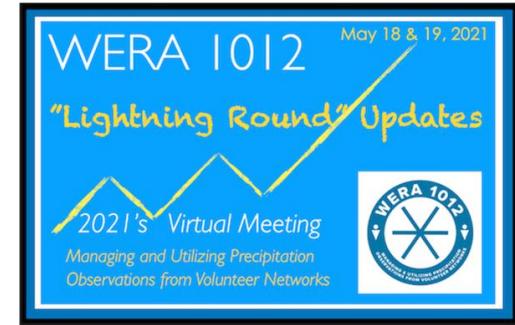


State of the Network - Recruiting/Retention



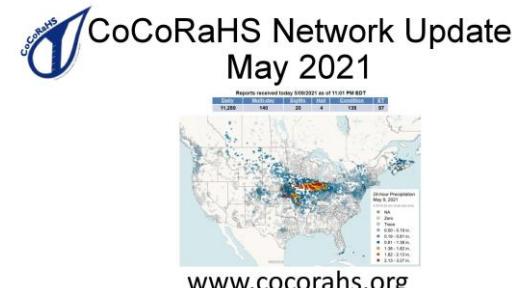
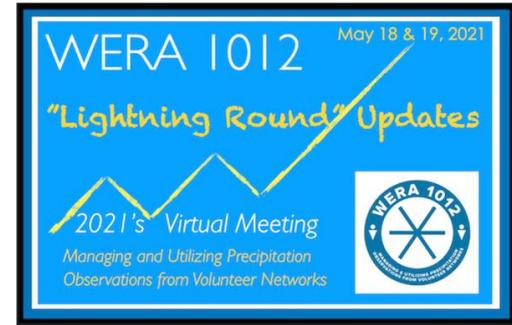


Matt Spies

State Coordinator

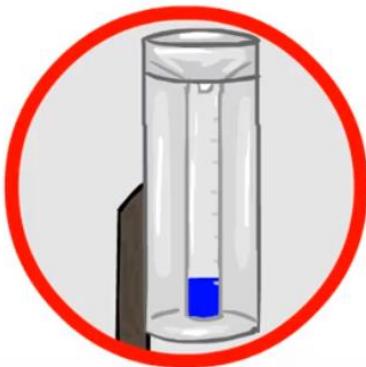
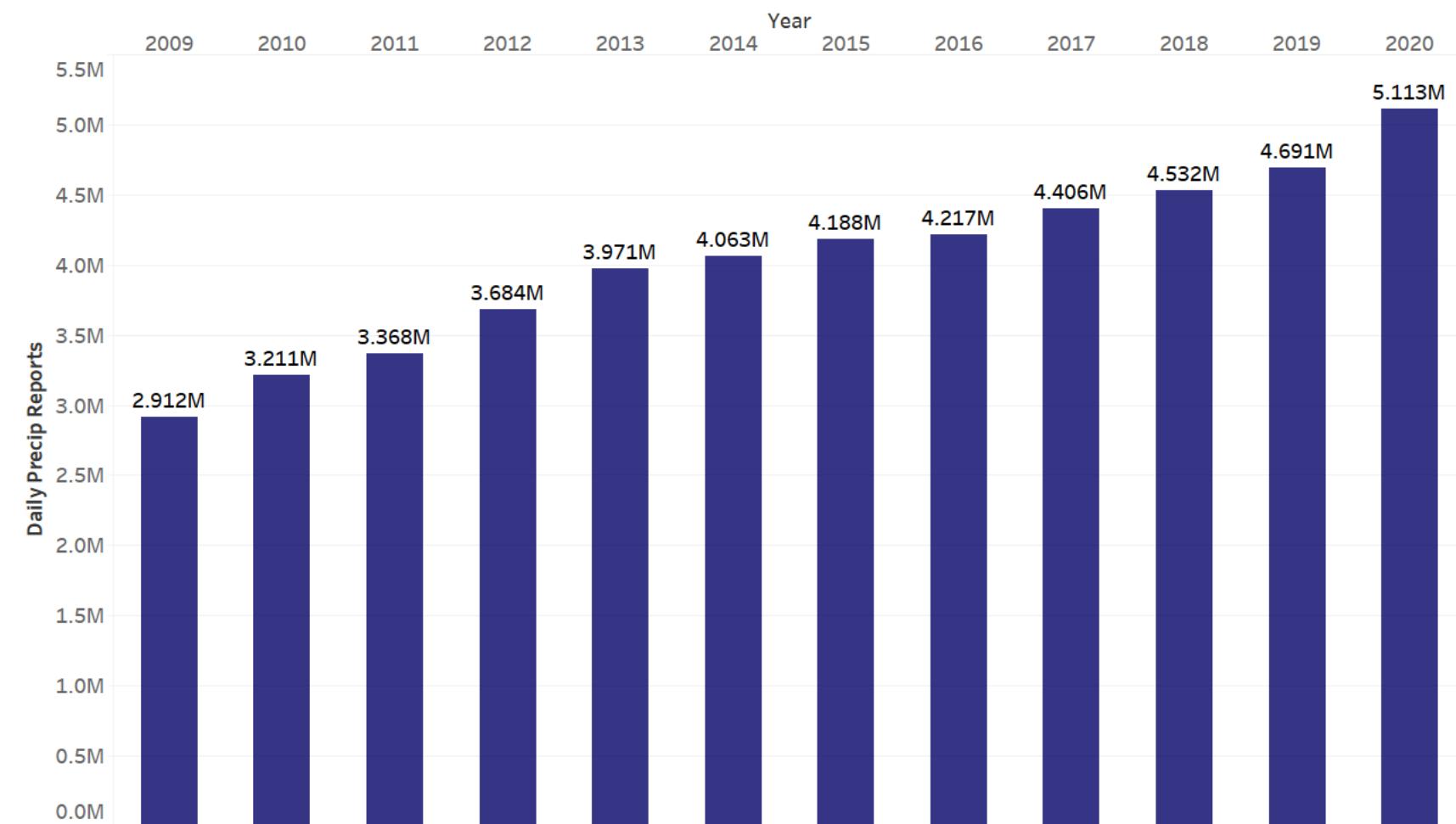
Station CT-FR-9

Brookfield CT





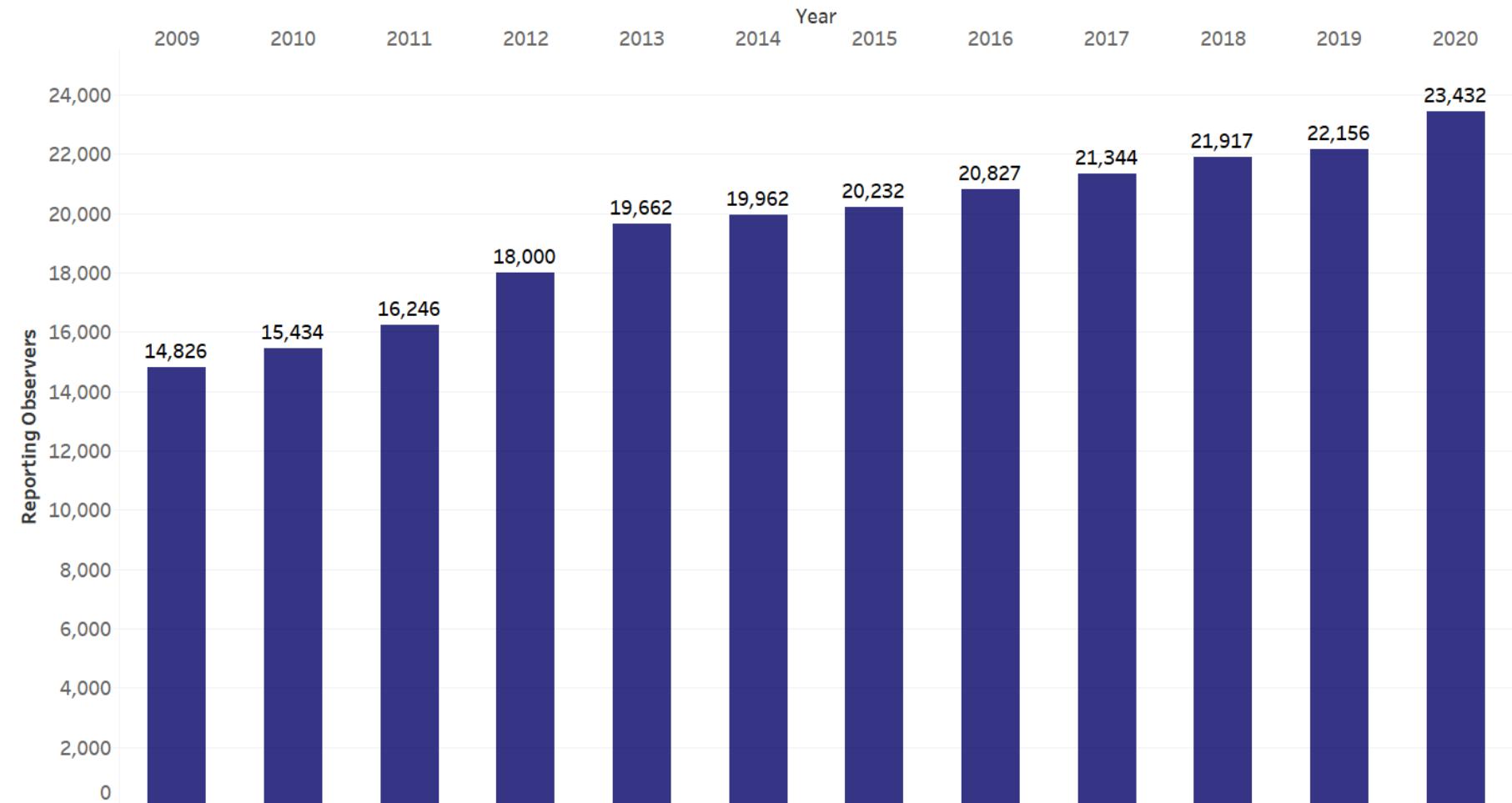
Daily Precip Reports by Year



Daily Precip Reports grew 9.0% in Year 2020. 75% growth in 11 years.

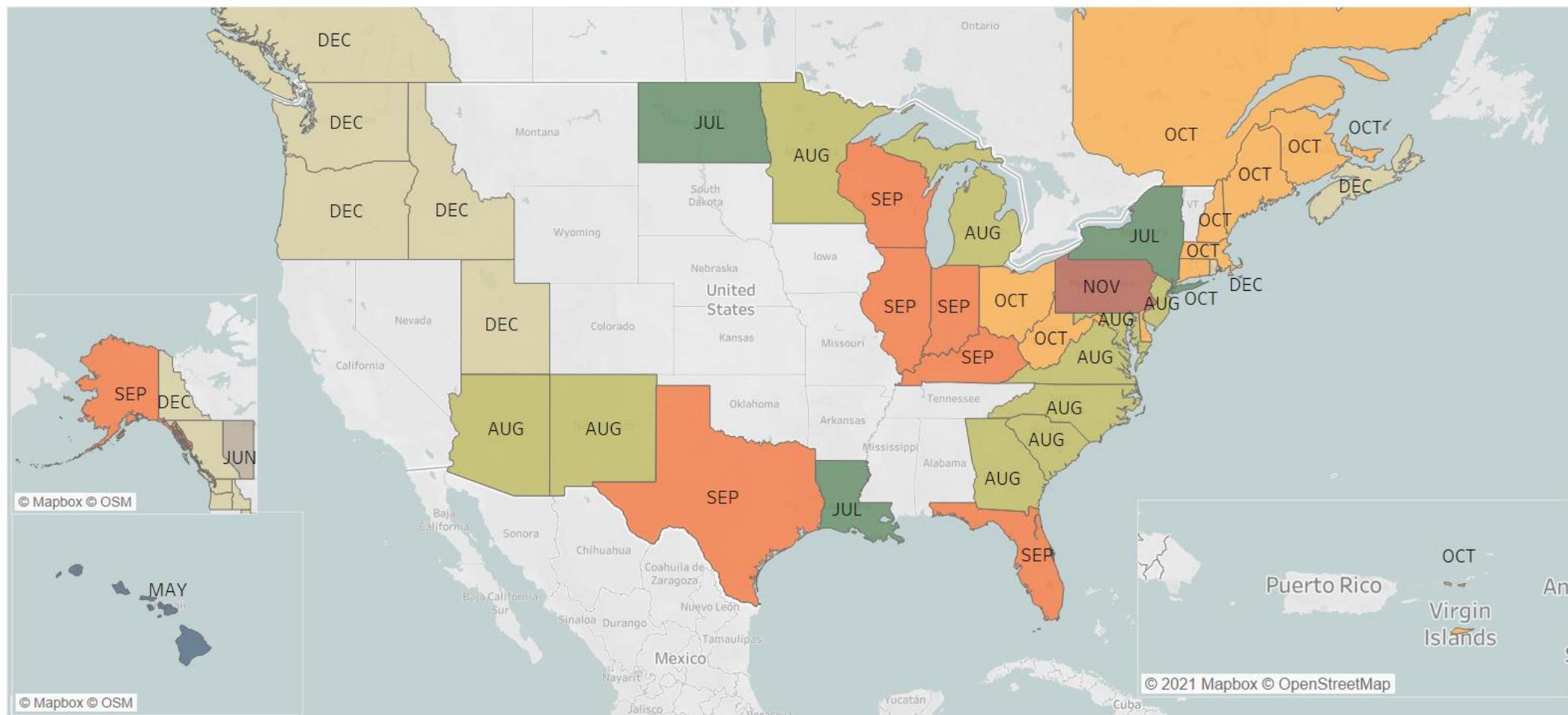


Reporting Observers (source: Daily Precip Summary)



Reporting Observers grew 5.8% in Year 2020. 58% growth in 11 years.

Single Month Reporting Records set in Year 2020. (Daily Reports in a Single Month surpass their highest amount.)



Colored and Labelled by the month of the broken record.

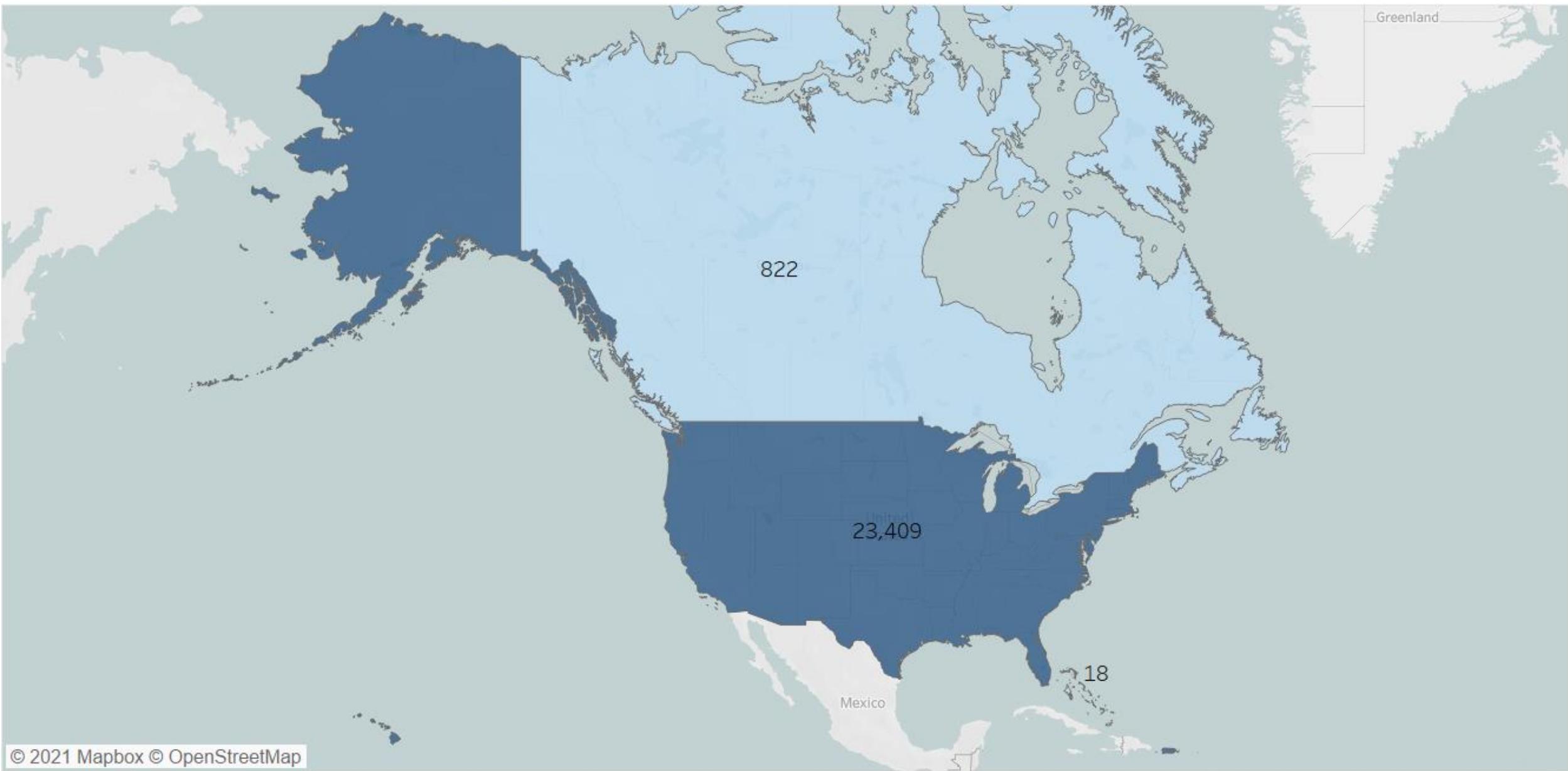


Ground Rules

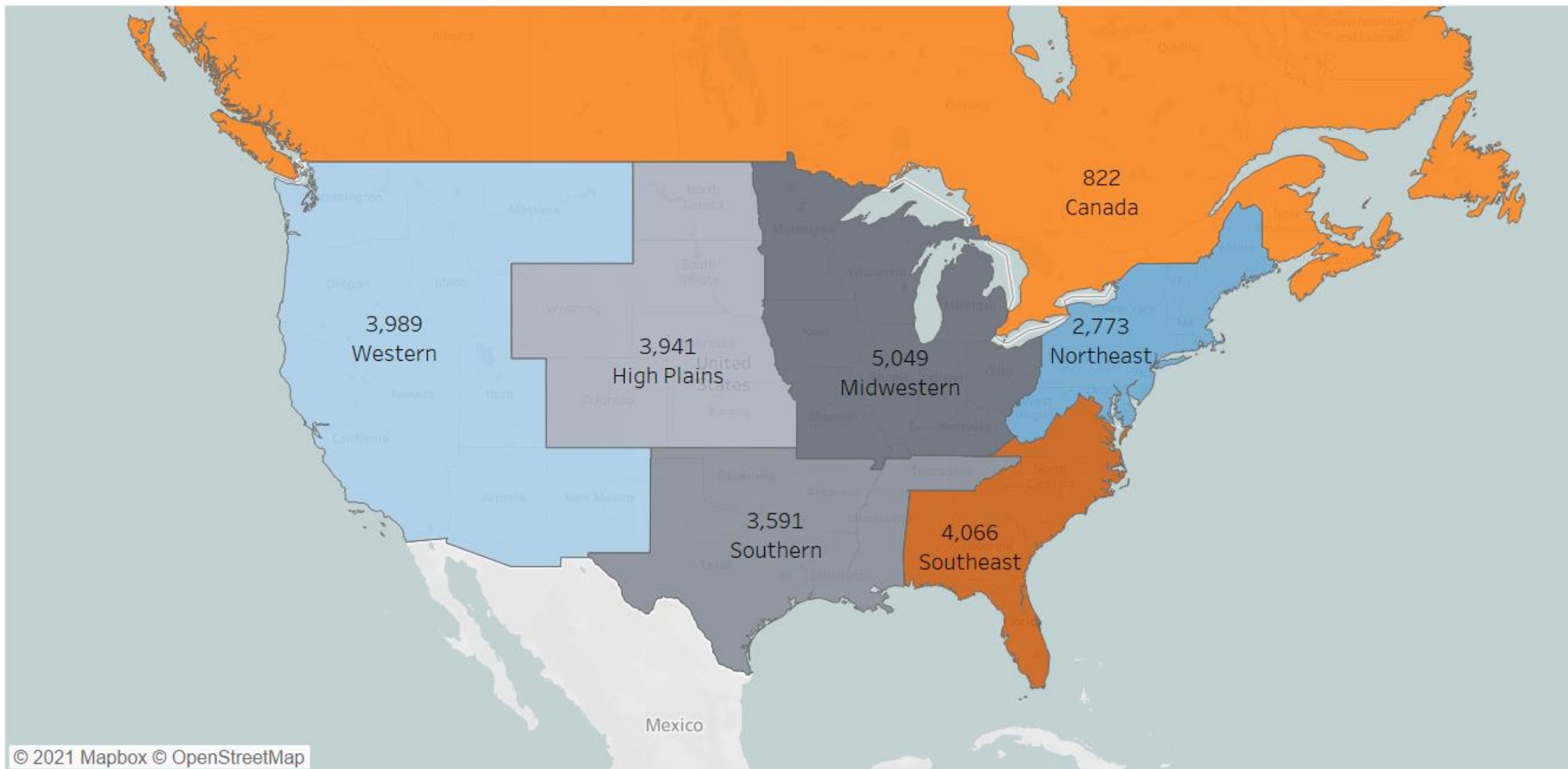


- 28 slides in 10 minutes.
- Entire Network.
- Station History Report used, downloaded on May 2, 2021.
 - Dates: CreationDate, FirstReportDate, LastReportDate
 - DailyObsCount
- Active Station is one where Last Report Date \geq May 2, 2020.
- **24,249 Active Stations**
 - USA – 23,409 Active Stations
 - Canada – 822 Active Stations
 - Bahamas – 18 Active Stations
- Plenty of maps.
 - Be ready to spot your favorite locale(s)... and write down numbers... quickly.

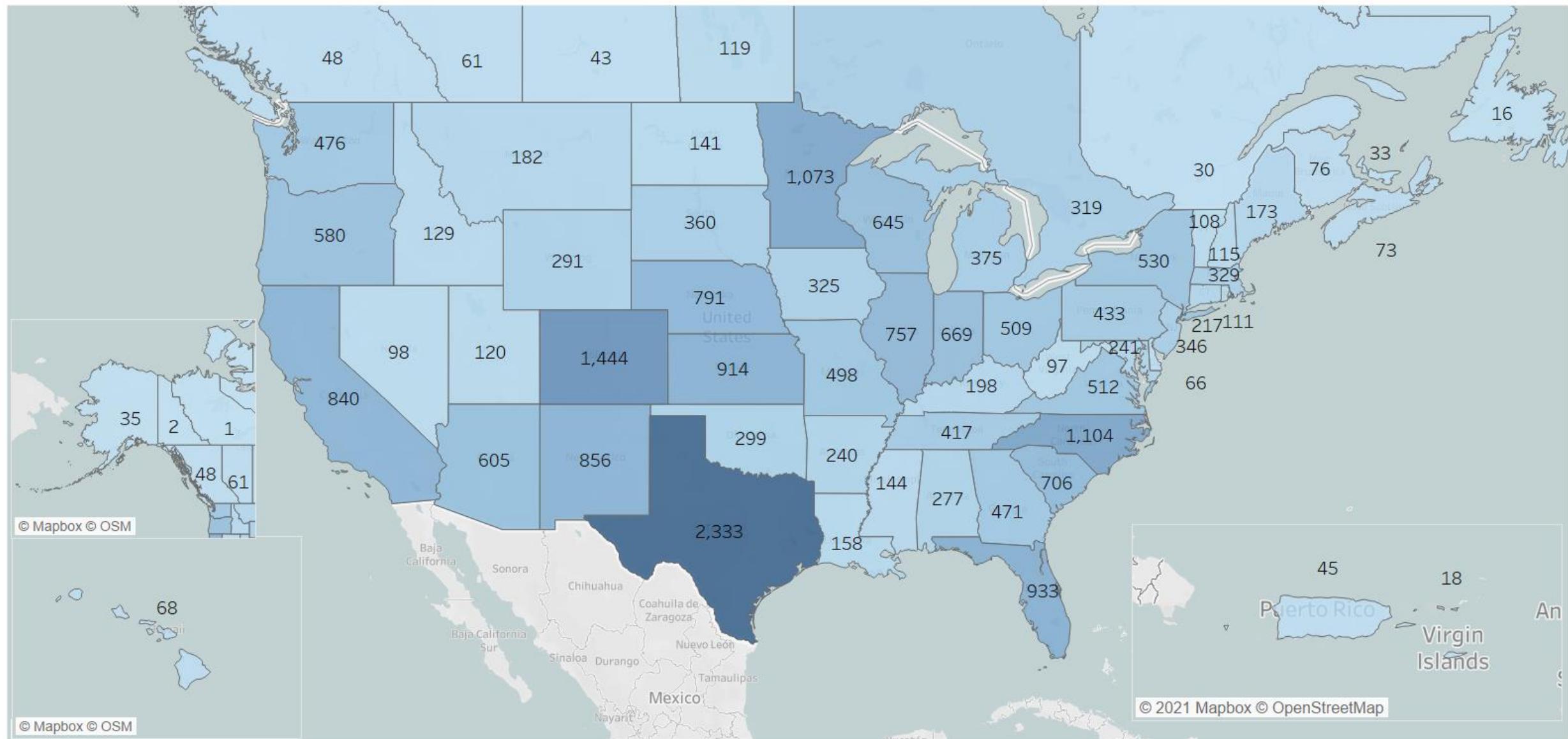
Active Stations as of May 2, 2021



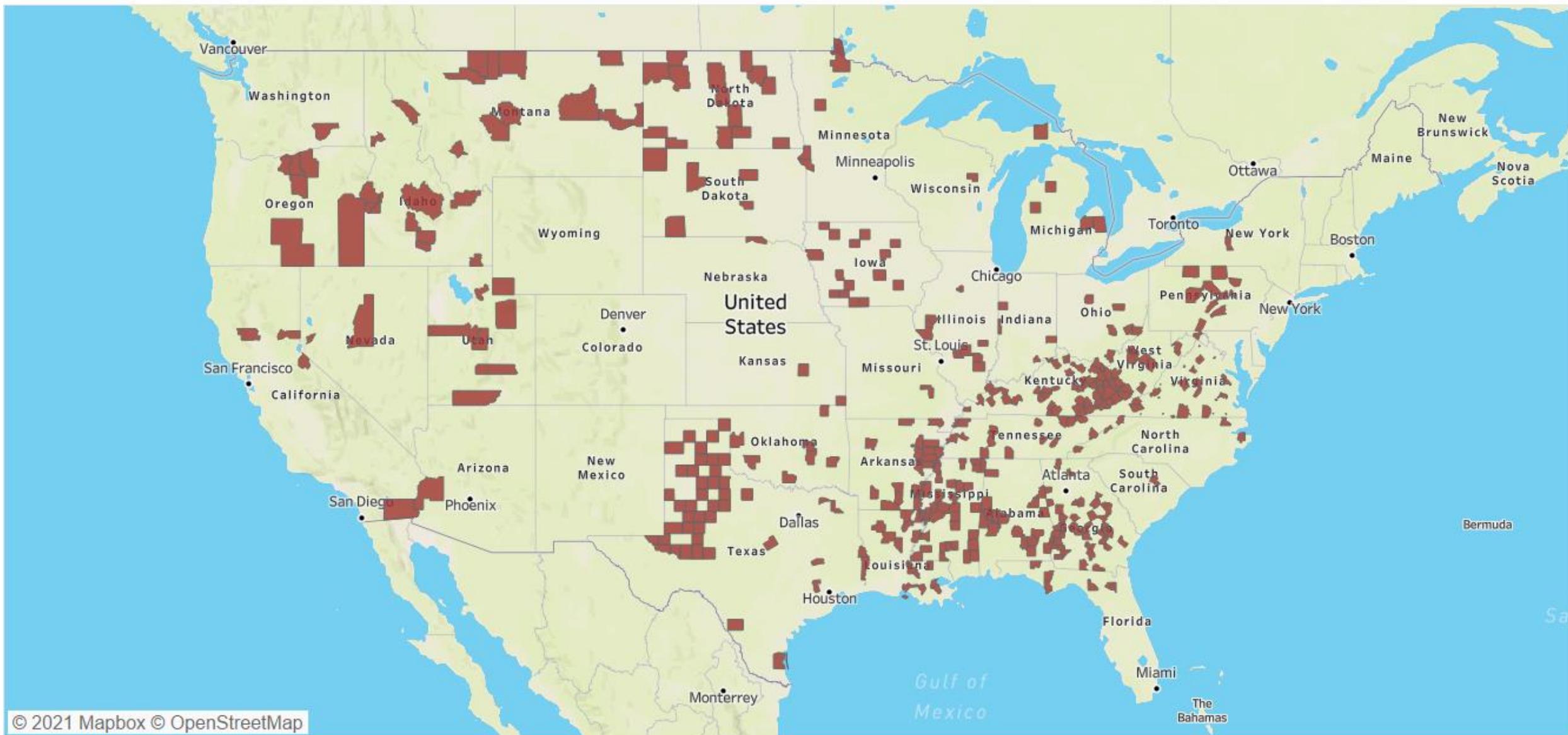
Active Stations as of May 2, 2021



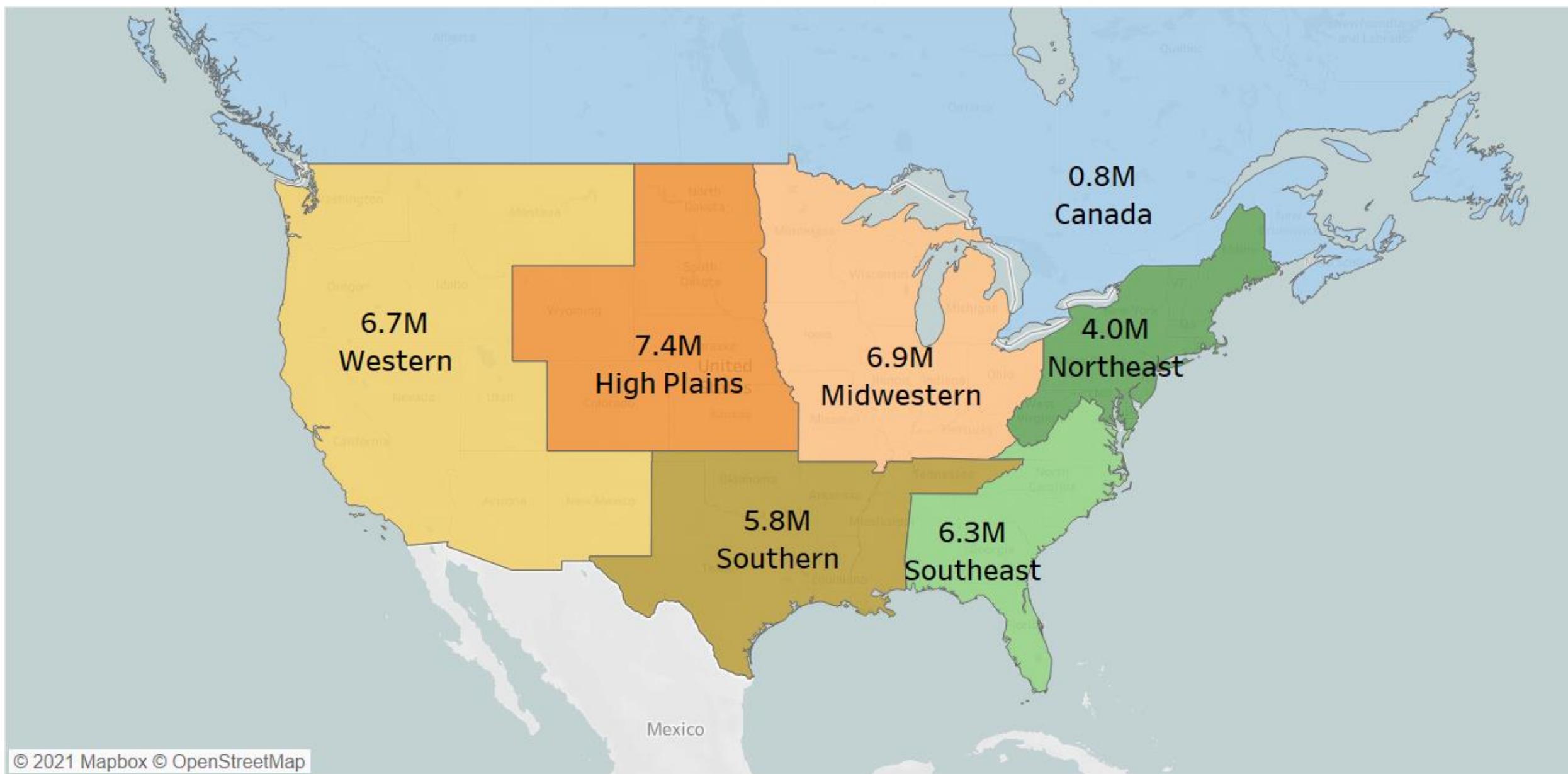
Active Stations as of May 2, 2021



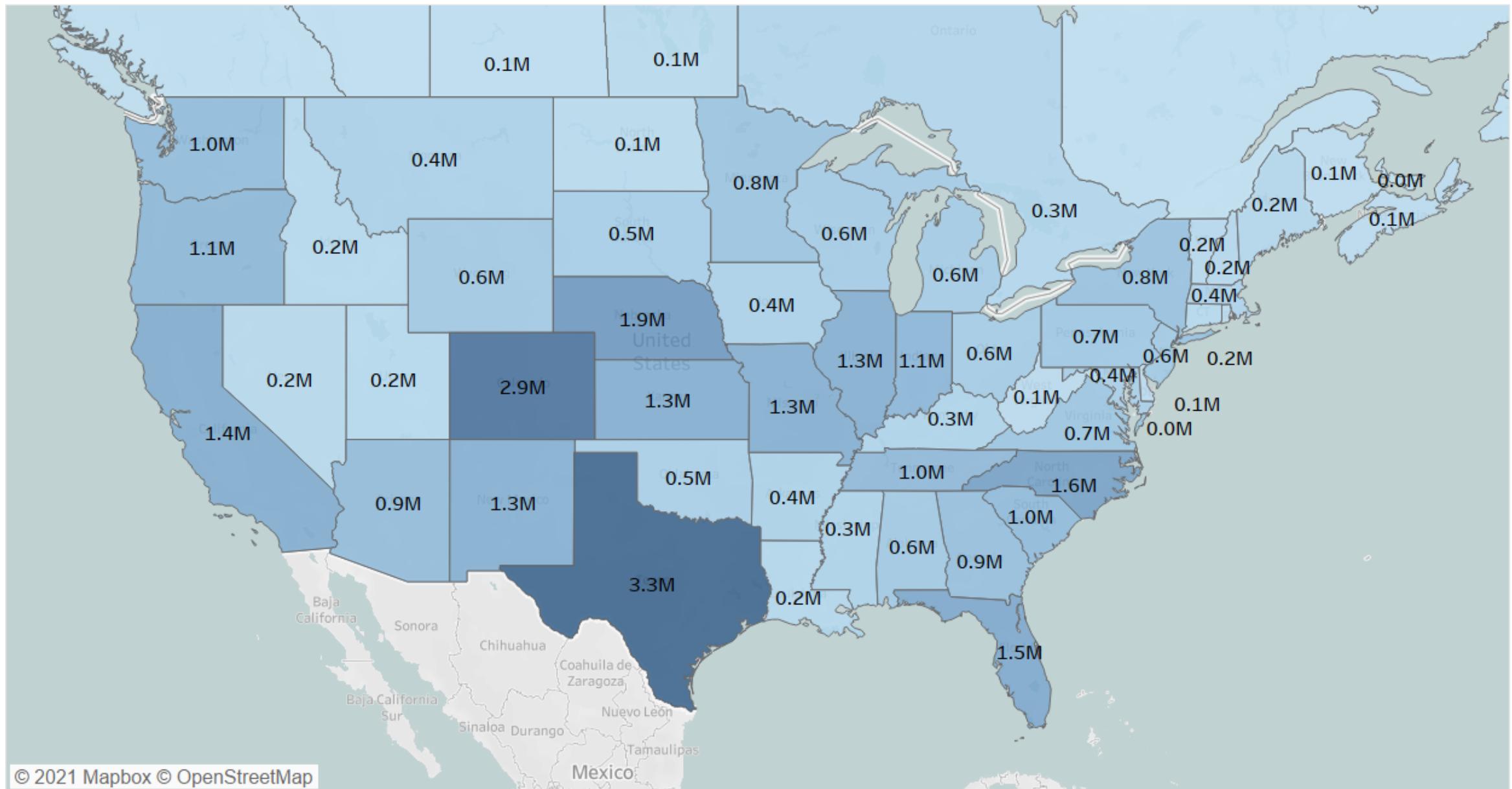
Counties where zero observers have reported between May 3, 2020 - May 2, 2021.
430 counties (no PR)



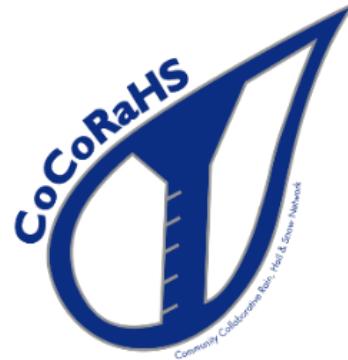
The Summation of ALL of the DailyObsCounts for ALL of Active Stations as of May 2, 2021



The Summation of ALL of the DailyObsCounts for ALL of Active Stations as of May 2, 2021



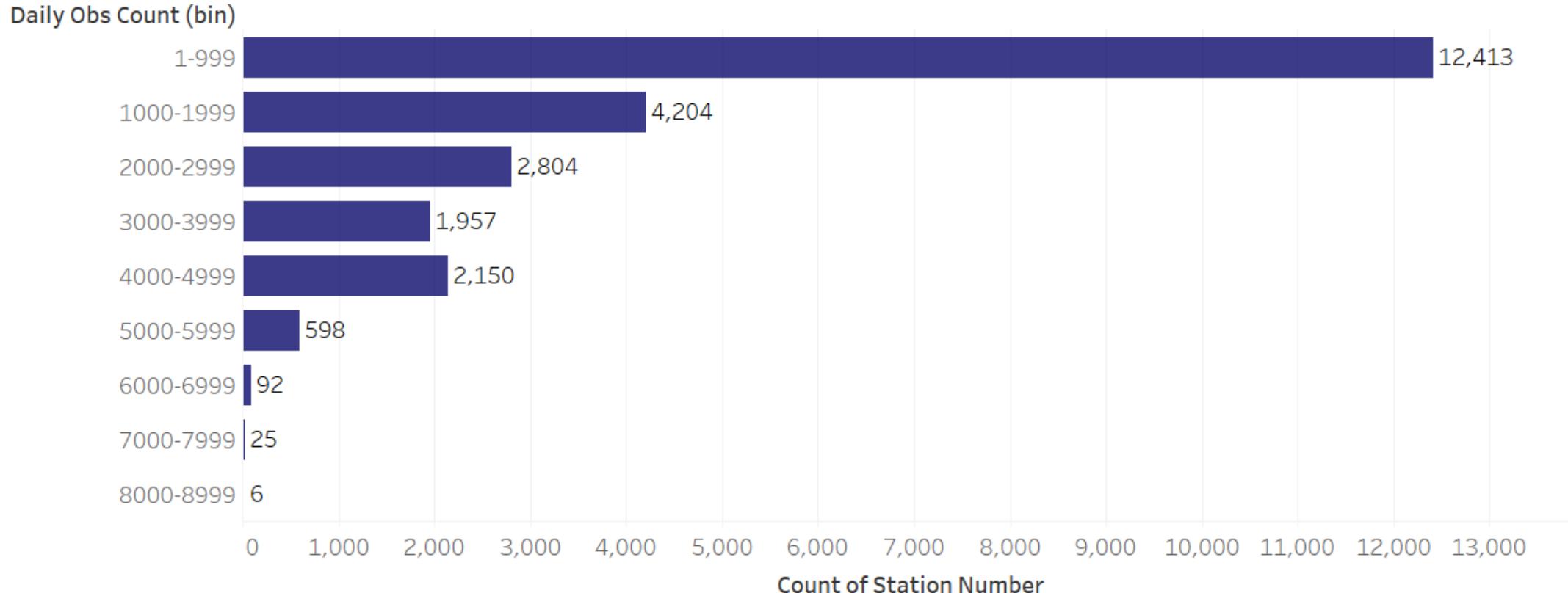
37.8M of our ~55M Daily Obs records (68%) belong to current Active Observers.



24,249 Active Stations by DailyObsCount



Bins of Daily Obs Counts on our Active Stations as of May 2, 2021

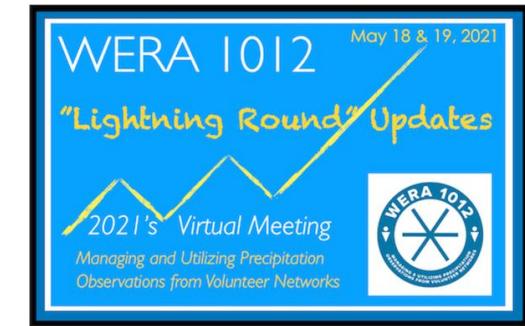
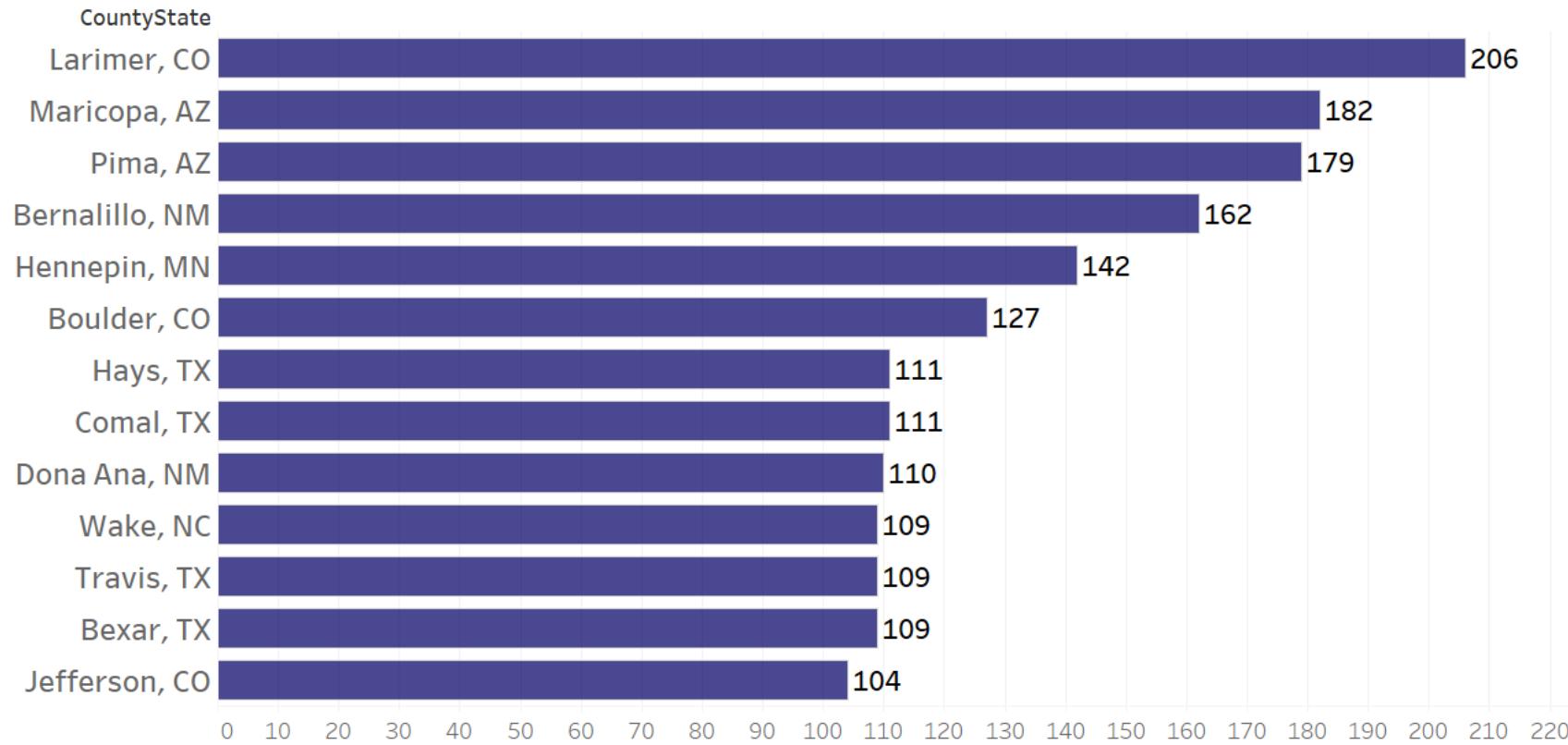


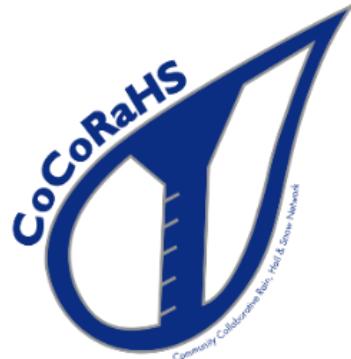
About half of our Active Stations have more/less than 1000 DailyObs



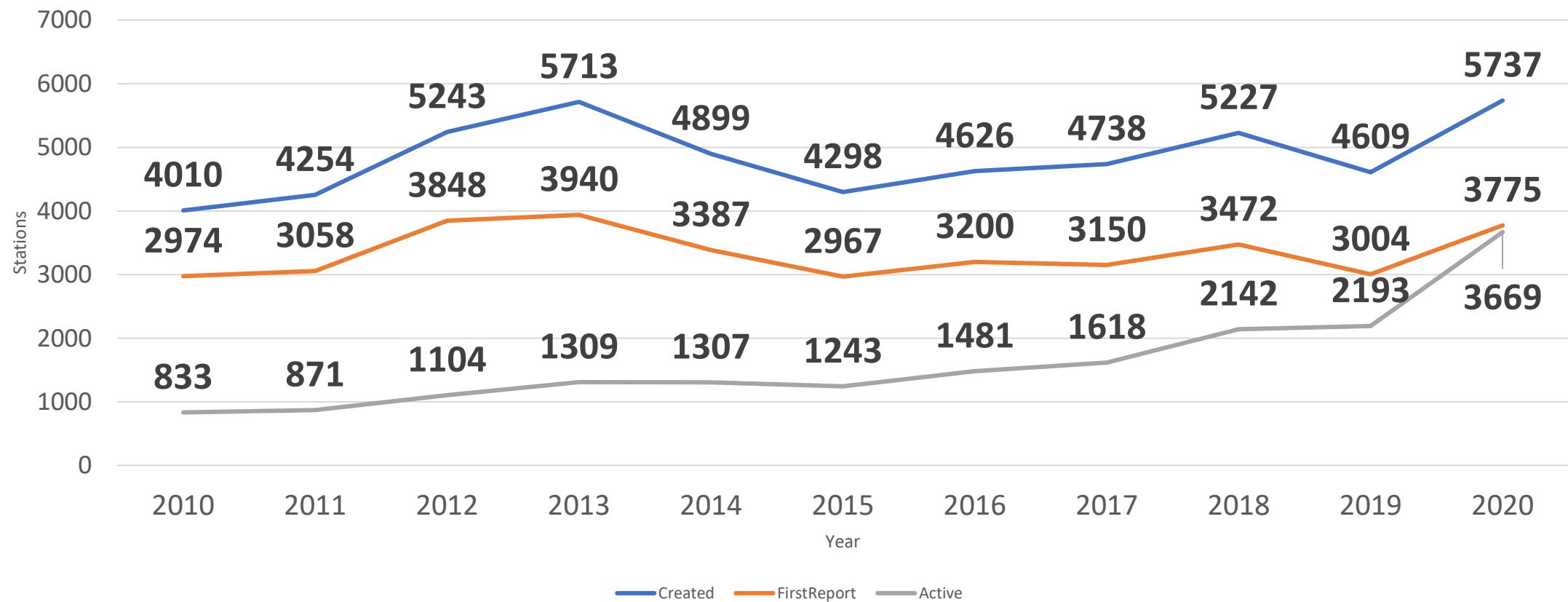
The Century Club

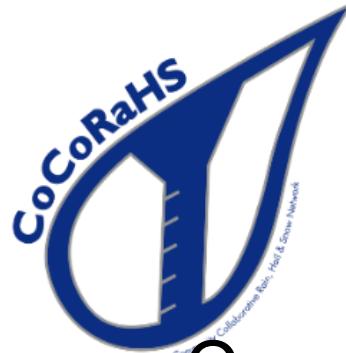
Counties with 100 or more Active Observers as of May 2, 2021





Stations: Created – FirstReport - Active



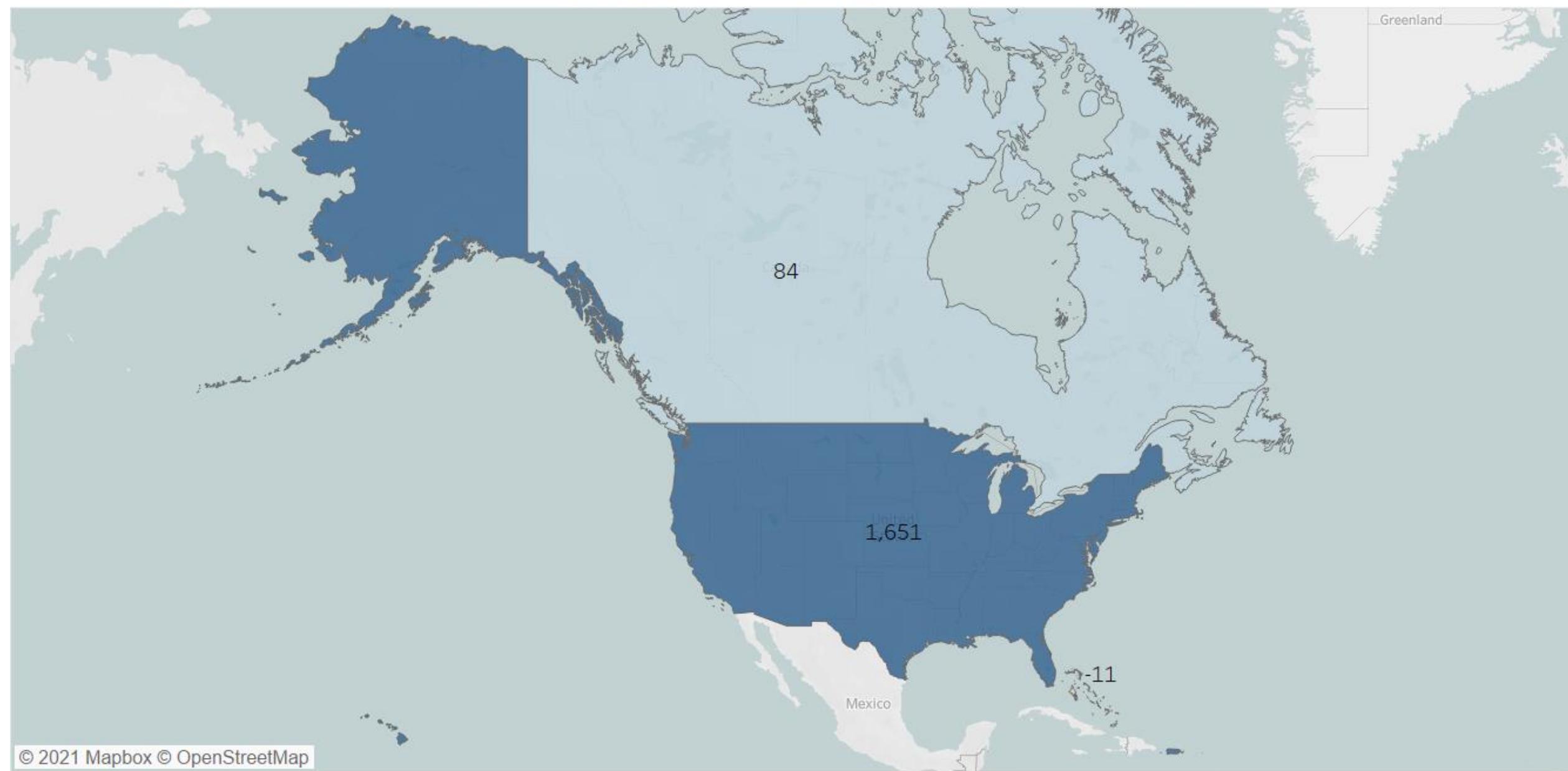


Between 2 snapshots

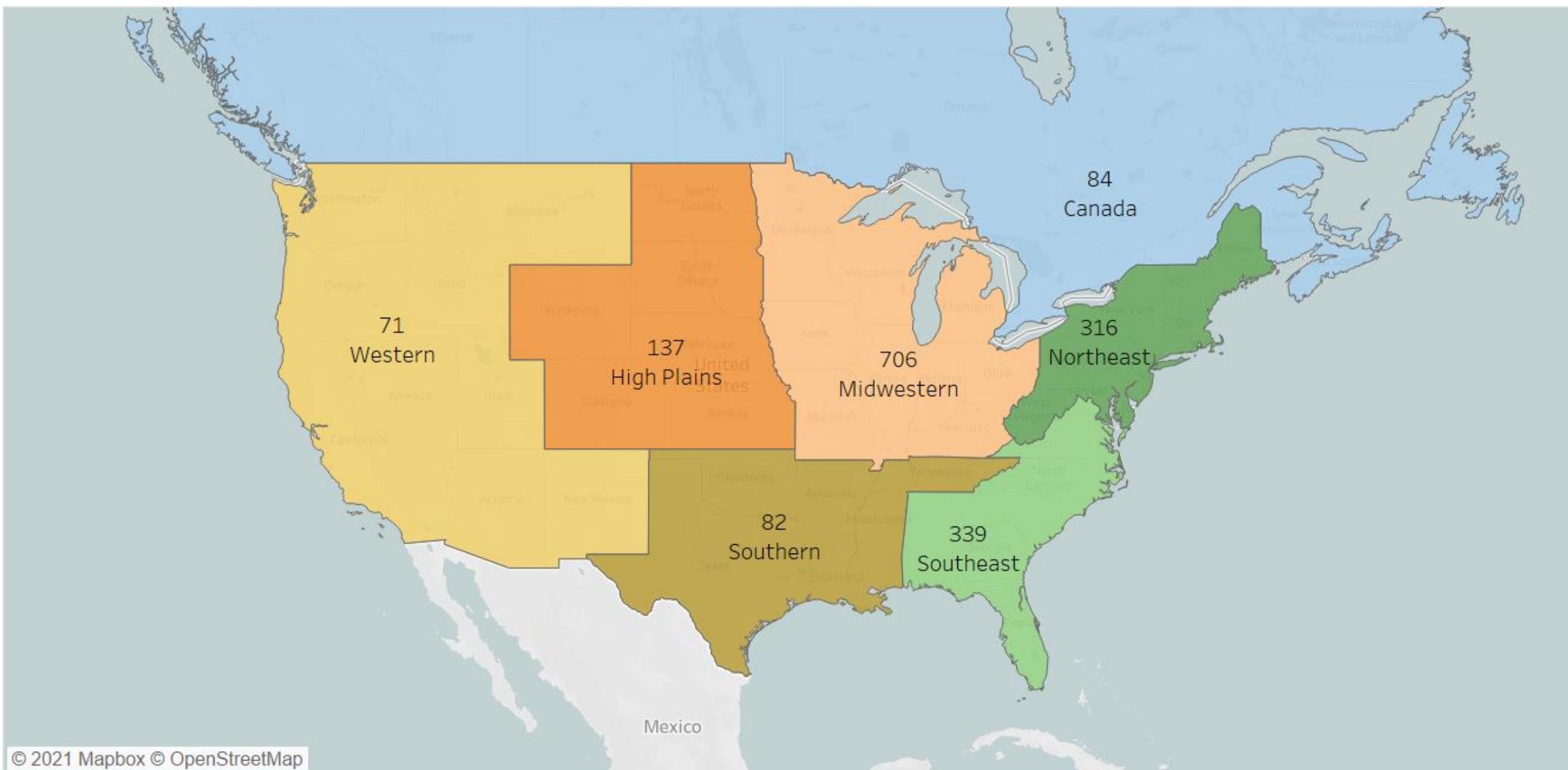


- Compare Station History Report from May 3, 2020 and May 2, 2021
- On May 3, 2020, we had 22,525 Active Stations.
- On May 2, 2021, we had **24,249** Active Stations.
- A Net Change of 1,724 Stations
 - USA – 1,651 Stations
 - Canada – 84 Stations
 - Bahamas – -11 Stations
- More maps on Net Change.

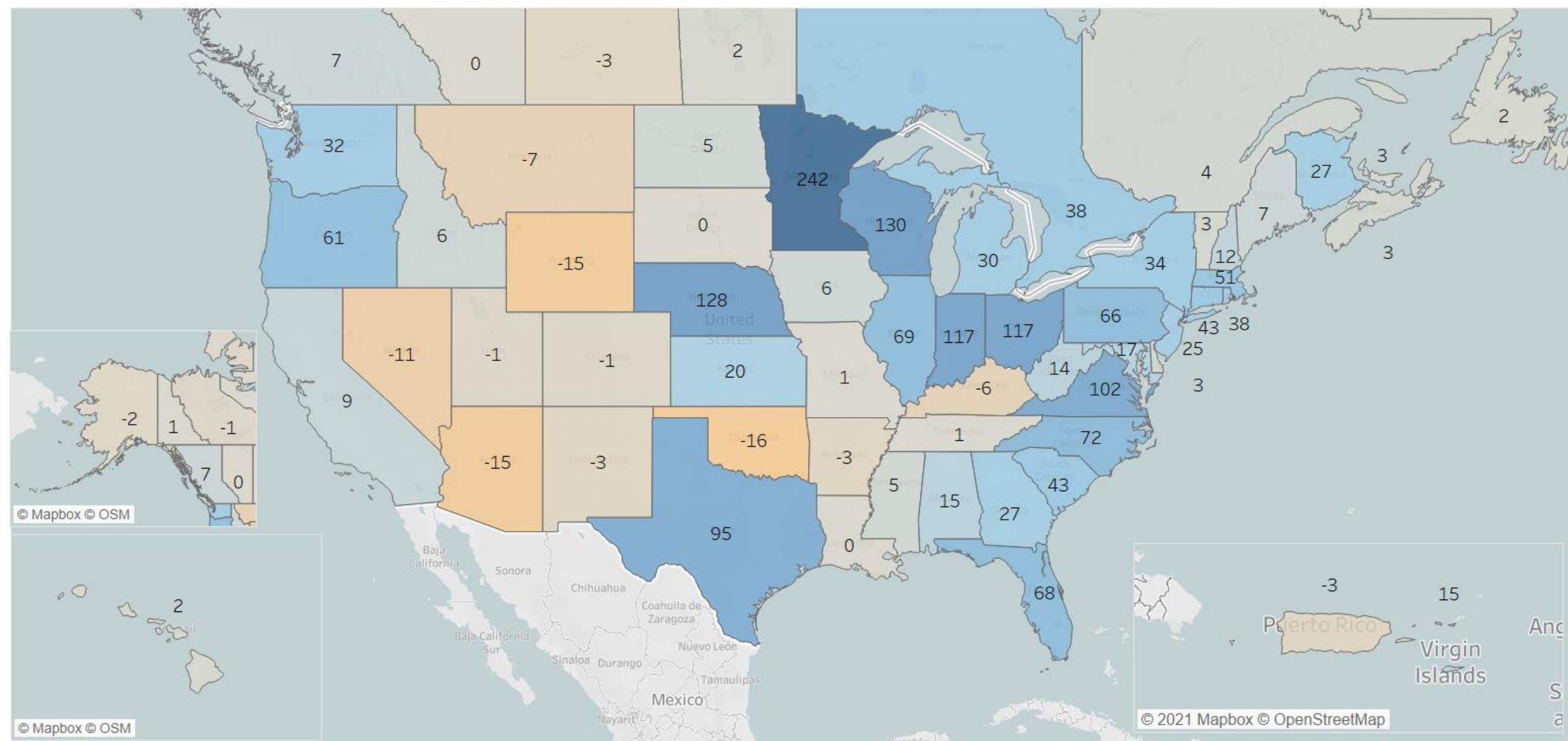
Net Change in Stations between May 3, 2020 - May 2, 2021



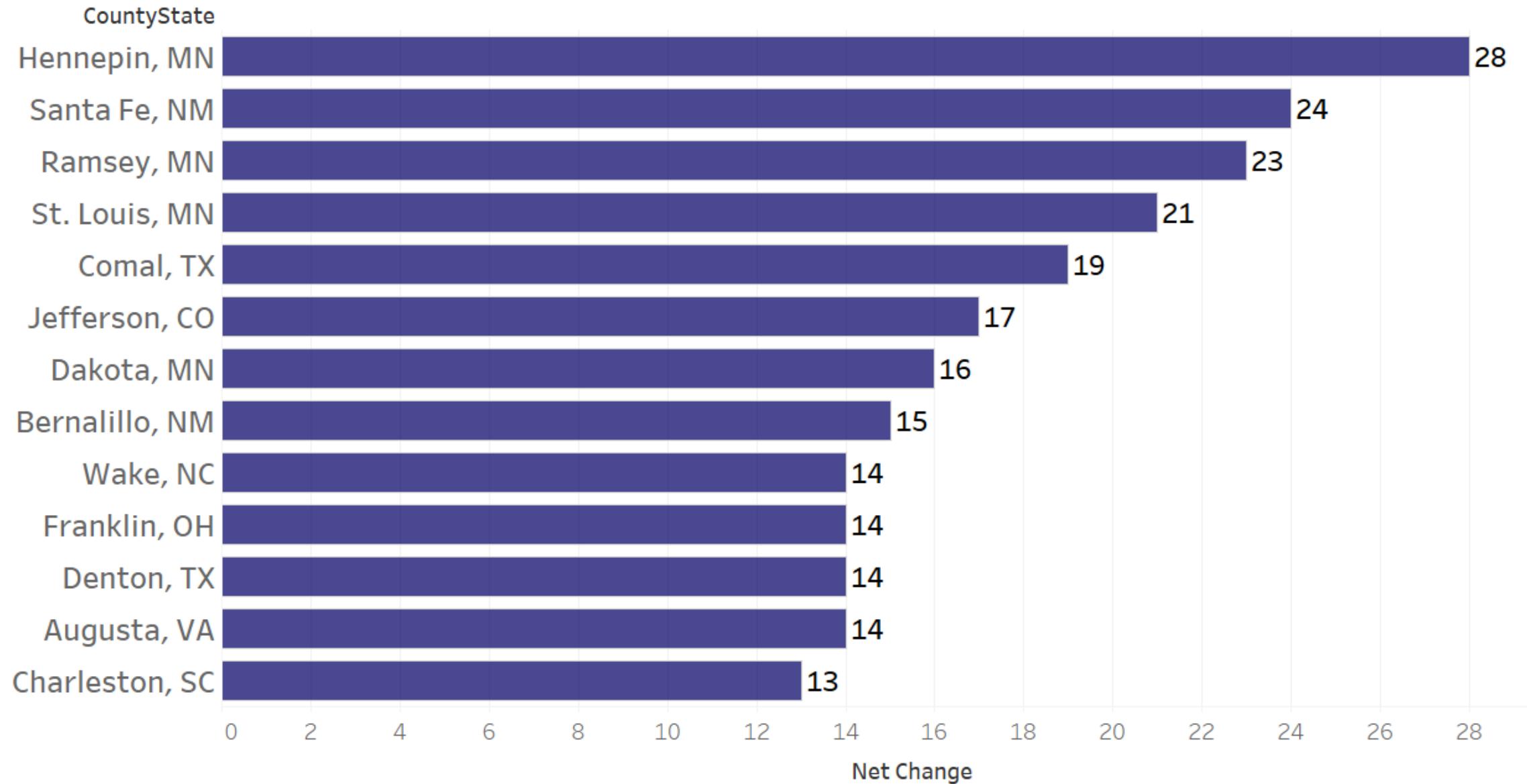
Net Change in Stations between May 3, 2020 - May 2, 2021



Net Change in Stations between May 3, 2020 - May 2, 2021

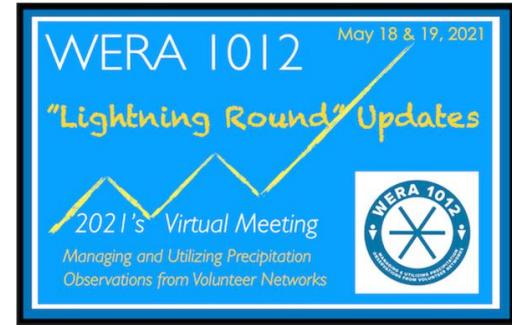


Top 15 Counties of Net Change in Stations between May 3, 2020 - May 2, 2021

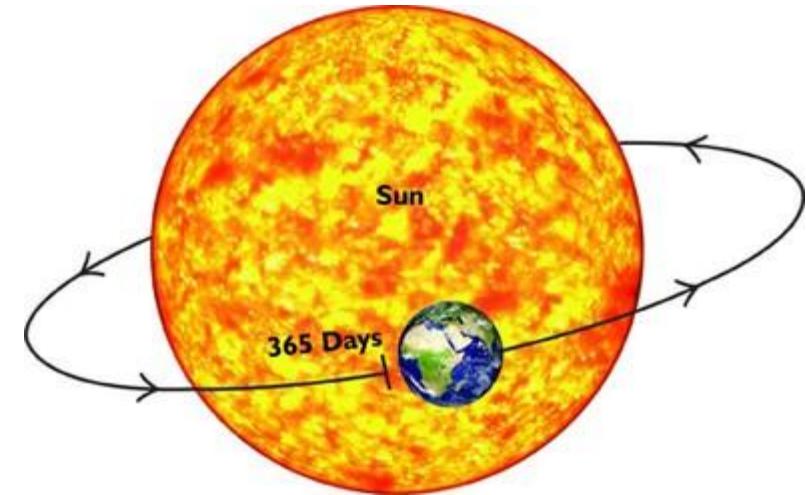




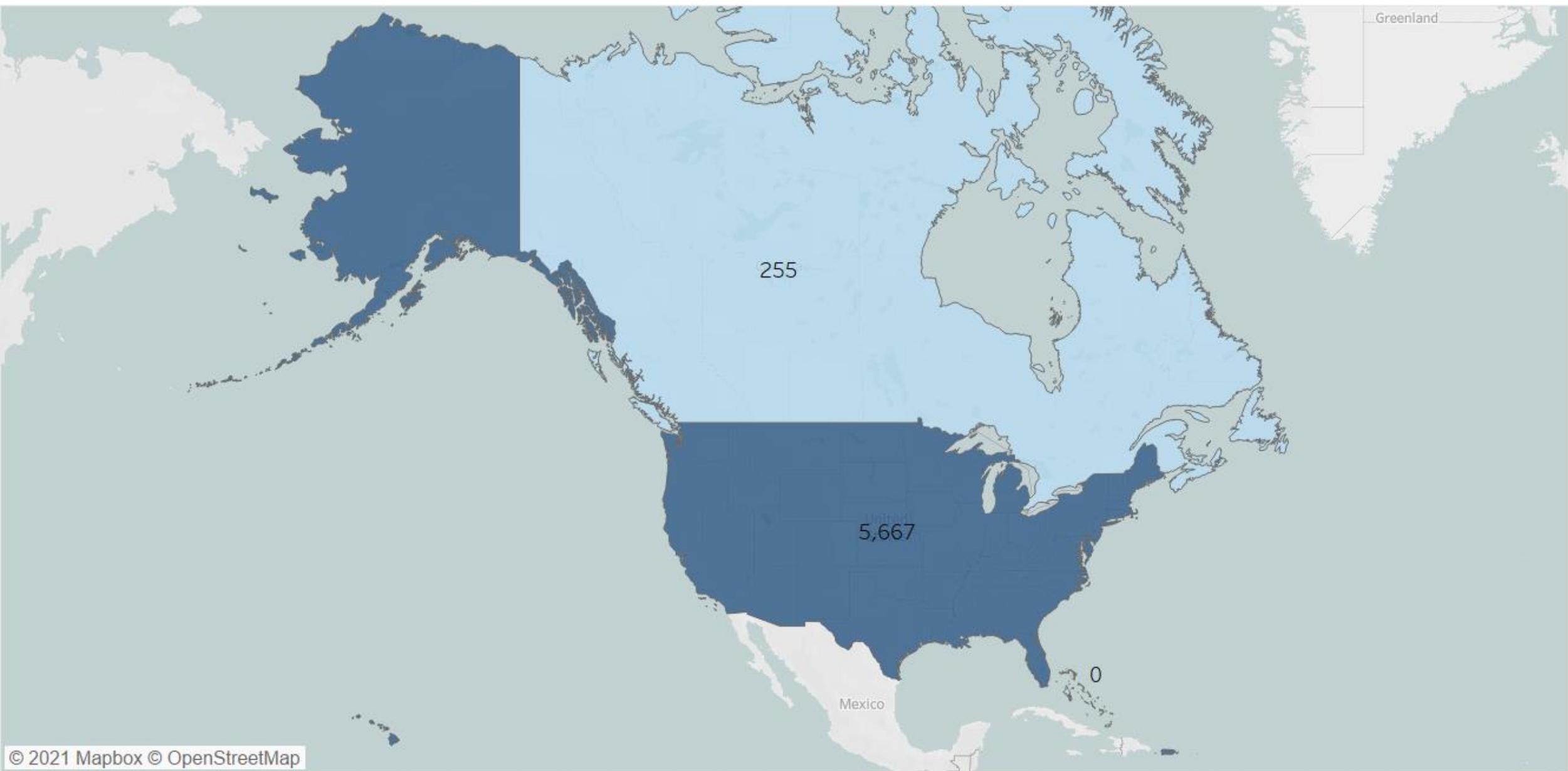
A look at the past 12 months



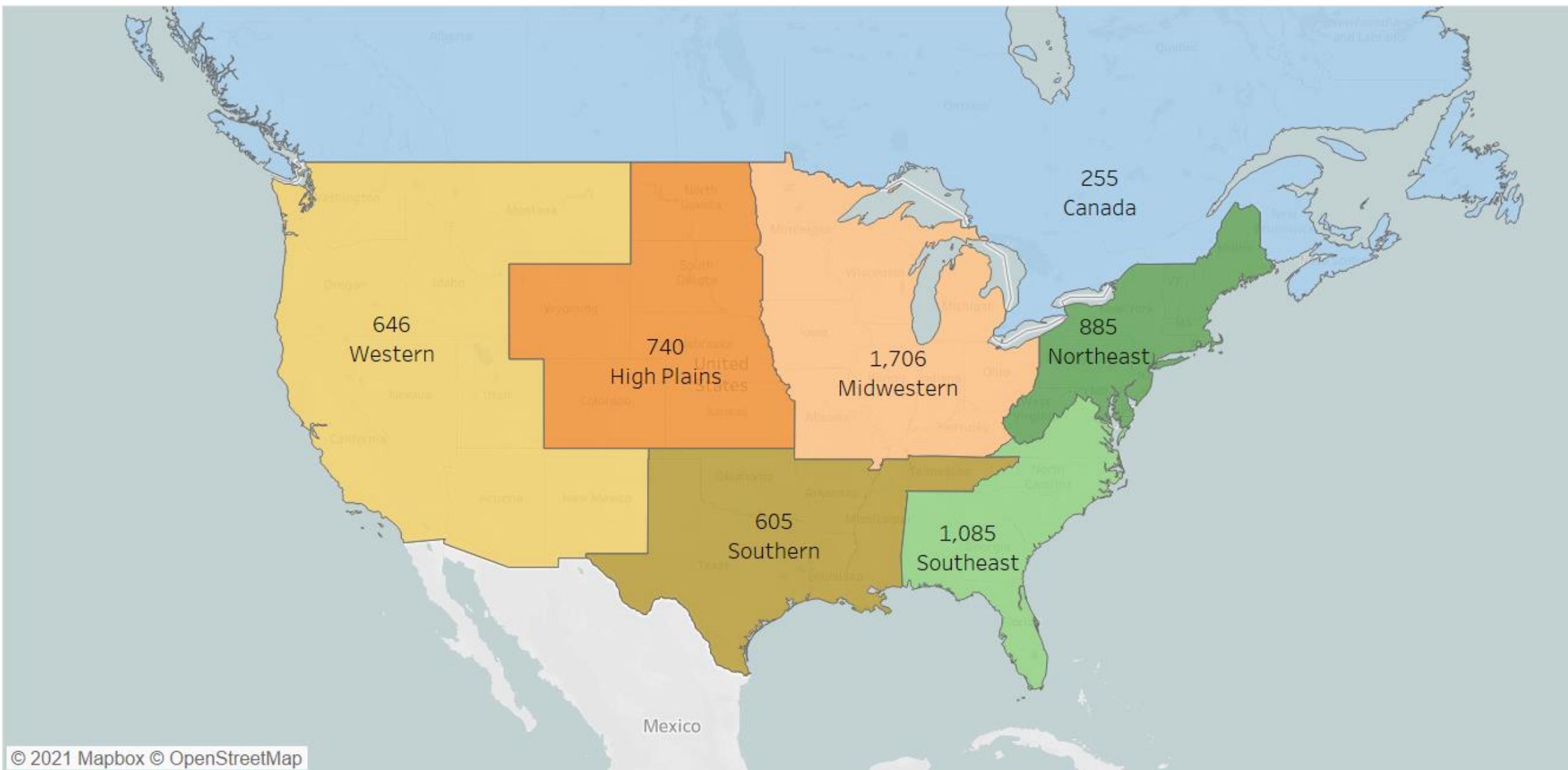
- Between May 3, 2020 and May 2, 2021.
- Created 5,922 Stations
 - USA – 5,667 Stations
 - Canada - 255 Stations
 - Bahamas - 0 Stations
- Where did we create new stations?



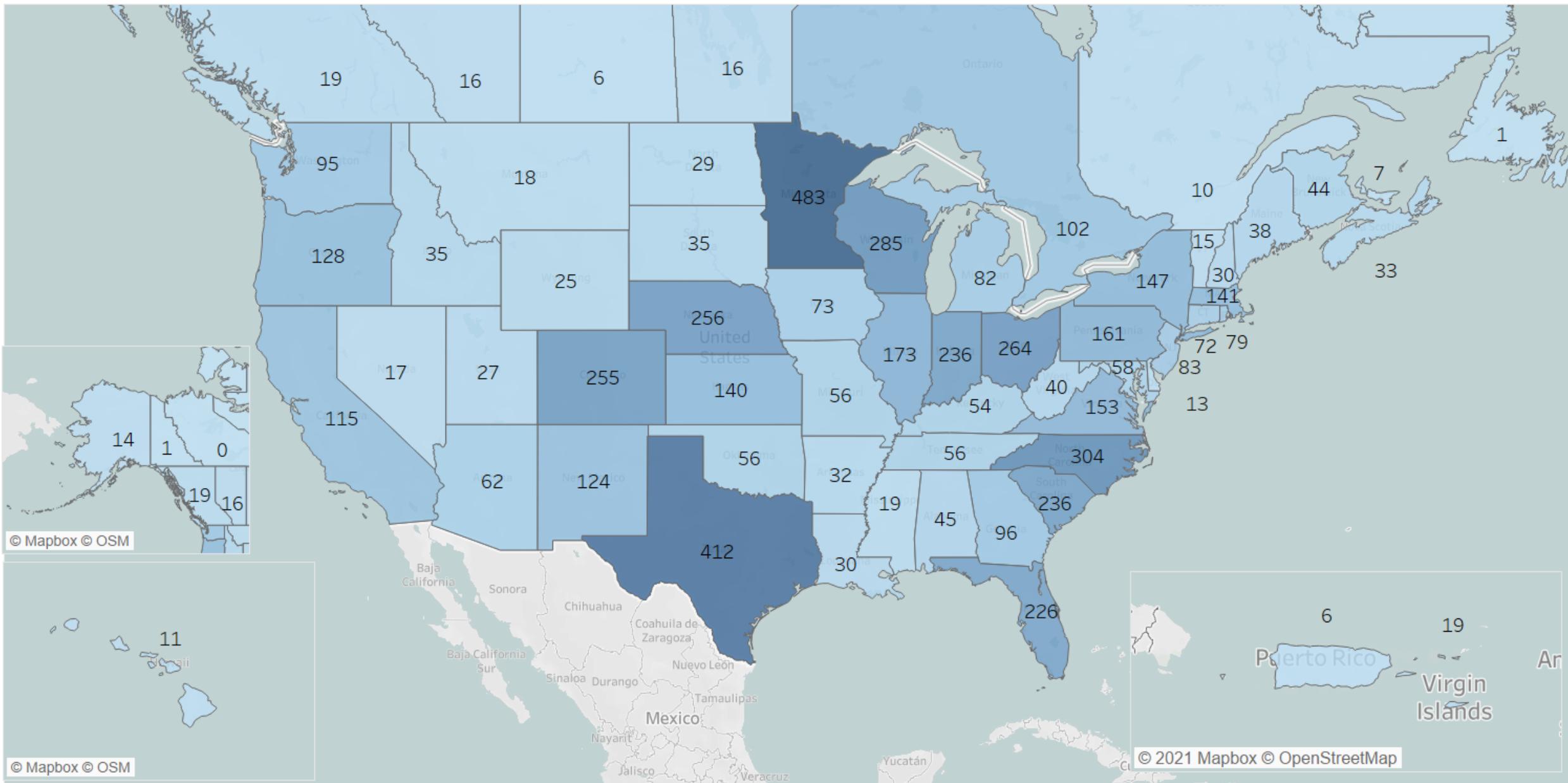
Created Stations between May 3, 2020 - May 2, 2021



Created Stations between May 3, 2020 - May 2, 2021

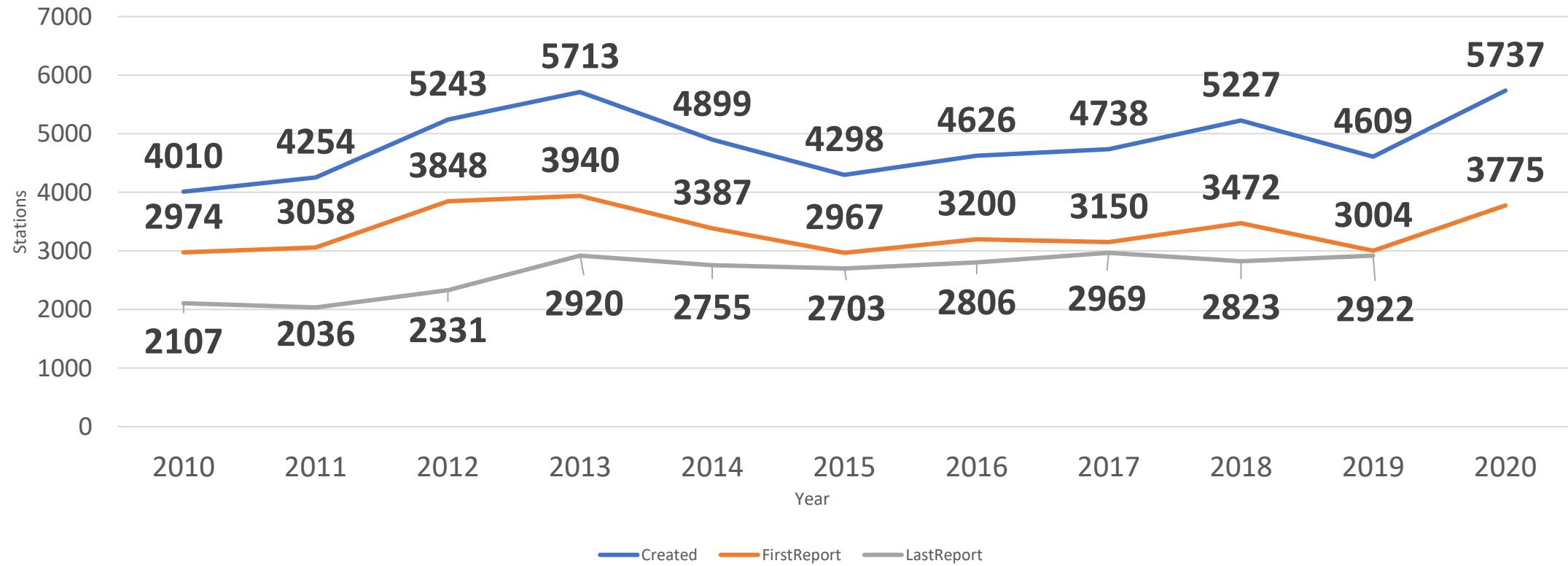


Created Stations between May 3, 2020 - May 2, 2021



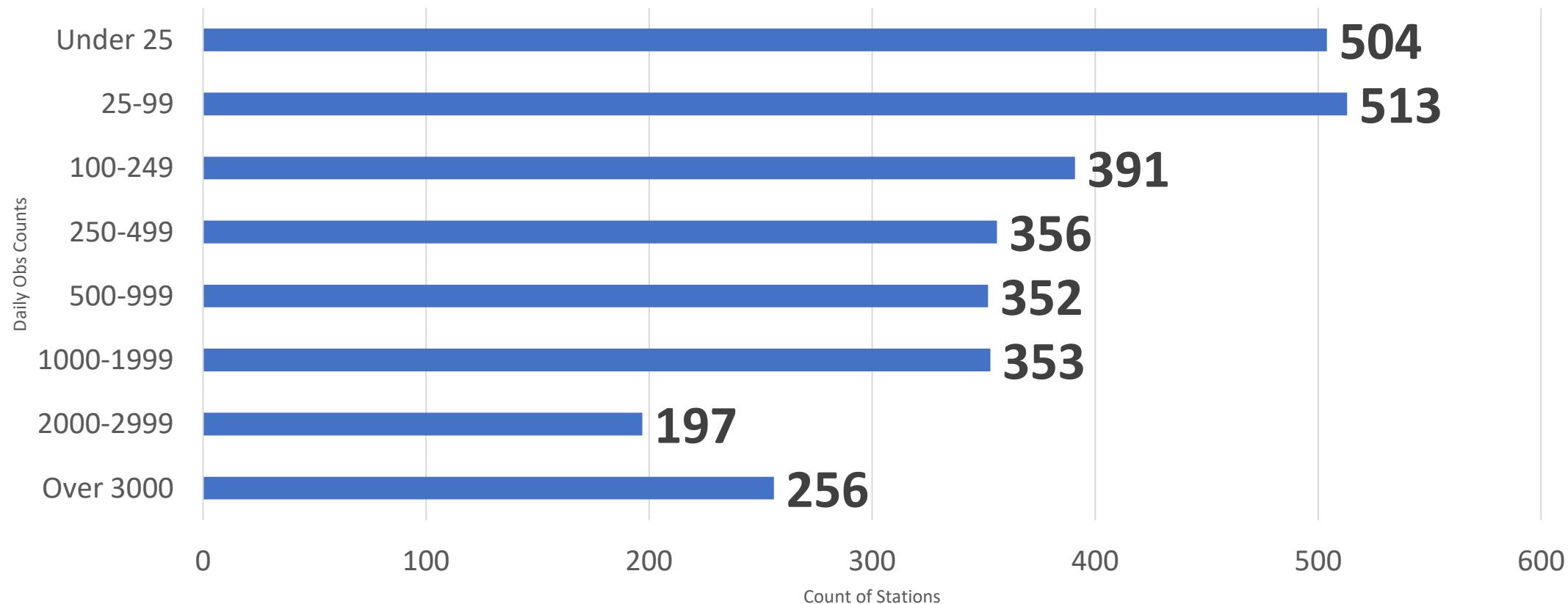


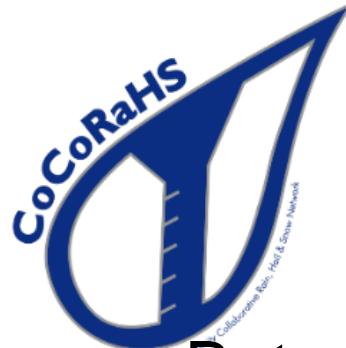
Stations: Created – FirstReport – LastReport



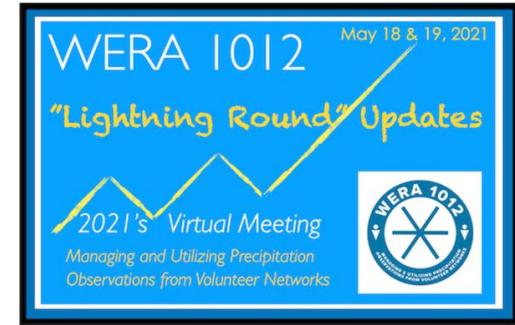


2,922 Stations where LastReportDate = Year 2019

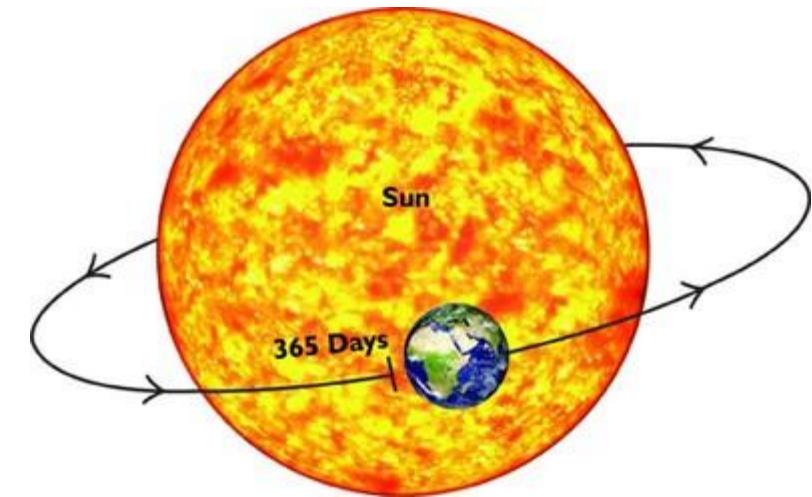




A look at the past 12 months



- Between May 3, 2020 and May 2, 2021.
- Created 5,922 Stations
 - USA – 5,667 Stations
 - Canada - 255 Stations
 - Bahamas - 0 Stations
- FirstReports from 3,687 Stations
 - USA – 3,526 Stations
 - Canada - 161 Stations
 - Bahamas - 0 Stations
- A Net Change of 1,724 Stations
 - USA – 1,651 Stations
 - Canada – 84 Stations
 - Bahamas – -11 Stations





Thank You

Get outside and
take in the
sunshine.