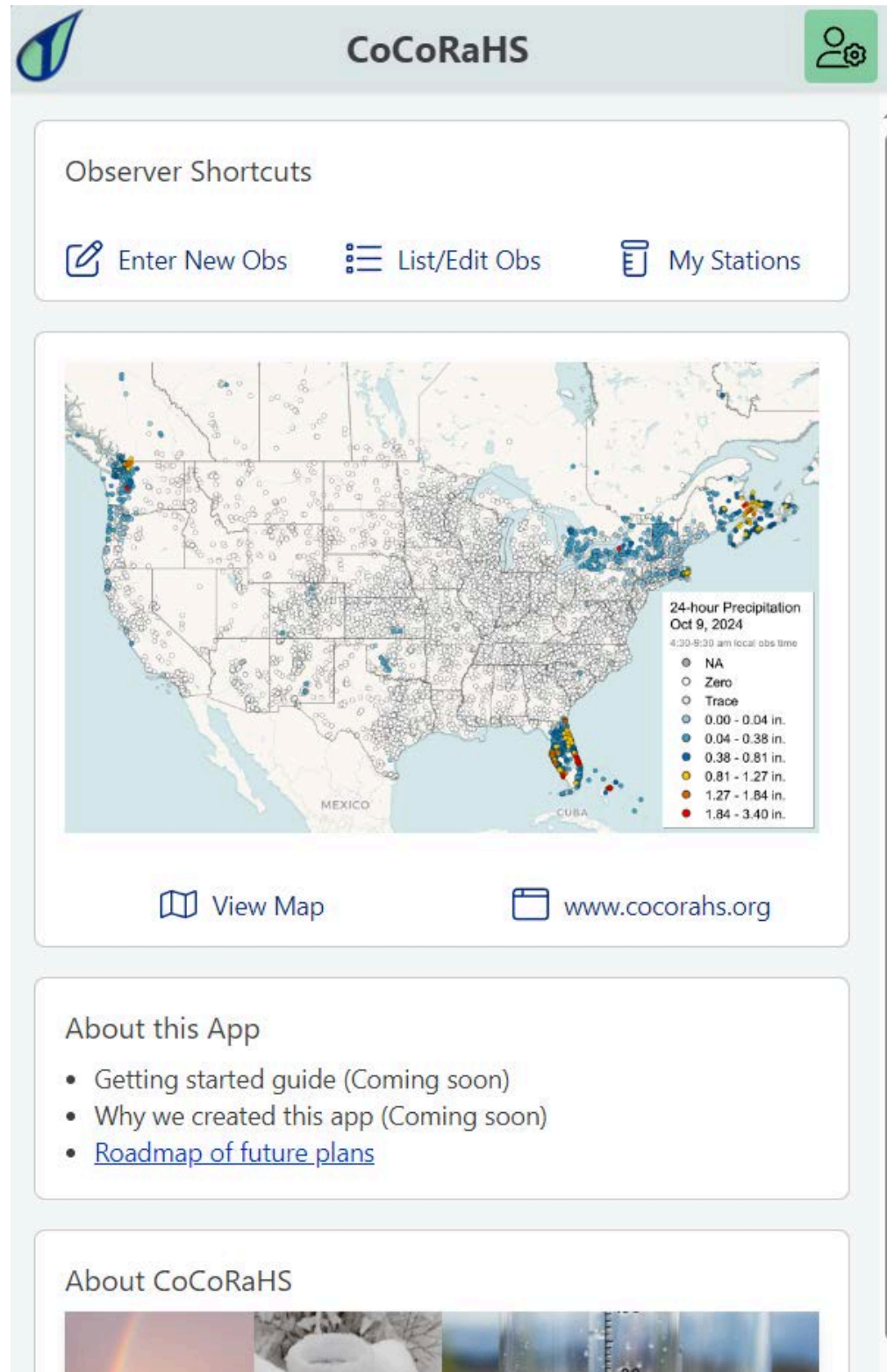




New CoCoRaHS Mobile App

User Guide



Basic Features list:

- Enter and Edit data for
 - Daily Precip
 - Multiday Precip
 - Hail - **NEW!**
 - Significant Weather - **NEW!**
 - Condition Monitoring - **NEW!**
 - Monthly Zeros - **NEW!**
- Pageable, sortable lists for your station data - **NEW!**

Additional Features list:

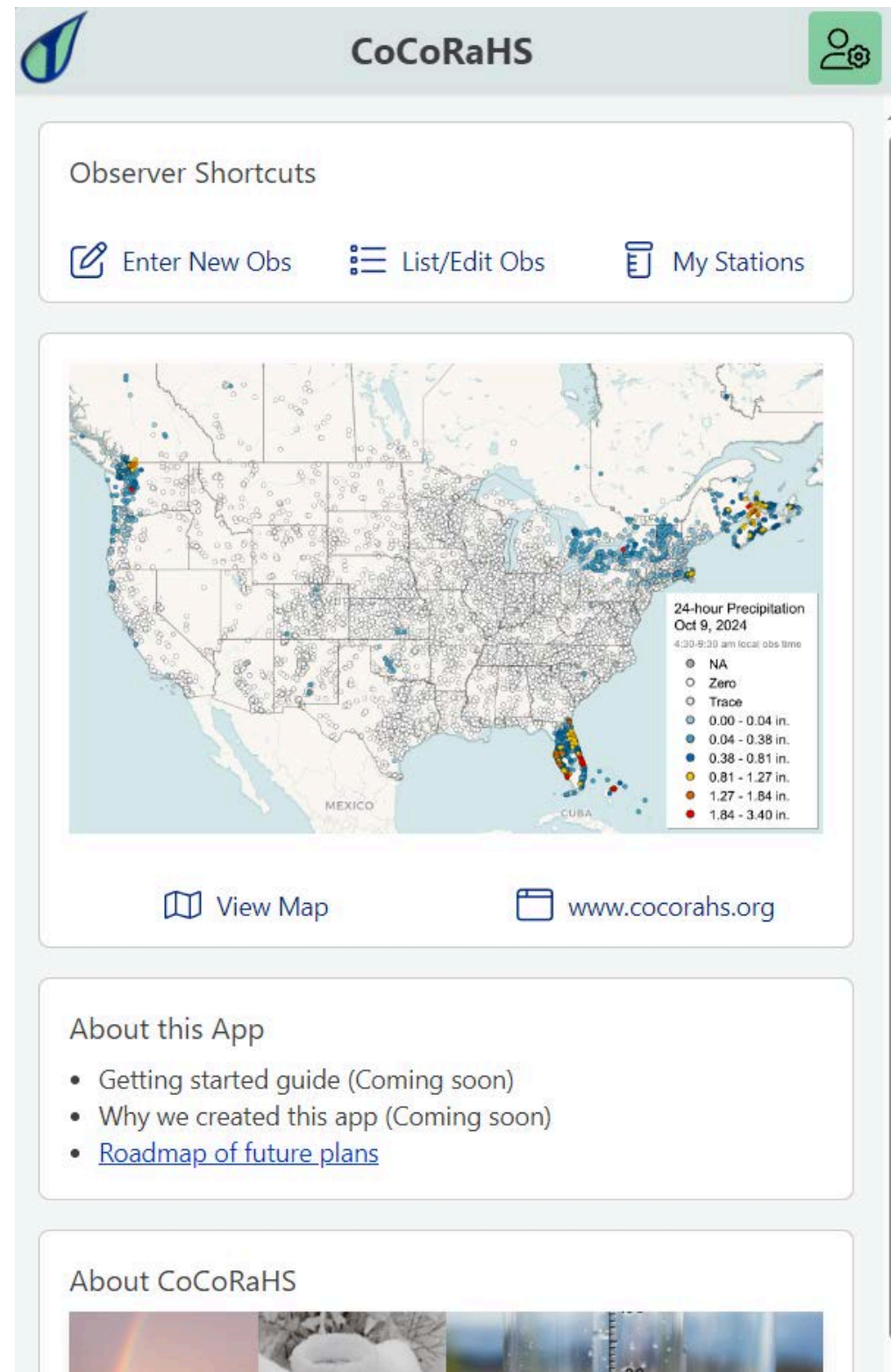
- Dark Mode support - **NEW!**
- Metric support
- Access to all CoCoRaHS website content pages - **New!**
- Access to CoCoRaHS maps
- Access to "View Data" pages
- Access to DEx - **New!**



<https://mobile.cocorahs.org>

CoCoRaHS Mobile App

Options for using/installing



Three options: (All three have the same user experience)

- Use the website - <https://mobile.cocorahs.org>
- Save the site to your home screen (recommended)
- Install from the Apple App Store or Google Marketplace (free)

<https://mobile.cocorahs.org>

CoCoRaHS Mobile App

Installing optoins

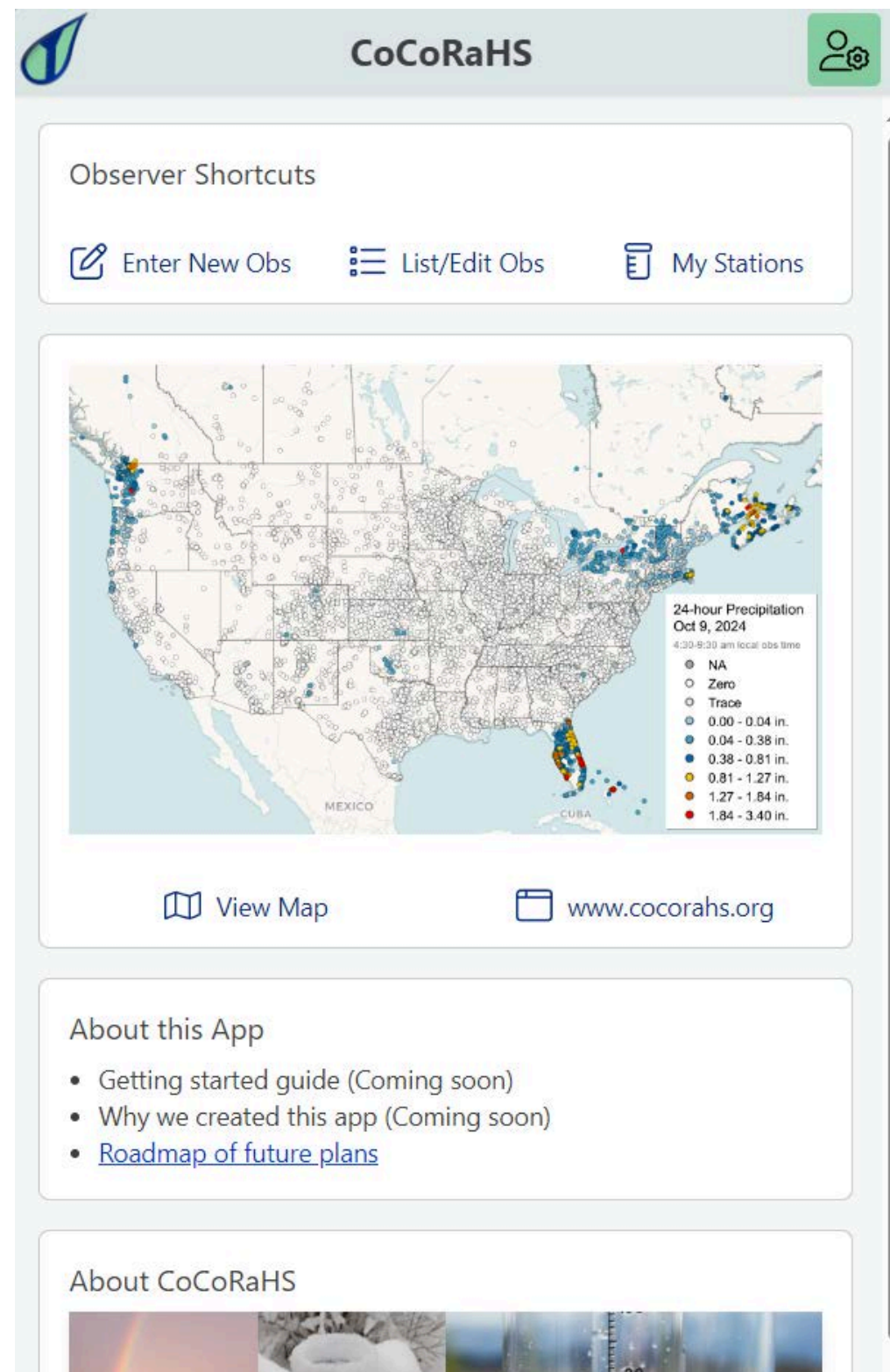
<https://mobile.cocorahs.org>

Why use the browser?

- The easiest way to start using the CoCoRaHS app is to simply go to mobile.cocorahs.org in any desktop or mobile browser
- You can bookmark pages
- You can control the font size
- You can hide the URL toolbar if you want more space

Video: [How to hide the toolbar on an iPhone](#)

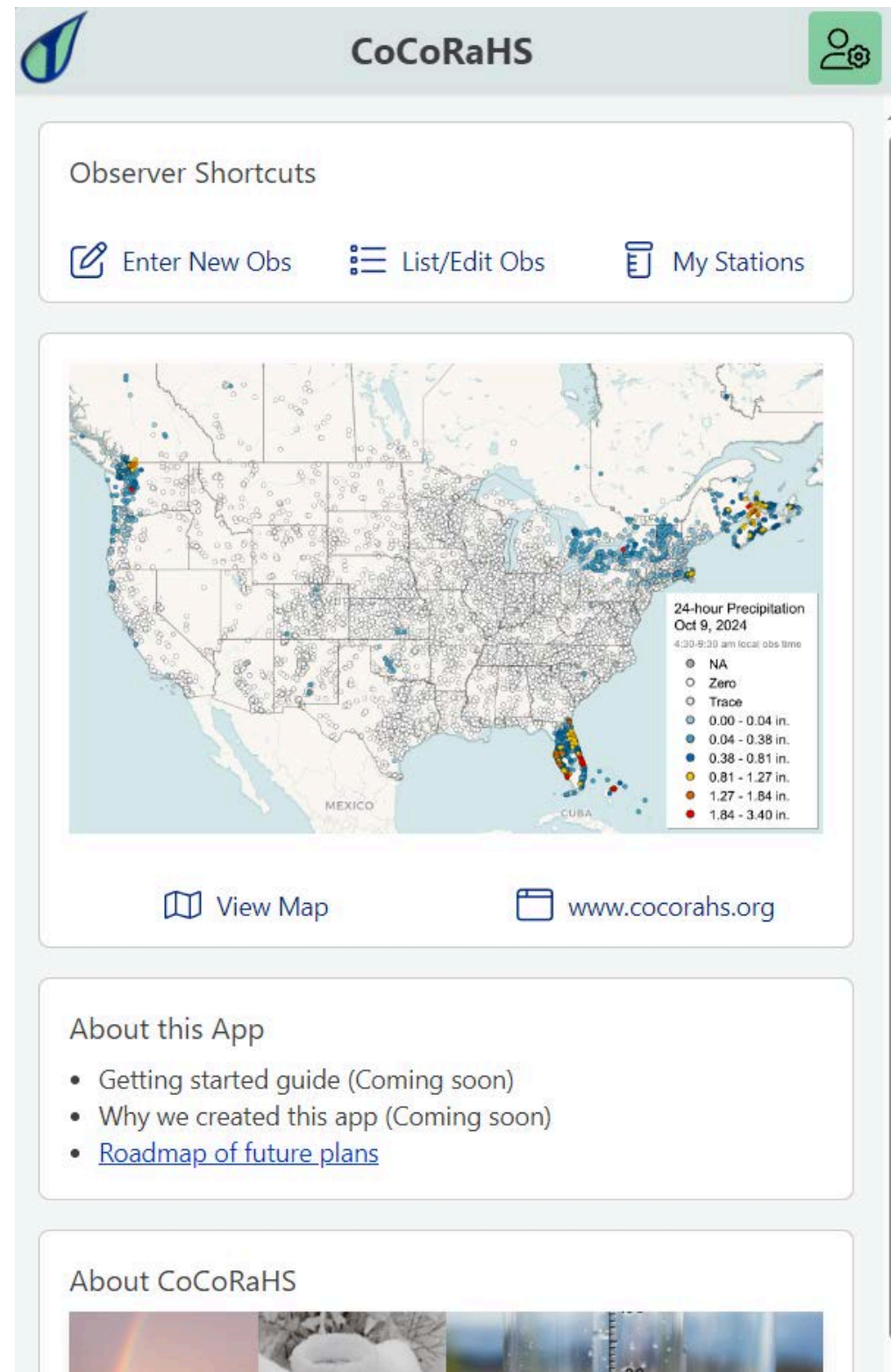
Videos: How to change the font size - [iPhone](#) [Android](#)



CoCoRaHS Mobile App

Installing options

Save to home screen



Why choose to save the website to your home screen on your device?

- You want an app icon to access the app quickly and easily
- The app will open in full screen mode with no toolbar in the way
- The app will display the font size set for the site
- You want separate app icons for two different logins*

*Note, you can have multiple stations associated with a single CoCoRaHS account, however some people prefer to keep them separate.

Videos on how to save the App to your home screen:

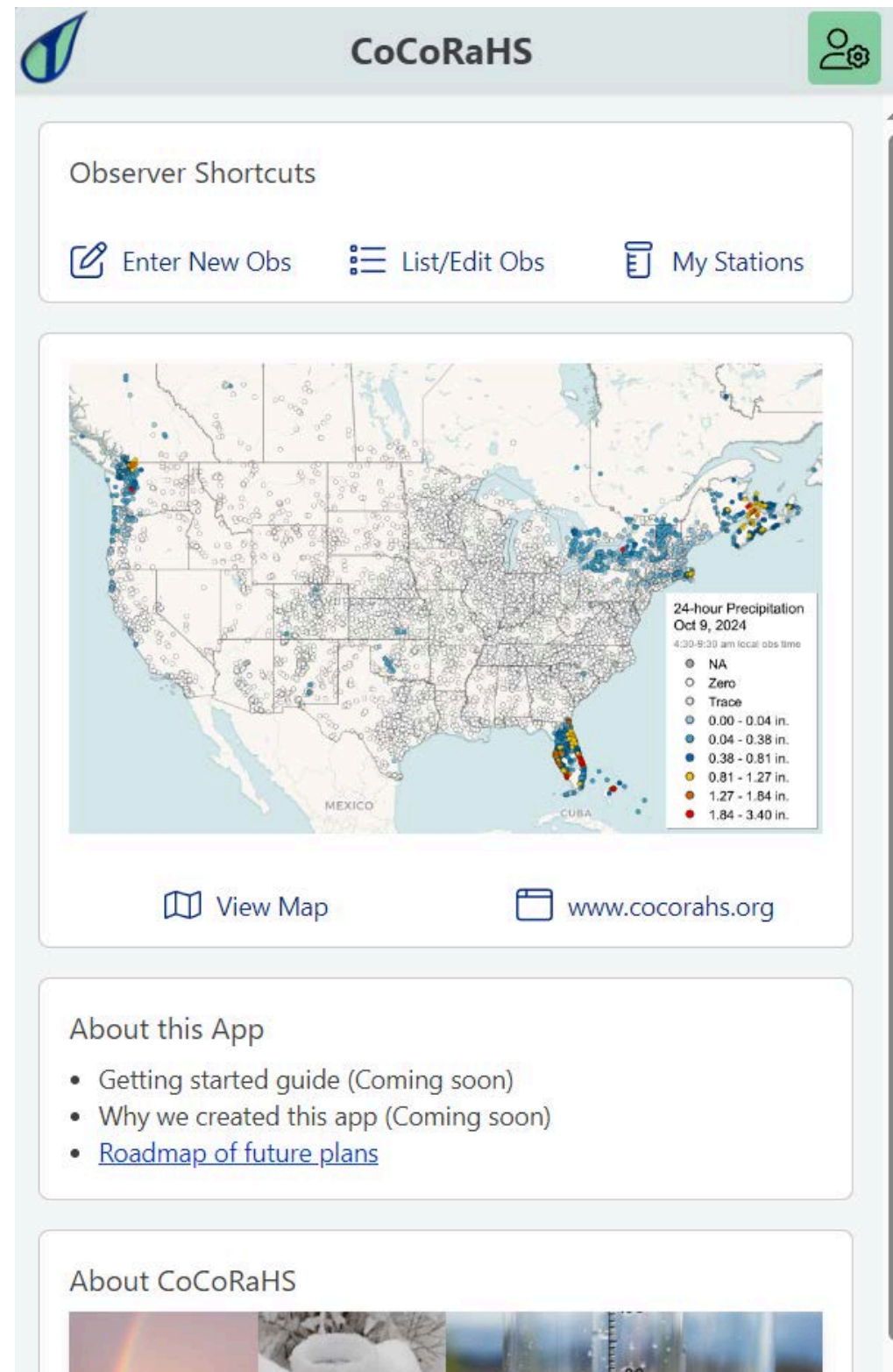
[iPhone](#)

[Android](#)

CoCoRaHS Mobile App

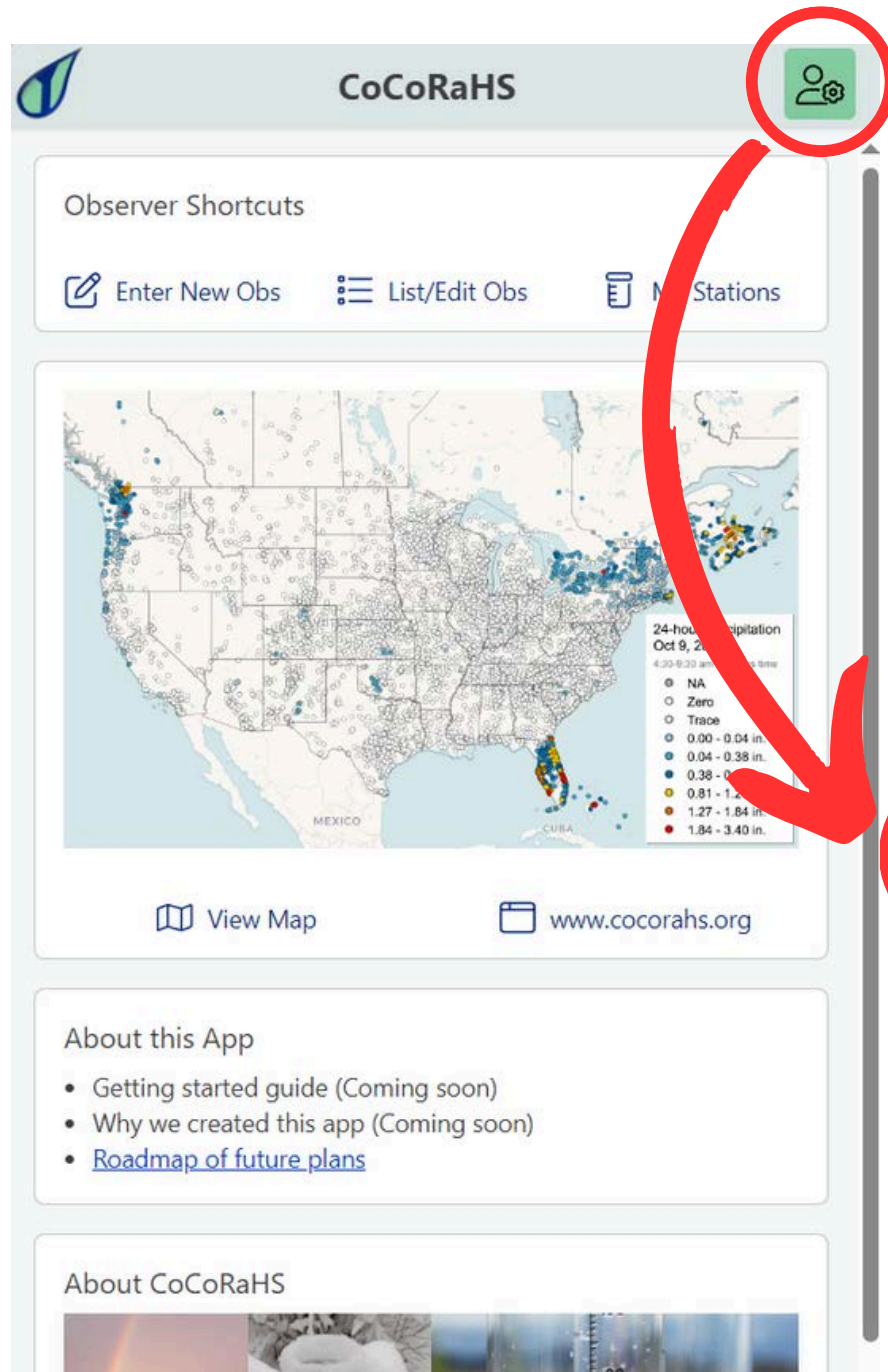
Installing options

Download from App Stores



CoCoRaHS Mobile App - User Guide

Home Page buttons



“Enter New Obs” - Daily Data entry page

List/Edit Obs - View, sort, and edit an observation

My Stations - Station info and links to Data Explorer (DEx)

View Map - links to CoCoRaHS interactive map

www.cocorahs.org - link to the CoCoRaHS desktop web site

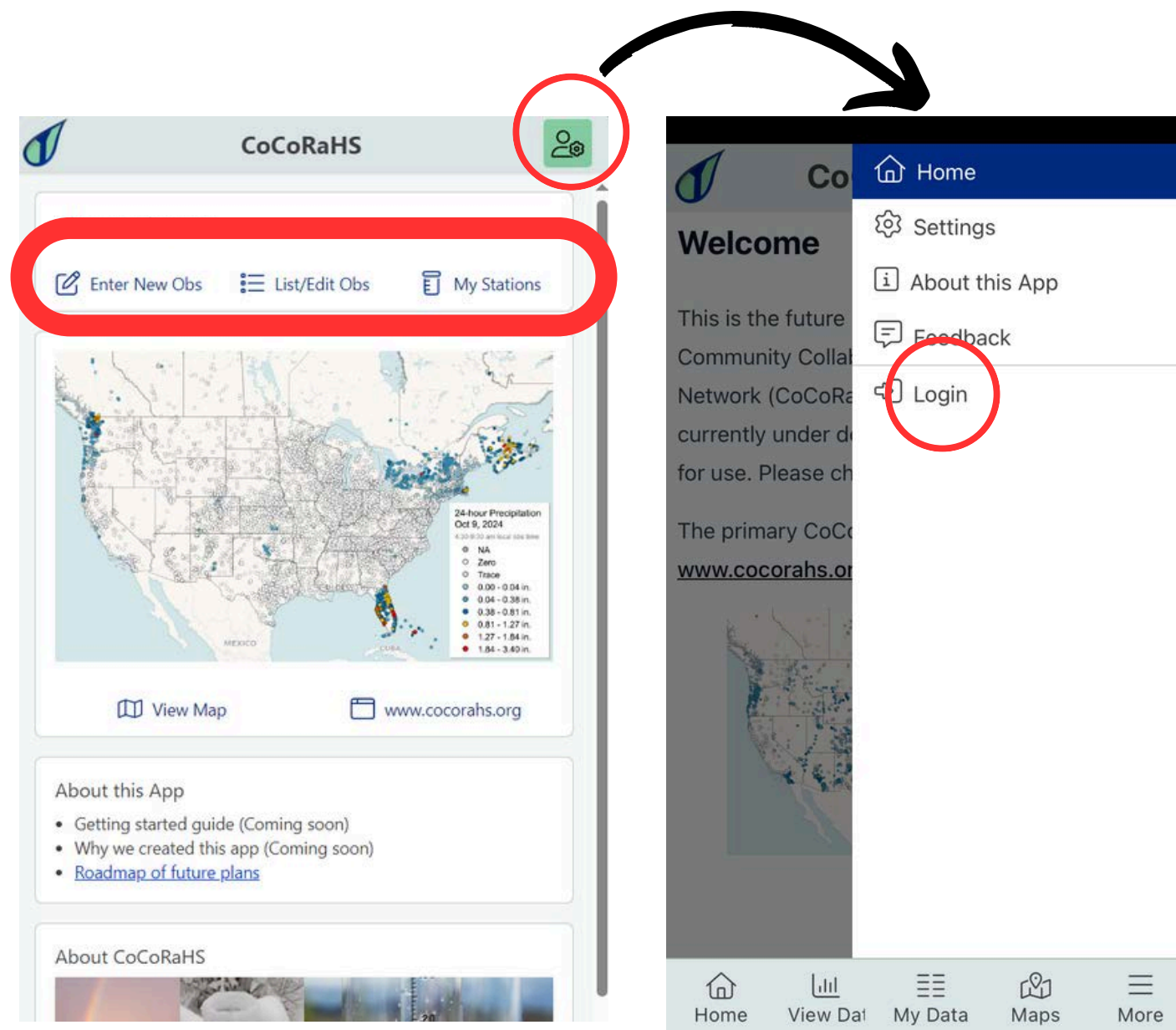
Settings More settings, layout options, dark mode, FAQ’s, link to provide feedback, and more.

***Hint: Log in, and stay logged in!**

There is no need to log out.

CoCoRaHS Mobile App User Guide

Two Options for Logging In

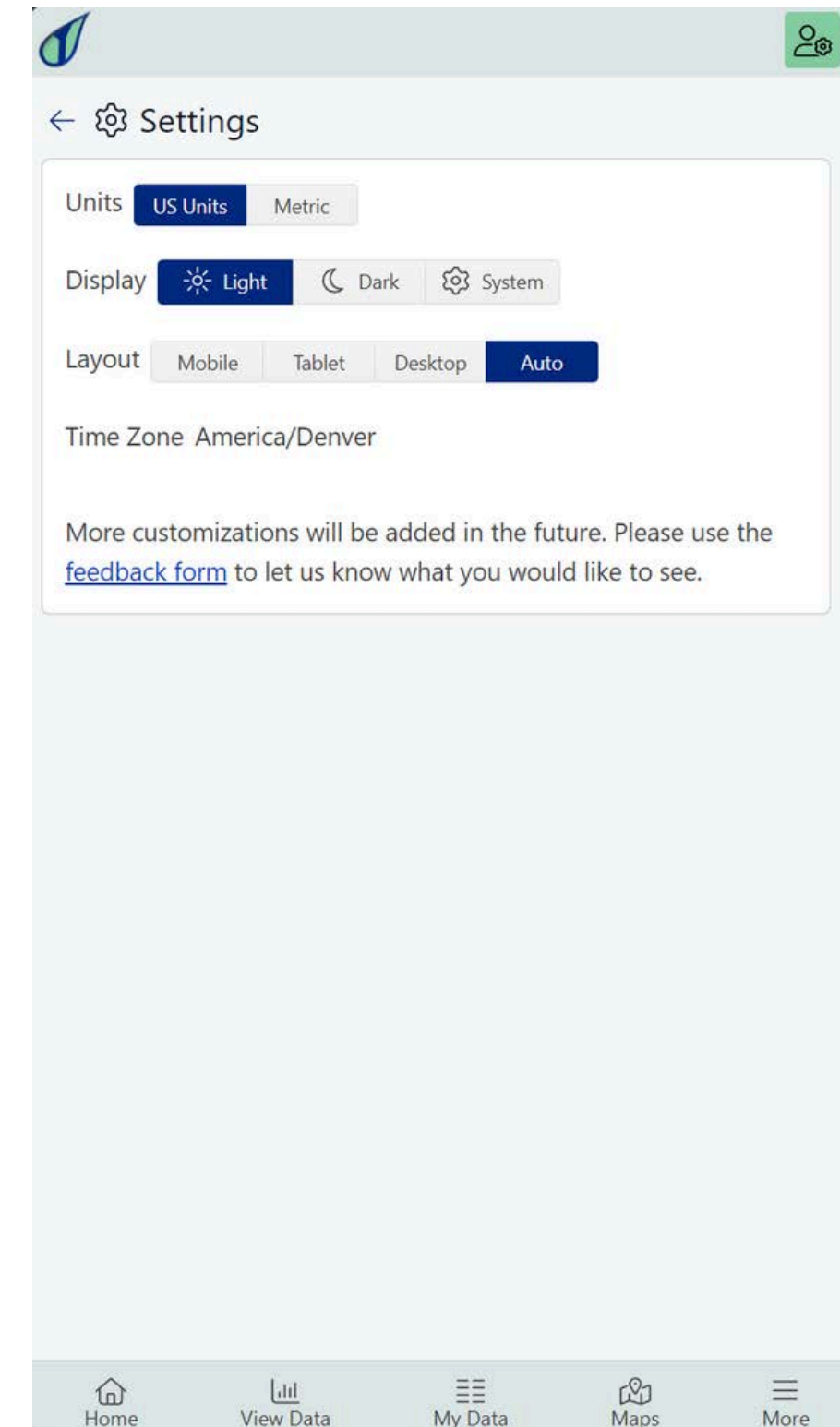
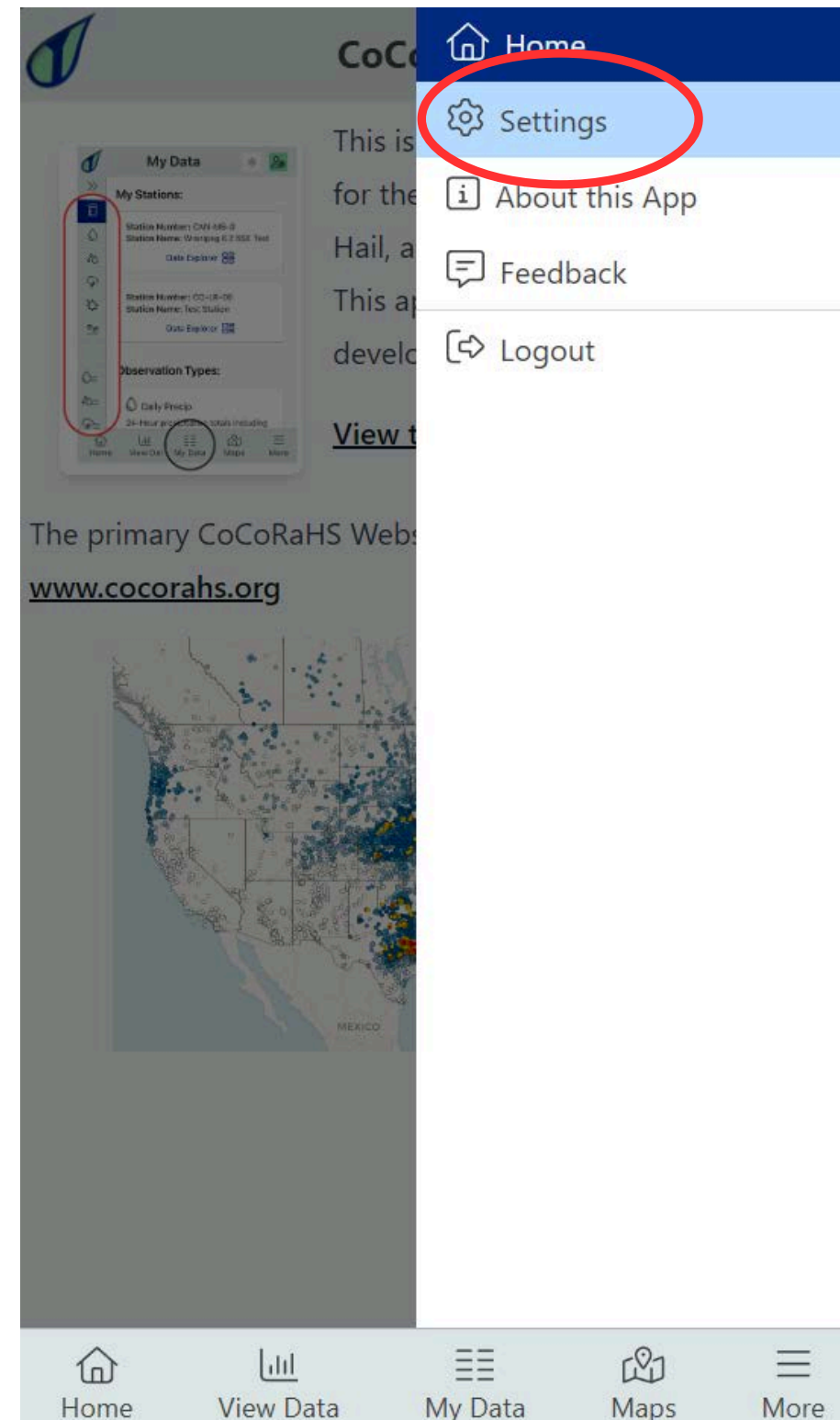
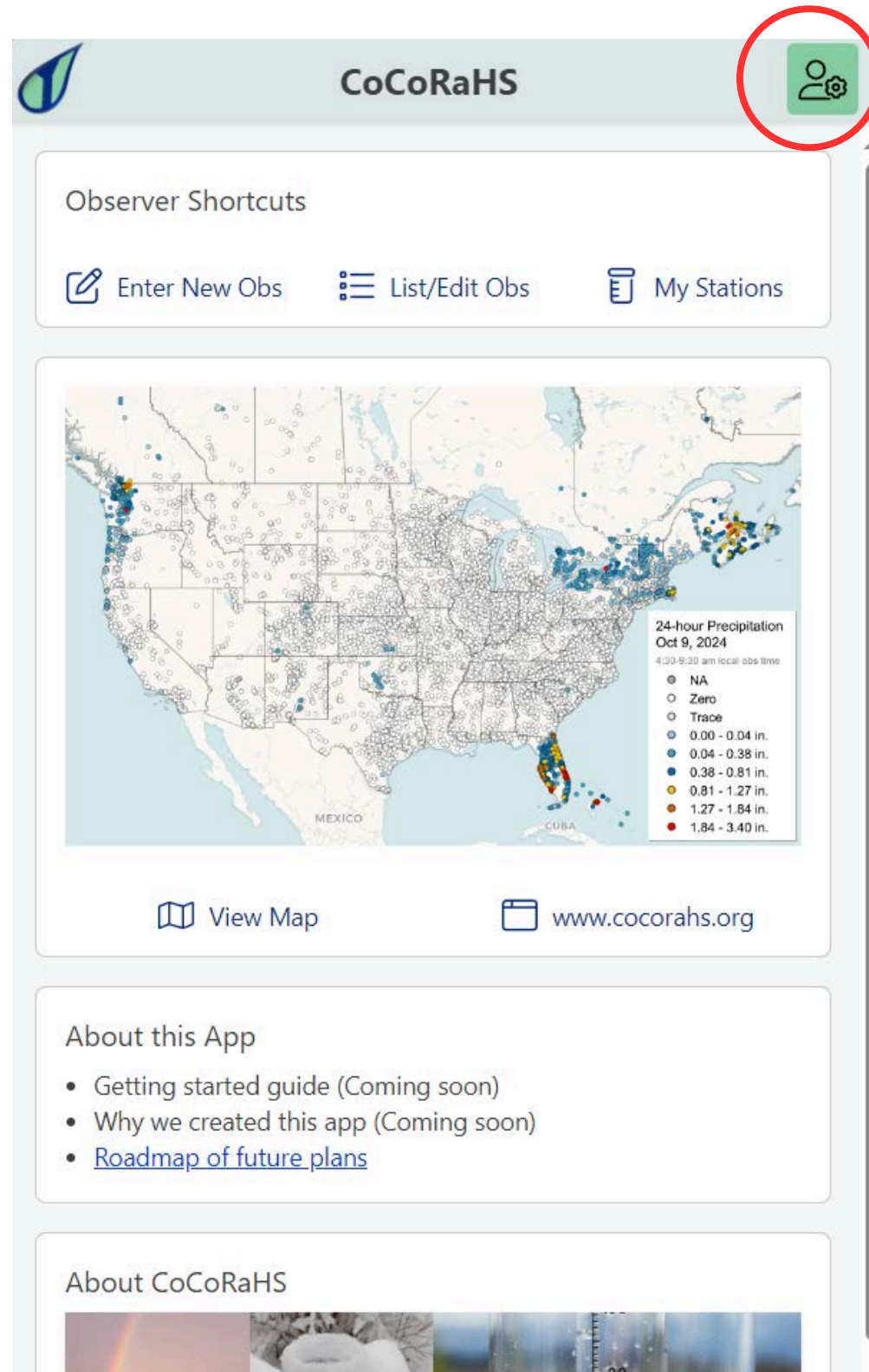


1.) Select, “Enter New Obs”, “List/Edit Obs”, or “My Stations” to log in.

2.) The “settings” button has a login option

***Note: Your login will be saved until you log out so we recommended to NOT log out after your initial login.**

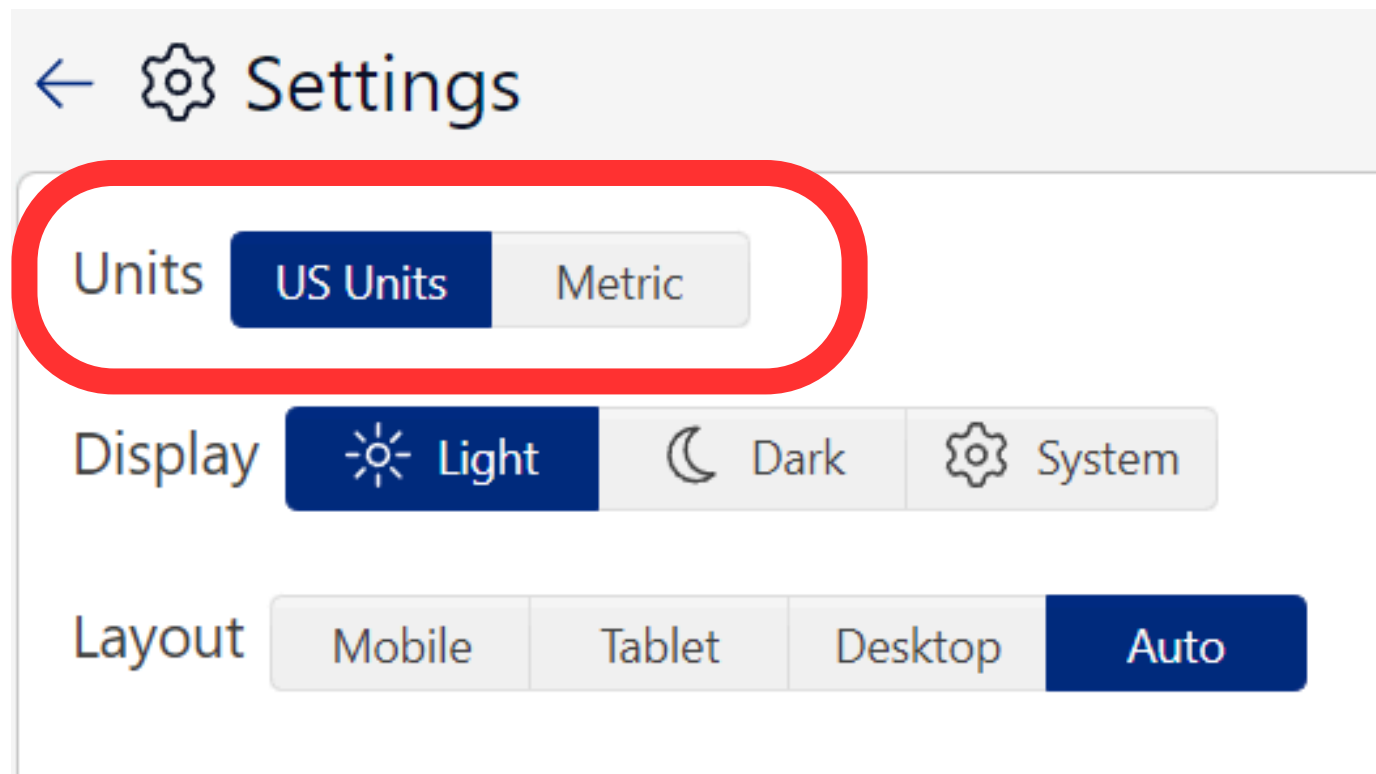
Settings



Settings Options: Units

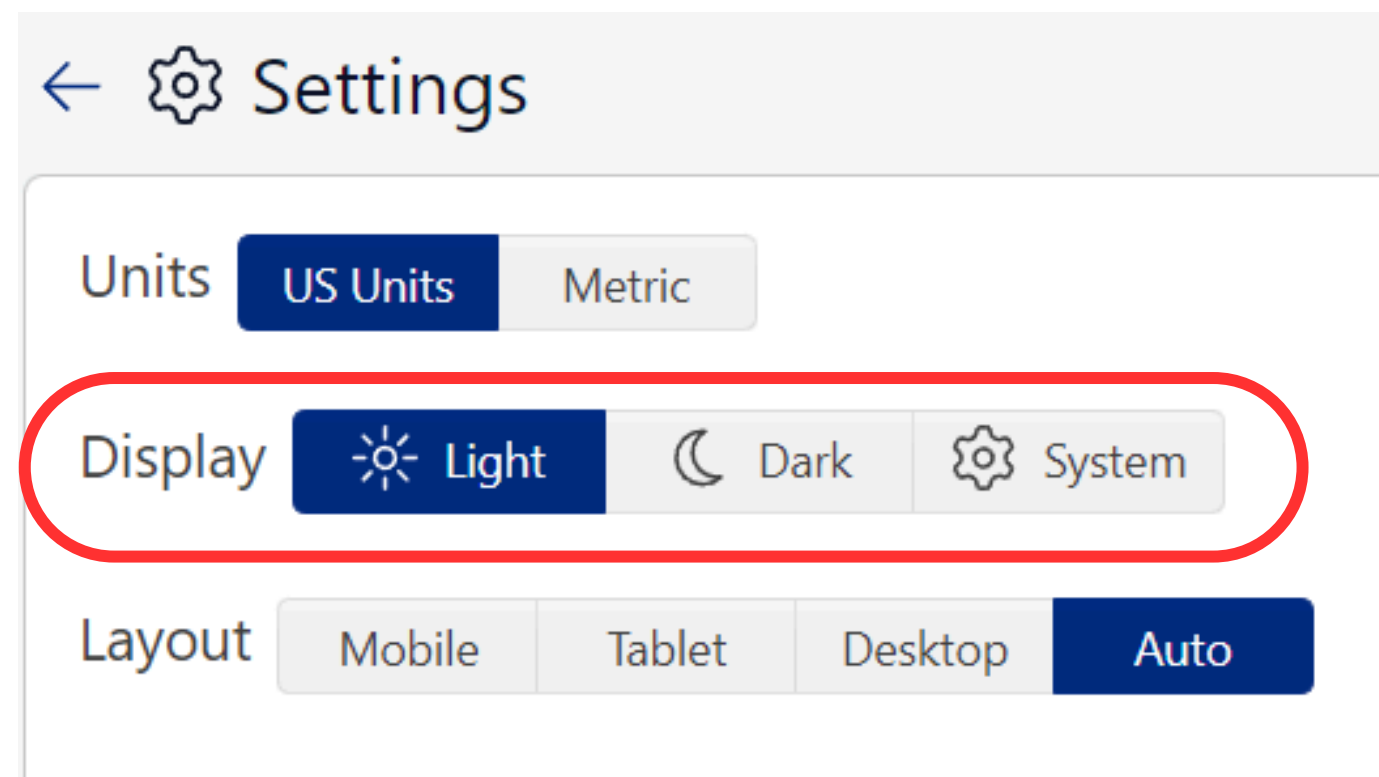
**“Units” are for
VIEWING DATA
only**

**Data Entry units can only be
changed by a coordinator or
by contacting
info@cocorahs.org)**

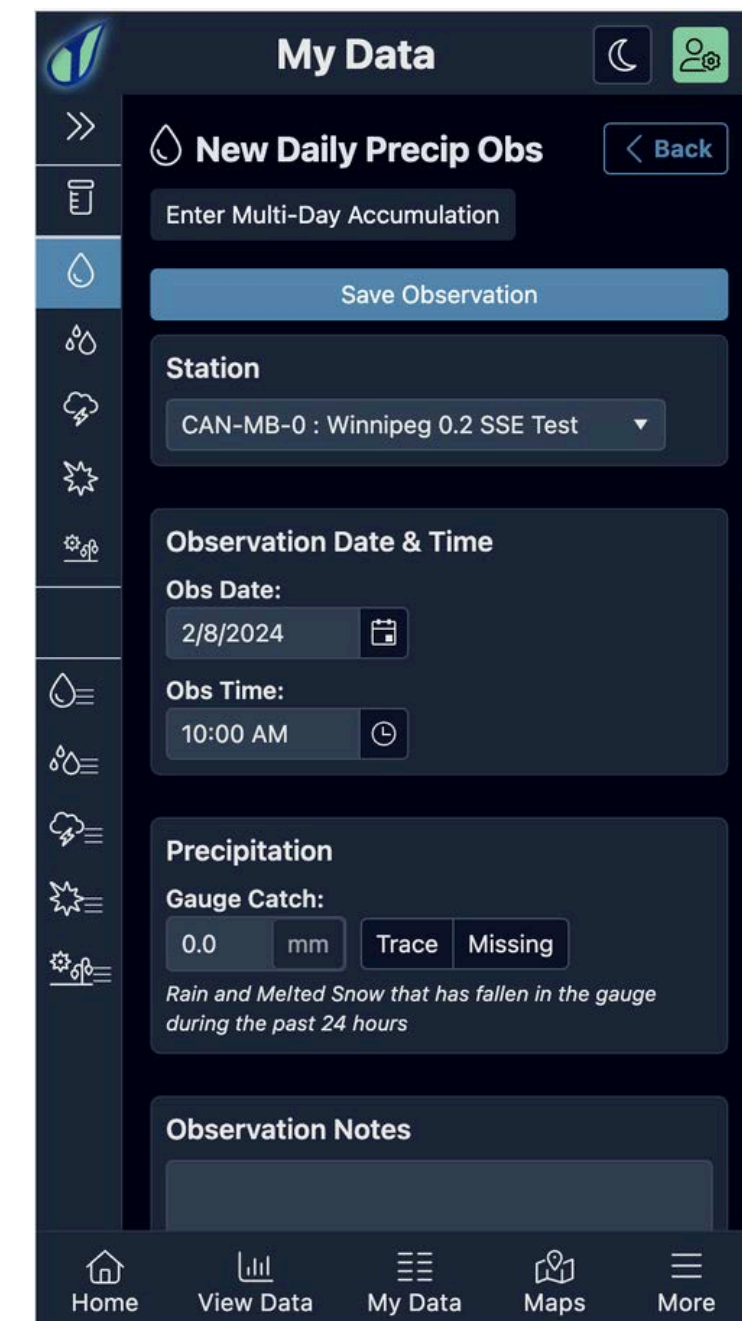


Settings Options: Display

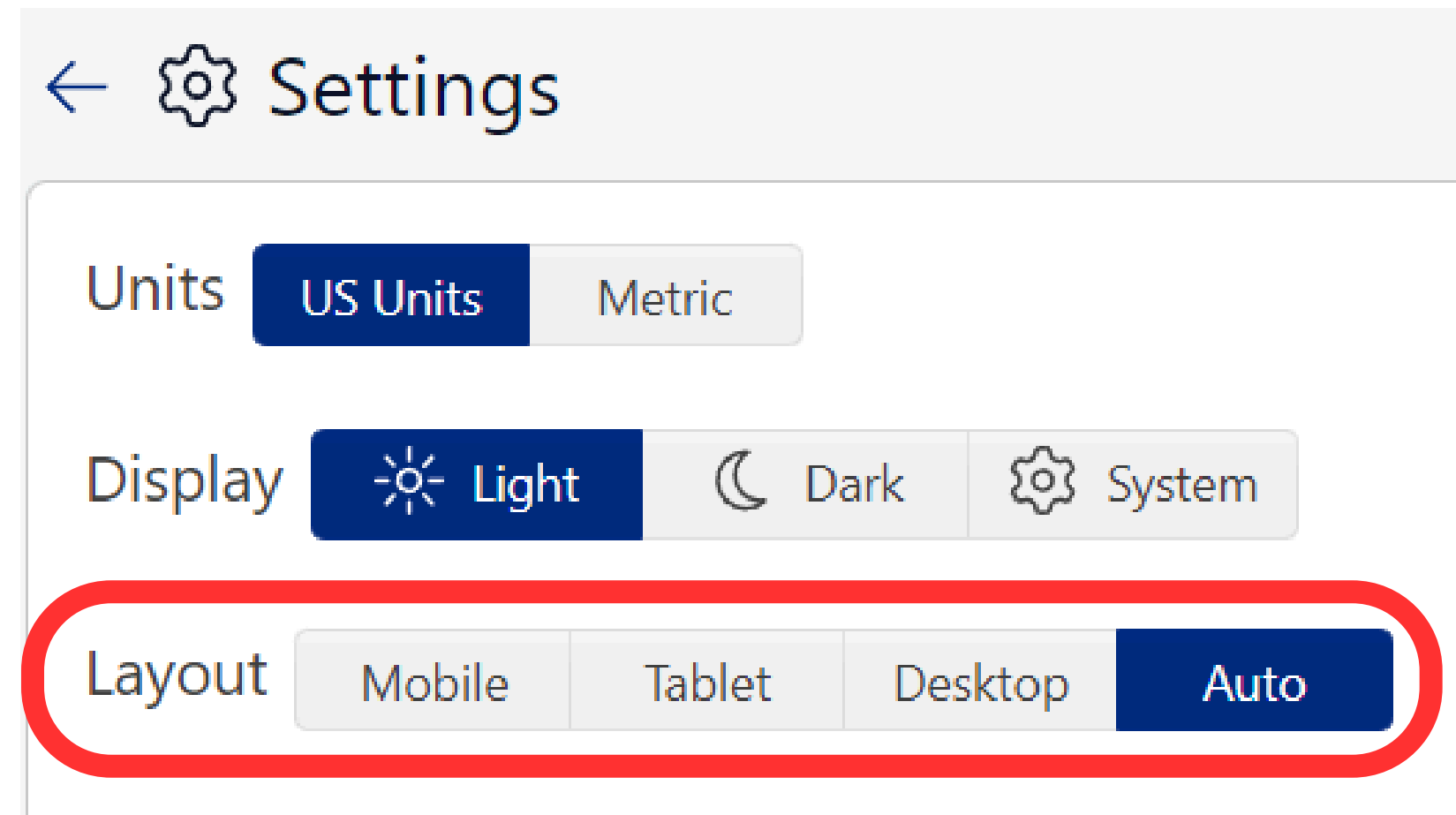
NEW! Dark Mode



The App will default to “System” to align with phone settings (i.e. dark mode after 8 pm) but can be overridden by selecting your desired display mode



Settings Options: Layout



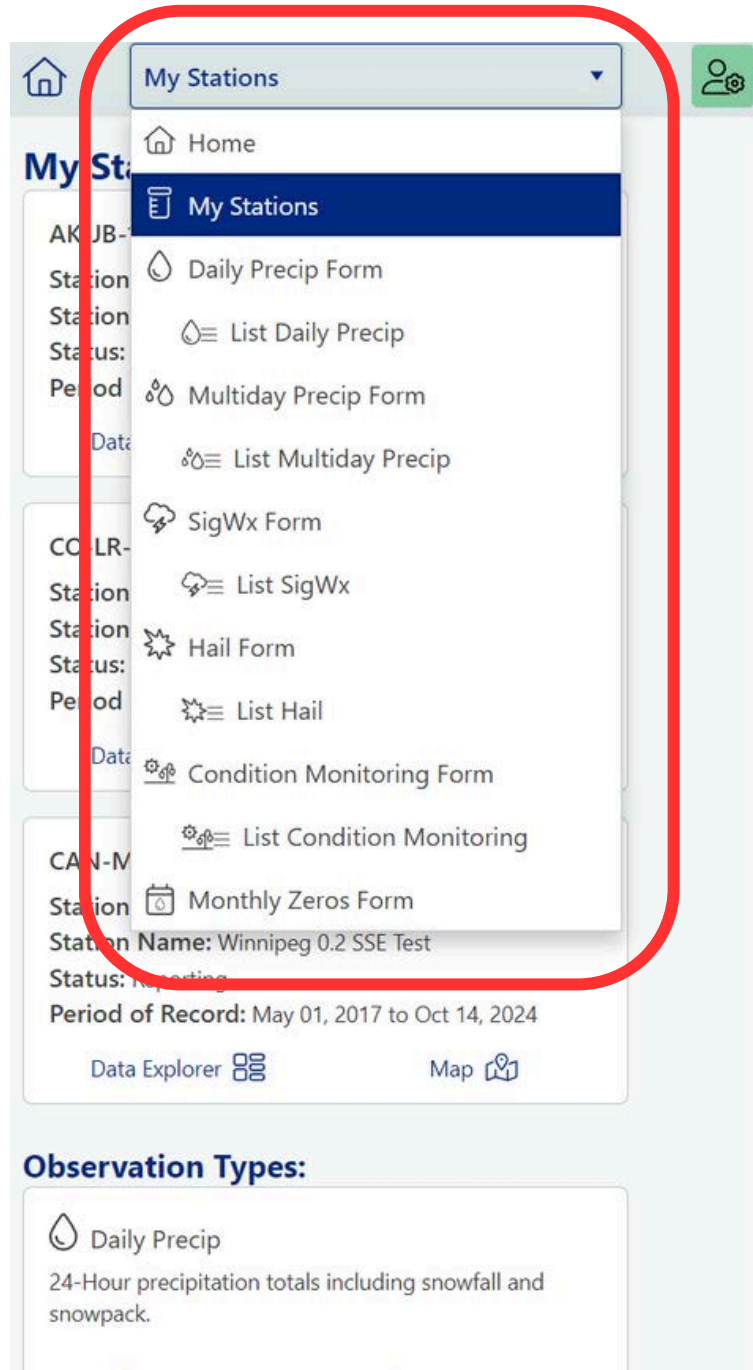
The App will default to “Auto” which will select the layout based on the size of your screen.

The layout can be overridden at any time.

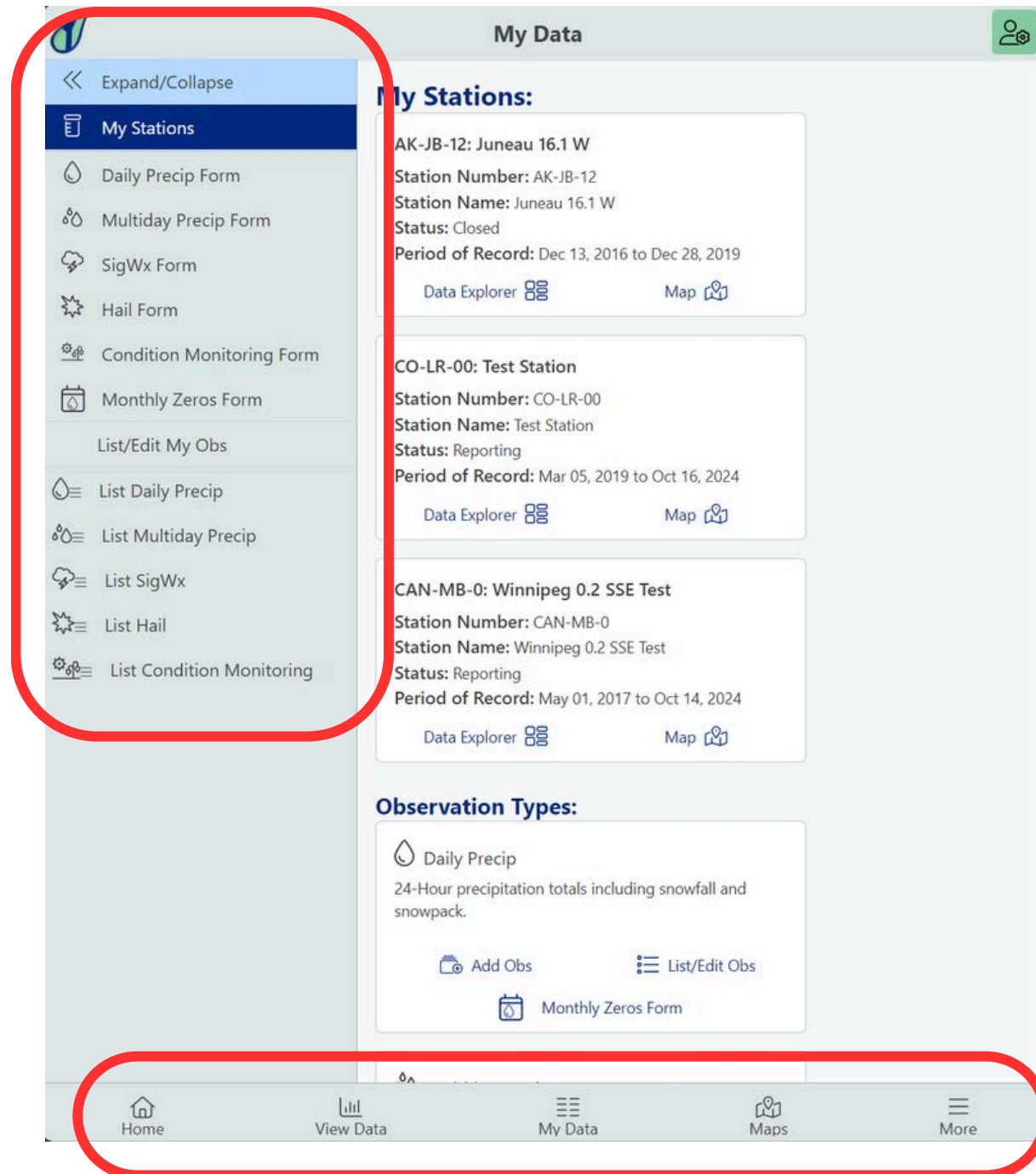
Layout Options Overview

Choice determines the location of the menu

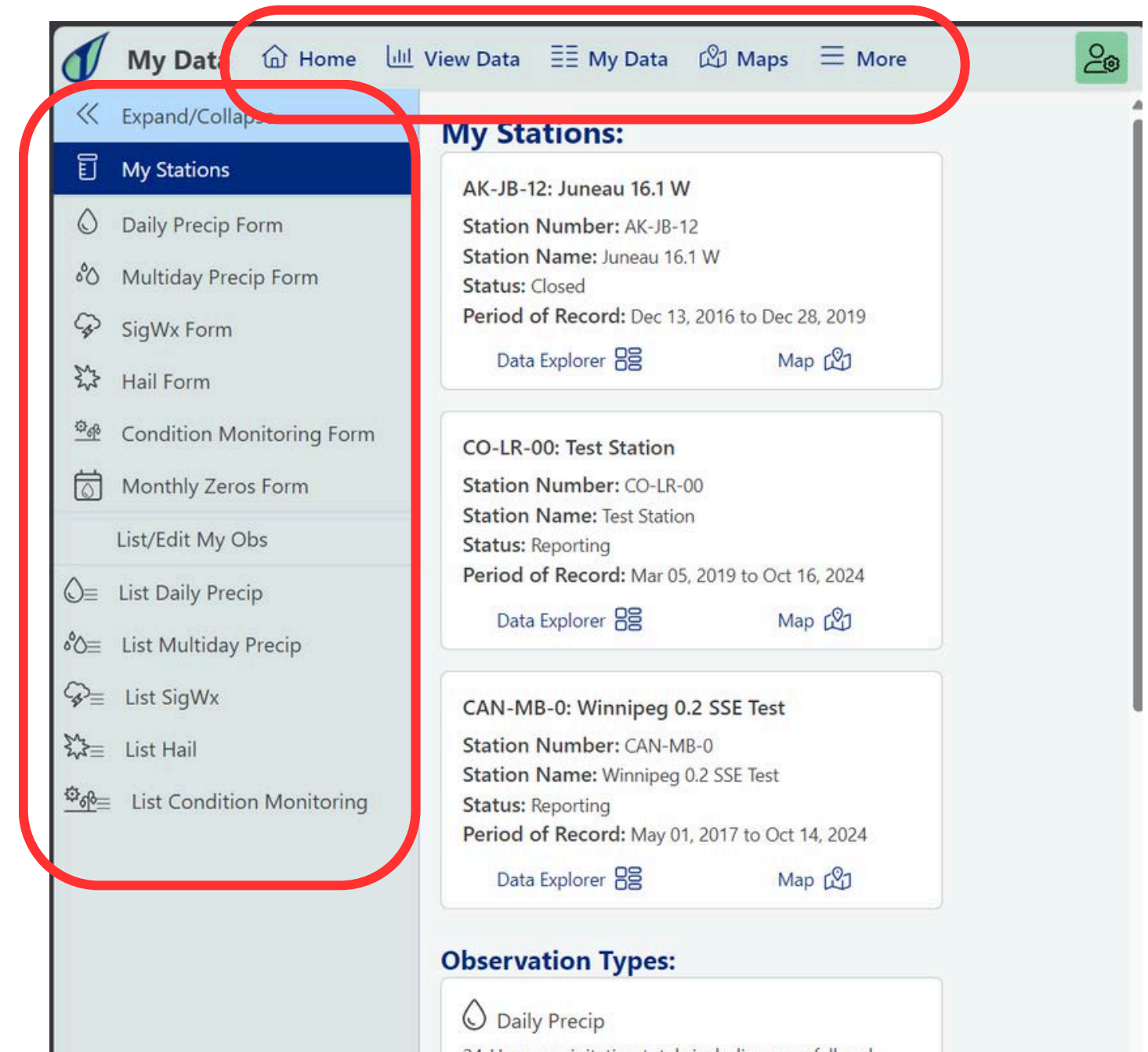
Mobile layout



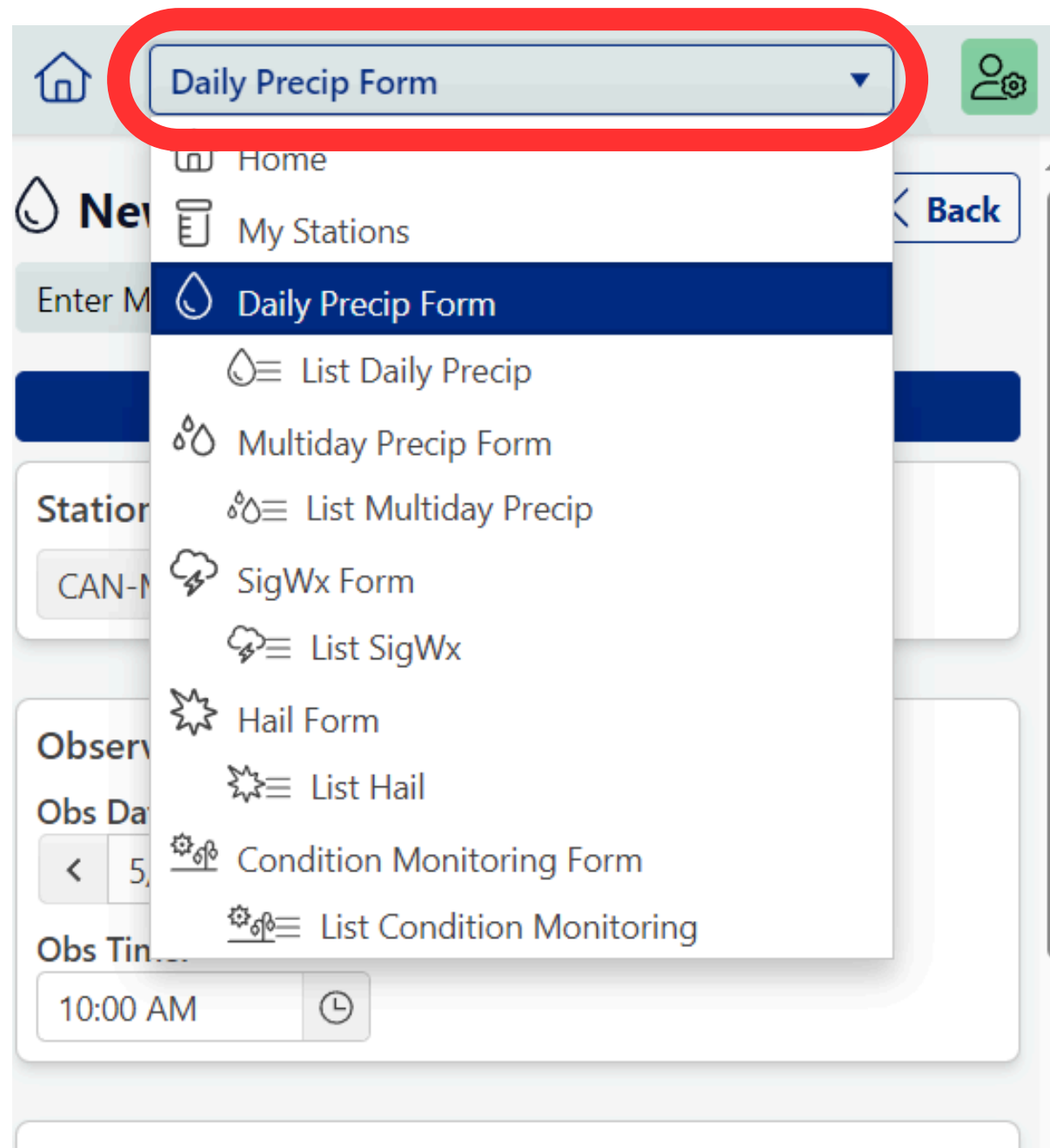
Tablet layout



Desktop layout



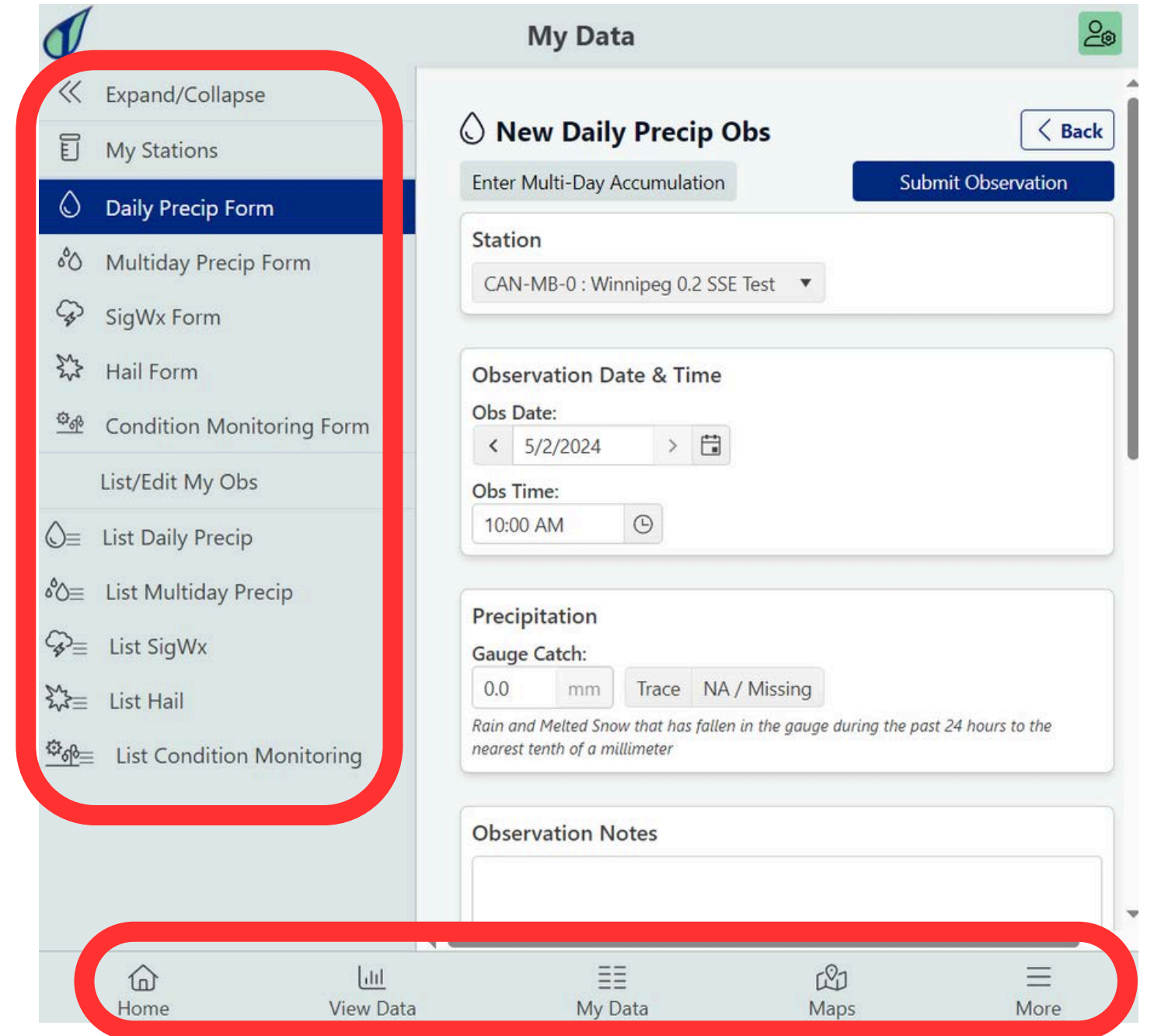
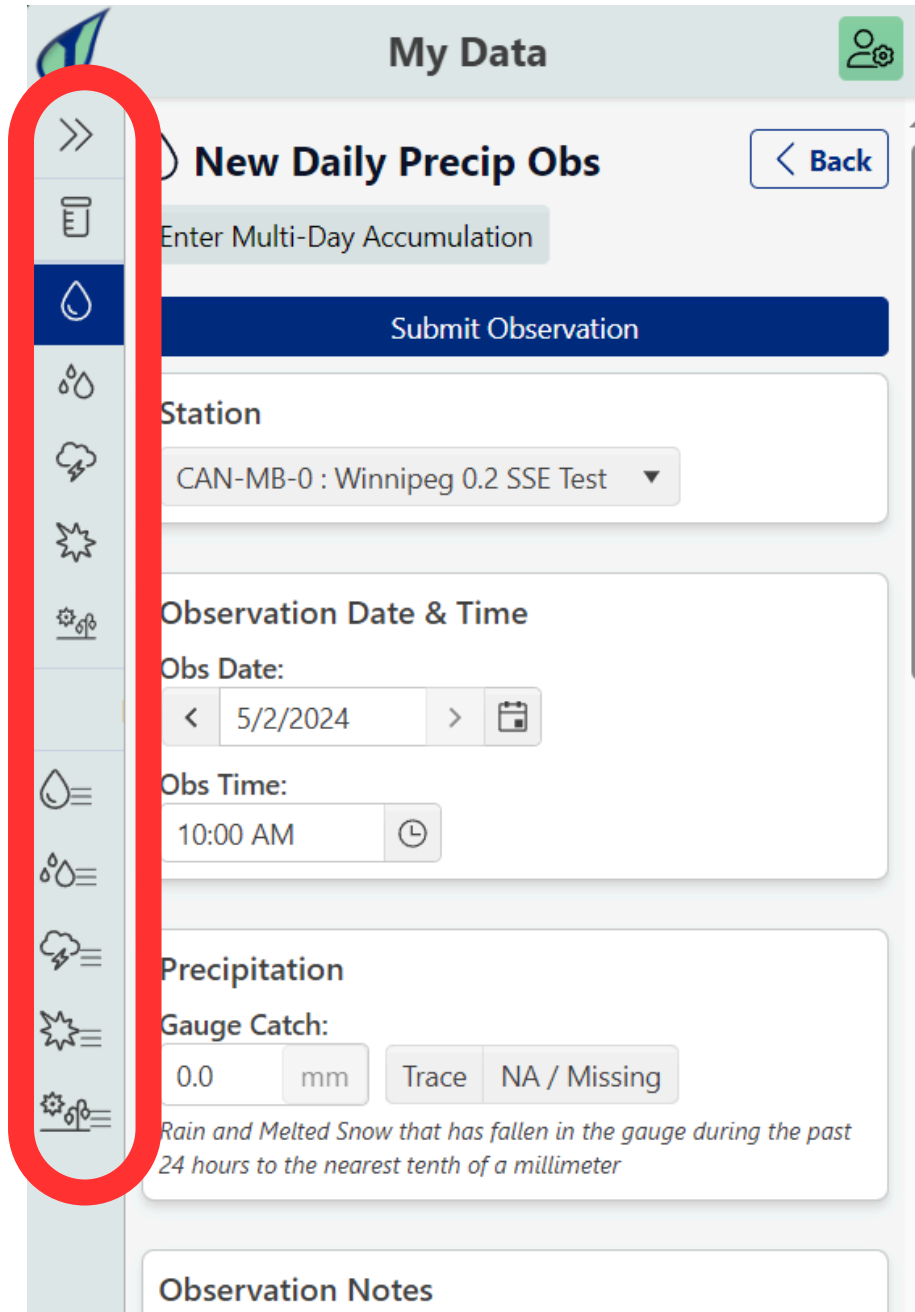
Layout Options: Mobile



“Mobile” layout will force the navigation menu to the top of the screen

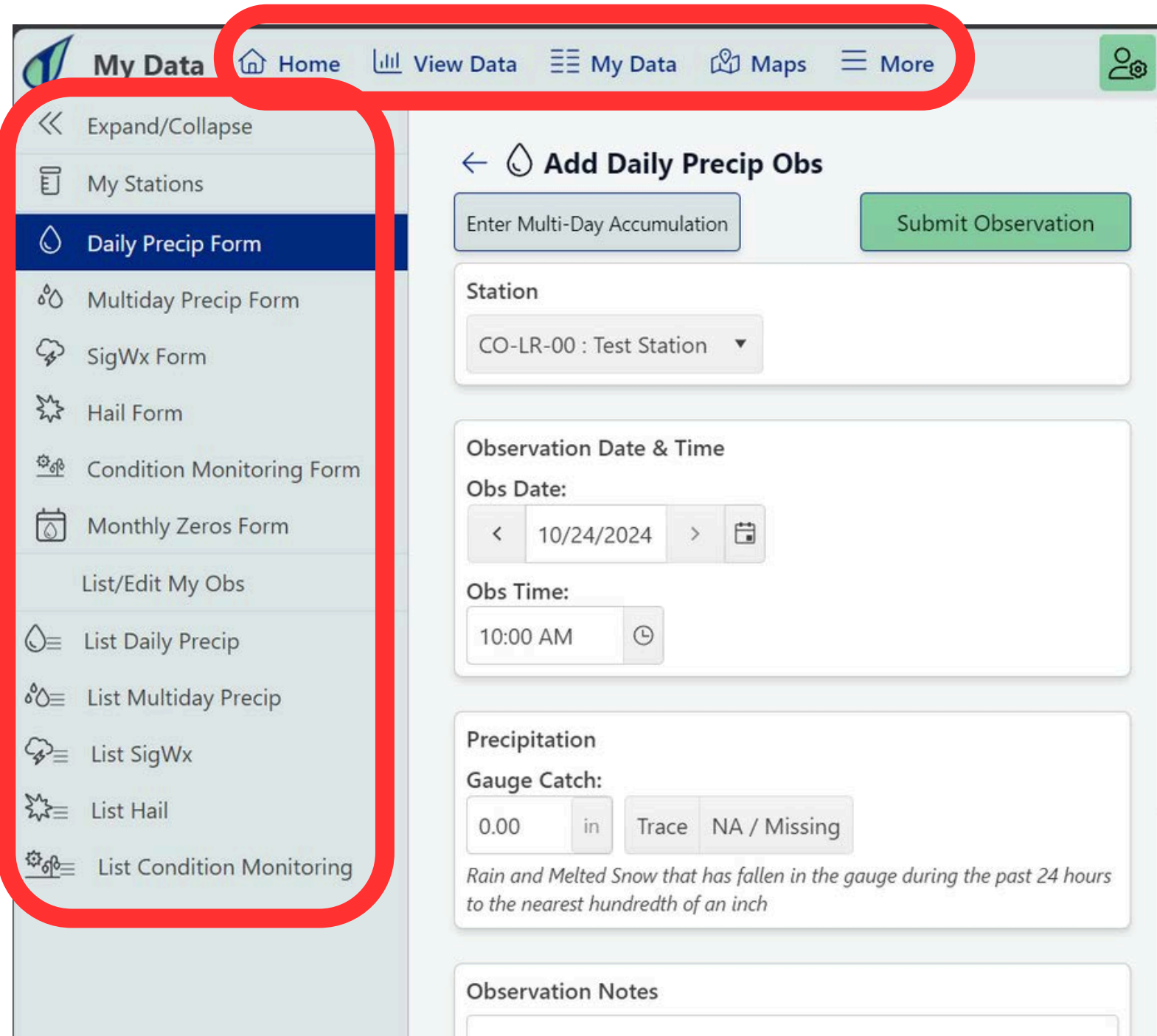
Layout Options: Tablet

**“Tablet”
layout is
responsive
and the data
menu may be
expanded
automatically
if the screen
is wide
enough**



Tablet layout will have the home menu at the bottom of the screen

Layout Options: Desktop



“Desktop” layout is responsive and the data menu will be expanded automatically as long as the screen is wide enough

Desktop layout will force the home menu to the top of the screen

My Stations page

My Stations

My Stations:

AK-JB-12: Juneau 16.1 W
Station Number: AK-JB-12
Station Name: Juneau 16.1 W
Status: Closed
Period of Record: Dec 13, 2016 to Dec 28, 2019
Data Explorer Map

CO-LR-00: Test Station
Station Number: CO-LR-00
Station Name: Test Station
Status: Reporting
Period of Record: Mar 05, 2019 to Dec 06, 2023
Data Explorer Map

CAN-MB-0: Winnipeg 0.2 SSE Test
Station Number: CAN-MB-0
Station Name: Winnipeg 0.2 SSE Test
Status: Reporting
Period of Record: May 01, 2017 to Apr 22, 2024
Data Explorer Map

- **Links to Station Data Explorer (DEx)**
- **Links to Station Map**
- **Scroll down to find quick-links for entering and editing station data**

Data Entry Forms

Daily

The screenshot shows the 'Daily Precip Form' interface. At the top, there is a title bar with a home icon, a dropdown menu set to 'Daily Precip Form', and a user profile icon. Below this is a navigation bar with a back arrow and the text 'Add Daily Precip Obs'. A green button labeled 'Submit Observation' is prominent. The form contains several sections: 'Station' with a dropdown menu showing 'CO-LR-832 : Fort Collins 0.6 NNW'; 'Observation Date & Time' with 'Obs Date' and 'Obs Time' (7:00 AM) fields; and 'Precipitation' with a 'Gauge Catch' field set to '0.00 in' and options for 'Trace' and 'NA / Missing'. A text box for 'Observation Notes' is at the bottom.

Multiday

The screenshot shows the 'Multiday Precip Form' interface. It features a title bar with a home icon, a dropdown menu set to 'Multiday Precip Form', and a user profile icon. The navigation bar includes a back arrow and 'Add Multiday Precip Obs'. A green 'Submit Observation' button is at the top. The form includes: 'Station' dropdown ('CO-LR-832 : Fort Collins 0.6 NNW'); 'Observation Date & Time' section with 'Obs Start Date' (9/24/2024) and 'Obs End Date' (9/25/2024) fields, and an 'Obs Time' (7:00 AM) field; 'Precipitation' section with 'Gauge Catch' (0.00 in) and 'NA / Missing' options; and an 'Observation Notes' text area.

Significant Weather

The screenshot shows the 'SigWx Form' interface. The title bar has a home icon, a dropdown menu set to 'SigWx Form', and a user profile icon. The navigation bar shows a back arrow and 'Add Significant Weather Obs'. A green 'Submit Observation' button is at the top. The form includes: 'Station' dropdown ('CO-LR-832 : Fort Collins 0.6 NNW'); 'Observation Date & Time' section with 'Obs Date' (9/25/2024) and 'Obs Time' (7:00 AM) fields; 'Precipitation' section with 'Duration Gauge Catch' and 'Total Gauge Catch' fields, both set to 'NA / Missing'; and an 'Observation Notes' text area.

Hail

The screenshot shows the 'Hail Form' interface. The title bar has a home icon, a dropdown menu set to 'Hail Form', and a user profile icon. The navigation bar shows a back arrow and 'Add Hail Obs'. A green 'Submit Observation' button is at the top. The form includes: 'Station' dropdown ('CO-LR-832 : Fort Collins 0.6 NNW'); 'Observation Date & Time' section with 'Obs Date' (9/25/2024) and 'Obs Time' (7:00 AM) fields; 'Size of Hailstones' section with 'Smallest', 'Average', and 'Largest' dropdown menus, all set to 'NA'; and 'Duration of Storm' section with 'Hail lasted for' (minutes) and 'Hailfall was' (Continuous/Intermittent) options.

Condition Monitoring

The screenshot shows the 'Condition Monitoring Form' interface. The title bar has a home icon, a dropdown menu set to 'Condition Monitoring Form', and a user profile icon. The navigation bar shows a back arrow and 'Add Condition Monitoring Obs'. A green 'Submit Observation' button is at the top. The form includes: 'Station' dropdown ('CO-LR-832 : Fort Collins 0.6 NNW'); 'Observation Date' field (9/25/2024); 'Impact Categories' section with a list of categories (General Awareness, Agriculture, Business and Industry, Energy, Fire, Plants and Wildlife, Relief Response, Society and Public Health, Tourism and Recreation, Water Supply and Quality) and checkboxes; and a 'Condition Scale Bar' at the bottom.

Monthly Zeros

The screenshot shows the 'Monthly Zeros Form' interface. The title bar has a home icon, a dropdown menu set to 'Monthly Zeros Form', and a user profile icon. The navigation bar shows a back arrow and 'Monthly Zeros Form'. A blue 'Submit Observations' button is at the top. The form includes: 'Station' dropdown ('CO-LR-832 : Fort Collins 0.6 NNW'); a calendar view for 'May 2012' showing precipitation values for various dates (e.g., 0.00, 0.53, 0.12, 0.00, 0.00, 0.00, 0.09, 0.17, 0.04, 0.00, 0.00, 0.00, 0.00, 0.59, 0.01, 0.00, 0.00, 0.00, 0.00, 0.00, T); and a 'Condition Scale Bar' at the bottom.

Data Entry Forms - New Features and Details

Daily Precipitation Observation page

← Add Daily Precip Obs

Enter Multi-Day Accumulation

Station
CO-LR-00 : Test Station

Observation Date & Time
Obs Date: 10/24/2024
Obs Time: 10:00 AM

Precipitation
Gauge Catch: 0.00 in Trace NA / Missing

Observation Notes

Tell us more about the observation.

Back button

Quick link to Multi-day Accumulation report

Drop-down for accounts with multiple stations

Arrows go back or advance a date

Calendar button

Observation Time (clock) button

Quick buttons to report Trace or NA/Missing

Click inside the box to activate keyboard (or microphone!)

Note: "Today" button

Scroll months on the left

Note: "NOW" button

Scroll hours and minutes

Month	SU	MO	TU	WE	TH	FR	SA
Feb							
Mar							Today
Apr							
May		1	2	3	4	5	6
Jun	7	8	9	10	11	12	13
Jul	14	15	16	17	18	19	20
Aug	21	22	23	24	25	26	27
Sep	28	29	30	31			
Oct							

Hour	Minute	AM/PM
4		
5		
6		
7	: 00	AM
8	: 01	PM
9	: 02	
10	: 03	

Data Entry Forms - New Features and Details

Daily Precipitation Observation (continued) - Snow Fields

Snow Fields

24-hr Snowfall

Snowfall:

NA in

Accumulation of new snow to the nearest tenth of an inch

Snowfall SWE:

NA in

Melted value from core of the snowfall to the nearest hundredth of an inch

Snowpack (Total Snow and Ice on Ground)

Snowpack Depth:

NA in

Total snow and ice (new and old) on ground to the nearest tenth of an inch

Snowpack SWE:

NA in

Melted value from core of the snowpack to the nearest hundredth of an inch

Additional Information

Flooding

Select a flooding value... ▼

NEW - Set All Snow Fields to zero with one button!

New - Quick buttons to report Trace or NA/Missing

Data Entry Forms - Multiday Form

Multiday Precip Form

← Add Multiday Precip Obs

Submit Observation

Station
CO-LR-832 : Fort Collins 0.6 NNW

Observation Date & Time

Obs Start Date: < 9/24/2024 >

This day should be one day after your last daily obs or one day after the End Date of the last multi-day obs.

Obs End Date: < 9/25/2024 >

The date the rain gauge was emptied.

Obs Time: 7:00 AM

The time the rain gauge was emptied.

Precipitation

Gauge Catch:
0.00 in Trace NA / Missing

The rain and melted snow to the nearest hundredth of an inch. Information about snowfall should be included in the comments.

Observation Notes

**For observations
spanning more than 24
hours**

HINT

**The start date should be one day
after your last daily observation.**

**Check your 'monthly zeros' page to
confirm the last day of your
previous observation!**

Data Entry Forms

New! - Significant Weather and Hail

The screenshot shows the 'SigWx Form' interface. At the top, there is a home icon, a dropdown menu labeled 'SigWx Form', and a user profile icon. Below this is a navigation bar with a back arrow, a lightning bolt icon, and the text 'Add Significant Weather Obs'. A green 'Submit Observation' button is positioned below the navigation bar. The form contains several sections: 'Station' with a dropdown menu showing 'CO-LR-832 : Fort Collins 0.6 NNW'; 'Observation Date & Time' with 'Obs Date' set to 9/25/2024 and 'Obs Time' set to 7:00 AM; 'Obs Duration in Minutes' with a spinner control and a note 'The time duration that the observation covers.'; 'Precipitation' section with 'Duration Gauge Catch' and 'Total Gauge Catch' both set to 'NA' in a dropdown menu, with 'NA / Missing' highlighted in blue. Below these are descriptive notes for each gauge catch type.

The screenshot shows the 'Hail Form' interface. At the top, there is a home icon, a dropdown menu labeled 'Hail Form', and a user profile icon. Below this is a navigation bar with a back arrow, a star icon, and the text 'Add Hail Obs'. A green 'Submit Observation' button is positioned below the navigation bar. The form contains several sections: 'Station' with a dropdown menu showing 'CO-LR-832 : Fort Collins 0.6 NNW'; 'Observation Date & Time' with 'Obs Date' set to 9/25/2024 and 'Obs Time' set to 7:00 AM; 'Size of Hailstones' section with three dropdown menus for 'Smallest', 'Average', and 'Largest', all set to 'NA'; and 'Duration of Storm' section with 'Hail lasted for' set to a spinner control and 'minutes' next to it, and 'This time is accurate within' set to a dropdown menu labeled 'Select Accuracy'.

REAL-TIME REPORTING

If you experience significant weather or hail, these observations will be routed in real-time to your local National Weather Service office.

Note: These reports are supplemental!
Please still submit a 24-hour total at your normal observation time.

Data Entry Forms

New! - Condition Monitoring

The screenshot shows a web-based form titled "Condition Monitoring Form". At the top, there is a navigation bar with a home icon, the title "Condition Monitoring Form", and a user profile icon. Below this is a sub-header "Add Condition Monitoring Obs" with a back arrow and a gear icon. A prominent green button labeled "Submit Observation" is positioned below the sub-header. The form contains several input fields: a "Station" dropdown menu currently showing "CO-LR-832 : Fort Collins 0.6 NNW", an "Observation Date" field with a date picker set to "9/25/2024", and an "Impact Categories" section. This section includes a link for "More information on impact categories" and a note: "Please check at least one report category. If you check a category, please provide supporting information in the observation notes." Below the note is a list of ten categories, each with an unchecked checkbox: General Awareness, Agriculture, Business and Industry, Energy, Fire, Plants and Wildlife, Relief Response, Society and Public Health, Tourism and Recreation, and Water Supply and Quality. At the bottom of the form, there is a "Condition Scale Bar" and a "Clear Scale Bar" button.

“Once per week
is all we seek!”

Check the [Condition Monitoring Page](#) for more information.

Data Entry Forms - **New!** - Monthly Zeros

Review a month of data on one screen

The screenshot shows the 'Monthly Zeros Form' interface. At the top, there is a 'Station' field, a 'US Units' button, and a 'Metric' button. Below this is a 'Submit Observations' button. The main area is a calendar for September 2021. The calendar shows daily precipitation data in blue boxes (e.g., 1.09 on Sun 29, 0.06 on Mon 30, 2.09 on Tue 31, 0.43 on Wed 01, 0.13 on Thu 02, 0.00 on Fri 03, 0.00 on Sat 04). Some days have a 'Zero' checkbox (e.g., Mon 30, Wed 01, Sat 04, Sat 18, Sun 26, Sun 27, Sun 28, Sun 29, Sun 30, Mon 01, Mon 02). A 'Monthly Total: 12.10"' is displayed at the top right of the calendar. A 'Today' button is located at the top left of the calendar. At the bottom, there are two buttons: 'Daily Precip Obs' and 'Multiday Precip Obs', and a 'Submit Observations' button.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29 1.09	30 0.06	31 2.09	01 0.43	02 0.13	03 0.00	04 0.00
05 0.00	06 Zero	07 2.21	08 Zero	09 0.85	10 0.00	11 Zero
12 0.00	13 0.00	14 0.00	15 0.04	16 3.26	17 1.19	18 Zero
19 1.05	20 2.16	21 0.52	22 0.26	23 Zero	24 0.00	25 0.00
26 0.00	27 0.00	28 0.00	29 0.00	30 0.00	01 Zero	02 Zero

Monthly total displayed at top

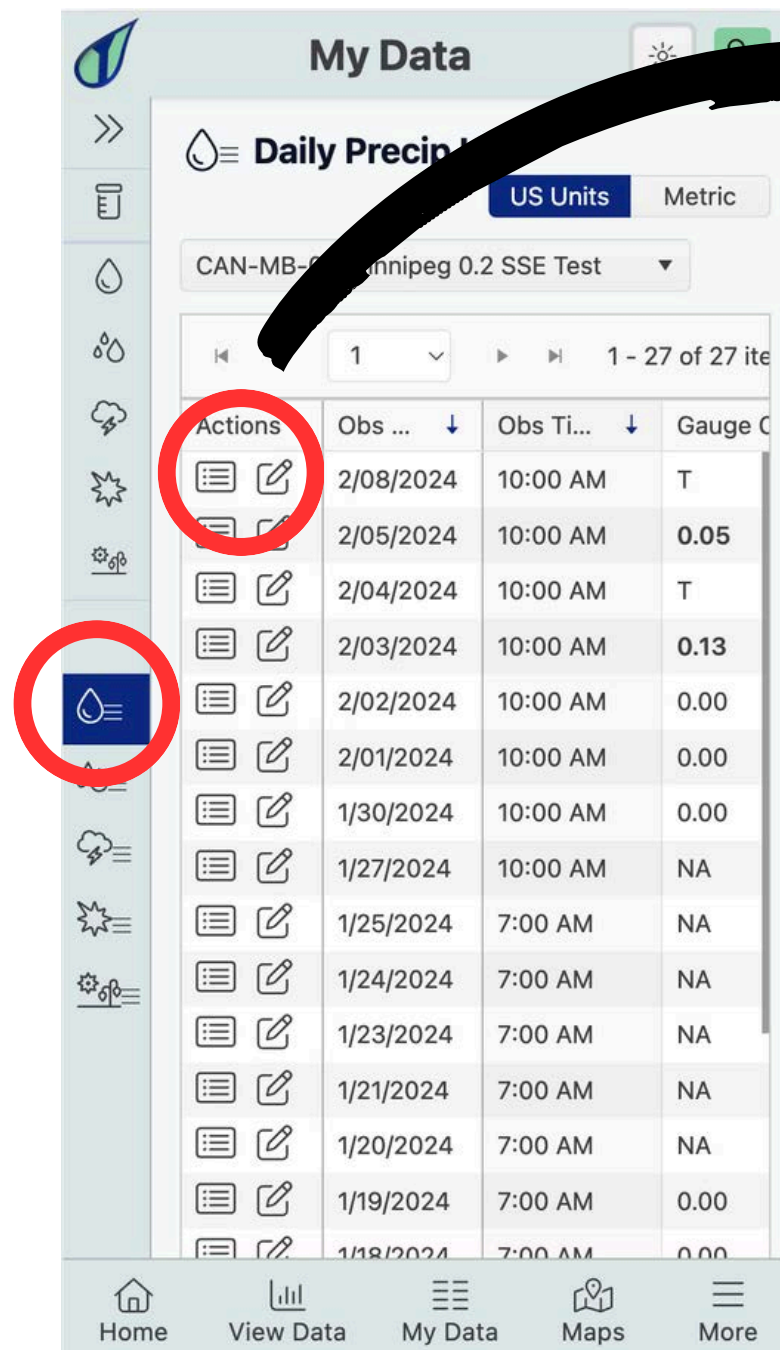
Multiday reports in light green

Daily reports in blue

Catch up on zero precipitation days by clicking any day with a zero!

- Toggle months using the arrow keys
- Select a month
- "Today" button

Listing and Editing Data

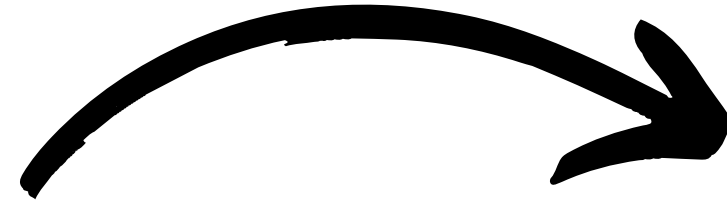


press to **view** the report

press to **edit** the report

- **Scroll the list up/down right/left to view all fields**
- **Click on any column heading to sort the data**
- **Advance to more pages to view all prior data**
- **Available for all report-types supported in the app!**

Listing and Editing Data



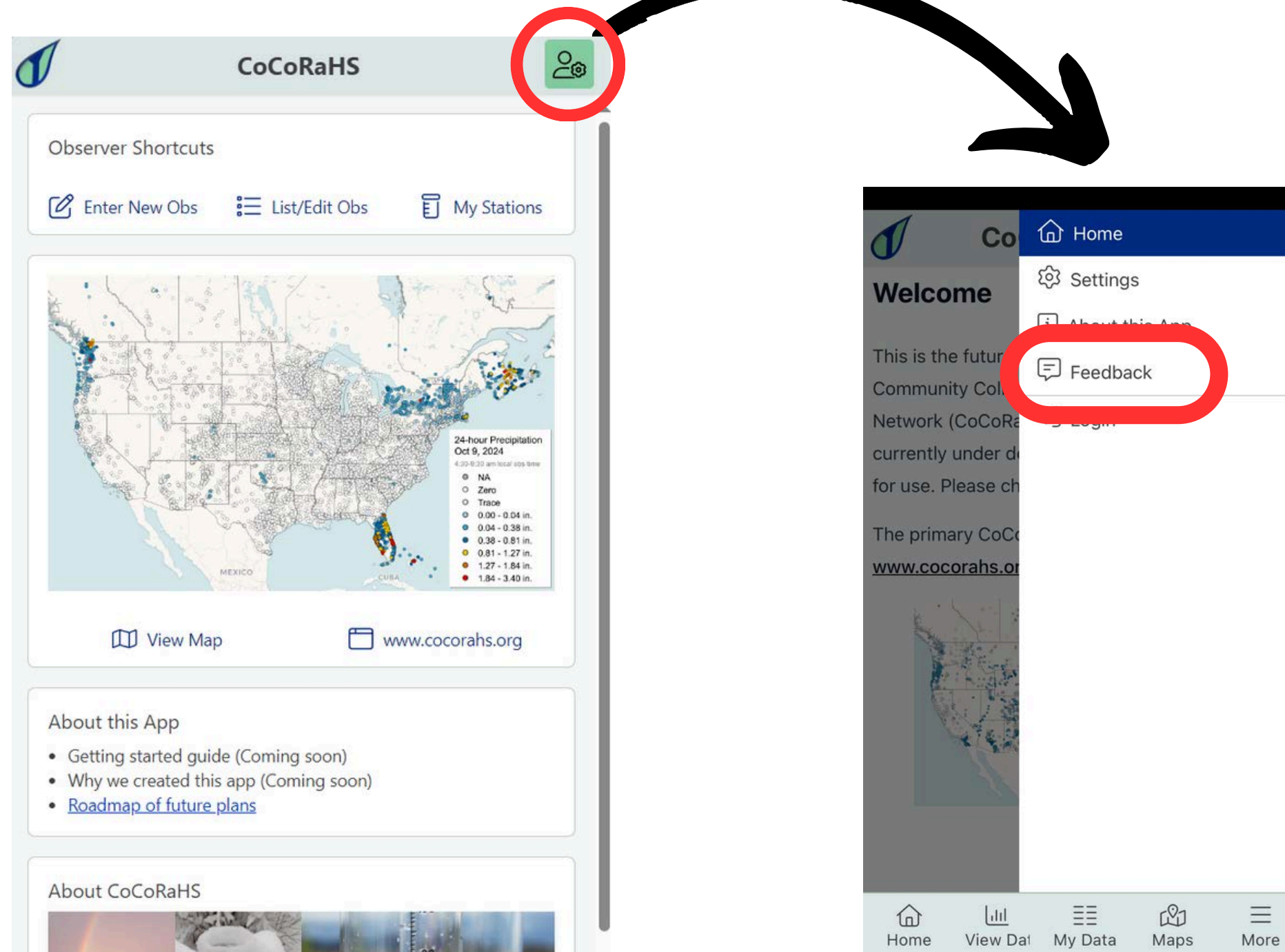
Flip the phone sideways to view more columns at once

Keep scrolling right for even more columns including a checkbox if notes exist and links to the interactive map

Actions	Obs Date	Snowfall (in)	Snowfall SWE (in)	Snowpack Depth (in)	Snowpack SWE (in)	Notes	Map
	10/14/2024	0.0	0.00	0.0	0.00		
	2/09/2024	0.0	NA	NA	NA		
	3/09/2024	NA	NA	NA	NA	<input checked="" type="checkbox"/>	
	3/26/2024	NA	NA	NA	NA		
	3/28/2024	NA	NA	NA	NA		



Feedback



- More settings
- **Feedback!!! (hint, hint)**



<https://mobile.cocorahs.org>

