

Go to the website: [http://cimss.ssec.wisc.edu/goes/webapps/satrgb/overview\\_ahi.html](http://cimss.ssec.wisc.edu/goes/webapps/satrgb/overview_ahi.html)

Now you'll be combining image bands from the AHI on Himawari-8. Click on Russia (25 Jan 2015).

First, try to make a 'true color' – so for the red 'component, you choose a red wavelength, for the green component, you choose a green wavelength and for a blue component you choose a blue wavelength.

Now: Choose a combination that highlights the Volcanic eruption in the center of the scene. Hint: You'll want a shortwave IR to capture the heat in there. A volcano can emit a lot of CO<sub>2</sub> or SO<sub>2</sub>. So maybe try those too.

<http://www.goes-r.gov/education/ABI-bands-quick-info.html>