



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 17, 2024



Current Air Quality Status:

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

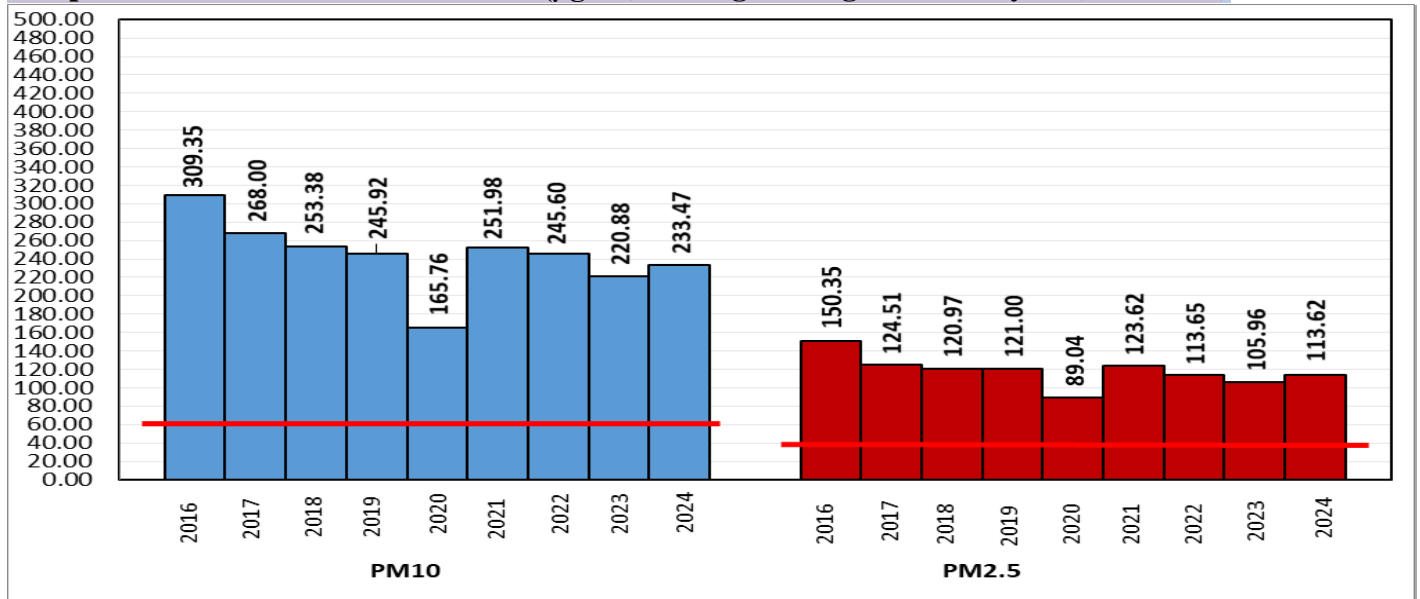
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	231↓	PM ₁₀ , PM _{2.5}	Very Poor	336↑	PM ₁₀ , PM _{2.5}	Poor	239↓	PM _{2.5} , PM ₁₀
Faridabad	Poor	256↑	PM ₁₀ , PM _{2.5}	Moderate	148↓	PM ₁₀	Poor	209↓	PM ₁₀
Ghaziabad	Poor	215↑	PM ₁₀ , PM _{2.5}	Very Poor	317↑	PM ₁₀	Poor	226↓	PM ₁₀
Greater Noida	Very Poor	321↑	PM ₁₀	Very Poor	339↑	PM ₁₀	Poor	248↓	PM ₁₀
Gurugram	Poor	250↑	PM _{2.5}	Poor	280↑	PM _{2.5}	Poor	247↓	PM _{2.5} , PM ₁₀
Noida	Poor	296↑	PM ₁₀	Very Poor	324↑	PM ₁₀ , PM _{2.5}	Poor	264↓	PM ₁₀ , O ₃

*Data available for 39(2024), 37(2023), 33(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 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	134	137	137	137	138	137	137	137	138										
Good (0-50)		0	0	0	0	1	0	0	0	0										
Satisfactory (51-100)		0	0	1	2	27	0	3	5	0	12	31	40	49	86	46	33	61	69	
Moderate (101-200)		12	31	39	47	58	46	30	56	69										
Poor (201-300)		67	71	67	55	35	52	85	52	34										
Very Poor (301-400)		49	35	27	26	15	33	18	21	32	122	106	97	88	52	91	104	76	69	
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 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 16.05.24 to 06:00 am of 17.05.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
16- May -2024	103↓	265↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Shadipur, NSIT Dwarka, Bawana, Narela	Ghaziabad	Indrapuram, Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector 30, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram	Noida	Sector - 125, Sector-1

Forecast by IITM(Delhi):

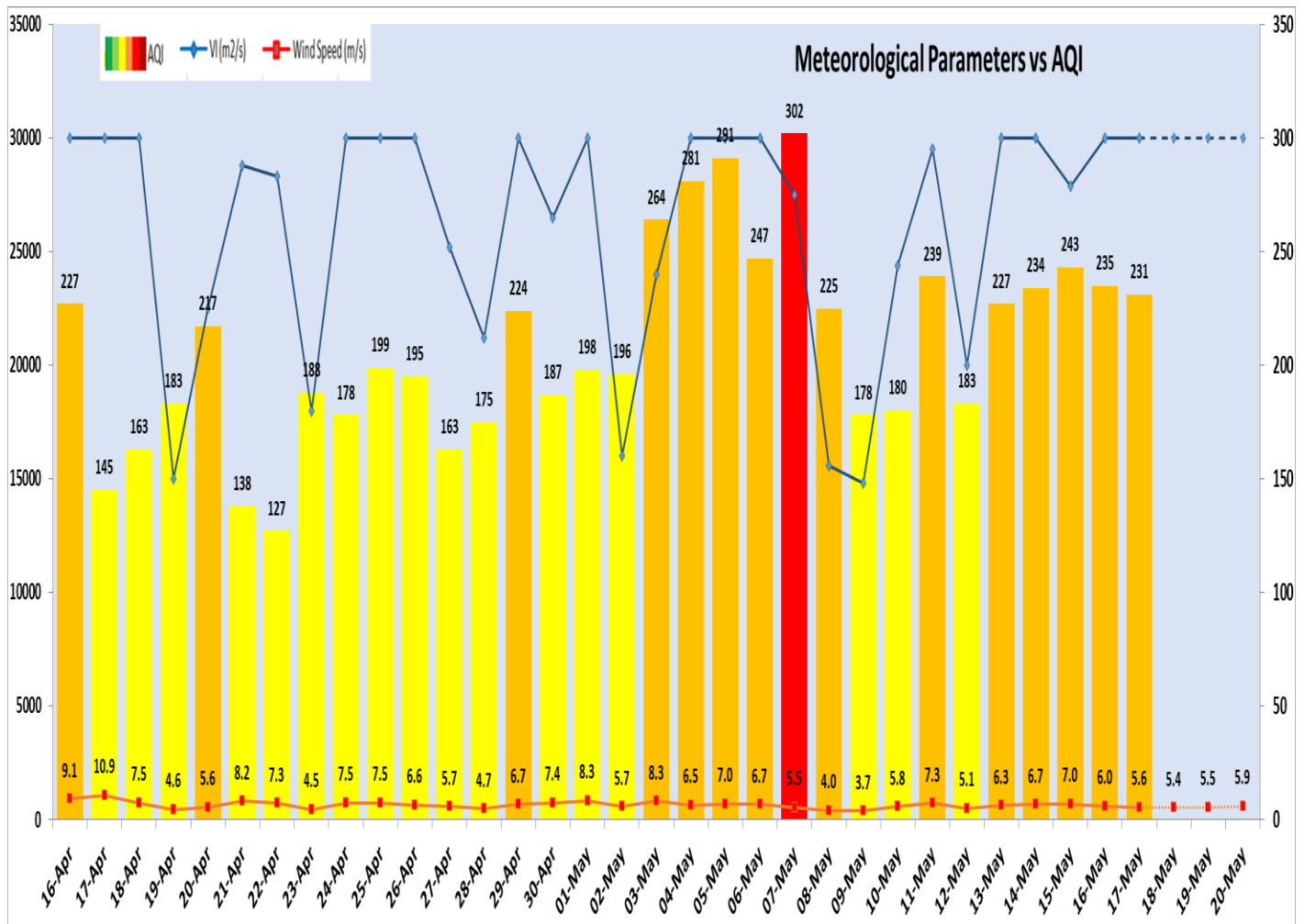
	May 18, 2024	May 19, 2024	May 20, 2024
AQI Category	Moderate	Moderate	Moderate

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
May 18. 2024	14-20	18	31	NW	NW
May 19. 2024	10-24	25	39	NW	NW
May 20. 2024	12-22	19	31	NW/W	NW

IMD Alert for Tomorrow (18.05.2024):

The air quality is likely to be in Moderate category from 18.05.2024 to 20.05.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 14-20 kmph, mainly clear sky on with strong surface winds (speed 25-35 kmph) during the day and heat wave conditions at isolated places on 18.05.2024. Ventilation index is likely to be more than 30000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
14-05-2024	23.9	40.2
15-05-2024	22.9	40.6
16-05-2024	24.8	41.2
17-05-2024	25.4	42.5

▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	358	Very Poor	PM ₁₀
	Shadipur, Delhi - CPCB	316	Very Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	307	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	288	Poor	PM ₁₀
	Narela, Delhi - DPCC	287	Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	289	Poor	PM ₁₀
	Sector 30, Faridabad - HSPCB	285	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	263	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	335	Very Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	264	Poor	PM ₁₀
	Loni, Ghaziabad - UPPCB	233	Poor	PM ₁₀
	Sanjay Nagar, Ghaziabad - UPPCB	217	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	350	Very Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	361	Very Poor	PM ₁₀
	Sector-1, Noida - UPPCB	323	Very Poor	PM ₁₀