

Links and References

Hail:

https://eos.org/articles/hail-causes-the-most-storm-damage-costs-across-north-america?utm_source=eos&utm_medium=email&utm_campaign=EosBuzz081718

https://en.wikipedia.org/wiki/Latent_heat

https://en.wikipedia.org/wiki/Enthalpy_of_vaporization

<http://www.theweatherprediction.com/habyhints/19/>

<http://digital.olivesoftware.com/Olive/ODN/DenverPost/Default.aspx>

https://www.huffingtonpost.com/john-p-abraham-phd/roger-pielke-climate-science_b_5038272.html

Colorado Weather Almanac by channel 7 Meteorologist Mike Nelson:

https://www.amazon.com/Colorado-Weather-Almanac-Mike-Nelson/dp/1555664016/ref=sr_1_1?ie=UTF8&qid=1535049310&sr=8-1&keywords=mike+nelson+colorado+weather

USA Today Weather book: https://www.amazon.com/Weather-Book-Easy-Understand-Guide/dp/0679776656/ref=sr_1_1?s=books&ie=UTF8&qid=1535049603&sr=1-1&keywords=usa+today+weather+book

<https://en.wikipedia.org/wiki/Climate>

Climate is the statistics of [weather](#) over long periods of time.^{[1][2]} It is measured by assessing the patterns of variation in [temperature](#), [humidity](#), [atmospheric pressure](#), [wind](#), [precipitation](#), atmospheric particle count and other [meteorological](#) variables in a given region over long periods of time. Climate differs from weather, in that weather only describes the short-term conditions of these variables in a given region.

<https://en.wikipedia.org/wiki/Weather>

Weather is the state of the [atmosphere](#), describing for example the degree to which it is hot or cold, wet or dry, calm or stormy, clear or cloudy.^[1] Most weather phenomena occur in the lowest level of the atmosphere, the [troposphere](#),^{[2][3]} just below the [stratosphere](#). Weather refers to day-to-day temperature and [precipitation](#) activity, whereas [climate](#) is the term for the averaging of atmospheric conditions over longer periods of time.^[4] When used without qualification, "weather" is generally understood to mean the weather of [Earth](#).

https://en.wikipedia.org/wiki/Climate_change

Climate change is a change in the statistical distribution of [weather](#) patterns when that change lasts for an extended period of time (i.e., decades to millions of years). Climate change may refer to a change in average weather conditions, or in the time variation of weather within the context of longer-term average conditions. Climate change is caused by factors such as [biotic](#) processes, variations in [solar radiation](#) received by Earth, [plate](#)

[tectonics](#), and [volcanic eruptions](#). Certain human activities have been identified as primary causes of ongoing climate change, often referred to as [global warming](#).^[1] There is no general agreement in scientific, media or policy documents as to the precise term to be used to refer to [anthropogenic](#) forced change; either "global warming" or "climate change" may be used.^{[2][3][4]}

Mike Nelson links:

- **About Mike Nelson**<https://cires.colorado.edu/events/creative-climate-communications-7news-mike-nelson>
- **January 2017 – nothing new but needs to be taken seriously:**
<https://www.thedenverchannel.com/news/local-news/mike-nelson-climate-change-talk-is-nothing-new-but-should-be-taken-seriously-now-more-than-ever>
- **October 2017 – we are the cause of warming:**
<https://www.thedenverchannel.com/weather/weather-blogs/mike-nelson-the-planet-is-getting-warmer-and-we-are-the-cause>
- **May 2017 with Mike Denning:** <https://www.thedenverchannel.com/weather/mike-nelson-discusses-climate-change-global-warming-with-csu-climate-scientist-scott-denning>