



“HOME OF THE WORLD’S WORST WEATHER LIVE”

ACTIVITY SHEET: Tuesday, October 11th, 2022

Intro To Meteorology



Mount Washington’s instrument tower with halo, sun dogs and other atmospheric optics around it.

1. Mount Washington Observatory's mission is to advance the understanding of weather and climate through the study of meteorology. What is studied in meteorology?
2. Meteorologists are experts in the field of meteorology. Do all meteorologists study the same thing? Name three possible areas of study as a meteorologist.
3. On Mount Washington, the meteorologists cover several meteorology tasks. Name 3 tasks the MWObs Meteorologists complete daily.

Meteorology Jobs Deep Dive 1:

Visit [Hurricane Hunters](#) to answer the following questions about this unique Meteorology Job.

- ★ *The mission: During a flight mission what type of information can the meteorologists collect?*
- ★ *Why they do what they do: Why is this job so important to the National Hurricane Center?*
- ★ *The People: What are some of the responsibilities of the various people on board the Hurricane Hunter flight?*

Meteorology Jobs Deep Dive 2:

Visit [Broadcast Meteorology](#) to answer the following questions about being a broadcast meteorologist :

- ★ *What steps are taken to prepare for an on air forecast?*

★ *Why would it be important to be able to communicate science as a broadcast meteorologist?*

★ *How does this job compare to Mount Washington Observatory and the Hurricane Hunters?*

Research your own!:

Research which field of study you would choose as a meteorologist. Would you be an observer, broadcaster, researcher or other? Answer the following questions on your dream meteorology job:

★ *What area of study would you choose?*

★ *What about this area of study made you choose it?*

★ *What would a typical day in your dream meteorology job look like?*

★ *After learning about jobs in meteorology do you think you would ever pursue this career path?*

Thank you for joining!

★ *Knowing what you do now, what questions do you still have about tornadoes?*

If you want to have your questions answered by Weather Observers at Mount Washington Observatory, join us for our "Home of the World's Worst Weather Live" programs on Tuesdays at 11:15 AM Eastern on Zoom and submit a question during the program! If you'd like to send your question ahead of time, email Education@mountwashington.org and we'll try our best to answer your question live from the summit!

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