AIR QUALITY
OF METRO CITIES IN INDIA

PARTICULATE MATTER $_{10}$

A day in

PARTICULATE MATTER

Particulate Matter having an aerodynamic diameter less than or equal to 10 µm. Particulate matter (PM) is a complex mixture of suspended solid and liquid particle in semi equilibrium with surrounding gases.

The air quality of different cities/towns is monitored by the respective NAAQS. The air quality has been categorized into four broad categories based on an Exceedence Factor (the ratio of annual mean concentration of a pollutant with that of a res pective standard).

$$EF = \frac{\text{Observed annual mean concentration of } PM_{10}}{\text{Annual standard of } PM_{10}}$$

Critical pollution (C)	EF	> 1.5
High pollution (H)	EF	1.0 - <1.5
Moderate pollution (M)	EF	0.5 - <1.0
Low pollution (L):	EF	< 0.5

CHENNAI

BENGALURU

MUMBAI

DELHI