

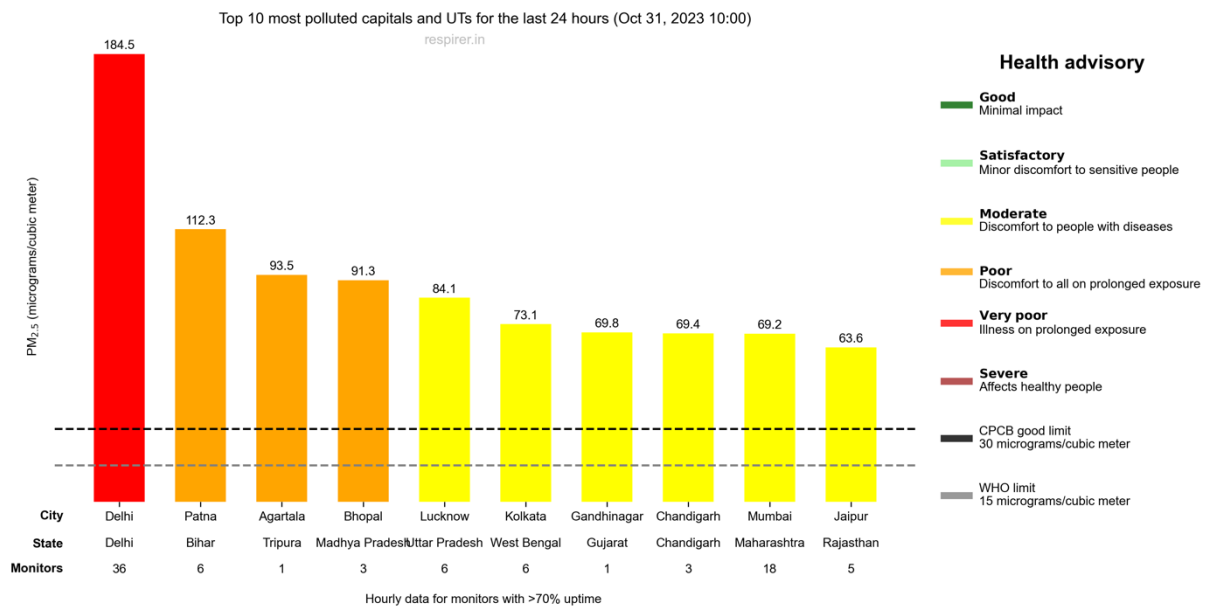
Respirer Reports' Air Quality Analysis as of 6 am on 31.10.2023

Air pollution in northern India continued to rise in several places.

Headline takeaways

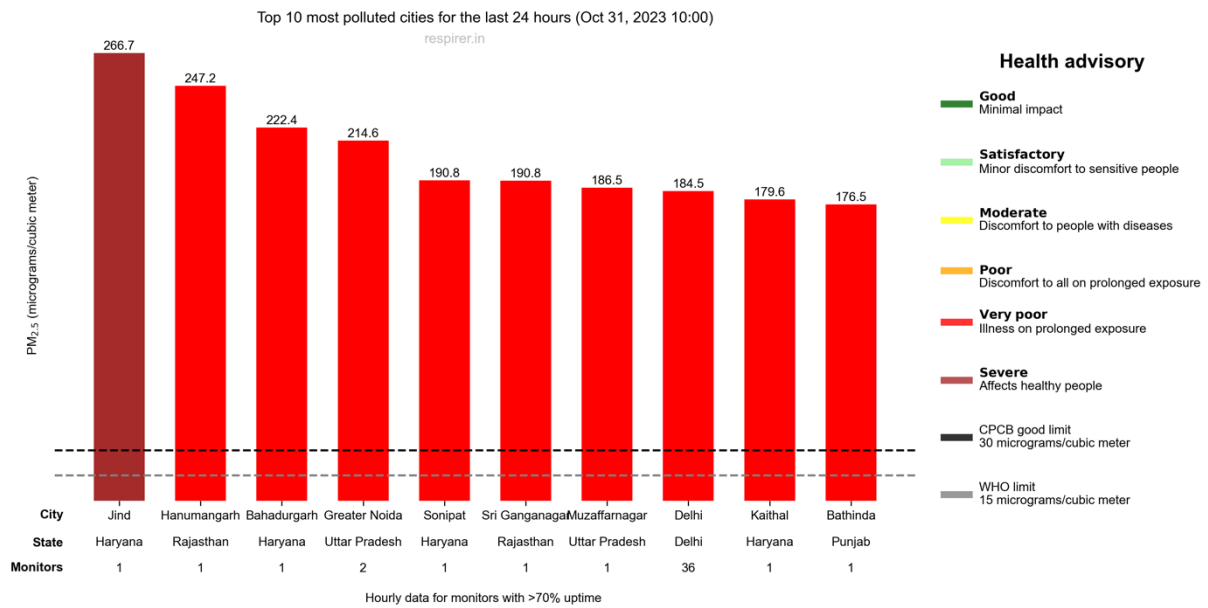
Most polluted state capitals and UTs for the last 24 hours

- Delhi, in the 'very poor' category, tops the list.
 - There is no capital in the 'green' or 'satisfactory' category, unlike a day earlier.
 - The capitals in this list are spread out over a large geographical area, from Gandhinagar in the western border state of Gujarat to Agartala in the eastern border state of Tripura.
 - In a significant 24-hour change, there are now three capitals – Patna, Agartala and Bhopal – in the 'poor' category, whereas there was only one – Lucknow – a day ago.
 - Mumbai's air quality has deteriorated to 'moderate' from 'satisfactory'.
- (More details below.)



Most Polluted Cities All-India for the last 24 hours

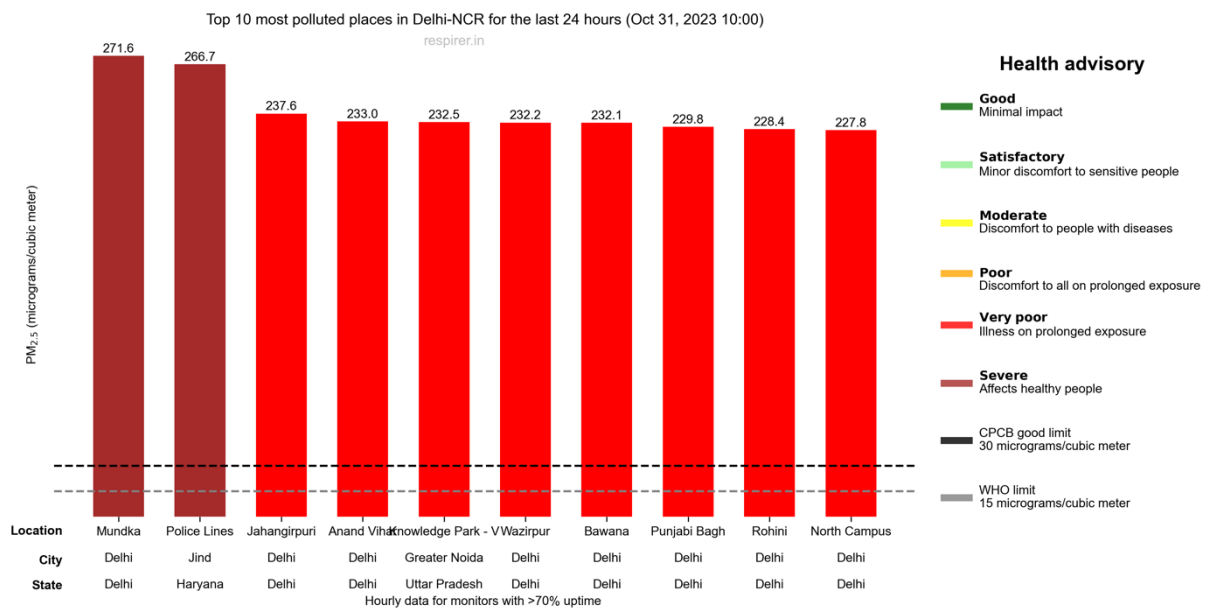
- The most polluted city in India remains Jind, Haryana, with its PM 2.5 level rising by over 10 per cent in the last 24 hours. It remains in the highest pollution category of 'severe'.
- Jind's PM 2.5 level has remained above 260 micrograms/cubic metre for two consecutive days, while the WHO's safe guideline for 24 hours is 15 micrograms/cubic metre.
- The top four cities are spread over three states – Haryana, Rajasthan and UP – exemplifying the concept of an airshed, which is used in air pollution analysis and knows no political boundaries.
- Delhi's air pollution inched up to 184.5 micrograms/cubic metre up from 182.8 on Monday.



Most polluted places in Delhi-NCR

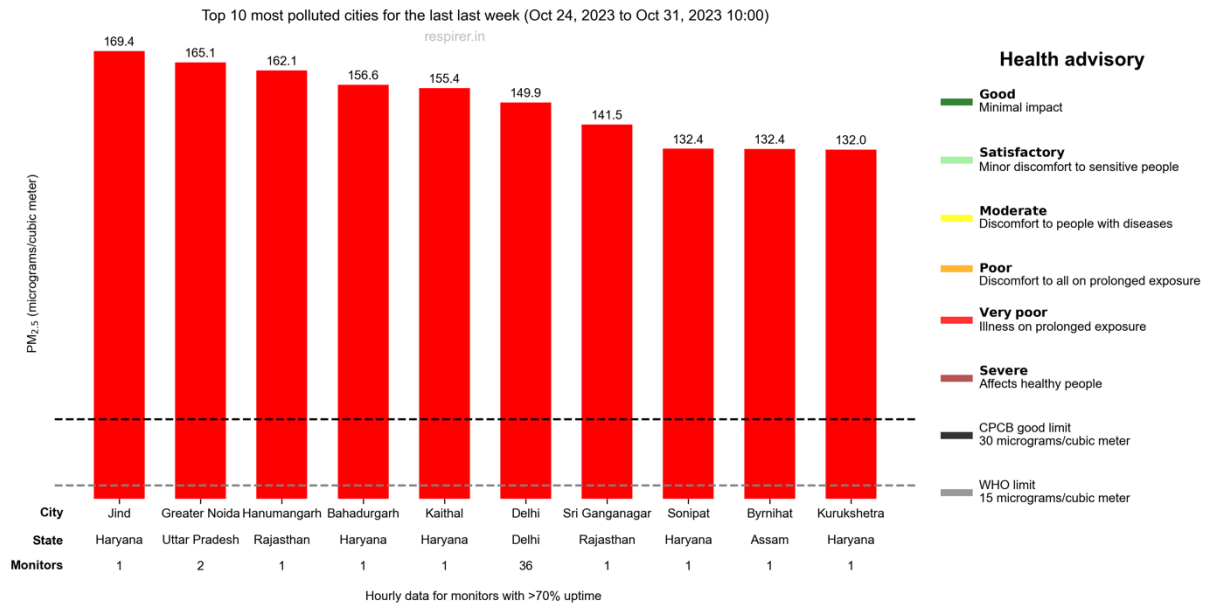
West Delhi’s Mundka was the most polluted place in India, with PM 2.5 at 271.6 micrograms/cubic metre – that’s nine times the national ‘good’ limit and 18 times the WHO safe limit for one day. (‘Place’ refers to each location where there is a reference-grade air quality monitor.) Delhi has about 40 reference-grade monitors.

The top 10 most polluted places in the region all reported PM 2.5 above 225 micrograms/cubic metre.



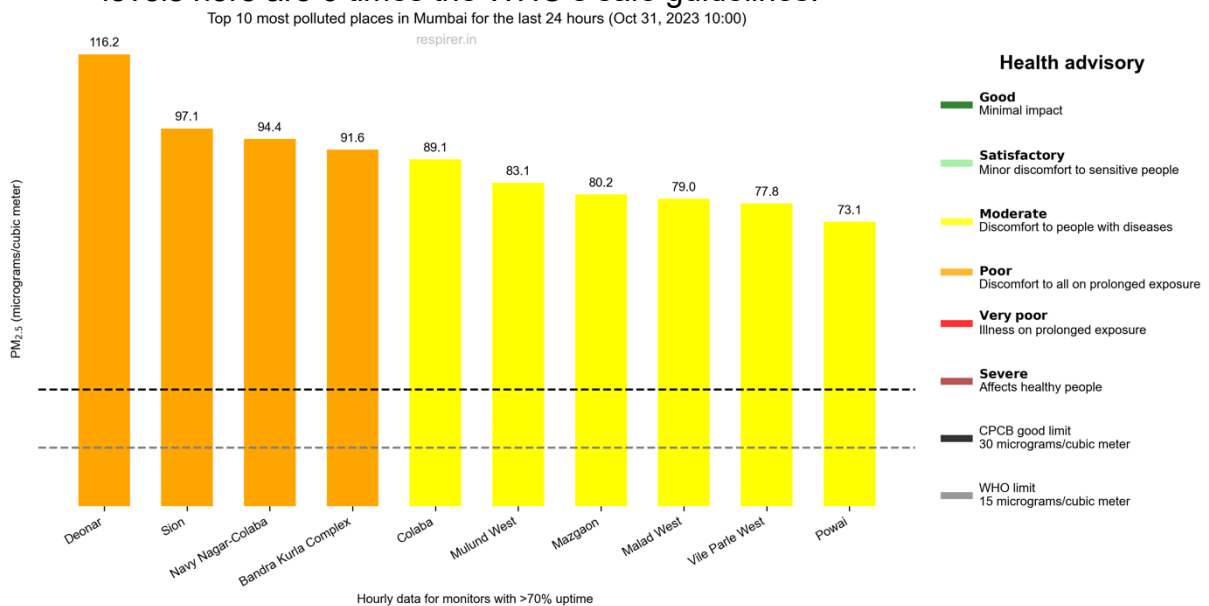
Most polluted cities in India – Seven-day average of PM 2.5

- Five Haryana cities dominate the list of most polluted cities in India.
- Delhi is ranked sixth, but the other cities in the list are far smaller in size.
- Byrnihat in Assam is the only place in this list outside the Indo-Gangetic Plain.

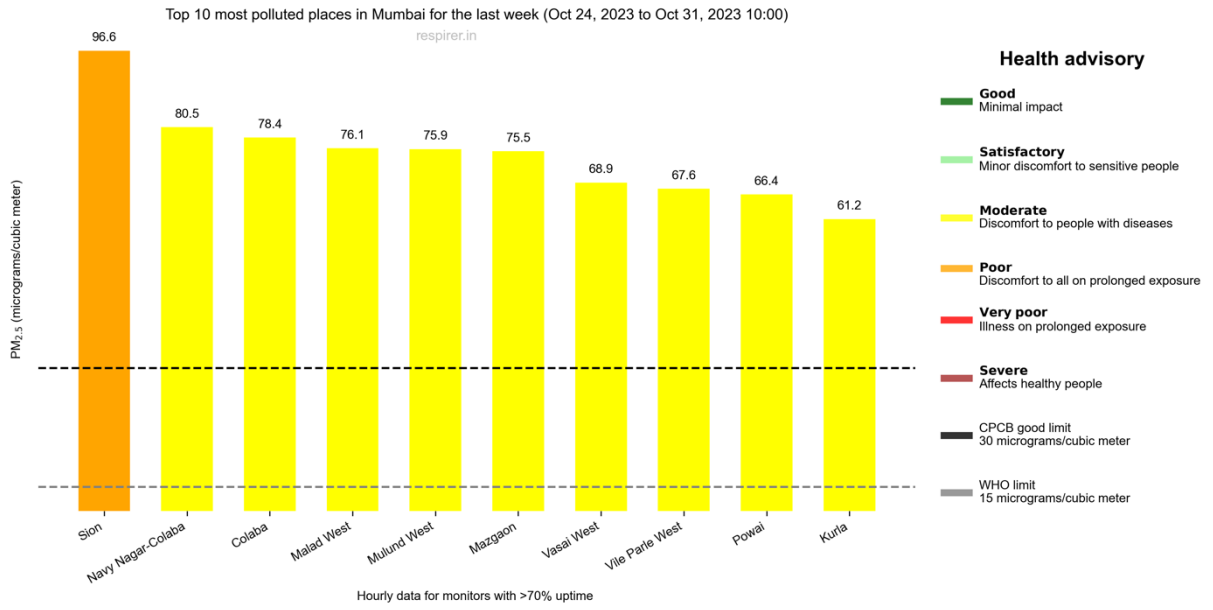


Air pollution rises across Mumbai

- Pollution has risen in 15 locations in the last 24 hours, whereas it had risen in seven locations a day earlier.
- Four places are in the 'poor' category. These include Deonar, where there is a large dumping ground, and the posh Bandra Kurla Complex (BKC). PM 2.5 levels here are 6 times the WHO's safe guidelines.



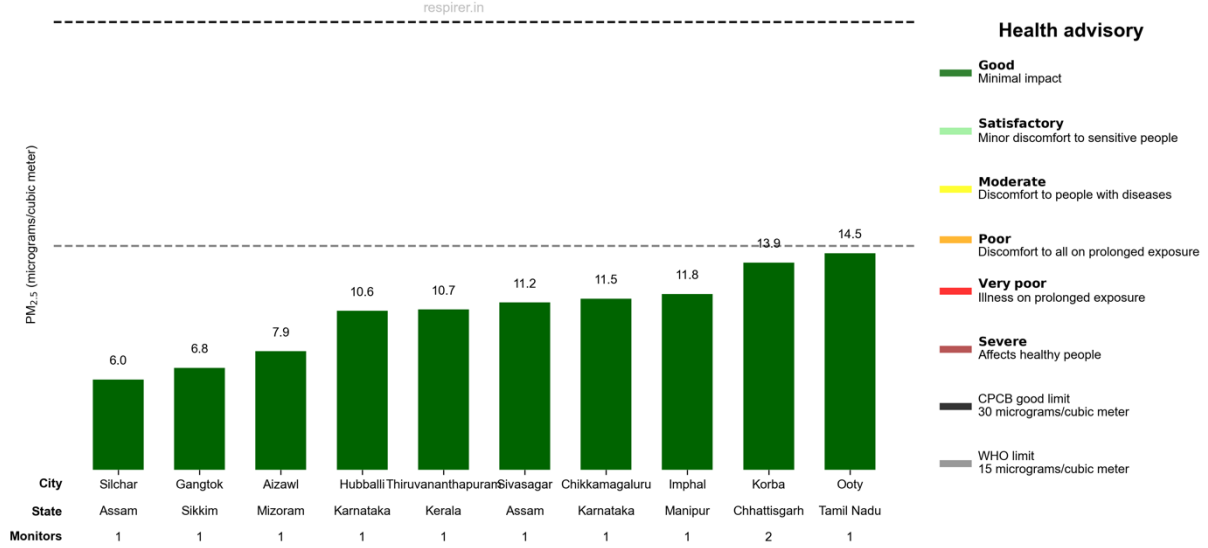
Seven-day average of PM 2.5 in Mumbai



(Cont'd)

India's least polluted places for the last 24 hours and over the past week.

Top 10 least polluted cities for the last 24 hours (Oct 31, 2023 10:00)



Hourly data for monitors with >70% uptime
Top 10 least polluted cities for the last last week (2023-10-24 to Oct 31, 2023 10:00)

