Monitoring Volcanoes Unit 3: Conspiracy Theorist Letter

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*Below is a letter similar to many received by USGS scientists working at Yellowstone Volcano Observatory. Respond to the letter as if you were a USGS scientist based on your work from in class as well as more recent data posted here:* [*https://volcanoes.usgs.gov/volcanoes/yellowstone/monitoring\_map.html*](https://volcanoes.usgs.gov/volcanoes/yellowstone/monitoring_map.html)

USGS Scientist,

Steamboat geyser has erupted 20 times between May and late September 2018, based the seismic signal reported by the University of Utah.  On September 30, 2018, the same exact signature was found on those same seismograms of Norris Museum.

Why hasn’t the USGS confirmed a 21st eruption at Steamboat geyser? Are you too worried about causing a public panic? Is the truth not important to you?  Maybe you don't monitor the park closely enough to see that there has been another eruption?  Are you dishonest, or just incompetent?

With all due respect, what are you thinking? Are there gas readings being done at Steamboat to know if you are seeing H2S or SO2?  What if Steamboat is about to experience a hydrothermal explosion?

What will it take to close the area around Norris as a precaution until you know what is happening there? You are putting people's lives at risk by not being honest about the danger posed by the rising magma, which is clearly indicated by all of the earthquakes and uplift across the park.  We need people to investigate this situation. I would certainly expect that the USGS would inform the public of any dangers, rather than hiding the truth, like you do so often with earthquakes.

Respectfully,

Anonymous