

Brian Cacchiotti

## Extra Credit Assignment NEW ENGLAND BLIZZARDS

**Assignment due 3/28 or 3/29**

Blizzards are as New England as the Boston Red Sox and Maine lobsters! Even though New England is located along the northern Atlantic, giving us a maritime climate (warmer winters and cooler summers) we still get our share of blizzards.

This week we suffered through two Nor'easters! However, neither storm achieved blizzard status, even though some places had lots of snow and others had high winds and storm surge.

I have included a few links describing some of New England's worst blizzards, the Wikipedia entry on blizzards and two primers on winter storms by NOAA's NSSL and NSIDC (the *National Oceanic and Atmospheric Administration's National Severe Storm Laboratory* and *National Snow and Ice Data Center*). These sources should give you a good starting point to discuss winter storms and blizzards.

<a href="#">New England.com Worst Blizzards</a>	<a href="#">NECN Top 5 Blizzards</a>	<a href="#">Wiki Blizzards</a>
<a href="#">NOAA NSSL</a>	<a href="#">NSIDC</a>	<a href="#">Weather Underground</a>

In this short research paper, I want you to learn what a blizzard is and what the requirements are to become a blizzard. Then compare these requirements to the actual conditions your city or town received during the most recent Nor'easter on March 7-8, 2018. Did your city or town experience a blizzard?

One good source for local data is the Weather Underground. Search for your city/town and then select the history 'tab' and choose your date(s). If you don't have good data from the preselected weather station, choose the Change pull-down and choose a different station close to you as they might have better data.

Then I want you to describe in one paragraph your personal experiences with these two most recent storms. Let me know how good/bad/scary/funny it was and why!

Finally, I want you to research one of the following storms: Blizzard of 1978; April Fool's Day Storm 1997; Presidents Day Storm of 2003; Blizzard Nemo 2013; or Winter Storm Juno 2015. BTW... each has its own wiki page in addition to a lot more information! Give me a two-paragraph summary of the effects of the storm and the areas impacted. Did you experience the storm you are writing about? Let me know about your experiences as well!

Assignment summary:

- What is a blizzard? What are the requirements for becoming a blizzard?
- What happened in your city/town during this last storm? Was it a blizzard?
- What were your experiences with these last two storms?
- Research and summarize one of the New England blizzards. Describe the impacts and areas.

This assignment should be 1-1/2 to 2 pages in length (12-point type, 1" margins, single spaced and typed/printed). Due on March 28 or 29. **NOTE: You must have a works cited page with PROPERLY FORMATTED CITATIONS!** Bare URL's are not considered to be properly formatted citations and are unacceptable. <https://www.wikihow.com/Cite-Sources>

Extra credit assignment will be worth 0 – 5 points (based on quality) added to your final Lab Grade!