

Air Quality Status in Jaipur and Nearby Areas of Rajasthan

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Abstract: *The residents of Rajasthan, especially those who live in close proximity to industrial zones, are increasingly concerned about air pollution. Many lung disorders are brought on by gaseous contaminants. Rajasthan is an arid region with strong winds, making it an ideal environment for the rapid dispersal of air pollution. Using data from the central pollution control department, Jaipur's air quality is compared to those of neighbouring cities like Ajmer, Dausa, and Kota. Air pollution is compared on a number of different scales, including its concentration, particle size, the difference in its effects during the day and at night, etc. Cities appear to have far poorer air quality than rural places. There appears to be less traffic at night, which results in less air pollution. Day and night time comparisons are done, and both tabular and graphical representations of the data are provided.*

Keywords: Air Pollution, Air quality index, Suspended Particulate Matter, Pollution Control.

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