



Summer Weather Camps – Educational Outreach at the University of Nebraska–Lincoln



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**UNL Weather Camp
Participants:**
11-15 year old students

UNL Weather Camp Times:
One week in mid-June
Monday - Friday (9am-5pm)
Family picnic, awards, Friday 5-8pm



The map shows (in black) the existing Weather Camps and (in red), weather camps that are new and under development.

NATIONAL WEATHER CAMPS:
UNL is one of several National weather

On Campus Daily Schedule:

- Morning weather map discussion conducted by our staff
- Class room visits by local scientists (university and state and federal agencies)
- Class room hands-on experiments and demonstrations
- Guided Internet access to work on individual research projects
- Outside the building to use weather instruments



Learning about careers in science



Micro-climatology exercise at the football stadium



NWS Warning Coordination Meteorologist lecture



Daily outside play

What happens at Weather Camp?

Students are engaged in hands-on activities, field experiments, seminars, tours of research facilities, and workshops that expand their knowledge of atmospheric sciences, weather and forecast models, climate science and environmental instrumentation.

Weather Camp Goals:

Learn group problem solving skills; develop leadership skills; learn how to take weather observations and forecast the weather; learn how to do research and create a research poster; and, learn about science careers through first-hand exposure to educational and career opportunities in atmospheric sciences.



Exploring weather instruments

Off Campus Field Trips:

1. National Weather Service Omaha: (toured office; met with a forecaster; met with warning coordination meteorologist who gave a presentation and students played “Weather Jeopardy” prepared by him)
2. Emergency Management Office
3. UNL Football stadium to conduct a micro-climate study of the stadium with weather instruments”
4. Channel 10/11 KOLN TV studio, Lincoln, watched live news and weather in the studio, met with their weathercasters, played with the green screen

Student comments:

“I never knew there were others like me out there.”
“Can we all come back next year, this was the most fun I want to do this again!”
“When I was there I felt like I belonged.”
It is clear this helps the student reaffirm his/her choice of a career path.



Watching live news and weather



At the TV studio



Camp counsellors are former UNL weather campers



Classroom learning about weather



All campers did a research project



Interested in starting a Weather Camp?
National Weather Camp Coordinator:
Mike Mogil hmmogil@weatherworks.com

UNL Weather Camp Website:
<http://go.unl.edu/weathercamp>

The link has a slide show of the 2013 UNL Weather Camp



Summer Weather Camp at the University of Nebraska–Lincoln

June 10-14, 2013



Graduation Friday evening



UNL Weather Camp participants, June 2013



Playing "Are You Smarter than a Weather Camper?" with parents Friday evening



Micro-Climature of the football stadium



Conducting an outside experiment



Emergency Management Office



Tornado! In front of our tornado mural



Research project on display



Daily weather briefings with camp staff



Physics of water balloon launching



Weather campers on TV!



Camper dinner and award ceremony



Campers on stage performing their "camp skits" for the parents after the cookout



Playing weather "Hit or Myth"