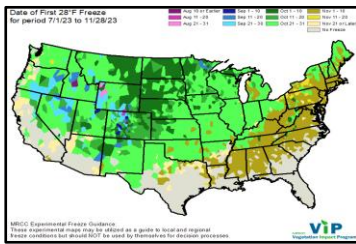


## About the Vegetation Impact Program

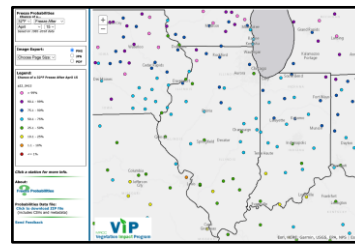
The **Vegetation Impact Program (VIP)**, hosted by the **Midwestern Regional Climate Center (MRCC)** is a monitoring, assessment, and networking program. The VIP integrates online climate monitoring information and stakeholder input to provide a suite of resources that can help minimize negative vegetation impacts, mitigate climate variability effects, and develop adaptation plans to better prepare for extreme and ever-changing environmental conditions. The program also offers interactive maps for the various products below.

## Tools & Products



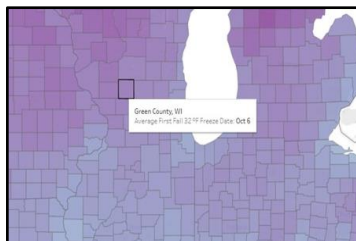
### Freeze Maps

Monitor current season freezes, growing degree days, vegetation status, and freeze climatologies



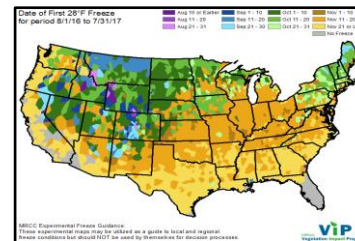
### Freeze Probabilities

View the likelihood of temperatures reaching freezing thresholds by calendar date



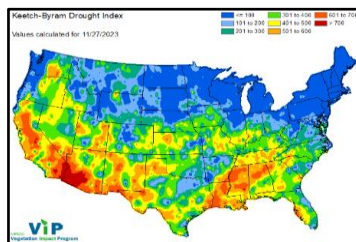
### Freeze Date Tool

Explore climatologies of first/last freeze dates for customized temperature thresholds



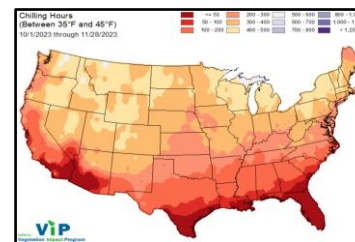
### Season Summaries

View seasonal snapshots of first and last freeze dates and lowest minimum temperatures



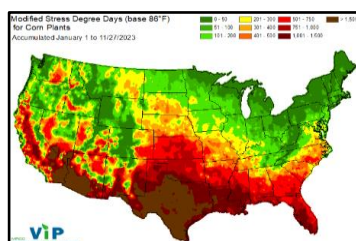
### KBDI Maps

Monitor Keetch-Byram Drought Index, a real-time indicator of drought and fire risk



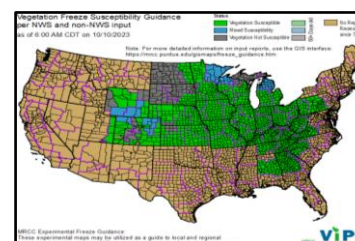
### Chilling Hours Maps

Assess the readiness of plants to break dormancy by monitoring chilling hour accumulations



### Stress Degree Days

Track temperature-related stress to corn plants throughout the growing season



### Freeze Guidance

Identify areas where vegetation is susceptible to frost damage based on citizen science reports