

## Respirer Reports' Air Quality Analysis as of 10 am on 4.11.2023

### Most polluted places in Delhi-NCR

**Highest PM 2.5 reading in past 24 hours crosses 800 micrograms/cubic metre, 53 times the safe, daily average.**

Delhi's AQI was in the 'severe' category for the third consecutive day today, i.e., it was above the 400 mark, according to the Central Pollution Control Board.

But as far the maximum PM 2.5 levels were concerned, Delhi was outdone by cities in Uttar Pradesh and Haryana, the analysis by Respirer Reports shows.

The highest PM 2.5 reading in the last 24 hours – 806 micrograms/cubic metre – was at the reference grade monitor at Loni in Ghaziabad, UP. The daily average at this station was 470.6.

At the monitor at Sector 51 in Gurugram, Haryana, the highest reading was 731.2, followed by a monitor at Knowledge Park – V in Greater Noida, UP, where it was 604.3. (The daily averages at these locations were 427.4 and 454.7, respectively.)

The daily average PM 2.5 levels dipped in the national capital – from above the 500 mark yesterday to below 350 today – but Shadipur in Delhi Central, Dr. Karni Singh Shooting Range in South Delhi, and Wazirpur and Bawana in North West Delhi still recorded 'severe' PM 2.5 levels that were above 250 micrograms/cubic metre.

(See the table below.)

### **PM 2.5 in Delhi-NCR's Top 10 Places in the 'Severe' Category**

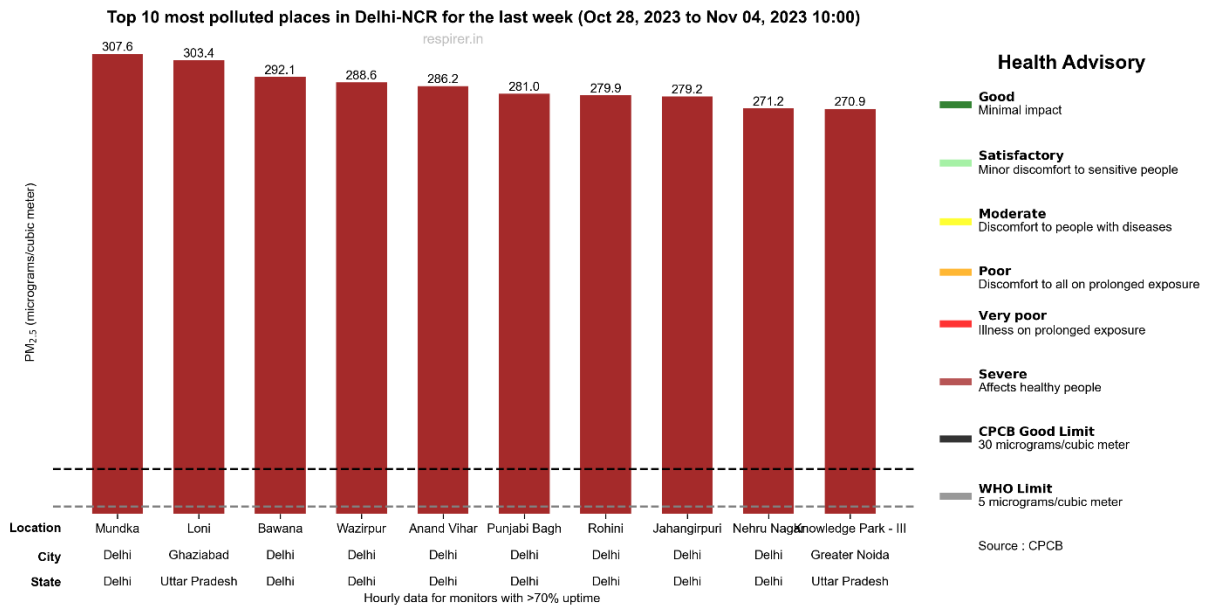
Location	City	State	PM 2.5 (Average)	PM 2.5 (Max)
Loni, Ghaziabad	Ghaziabad	Uttar Pradesh	470.6	806.0
Knowledge Park - V, Greater Noida	Greater Noida	Uttar Pradesh	454.7	604.3
Sector-51, Gurugram	Gurugram	Haryana	427.4	731.2
Police Lines, Jind	Jind	Haryana	386.5	555.6
Sector- 16A, Faridabad	Faridabad	Haryana	376.4	456.3
Shadipur, Delhi	Delhi	Delhi	348.8	493.8
Dr. Karni Singh Shooting Range, Delhi	Delhi	Delhi	344.4	492.8
Wazirpur, Delhi	Delhi	Delhi	344.3	549.0
Bawana, Delhi	Delhi	Delhi	340.0	555.0
Punjabi Bagh, Delhi	Delhi	Delhi	330.4	509.5

### **Seven-day averages for PM 2.5**

But seven-day averages for PM 2.5 put Delhi's Mundka back in the limelight. For the second day in a row, Mundka in West Delhi, which had recorded a daily

average PM 2.5 of 516.2 micrograms/cubic metre yesterday, was the most polluted place in Delhi-NCR for the past week. Its daily average PM 2.5 was 307.6 in the last 24 hours.

[See **Top 10 most polluted places in Delhi-NCR for the last week (Oct 28, 2023 to Nov 04, 2023 10:00)** below.]

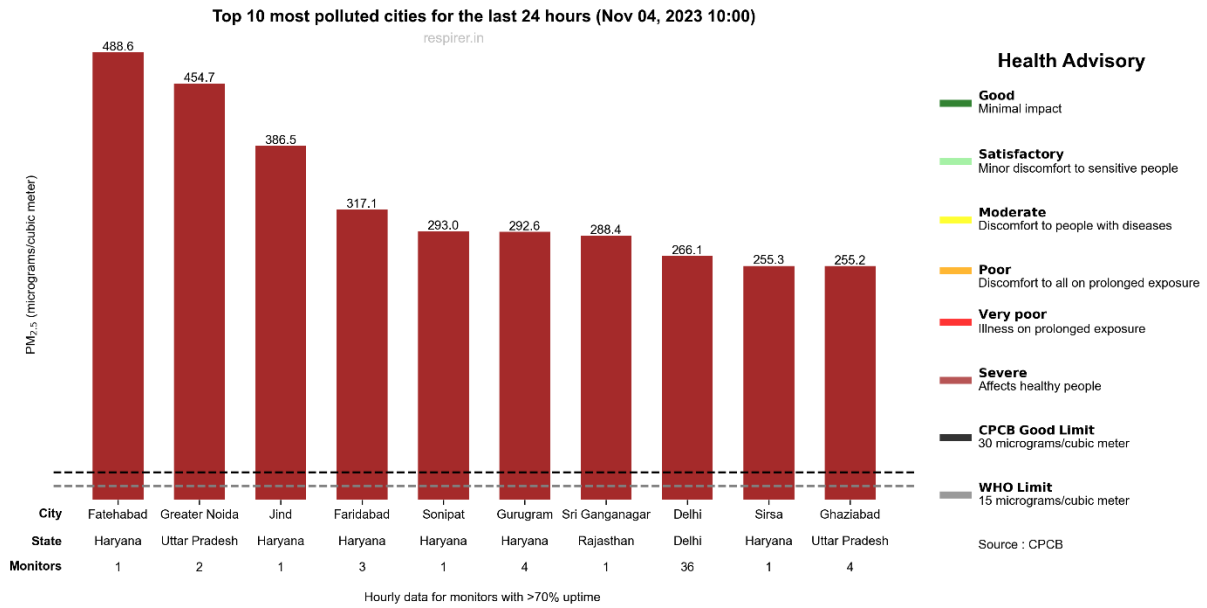


## **Most polluted cities across India**

Fatehabad in Haryana replaced UP's Greater Noida as the most polluted city in the last 24 hours. Greater Noida slipped to second place and Jind, Haryana, climbed up to third place as compared to a day earlier.

Delhi, which was the second most polluted city yesterday, moved down the list to eighth place. Note: Delhi has 36 active reference grade monitors, more than all the cities in this list.

[See **Top 10 most polluted cities for the last 24 hours (Nov 04, 2023 10:00)** below.]

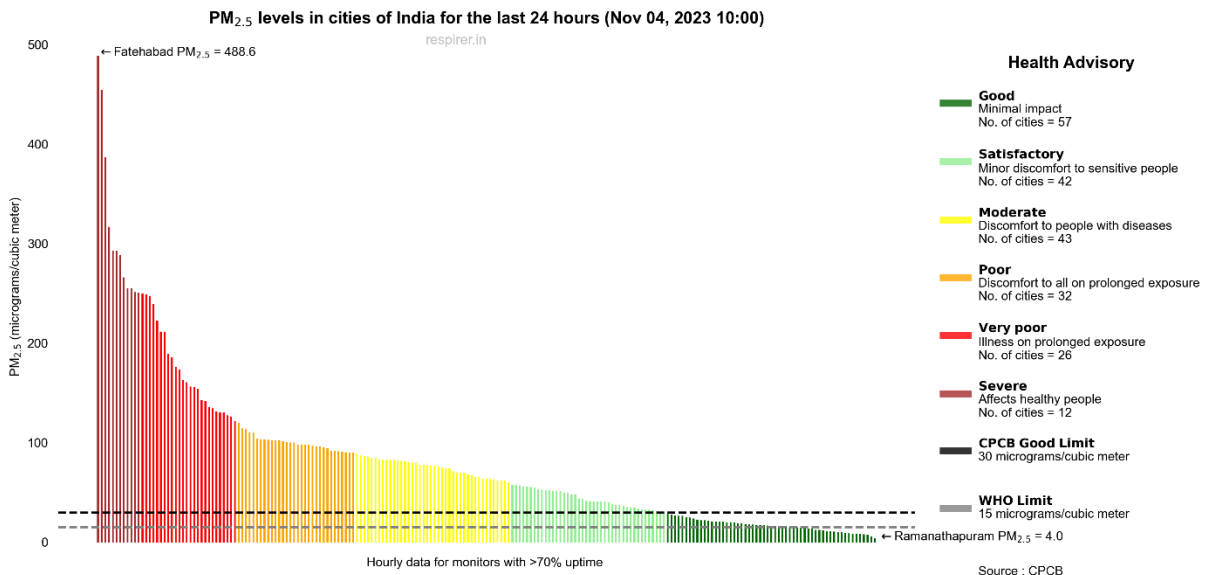


## India AQ Snapshot

Fatehabad in Harayana, which was the tenth most polluted city in India yesterday, jumped up to first place today.

Ramanathapuram, Tamil Nadu, India's third least polluted city yesterday, came in first today, replacing Mizoram's Aizwal.

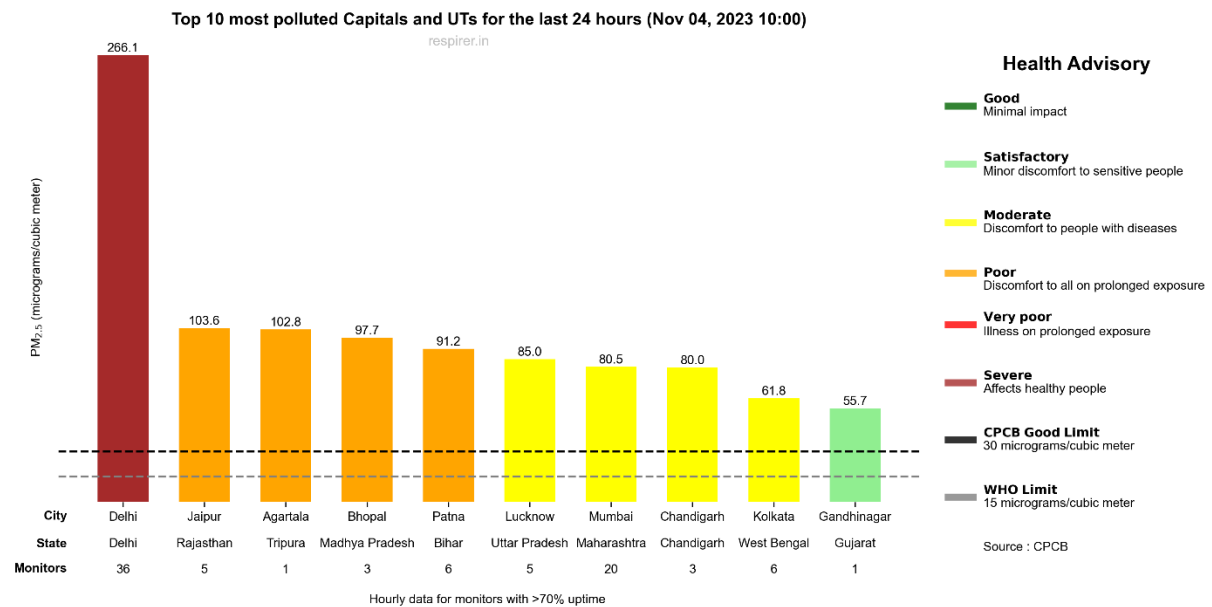
[See PM 2.5 levels in cities of India for the last 24 hours (Nov 04, 2023 10:00) below.]



## AQ in Capitals & UTs

Among the state capitals, Delhi was in the ‘severe’ category yesterday, while two more (Bhopal and Agartala) were in the ‘poor’ category, i.e., their PM 2.5 levels were higher than 120 micrograms/cubic metre. Today, an additional two capitals (Jaipur and Patna) moved into the ‘poor’ category.

[See **Top 10 polluted Capitals and UTs for the last 24 hours (Nov 4, 2023 10:00)** below.]



## Mumbai's Air Pollution

AQ in Mumbai deteriorated as eight places were in the ‘poor’ category in the last 24 hours, that is, they recorded PM 2.5 levels higher than 120 micrograms/cubic metre.

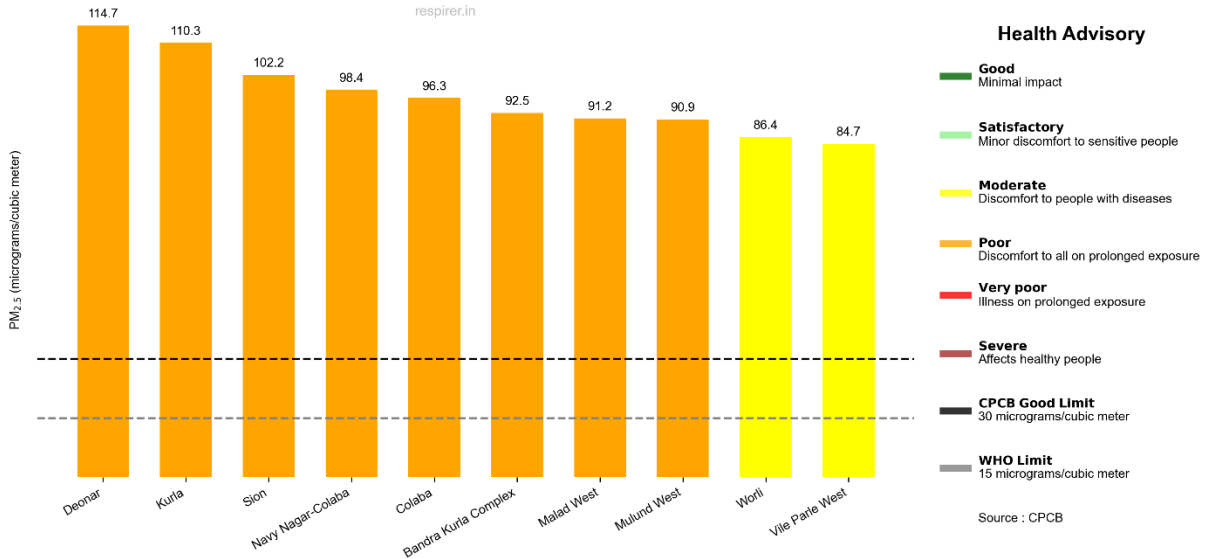
They were, in descending order, Deonar, Kurla, Sion, Navy Nagar-Colaba, Colaba, Bandra Kurla Complex, Malad West and Mulund West.

Yesterday, only five places had recorded ‘poor’ PM 2.5 levels.

Seven-day averages also reflected this AQ deterioration: three places were in the ‘poor’ category today as compared to only one yesterday.

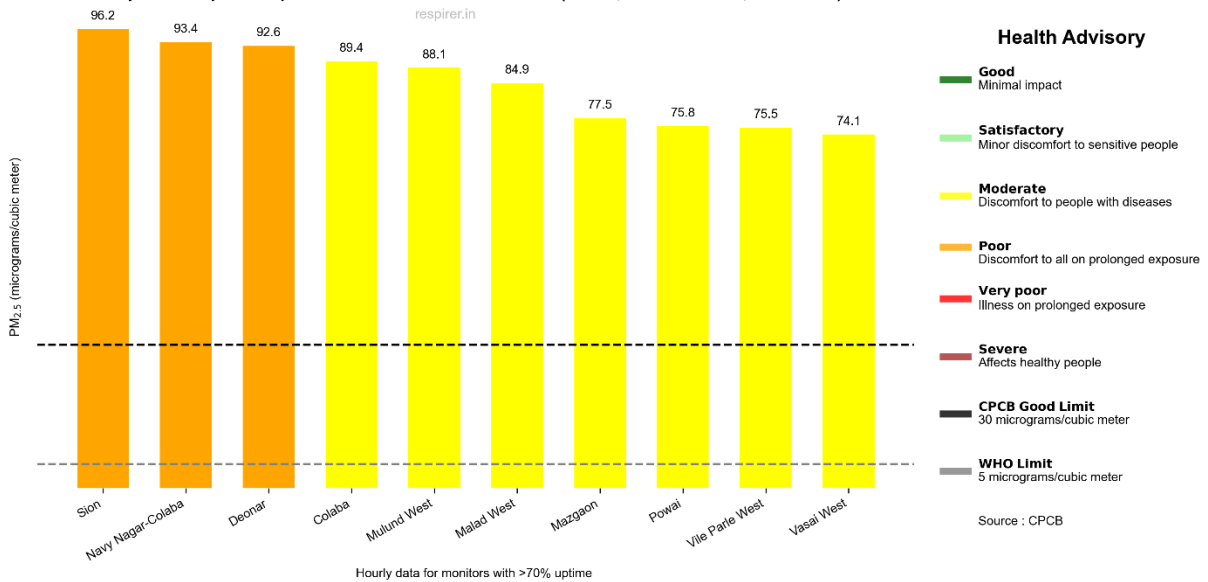
[See **Top 10 polluted places in Mumbai for the last 24 hours (Nov 4, 2023 10:00)** and **Top 10 polluted places in Mumbai for the last week (Oct 28, 2023 to Nov 4, 2023 10:00)** below.]

Top 10 most polluted places in Mumbai for the last 24 hours (Nov 04, 2023 10:00)



Hourly data for monitors with >70% uptime

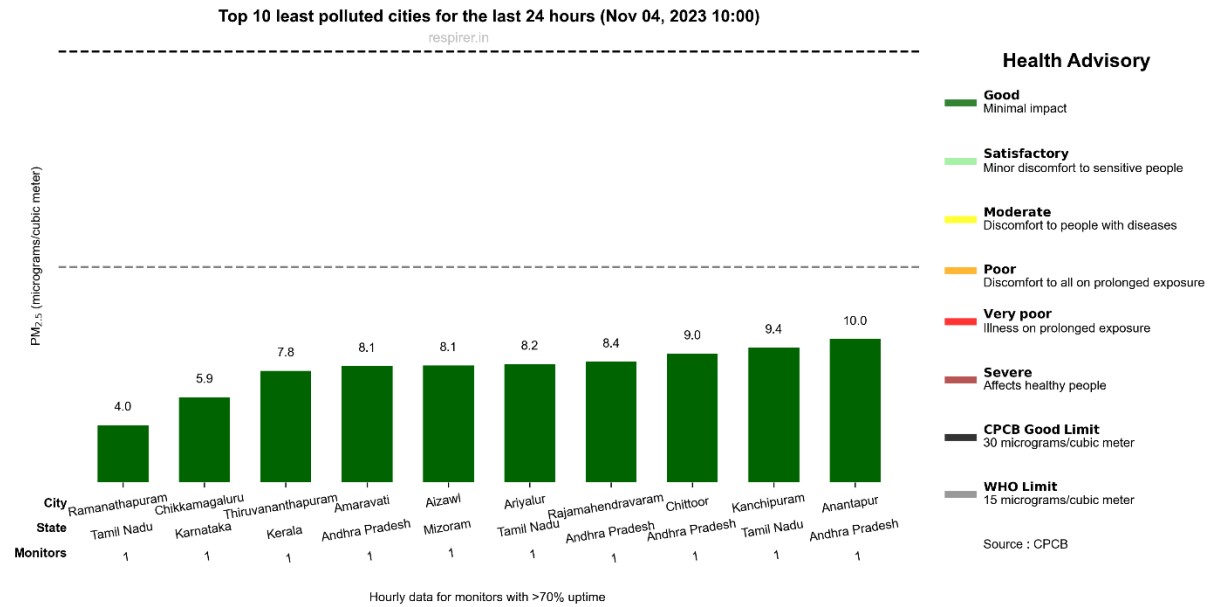
Top 10 most polluted places in Mumbai for the last week (Oct 28, 2023 to Nov 04, 2023 10:00)



Hourly data for monitors with >70% uptime

## Other charts:

### Top 10 least polluted cities for the last 24 hours (Nov 04, 2023 10:00)



### Top 10 least polluted cities for the last week (Oct 28, 2023 to Nov 04, 2023 10:00)

