



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – February 15, 2024



Current Air Quality Status:

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

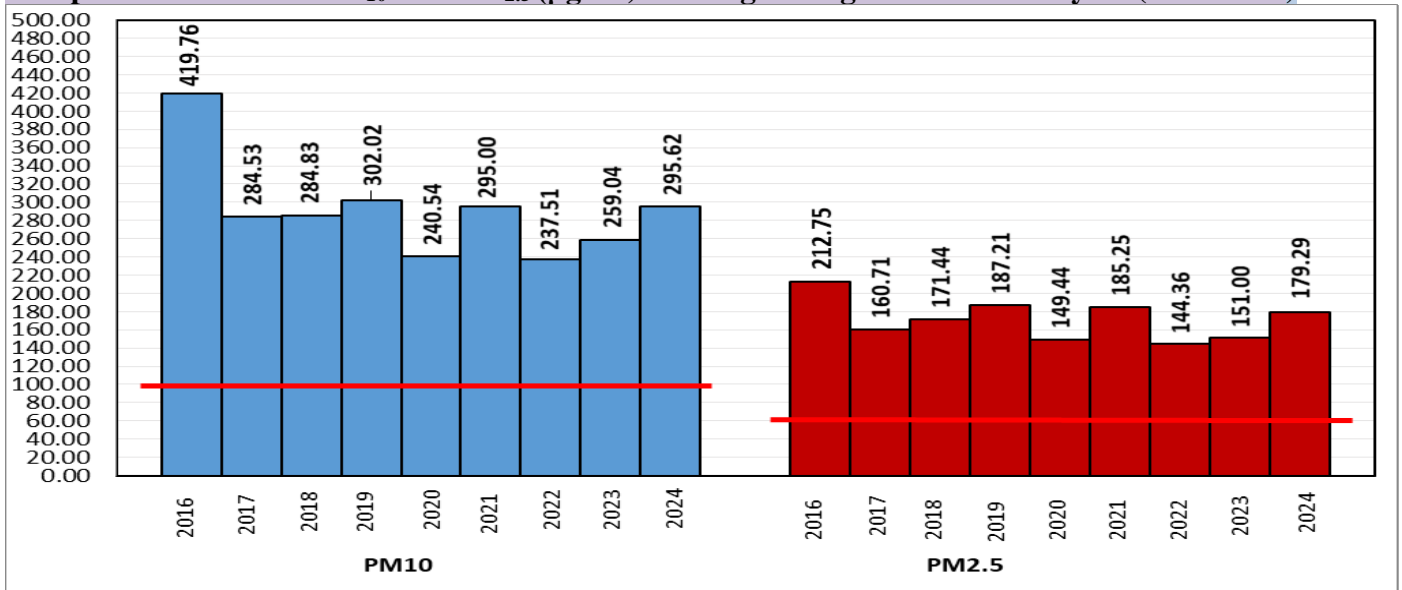
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	279↓	PM2.5	Moderate	190↑	PM2.5	Poor	221↓	PM10, PM2.5
Faridabad	Poor	207↓	PM2.5	Moderate	148↓	PM10, PM2.5	Very Poor	326↑	PM10
Ghaziabad	Poor	217↓	PM2.5	Moderate	151↑	PM10	Poor	264↓	PM10
Greater Noida	Very Poor	310↓	PM2.5	Moderate	155↑	PM10, NO ₂	Moderate	192↓	PM10
Gurugram	Poor	204↓	PM2.5	Moderate	178↑	PM10, PM2.5	Moderate	192↓	PM10, PM2.5
Noida	Poor	260↓	PM2.5	Moderate	158↑	PM2.5	Poor	202↓	PM10, PM2.5

*Data available for 34(2024), 39(2023), 37(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 15 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	46	46	46	46	46	46	46	46	46	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	0	3	4	5	5	4	9	11	7	
Moderate (101-200)		0	3	4	5	5	4	7	11	7										
Poor (201-300)		8	19	18	13	24	10	20	17	5										
Very Poor (301-400)		32	24	21	21	15	26	16	15	31	46	43	42	41	41	42	37	35	39	
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 14 (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 14.02.24 to 06:00 am of 15.02.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
14- February -2024	148↓	259↓

Hotspots for Today: *Details given below

Delhi	Jahangirpuri, Wazirpur, Nehru Nagar, Mundka, Punjabi Bagh	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - III
Gurugram	Sector-51	Noida	Sector-1, Sector-116

Forecast by IITM(Delhi):

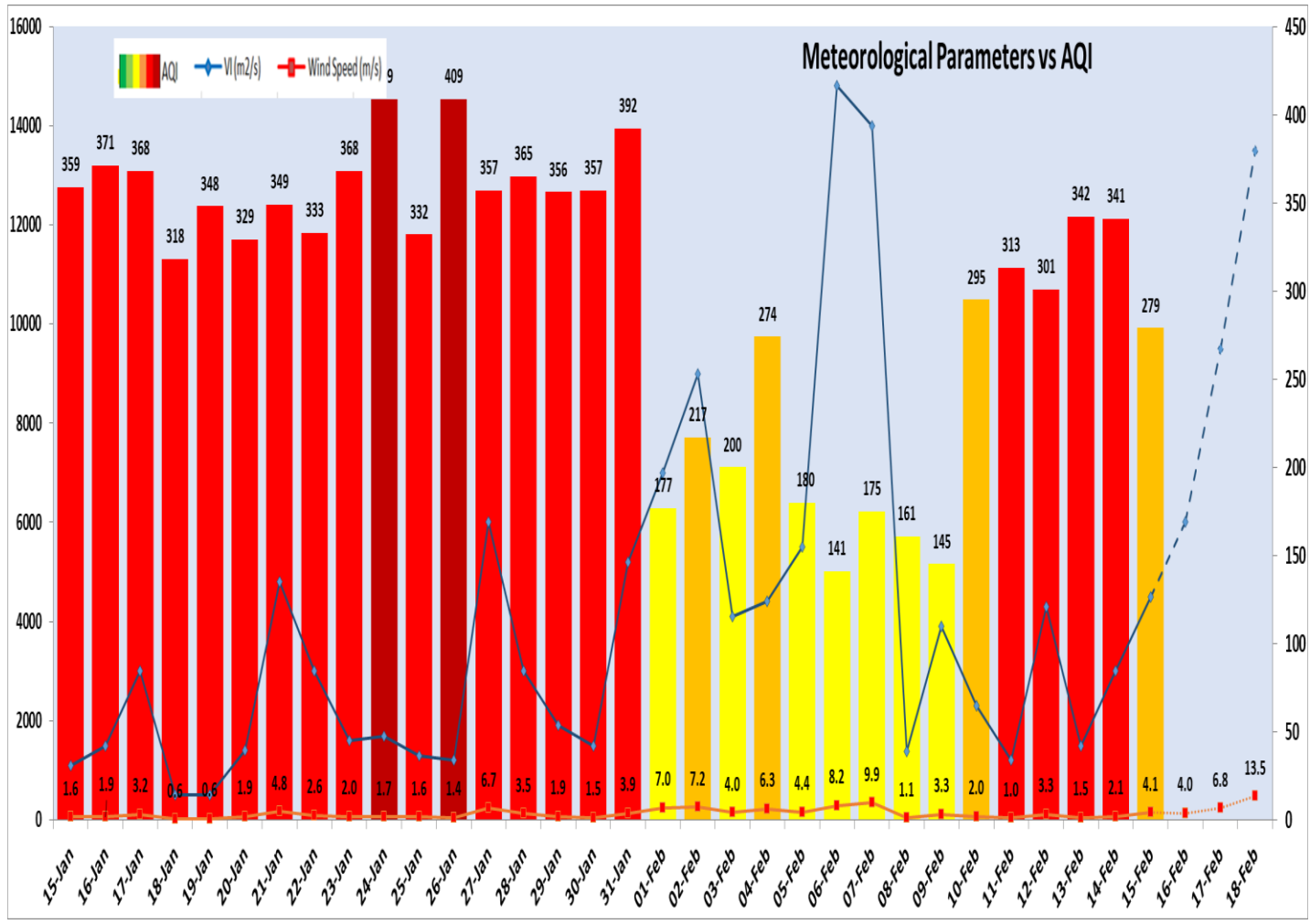
	Feb 16, 2024	Feb 17, 2024	Feb 18, 2024
AQI Category	Poor	Poor	Poor

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 16. 2024	04-12	07	20	VAR	NW
Feb 17. 2024	04-12	08	29	VAR	NW
Feb 18. 2024	04-16	09	16	NE/SE	SE

IMD Alert for Tomorrow (16.02.2024):

The air quality is likely to be in Poor category from 16.02.2024 to 18.02.2024. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 04-12 kmph, mainly clear sky and shallow to Moderate fog in the morning on 16.02.2024. Ventilation index is likely to be 6000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
12-02-2024	7.3	24.6
13-02-2024	8.3	23.7
14-02-2024	9.6	22.8
15-02-2024	8.8	25.0

▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	336	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	327	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	325	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	324	Very Poor	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	324	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	290	Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	282	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	296	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	243	Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	242	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	326	Very Poor	PM _{2.5}
Noida	Sector-1, Noida - UPPCB	306	Very Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	289	Poor	PM _{2.5}