**More About Wild WV Weather** 

**DID YOU KNOW...**

* *The* ***lowest recorded temperature*** *in WV is* ***–37*°*F*** *in Lewisburg? (Dec 30, 1917)*
* *Over* ***5 feet of snow*** *has been recorded in* ***one snowstorm*** *in WV?*
* ***Tornadoes*** *regularly impact West Virginia? (11 documented in Kanawha County alone)*
* *Almost* ***half of flood-related deaths*** *in West Virginia are the result of people driving into flood water?*
* ***YOU*** *can help folks understand and prepare better for the wild weather of the future?*

**What is the difference between weather and climate?**

*“Climate is what you expect, weather is what you get.”*

“Weather is what you experience when you step outside on any given day. In other words, it is the state of the atmosphere at a particular location over the short-term. Climate is the average of the weather patterns in a location over a longer period of time, usually 30 years or more.”

*Source:* [*NOAA website*](https://www.noaa.gov/explainers/what-s-difference-between-climate-and-weather)

**LEARN MORE**

**How can I learn more about wild weather in WV’s past?**

* Natural Hazard Risk Assessment Dashboard - <https://www.weather.gov/rlx/HazardRiskAssessment>

**How can I learn more about weather in general?**

* JetStream Online Weather School - <https://www.weather.gov/jetstream/>

**How can I find out about current weather phenomena** (including maps)?

* Droughts – [www.drought.gov](http://www.droughts.gov) - National Integrated Drought Information System
* Hurricanes – [www.hurricanes.gov](http://www.hurricanes.gov) - National Hurricane Center
* Storms - <https://www.spc.noaa.gov/> - National Storm Prediction Center
* Weather Forecasts and Maps – [www.weather.gov](http://www.weather.gov) - National Weather Service
* River Gauges – [www.water.weather.gov](http://www.water.weather.gov)

**How can I find out more about our climate, and climate change in WV?**

* NOAA’s Climate Dashboard: [www.climate.gov](http://www.climate.gov) - excellent maps
* En-Roads [interactive climate simulator](https://en-roads.climateinteractive.org/scenario.html?v=21.11.0&p1=34&p7=1&p50=4.7&p57=-1.1&p59=-20&p63=10.2&p65=46&p67=49) - forecast future climate depending on human inputs

**PREPARE**

**How can I prepare for severe weather?**

* Readiness Kit - <https://www.ready.gov/kit> - *Be prepared!* Build a safety kit with food, water, medicine and other basic supplies for a minimum of 72 hours.
* Flood Safety - [Turn Around, Don’t Drown PSA Music Video](https://www.youtube.com/watch?v=5JUsYrjg6xU) - sing along!

**CONTRIBUTE**

**How can I contribute to weather safety and knowledge in WV?** (Citizen/Community Science)

* **Weather Spotter Program** - <https://www.weather.gov/rlx/weather-spotter> - the “eyes and ears of the National Weather Service. Help keep your community safe by reporting hazardous weather.
* **MPING** - <https://mping.nssl.noaa.gov/> - Report precipitation, and improve weather computer models at the same time
* **COCORAHS** - [www.cocorahs.org](http://www.cocorahs.org/) - volunteer network of observers of backyard or schoolyard precipitation. Lesson plans and activities available.

