

Interactive comment on “Synoptic Analysis of a Decade of Daily Measurements of SO₂ Emission in the Troposphere from Volcanoes of the Global Ground-Based Network for Observation of Volcanic and Atmospheric Change” by Santiago Arellano et al.

Anonymous Referee #2

Received and published: 29 December 2020

This is a very good and well-written paper. This will be useful during a major eruption to help determine the dynamics of any plumes and could direct air traffic around them.

On line 172, you say "angle of view" but you really mean "field of view"?

In section 4.2, line 431 you reference figure 4 when I think you mean figure 5.

Line 437, you should not include Sangay and Sinabung that you are providing new

Printer-friendly version

Discussion paper



information for. NASA's Global Sulfur Dioxide Monitoring pages have been monitoring those volcanoes since 2004.

On Figure 1, the red triangles can override the yellow squares. Maybe make the triangles a little smaller.

Figure 2 has 2 part a)s.

In the Introduction you reference Sparks, et al., 2014, but I don't see it. Maybe 2012.

Some references are out of sequence.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2020-295>, 2020.

Printer-friendly version

Discussion paper

