

# **World Climate Change Report 2021**

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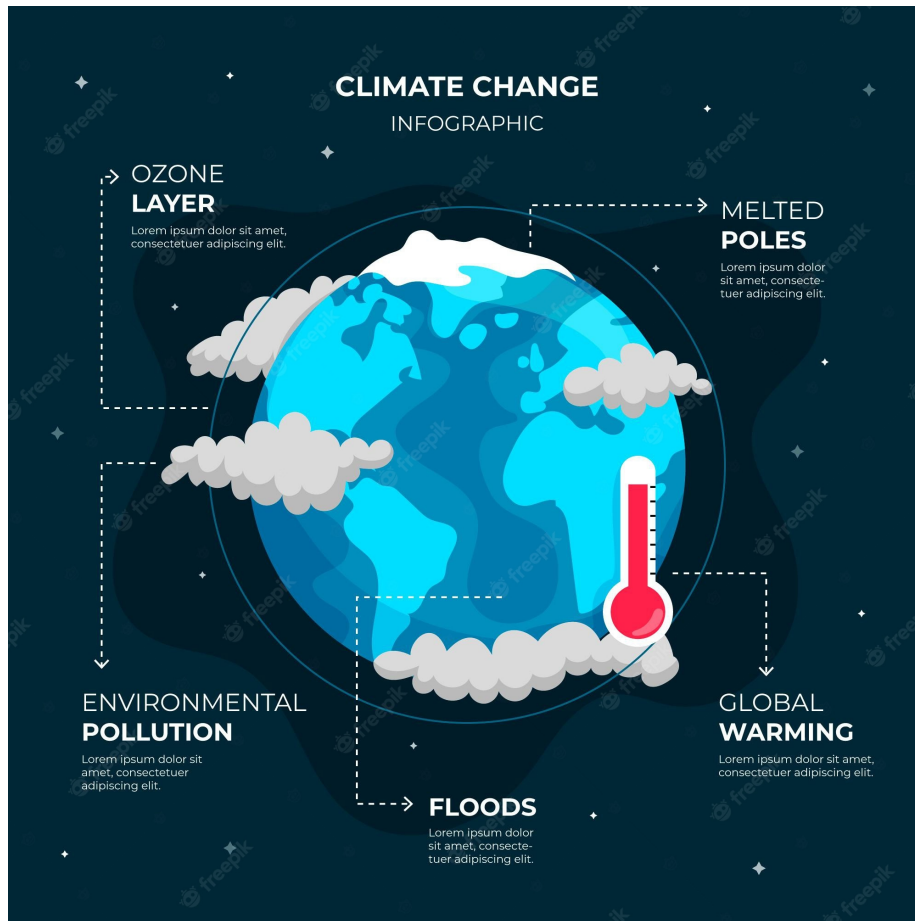
2022-7-19



Figure 1: Morning Scenes in New Delhi

Global Rank	Country	State	City	Avg.PM*
1	India	Rajasthan	Bhiwadi	106.2
2	India	Uttar Pradesh	Gaziabad	102
3	China	Xinjiang	Hotan	101.5
4	India	Delhi	Delhi	96.4
5	India	Uttar Pradesh	Jaunpur	95.3
6	Pakistan	Punjab	Faisalabad	94.2
7	India	Uttar Pradesh	Noida	91.4
8	Pakistan	Punjab	Bahawalpur	91.0
9	Pakistan	Khybar P	Peshawar	89.6
10	India	Uttar Pradesh	Bagpat	89.1

**New Delhi** The air pollution levels in India worsened in 2021, ending a three-year trend of improving air quality, according to the World Air Quality Report released by IQAir, a Swiss firm on Tuesday (March 22). India is the fifth most polluted country among 117 countries, regions and territories around the world, assessed. The country's annual average PM2.5 levels reached 58.1 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) in 2021, returning to pre-quarantine concentrations measured in 2019. The WHO recommends that average annual readings of small and hazardous airborne particles known as PM2.5 should be no more than 5 micrograms per cubic meter after changing its guidelines in 2021.



- Ozone depletion and climate change are linked in a number of ways, but ozone depletion is not a major cause of climate change.
- Climate change, also known as global warming, is caused by a blanket of pollution that traps heat around the earth. This pollution comes from cars, factories, homes, and power plants that burn fossil fuels such as oil, coal, natural gas, and gasoline
- Floods are made more likely by the more extreme weather patterns caused by long-term global climate change. Change in land cover—such as removal of vegetation—and climate change increase flood risk.

Rivers and streams experience flooding as a natural result of large rain storms or spring snowmelt that quickly drains into streams and rivers.



Figure 2: Shows consequences of climate change

Table using csv file

Temperature	Rainfall
80	113
65	345
43	543
23	234
78	343
43	786
22	432
12	12
67	345