

Components of the assignment:

- a) Data source: provide a title for the data and the SPECIFIC link for access.

Detecting and Tracking Tornadoes

<https://www.nssl.noaa.gov/education/svrwx101/tornadoes/detection/>

- b) Lesson Enhancement: Describe how the data enhances a topic that you currently teach or plan to teach. Include a 1 paragraph statement about your personal feelings regarding using data.

I feel that data can be a very important resource in teaching any type of lesson. Data helps put a real life aspect to your lesson. If a child can see a weather pattern or other data that is relevant to the area where they live that is going to stick with them longer than some random piece of information that we give them or that a book gives them.

I will be teaching about weather this year with my class. I will use the data from my website to help give visuals for my students. I will pick the detection maps that have been close to home so they can relate to what we are talking about. This visual will help them in the future while watching the weather to know if a weather situation is about to happen so they can get to safety.

- c) Interdisciplinary context: How can the data be used to create interdisciplinary lessons, discussions or activities in your classroom. How can you connect to multiple content areas?

The data can be used for comparing and contrasting two different tornadoes. They can also be able to recognize the differences between an F1 and F5 tornado. I could use this as a writing assignment. The students could be given a story starter about a storm coming and they have to write an ending to it. We could possibly do mapping skills with finding the locations of different storms and mapping the path they took, which would lead to discussions about why some tornadoes are on the ground longer than others. We could also do problem solving activities to find out how soon a tornado could be at our school or house based on where it touched down, speed of travel and etc. Of course I

would not scare the students we would get lucky and the tornado lifts right before it gets to the school. We could make tornadoes in a tube.