	PM ₁₀
	Dwarka-Sector 8, Delhi - DPCC	232	Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	224	Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	210	Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	269	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	231	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	210	Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	192	Moderate	PM ₁₀
Ghaziabad	Indrapuram, Ghaziabad - UPPCB	142	Moderate	PM ₁₀
	Loni, Ghaziabad - UPPCB	130	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	215	Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	165	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	159	Moderate	PM ₁₀