

# CORGI – Climate Outlook Resource for Global Insight



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**IFAS/FAWN Freeze  
Probability Outlook  
Valid: 3/8/2021**

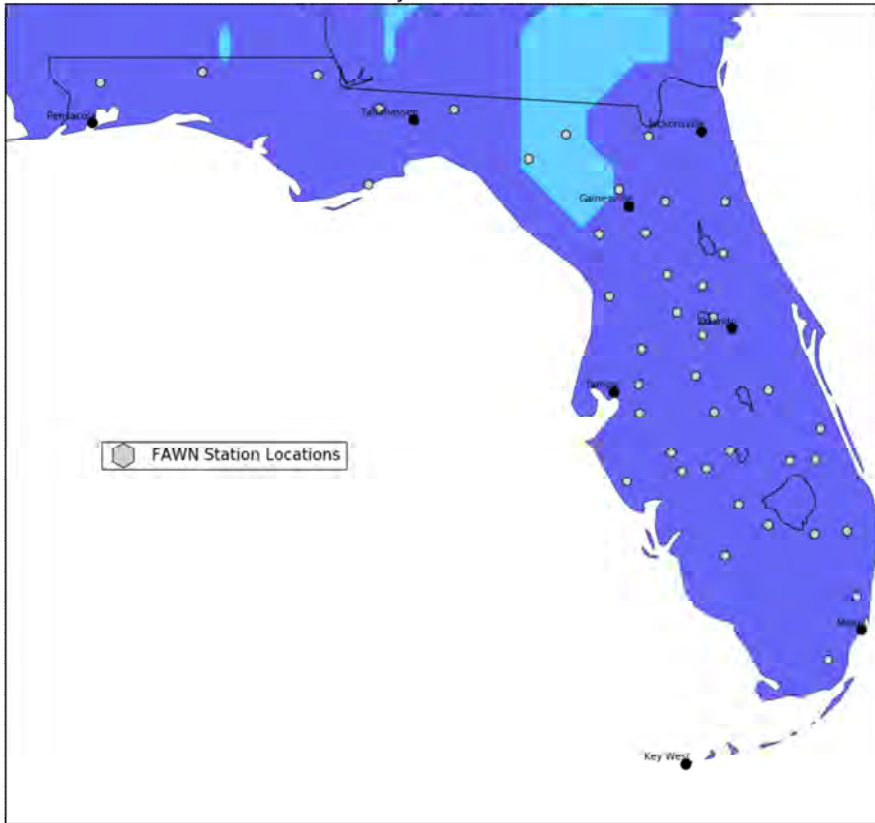
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Bruce W. Ford**

# Freeze Probability Outlook Methodology

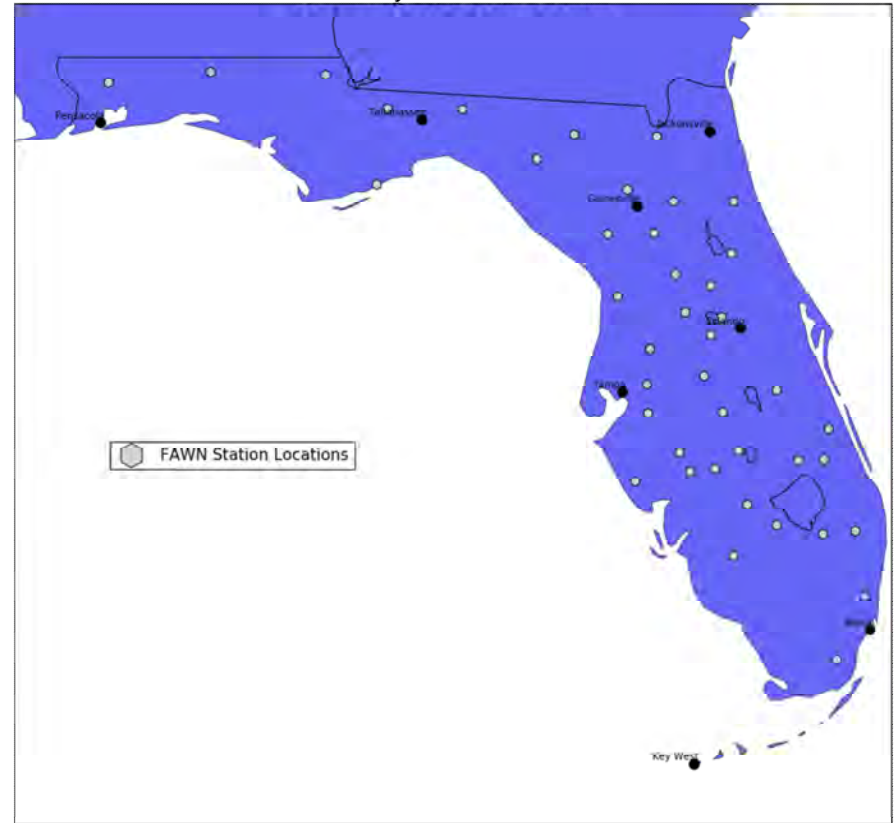
The Freeze Event Outlook is derived by an analysis which blends historical climate configurations (statistical compositing of similar seasonal teleconnection patterns) coupled with an analysis of dynamical long-range forecasts. The statistical compositing is done by analyzing the ERA5-Land reanalysis dataset from 1979-2019 using 2-meter air temperature at  $\frac{1}{4}$  degree spatial resolution. The long-range forecast component is provided by the NOAA Climate Forecast System Version 2 2-meter air temperature at appropriate valid times with a spatial resolution of  $\frac{1}{2}$  degree. Outlook is conducted by Clear Science, Inc. using the Climate Outlook Resource for Global Insight (CORGI) technology.

Outlooks are issued for two weeks beyond the valid date as these outlooks are not meant to replace operational forecasts available within the next two weeks.

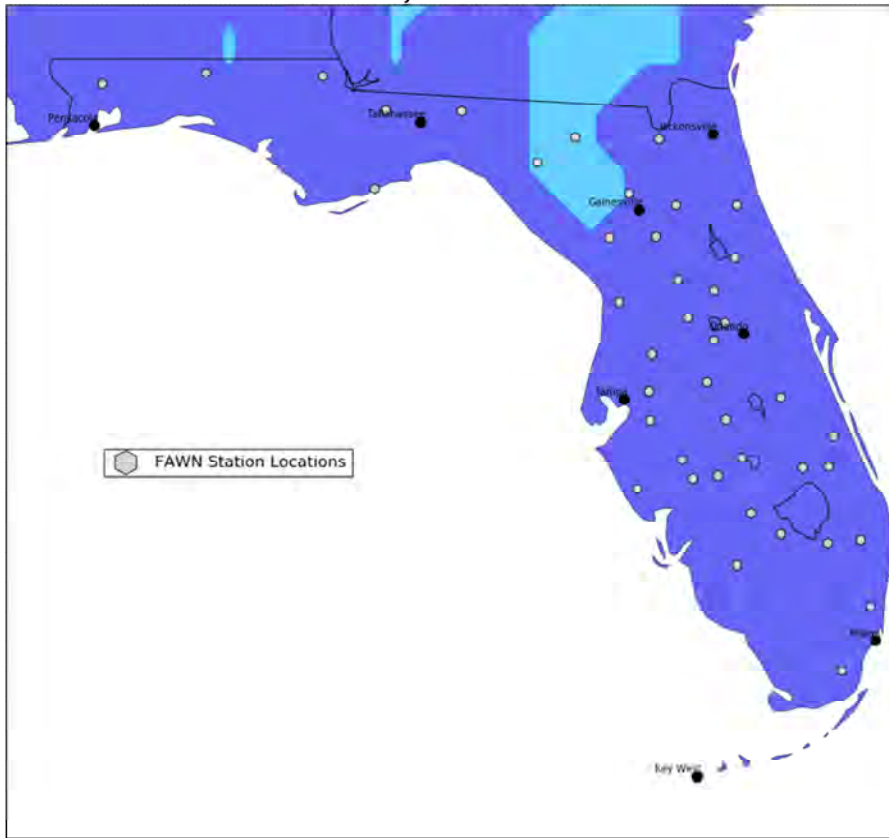
Freeze Event Outlook for 3/22 to 4/5, 2021  
Probability of 1 Freeze Event



Freeze Event Outlook for 3/22 to 4/5, 2021  
Probability of >1 Freeze Events



Freeze Event Outlook for 3/22 to 4/20, 2021  
Probability of 1 Freeze Event



Freeze Event Outlook for 3/22 to 4/20, 2021  
Probability of >1 Freeze Events

