

Hawaii Short Term SO₂ Alert Index

Data Disclaimer

The data on this web page are preliminary and await review and validation by qualified staff. The data may be revised or invalidated after review. The Department makes every effort to assert the validity and integrity of the data, but data can be affected by equipment malfunctions, technical difficulties, and other unforeseen circumstances.

[Click here to view the Hawaii Short Term SO₂ Alert Index](#)

Explanation of Website

The information on this web page provides current sulfur dioxide (SO₂) levels due to the Kilauea Volcano on the Island of Hawaii. SO₂ is an irritant gas emitted by the volcano. People with asthma who are physically active outdoors may experience the health effects. SO₂ levels are measured in Hilo, Mountain View, Puna, Hawaii Volcanoes National Park, Pahala and Kona. Click on the site links for daily historical data.

The color-coded system was developed to help people learn how SO₂ levels may affect them and what appropriate measures they can take to protect their health. SO₂ levels are based on 15-minute averages. The six colors correspond to the different level of health concern ranging from "good" to "hazardous". Because people may be affected differently, the DOH recommends that people rely upon how they personally respond to SO₂ rather than depending only on the monitoring data to make health decisions. The SO₂ levels in communities various depending on wind and weather conditions. If vog in your area is visually heavy, stay indoors or if appropriate, seek medical assistance regardless of any monitored results.

For more information on the color-coded levels and appropriate measures [click Short-term Sulfur Dioxide Response Level Information \(pdf\)](#). Additional information on vog can be found at <http://hawaii.gov/gov/vog>