

User's Guide to Mobilize: Setting up a View and Frost Report

What is Mobilize?



Mobilize is Davis Instruments' powerful, decision support app. It lets you focus on the specific sensor-related issues that affect your fields. Use the application to create custom views of a group of selected sensors. You can choose any sensors that report to any of the Davis systems you own, as well as any that you have been granted access to by another owner.

Choose your views depending on what reports you want to see. For example, if you want a frost report for the low-lying strawberry field, you would choose only sensors in that field for your view. When you create a view, you give it a name and specify its physical location, which usually corresponds to the place where the decisions will be made.

Once you've created your view, you can add the reports you need to monitor that location for any issues that require action. You can select from four different reports: Frost, Crop, Weather, and Irrigation.

Mobilize views and reports give you a snapshot of the exact conditions you need, 24/7 on your smartphone.

You can also view your reports on your account on [WeatherLink®.com](https://www.weatherlink.com), by clicking the "mobilize" tab at the top of the page.

First: Create a View

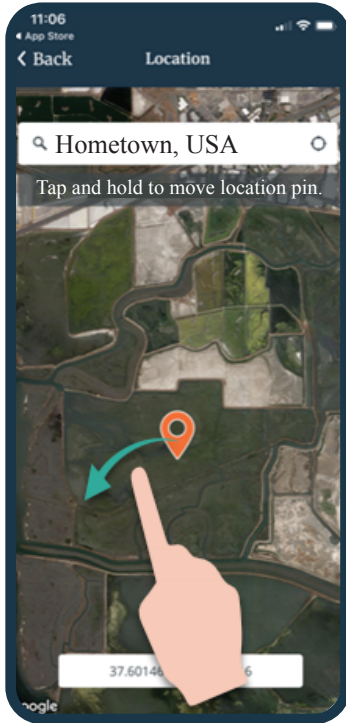
If you have not already done so, download the Mobilize app. The first time you use it, you will be prompted to sign up for a WeatherLink.com account or log in using the username and password you have set up in WeatherLink.com.

When you log into the Mobilize app for the first time, there are no views loaded. Your first task is to make one. Let's walk through an example: create a view to collect data and report on issues concerning our south block of cherries.



1. Swipe through the introductory screens until you come to the **WELCOME** screen.
2. Tap **+ ADD VIEW**
3. Give your view a name. This is the name that will appear in the list of your views on your Mobilize home screen. We'll call it: South Cherries.
4. Tap **Next >**.

Set a location for this view

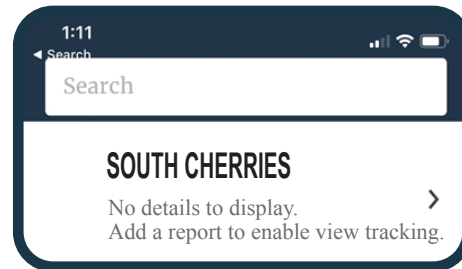


1. Tap **Add GPS Information**
2. Move the pin on the map to your cherry orchard.

Tip: If you are creating this view while standing in the field, you won't need to move it.

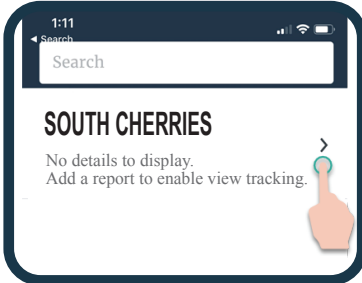
3. Tap **BACK**.

If you tap BACK again, you will see that "South Cherries" now appears in your list of views on the home screen. There are no details yet because we have not set up a report for this view.



Next: Create a Frost Report for this view

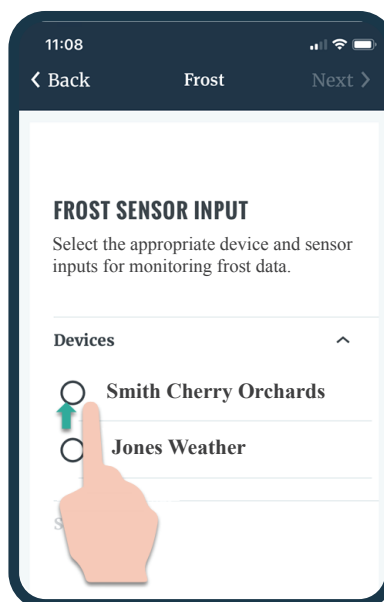
After the view is created, you will see a list of the reports you can add to it.



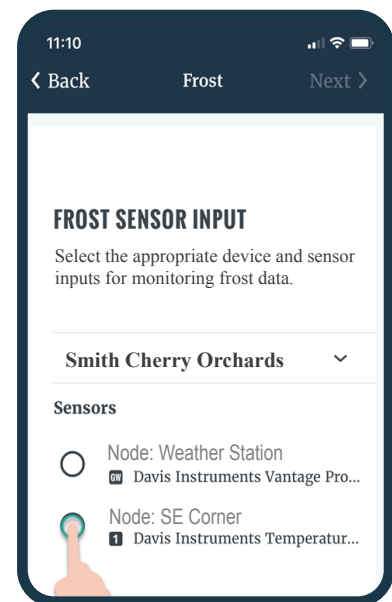
1. Tap the > symbol on the South Cherries view on the home screen to create a report.
2. Tap **FROST**.
You will see a list of available device systems first, then the list of sensors available from your selected device.
3. Select the temperature probe you want to use for frost tracking, then tap **Next**.



1. Choose Report

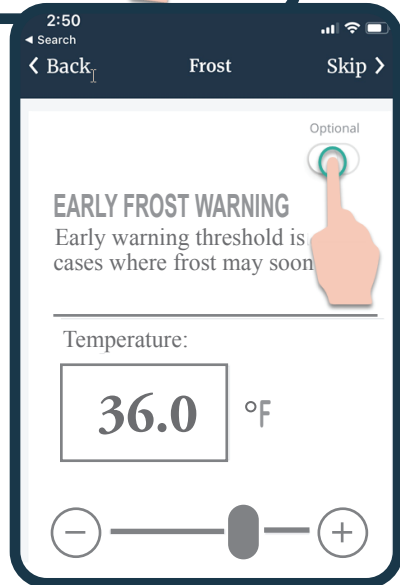
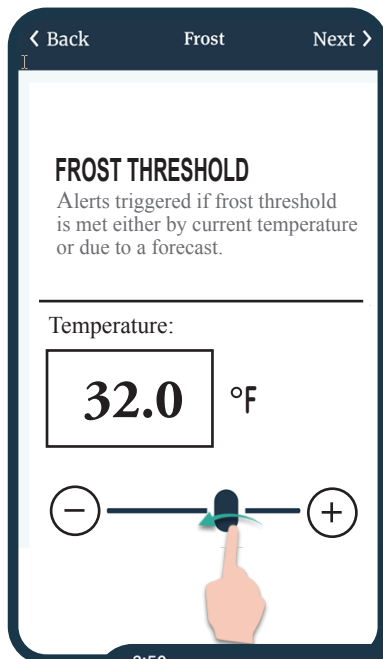


2. Choose System



3. Choose Sensor

Set frost thresholds



Set up other reports for this view the same way.

Weather:

Temp, Hum, THSW; wind speed and direction, gust & 10 min. average; rain; barometer; dew point; solar, UV, & ET.

Crop:

GDD & chill accumulation

Irrigation:

Soil moisture; wilt & stress threshold; pressure, flow meter, rain sensors; ET.

1. Enter your frost threshold. This is the temperature you think is a “red alert value”.

If the system sees the sensor go below this value, or forecasts that this value will be reached within the next 24 hours, it will mark the view on your home page with a “red flag:” a red triangle in the upper left corner of the view listing.

2. Tap **Next**.

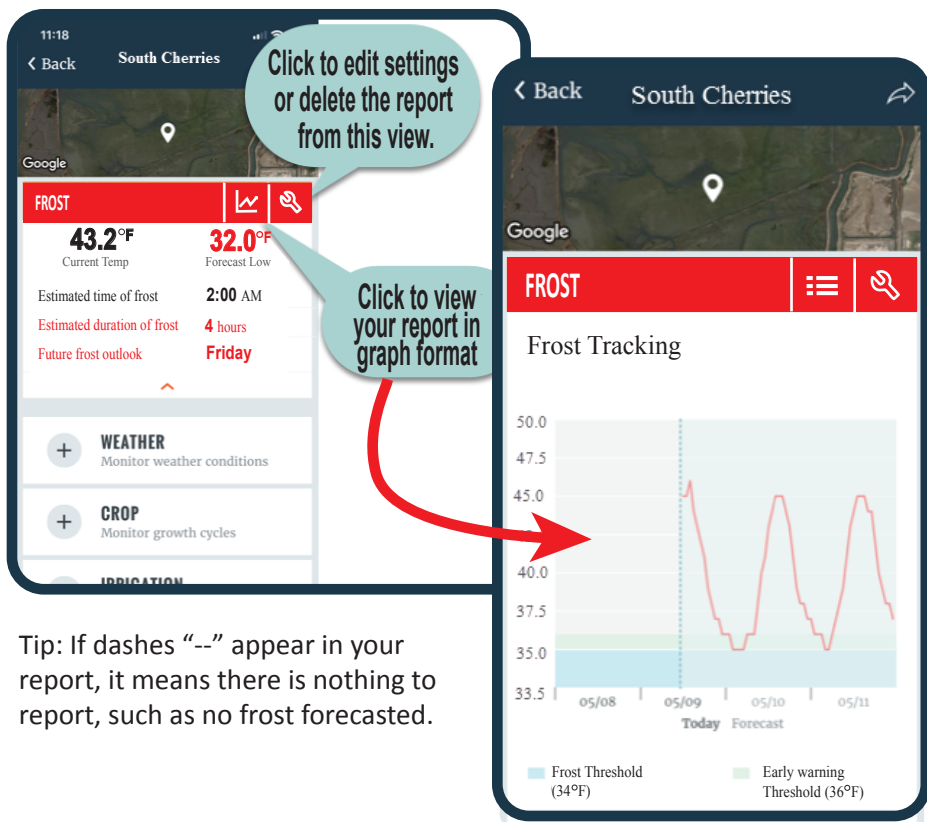
3. For an extra level of protection, you can choose to also get an early frost warning with a frost threshold higher than the first one. If the system sees the sensor go below this value, or forecasts that this value will be reached within the next 24 hours, it will mark the view with a yellow “flag.”

Tap the “**Optional**” button on the Early Frost Warning screen. Then let the “yellow” alert threshold. (If you don’t want an Early Frost Warning, tap **Skip**.)

*Tip: You can select **Back** to change any settings.*

4. Select **Next** then **Save** your Report.

Your frost report for your South Cherries view is at your fingertips.



Tip: If dashes “--” appear in your report, it means there is nothing to report, such as no frost forecasted.

Next: Share your Frost Report

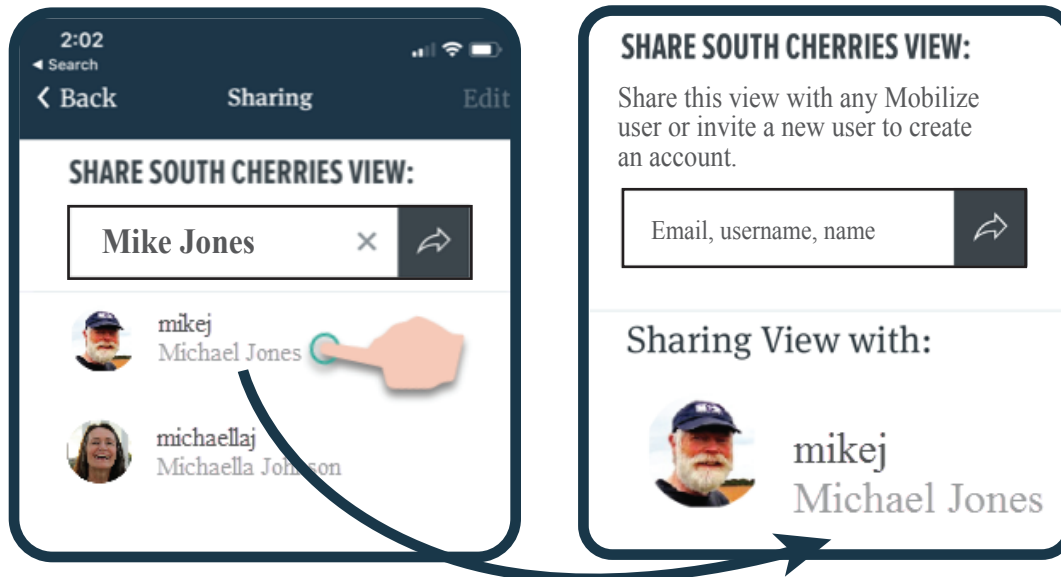
Share your frost report



You can share your report, allowing anyone you choose to have access to it. This allows key members of your team, for example, to have this vital information at their fingertips.

Make sure those with whom you want to share your report have downloaded the Mobilize app and created an account.

1. Open the South Cherries view on your home screen.
2. Tap the “share” arrow in the upper right hand corner of the screen.
3. Enter the user name of the person. (Or enter their name to see a list of possible matches.) Tap the correct person. Mobilize will send that person an invitation to share the view of South Cherries and they will appear in the list of those with whom you have shared the view.
4. Continue to add names, as needed.



PRO TIP: Do you want to get an email or text alert sent to you when critical conditions occur? You can set this up by logging in to your account on WeatherLink.com and using the the “notifications” feature on WeatherLink.com. (Click the tools icon under your name, then choose “notifications.”)

Get Technical Support

For questions about using your Mobilize app, please contact Davis Technical Support. We'll be glad to help.

Online

www.davisinstruments.ocm

See the Weather Support section for copies of user guides, product specifications, application notes, and more.

E-mail

support@davisinstruments.com

Telephone

(510) 732-7814

Monday - Friday, 7:00 a.m. - 5:30 p.m., Pacific Time

