



# Clark College Meteorology

## Vancouver, WA



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- **Clark College is a two-year community college in Southwest Washington State.**
- **The Meteorology department was started in 1995.**
- **Approximately 120 students take our introductory atmospheric science course each year.**
- **Presently, very few students at Clark plan to pursue careers in the atmospheric sciences.**

### Curriculum

Clark College offers an associates degree in Arts and Sciences for students wanting to transfer to a 4-year institution. We have articulation agreements with many colleges and universities in the Pacific Northwest which permit our students to transfer with Junior status. We recommend that students interested in an atmospheric science degree take :

- Introduction to meteorology
- 4 quarters of calculus and 1 quarter differential equations
- 1-year physics (with calculus)
- 1-year chemistry
- Meteorology Special Projects



### Departmental planning

Our faculty and administration have worked hard to identify six broad campus wide abilities which all students should develop while attending Clark College. These are: Critical Thinking, Communication, Life-long Learning, Effective Citizenship, Global and Multicultural Perspectives, and Information Technology. In addition, the science faculty have also identified four general outcomes for student completing the science distribution requirements at Clark. These campus-wide abilities and science outcomes, along with our college mission and vision statements help guide decision making related to curriculum, purchasing, hiring, space allocation, and other budgetary considerations

### Extracurricular activities

After completing our introductory course, students interested in atmospheric science can work on special projects. Examples include working with a Clark faculty member doing research, volunteering with the National Weather Service, or working on a project of their own design. Our science faculty and students also frequently assist with local area science competitions for high school and middle school students.



**Founded 1933**

### Our role on campus

Our introductory meteorology course primarily serves non-science major students as they complete their science distribution requirement. Our faculty often present public lectures on such topics as global warming or ozone depletion during Earth Week, or prepare short courses for the mature learners (over 55) in our community. Clark science faculty frequently teach courses for the Washington State University Environmental Science department as well as work with WSU for seamless transfer into their programs.