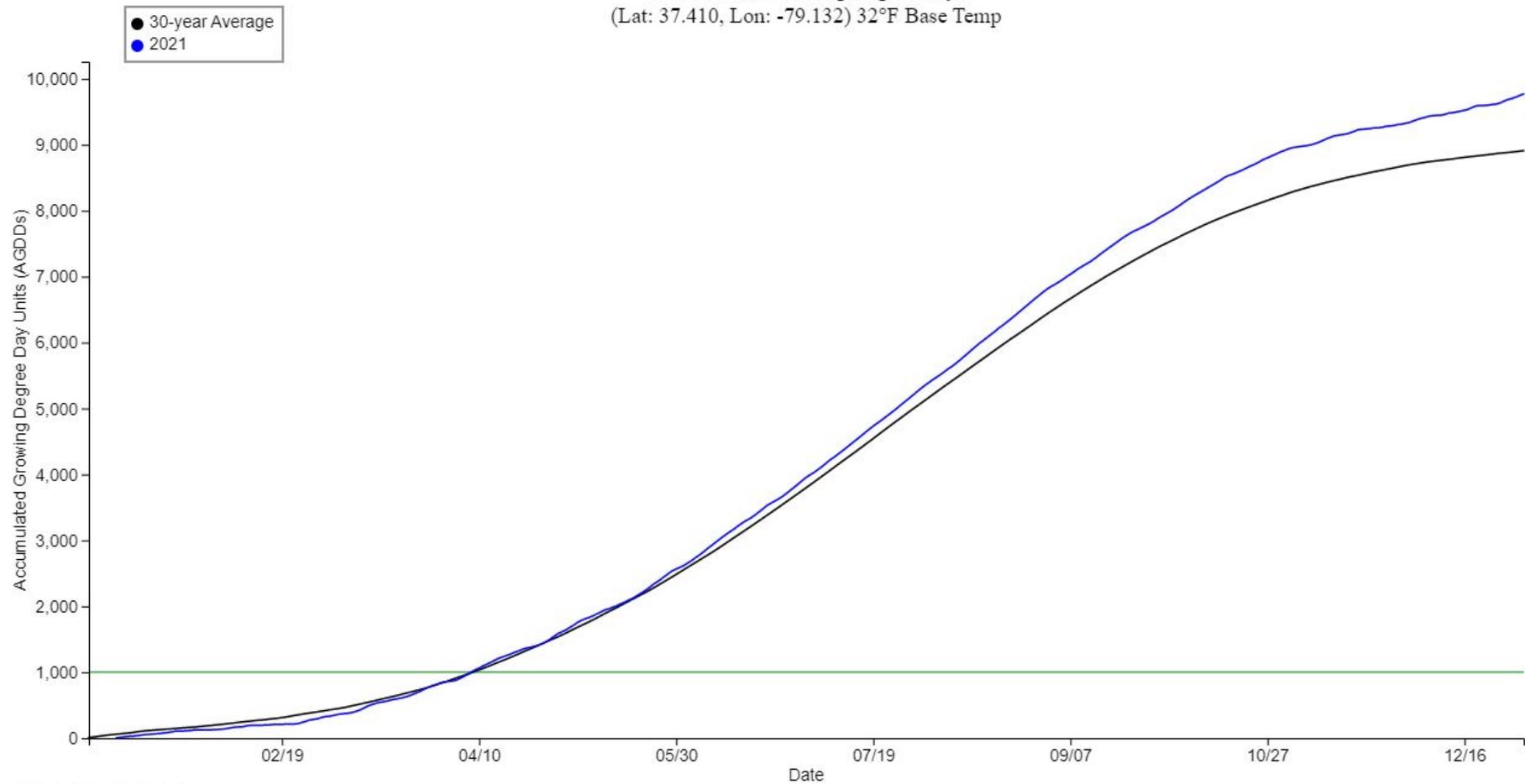
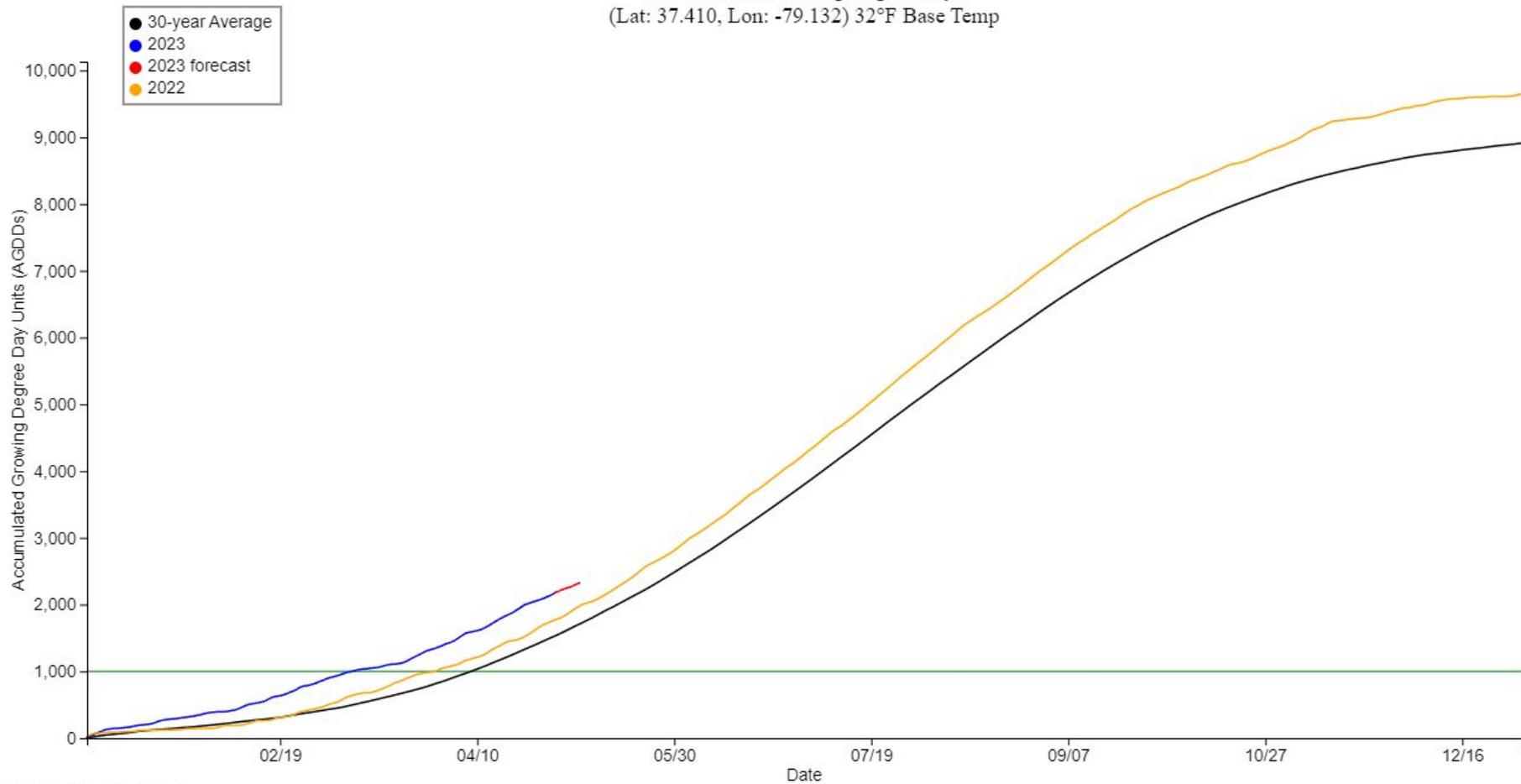


Accumulated Growing Degree Days  
(Lat: 37.410, Lon: -79.132) 32°F Base Temp



Accumulated Growing Degree Days  
(Lat: 37.410, Lon: -79.132) 32°F Base Temp

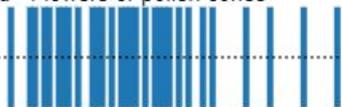


## UL observations only

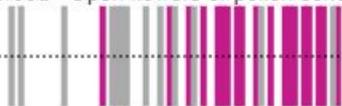
2023: Flowering dogwood - Flowers or pollen cones



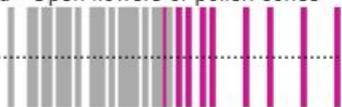
2021: Flowering dogwood - Flowers or pollen cones



2023: Flowering dogwood - Open flowers or pollen cones



2021: Flowering dogwood - Open flowers or pollen cones



**For this and the following graphs:**

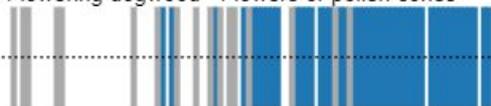
Vertical line = tree observed on that date (thicker lines = multiple trees)

- Colored line: Trait observed
- Gray line: Trait not observed

January February March April May June July August September October November December

# All VA observations

2023: Flowering dogwood - Flowers or pollen cones



2021: Flowering dogwood - Flowers or pollen cones



2023: Flowering dogwood - Open flowers or pollen cones



2021: Flowering dogwood - Open flowers or pollen cones



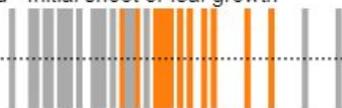
January February March April May June July August September October November December

## UL observations only

2023: Flowering dogwood - Initial shoot or leaf growth



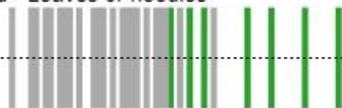
2021: Flowering dogwood - Initial shoot or leaf growth



2023: Flowering dogwood - Leaves or needles



2021: Flowering dogwood - Leaves or needles



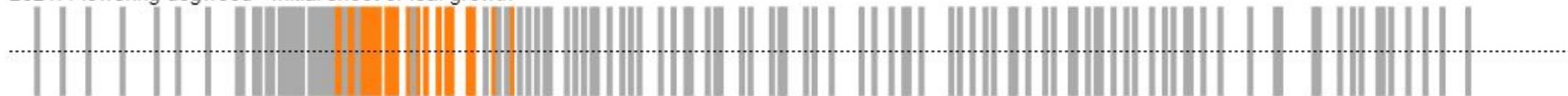
January February March April May June July August September October November December

# All VA observations

2023: Flowering dogwood - Initial shoot or leaf growth



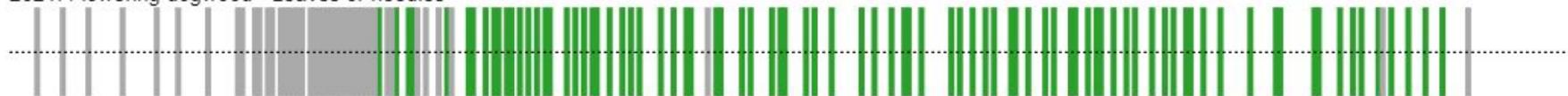
2021: Flowering dogwood - Initial shoot or leaf growth



2023: Flowering dogwood - Leaves or needles



2021: Flowering dogwood - Leaves or needles



January February March April May June July August September October November December

2000 - 2023

- Flowering dogwood/Open flowers or pollen cones ( $R^2$  0.12)
- Flowering dogwood/Leaves or needles ( $R^2$  0.28)

## All VA observations

