

CERCA Weekly Newsletter



Centre of Excellence for Research on Clean Air (CERCA)
Indian Institute of Technology Delhi

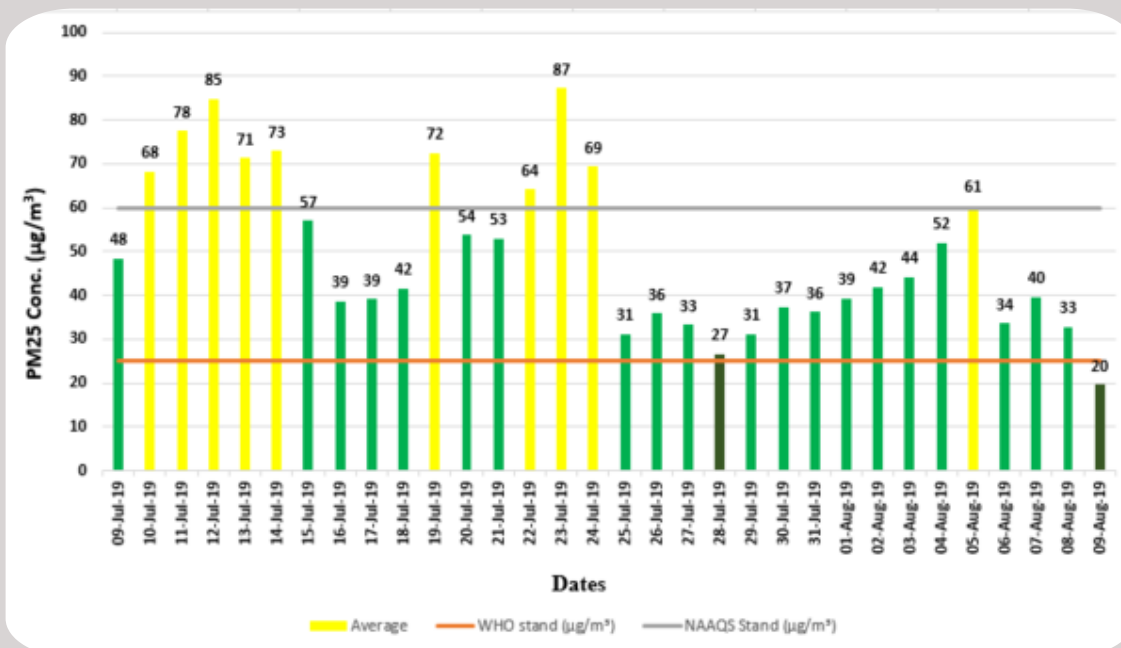
Air Quality in different cities »



August 30, 2019, 11:00-12:00 IST (Hourly Average)

Data Source: Berkeley Earth

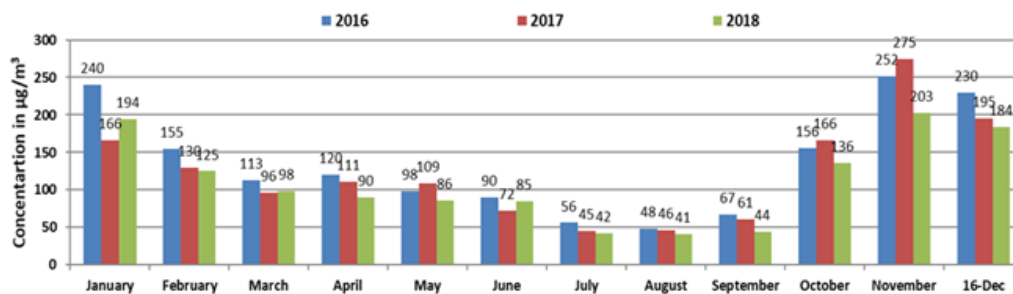
Delhi air quality for last 30 days »



Average PM2.5 Air Quality for 10 stations in Delhi

Data Source: CPCB

Delhi long term air quality trend »



About 18 % decrease in PM2.5 levels in October, about 26 % in November and about 6 % in December 2018 in comparison to corresponding months in 2017 have been observed.

Data Source: CPCB

Air quality health impacts »

Air quality	AQI Category (range)	PM2.5 24-hr (range)	Likely Health Impacts
Good	0-50	0-30	Minimal Impact
Satisfactory	51-100	31-60	May cause minor breathing discomfort to sensitive people
Moderately polluted	101-200	61-90	May cause breathing discomfort to the people with lung disease such as asthma and discomfort to people with heart disease, children and older adults
Poor	201-300	91-120	May cause breathing discomfort to people on prolonged exposure and discomfort to people with heart disease with short exposure
Very Poor	301-400	121-250	May cause respiratory illness to the people on prolonged exposure. Effect may be more pronounced in people with lung and heart diseases
Severe	401-500	250+	May cause respiratory effects even on healthy people and serious health impacts on people with lung/heart diseases. The health impacts may be experienced even during light physical activity

About

Data Source: CPCB

Thought Leadership »



How to Reduce Exposure to Air Pollution

Scientists have linked dirty air to a long list of health problems, and the danger can seem all the more frightening because, unlike with many other risks, we have no choice about breathing.

Source: The New York Times

New Measures and Initiatives »



UT submits plan against air pollution

From promoting battery-operated vehicles and green buffers along the traffic corridors to introducing intelligent traffic management system, the UT administration plans to do everything to control air pollution.

Source: *The Times of India*



Karnataka HC Directs Govt. To Ensure That Emission Testing Centers Follow Norms

Karnataka High Court has directed the State government to ensure that vehicle emission testing centers in the state don't indulge in acts of illegality or irregularity, in issuing certificates, as they played an important role in controlling 'Air pollution' emanating from vehicles.

Source: *Live Law*

Health Impact »



Air pollution linked to premature death risk

Exposure to toxic air pollutants is linked to increased deaths due to cardiovascular and respiratory diseases, warn researchers.

Source: *The Pioneer*



Eye Disease linked to Air Pollution

A new study now adds another worrisome pollution-related risk: eye disease.

Source: *Time*

International Developments »



Get your act right', plaintiffs fume as Jakarta government ignores air pollution hearing

Residents and activists have demanded that the government take seriously an air pollution lawsuit filed against it nearly two months ago by fed-up residents, as the legal proceedings have yet to move forward as the court keeps adjourning the hearing.

Source: *The Jakarta Post*



Morocco Among Top 25 Countries Worldwide Causing Air Pollution

Morocco, along with five other countries from the Middle East and North Africa (MENA) region, are in the top 25 countries emitting Sulfur Dioxide (SO₂), one of the most air polluting and harmful gases.

Source:Morocco World News

New Research (study) or Policy »



Air pollution in Mumbai not highlighted, says expert

Mumbai will submit its (clean air) action plan within a week,” said V.M. Motghare, joint director (air), Maharashtra Pollution Control Board (MPCB).

Source:The Hindu



While trying to save water, a legislation unexpectedly leads to increasing air pollution, says study

Legislations by Haryana and Punjab governments to save groundwater seems to have had an unexpected outcome – an increase in winter time air pollution in northern India, suggests a latest study.

Source:Mongabay

New Technology »



Inside India's messy electric vehicle revolution

India's embrace of electric vehicles has been disorganized, like so much else in the country.

Source:Economic Times



Transport ministry wants lower GST on hybrid vehicles

The transport ministry has written to the finance ministry asking for the goods and services tax on hybrid vehicles to be reduced from 28%.

For more details visit <http://cerca.iitd.ac.in/>

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