



UNDERSTANDING WEATHER & FORECASTING TOOLS

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The ever-changing weather is constantly impacting turfgrass management. This six-week course will cover the fundamental processes driving weather at global and local scales, weather vs. climate and climate change, accessing and interpreting different sources of weather data, and use of high-resolution weather models to plan turfgrass management practices.

WEEK 1: WEATHER, CLIMATE, HEAT TRANSFER & THE DRIVING FORCE

Weather vs climate, greenhouse effects, & normals:

Your climate discussion

WEEK 2: PRESSURE, GLOBAL CIRCULATIONS, LIFT, CLOUDS & PRECIPITATION

Heat transfer, frost events, winds, fronts, precipitation types:

Frost timing, Weather around Fronts & El Nino/La Nina Discussion

WEEK 3: SOURCES OF WEATH DATA, WEATHER STATIONS & WEATHER MODELS

Weather charts, RADAR, satellite & model data:

Weather Stations and Networks plus Models and Turf Management Discussion

GreenKeeper University courses generally consist of two hours of lecture content each week for students to view at their convenience and one weekly ZOOM discussion.

THIS COURSE IS OFFERED FROM FEB 21 – March 11, 2022