



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 11, 2024



Current Air Quality Status:

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

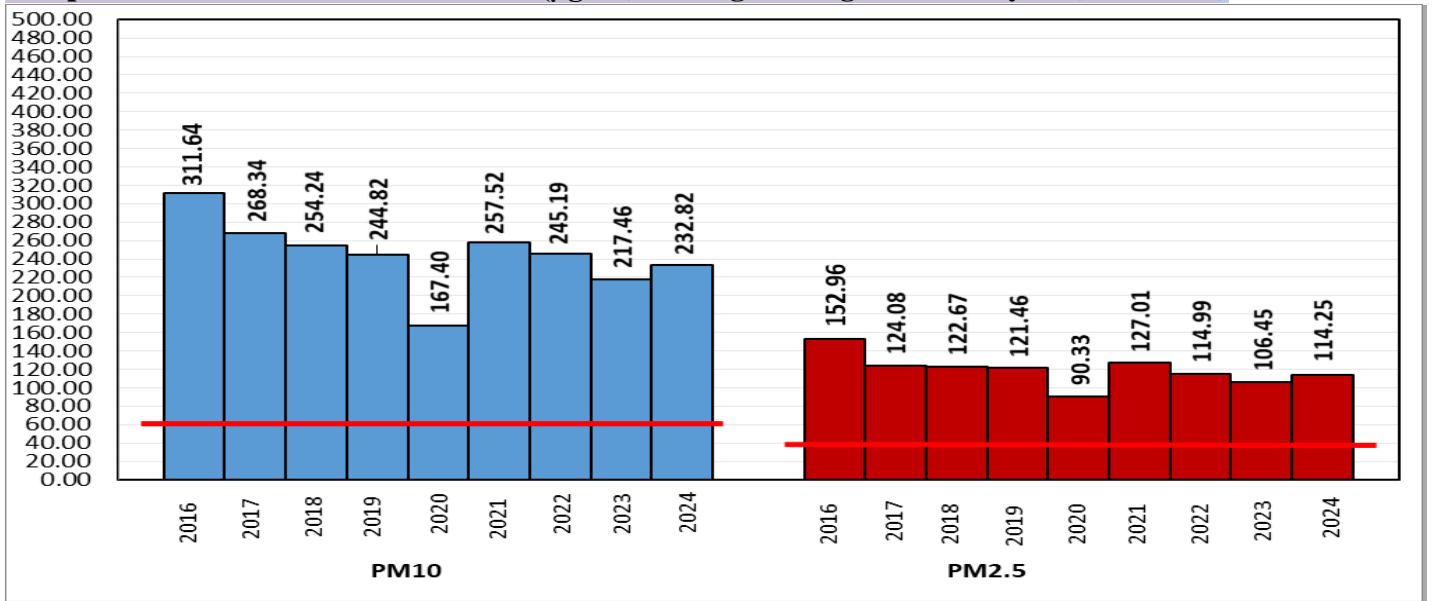
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	239↑	PM ₁₀ , PM _{2.5}	Poor	274↑	PM ₁₀ , PM _{2.5}	Moderate	156↓	PM _{2.5} , O ₃
Faridabad	Poor	261↓	PM _{2.5}	Moderate	151↑	PM ₁₀	Moderate	140↓	PM _{2.5} , PM ₁₀
Ghaziabad	Moderate	166↑	PM ₁₀	Poor	262↑	PM ₁₀	Moderate	176↓	PM ₁₀ , O ₃
Greater Noida	Poor	236↑	O ₃	Poor	277↑	PM ₁₀	Moderate	157↑	PM ₁₀ , O ₃
Gurugram	Poor	234↑	PM ₁₀ , PM _{2.5}	Poor	260↑	PM _{2.5}	Moderate	112↓	PM _{2.5} , PM ₁₀
Noida	Poor	207↑	PM ₁₀	Poor	270↑	PM ₁₀	Moderate	147↑	PM ₁₀

*Data available for 26(2024), 39(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 11 May 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	128	131	131	131	132	131	131	131	132	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	27	0	3	5	0	10	30	38	48	80	40	31	60	68	
Moderate (101-200)		10	30	37	46	52	40	28	55	68										
Poor (201-300)		64	69	64	53	35	52	81	48	29										
Very Poor (301-400)		48	32	26	23	15	33	18	20	32	118	101	93	83	52	91	100	71	64	
Severe (>401)		6	0	3	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till May 10 (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 10.05.24 to 06:00 am of 11.05.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
10- May -2024	76↑	220↑

Hotspots for Today: *Details given below

Delhi	Shadipur, Wazirpur, DTU, Dwarka-Sector 8, Ashok Vihar,	Ghaziabad	Loni, Indirapuram
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector-1, Sector-62

Forecast by IITM(Delhi):

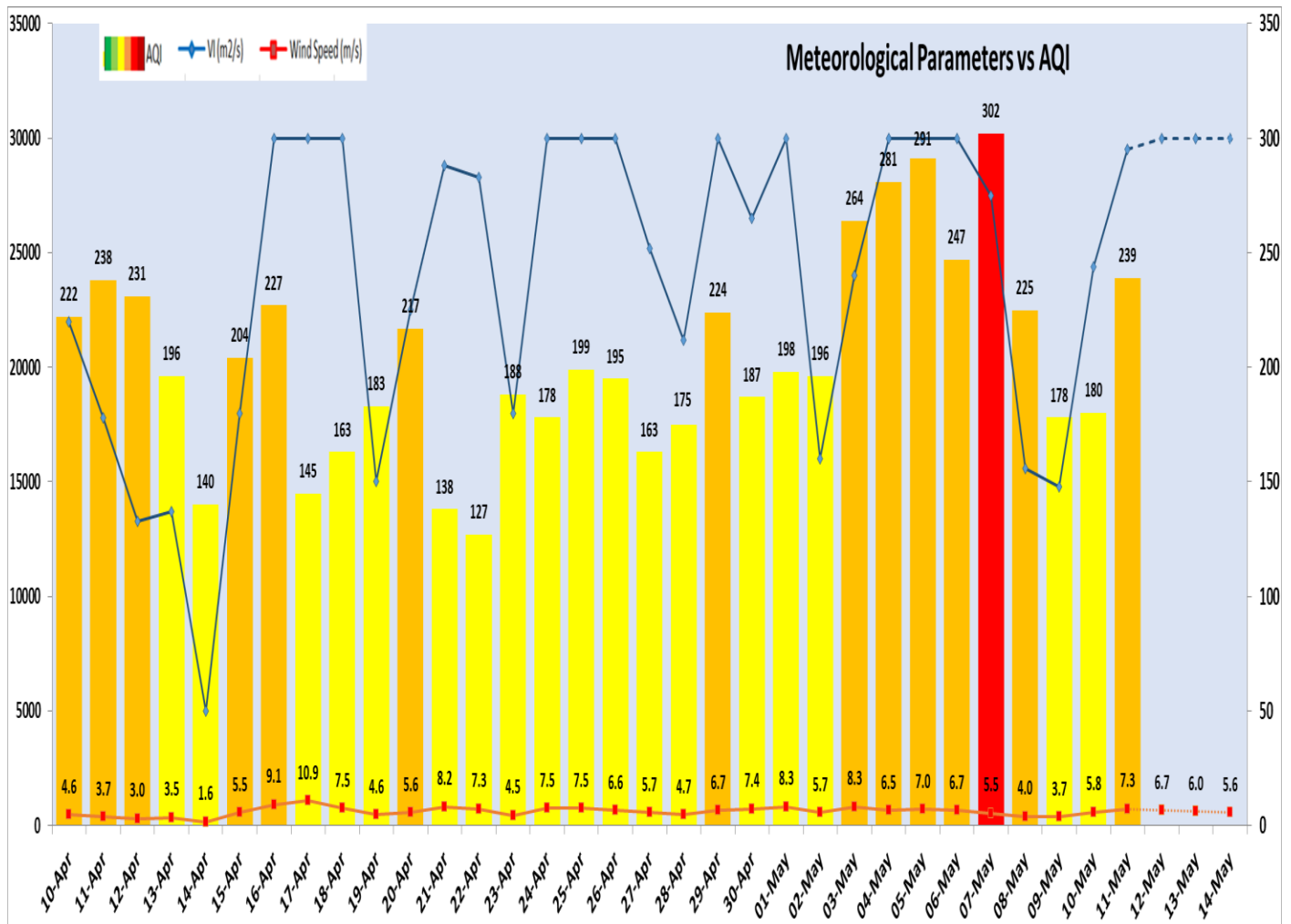
	May 12, 2024	May 13, 2024	May 14, 2024
AQI Category	Moderate	Moderate	Moderate

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
May 12. 2024	12 TO 16	21	32	VAR	NW
May 13. 2024	12 TO 20	18	29	WNW	NW
May 14. 2024	08 TO 16	18	29	NW	NW

IMD Alert for Tomorrow (12.05.2024):

The air quality is likely to be in Moderate category from 12.05.2024 to 14.05.2024. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 12-16 kmph, generally cloudy sky and very light rain/thunderstorm accompanied with gusty winds (speed 30-40 kmph) on 12.05.2024. Ventilation index is likely to be more than 30000 m²/s.



Delhi Temperature in (°C)

Date	Minimum	Maximum
08-05-2024	27.5	42.0
09-05-2024	26.0	38.2
10-05-2024	27.7	38.8
11-05-2024	24.9	39.0

Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	316	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	303	Very Poor	PM ₁₀
	DTU, Delhi - CPCB	300	Poor	PM ₁₀
	Dwarka-Sector 8, Delhi - DPCC	293	Poor	PM ₁₀
	Ashok Vihar, Delhi - DPCC	286	Poor	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	261	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	257	Poor	PM ₁₀
Ghaziabad	Loni, Ghaziabad - UPPCB	209	Poor	PM ₁₀
	Indirapuram, Ghaziabad - UPPCB	198	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	264	Poor	Ozone
Noida	Sector-1, Noida - UPPCB	227	Poor	PM ₁₀
	Sector - 62, Noida - IMD	211	Poor	PM ₁₀