

Northeast Regional Climate Center

Recent and historical weather data customized to meet your needs

Climate-Smart Tools for Tribal Soil Climate Analysis Network (TSCAN) and SCAN

Natalie Umphlett, Ph.D.

Northeast Regional Climate Center, Cornell University


Workshop for Building Drought Resilience in a Changing Climate
with Upper Columbia and Missouri Basin Tribes

September 27, 2023

Partnering to Create New and Improved Decision Tools

Climate-Smart Tools for Tribal Soil Climate Analysis Network (TSCAN) and SCAN


Growing Degree Day Calculator



Monitor heat accumulation throughout the growing season.

GO **DOCS**

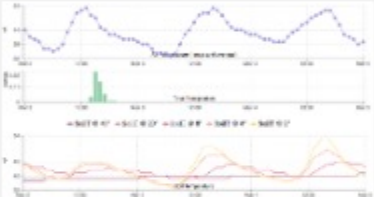
Water Deficit Calculator



Track changes in the available soil water content.

GO **DOCS**

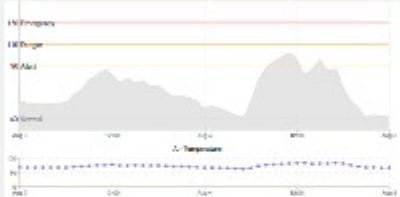
Weather Grapher



View data for multiple variables and timescales.

GO **DOCS**

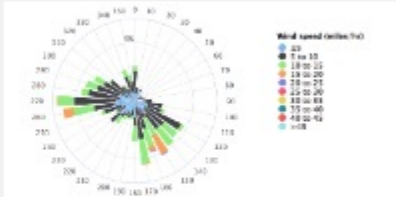
Livestock Heat Index



Assess dangerous conditions for livestock by the hour.

GO **DOCS**

Wind Rose Diagram



Summarize wind speed and direction over time.

GO **DOCS**

Stop by for a live demo or see: <https://scantools.rcc-acis.org/>.



Regional Climate Centers

Celebrating 40 years of the Regional Climate Center Program!

Northeast Regional Climate Center

Natalie Umphlett

TSCAN and SCAN Tools

<https://scantools.rcc-acis.org/>

High Plains Regional Climate Center

Gannon Rush

Water Deficit Trends

<https://hprcc.unl.edu/wdt/>

Western Regional Climate Center

Tamara Wall

Climate Maps App

<https://wrcc.dri.edu/my>

