

Haze in Singapore - Action Plan Advisory

Action Plan

http://app2.nea.gov.sg/psi_hazeplan.aspx

Value	PSI Descriptor	General Health Effects	Cautionary Statements
Up to 50	Good	Good	None for the general population.
51 to 100	Moderate	Few or none for the general population.	None required.
101 to 200	Unhealthy	Mild aggravation of symptoms among susceptible persons i.e. those with underlying conditions such as chronic heart or lung ailments; transient symptoms of irritation e.g. eye irritation, sneezing or coughing in some of the healthy population.	<p>Persons with existing heart or respiratory ailments should reduce physical exertion and outdoor activity.</p> <p>The general population should reduce vigorous outdoor activity.</p> <p>Appropriate public advisories regarding the use of respiratory masks and other health matters will be given.</p>
201 to 300	Very Unhealthy	Moderate aggravation of symptoms and decreased tolerance in persons with heart or lung disease; more widespread symptoms of transient irritation in the healthy population.	<p>Elderly and persons with existing heart or lung disease should stay indoors and reduce physical exertion and outdoor activity.</p> <p>The general population should avoid vigorous outdoor activity.</p> <p>Appropriate public advisories on air cleaning devices for homes and offices will be given.</p>
301 to 400	Hazardous	Early onset of certain diseases in addition to significant aggravation of symptoms in susceptible persons; and decreased exercise tolerance in healthy persons.	<p>Children, elderly and persons with existing diseases should stay indoors and avoid outdoor activity.</p> <p>The general population should avoid all unnecessary outdoor activity.</p>
Over 400	Hazardous	PSI levels above 400 may be life-threatening to ill and elderly persons. Healthy people may experience adverse symptoms that affect normal activity.	<p>Children, elderly and persons with existing diseases should stay indoors, keeping the windows and doors closed and avoiding physical exertion as far as possible.</p> <p>Outdoor activity should be avoided.</p> <p>The general population should keep physical exertion and outdoor activity to as low a level as possible.</p>

* The index value refers to the 24-hour Pollutants Standards Index (PSI) value and not to the 3-hour PSI value. Only the 24-hour PSI value is correlated to the health effects outlined.

What is PSI?

How is the index measured?

What is the meaning of the index?

PSI stands for 'Pollutant Standards Index'. It is an index developed by the United States Environmental Protection Agency (USEPA) to provide accurate, timely and easily understandable information about daily levels of air pollution.

The ambient air in Singapore is monitored through a telemetric network of air monitoring stations strategically located in different parts of Singapore.

The monitoring stations measure air pollutants such as sulphur dioxide, nitrogen dioxide, ozone, carbon monoxide and particulate matter called PM10 (particulate matter of 10 microns or smaller in size). These pollutants are used in the determination of the index.

You can get an updated haze report via the NEA website:

<http://app2.nea.gov.sg/psi.aspx>

<http://app2.nea.gov.sg/3hnowcast.aspx>