

AIR POLLUTANTS PM_{10}

Annual average PM_{10} concentrations ($\mu\text{g}/\text{m}^3$)



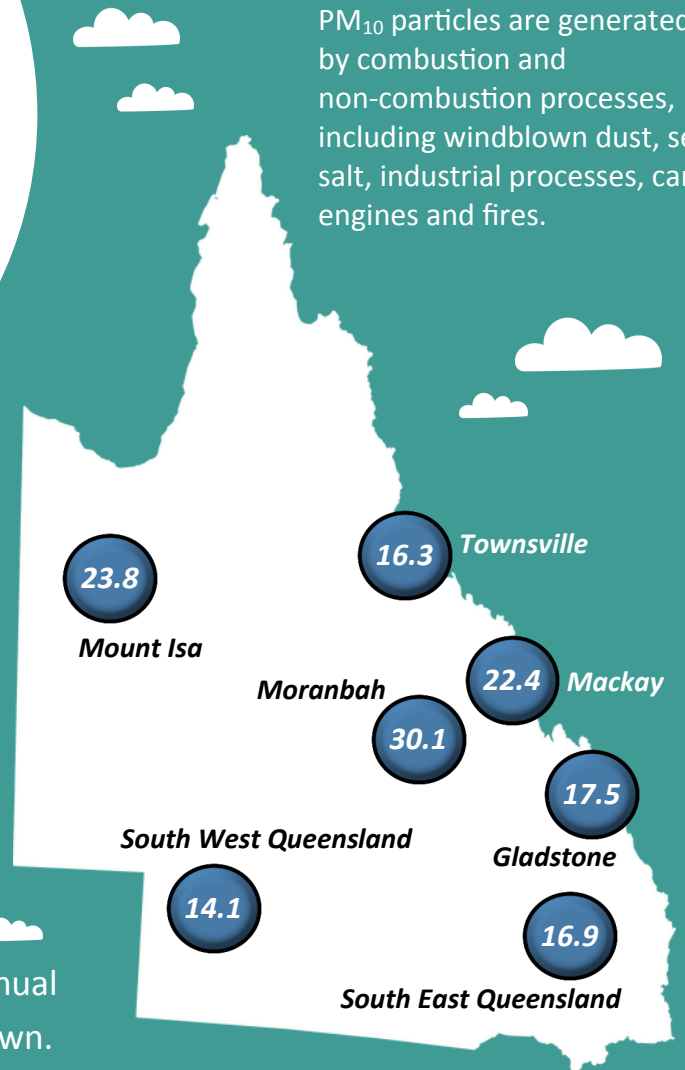
Particulate matter is measured as the amount in micrograms (μg) of PM_{10} particles per cubic metre (m^3) of air.

PM_{10} particles are generated by combustion and non-combustion processes, including windblown dust, sea salt, industrial processes, car engines and fires.

A PM_{10} particle is less than 10 microns in diameter or less than one-fifth of the diameter of a human hair.

PM_{10} is an air pollutant of concern as PM_{10} particles are capable of penetrating our lower airways and can cause negative health effects.

The numbers shown in circles represent the annual average PM_{10} values ($\mu\text{g}/\text{m}^3$) for each city or town.

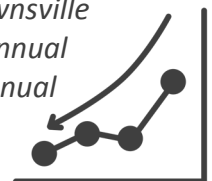


INTERESTING FACTS

Overall, Moranbah had an annual average that was much higher than most sites in Gladstone.



Similarly, Gladstone and Townsville displayed an overall lower annual average compared to the annual average of PM_{10} particles recorded in Mackay.



The data displayed in the map above was recorded in October 2017 to September 2018.



Fisherman's Landing in Gladstone had an annual average of $31.5 (\mu\text{g}/\text{m}^3)$, which was exceedingly high, compared to all other Gladstone sites.

