

**RAIN BIRD**  
Build 4.6 Cirrus  
Protom Central  
Control System



# RAIN BIRD Build 4.6 Cirrus Protom Central Control System User Guide

[Home](#) » [RAIN BIRD](#) » RAIN BIRD Build 4.6 Cirrus Protom Central Control System User Guide 

## Contents

- 1 RAIN BIRD Build 4.6 Cirrus Protom Central Control System
- 2 Product Information
- 3 Product Usage Instructions
- 4 FAQ
- 5 Decoder Systems Compatibility
- 6 Decoder Diagnostics
- 7 WatchDog® Weather Station compatibility
- 8 Historical Weather Data
- 9 Programs now available in the Map Menu
- 10 Program creation using Sub-Areas
- 11 Ability to see “Unassigned Stations” in Flo-Manager®
- 12 Single Row Spacing added to Spacing selection
- 13 ABOUT COMPANY
- 14 Documents / Resources
  - 14.1 References
- 15 Related Posts



**RAIN BIRD Build 4.6 Cirrus Protom Central Control System**



## Product Information

### Specifications

- **Product Name:** CirrusPRO™
- **Build Version:** 4.6
- **Compatibility:** Rain Bird Decoder systems
- **Features:** Decoder Systems Compatibility, Decoder Diagnostics, Historical Weather Data, Programs in Map Menu, Single Row Spacing

### Product Usage Instructions

#### Decoder Systems Compatibility

Build 4.6 is compatible with Rain Bird Decoder systems, including IC System, Satellites, LINK Satellites.

#### Decoder Diagnostics

To run the On/Off test or Fault Finding Mode, access the Diagnostics section of CirrusPRO.

#### Historical Weather Data

To view historical weather data:

1. Go to Reports menu and select Weather.
2. Select date range and weather source.
3. Select columns to display and view Hourly/Daily values.
4. Click column header to show/hide data in the graph.

5. Zoom in by dragging with fingers/mouse.
6. To reset zoom, click the reset button.
7. Select individual data points by tapping/clicking.
8. To view Totals/Averages, click the respective button.
9. Turn on/off lines by clicking them in the legend.

### Programs in Map Menu

To view programs from the map:

1. Click on the Map Menu.
2. Select Programs icon to view the list of programs.
3. Expand programs to see schedules and highlight stations on the map by selecting a program or schedule.
4. Control functions at the bottom enable operations.

### Single Row Spacing

Single-Row spacing is now available for precipitation rate calculations. Configure it at the Station definition or in the Sub-Area when setting default values.

### FAQ

- **Are legacy Decoder features available in CirrusPRO?**

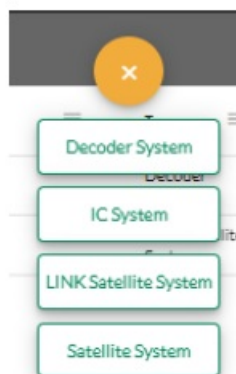
Some legacy features like Pump Source or Current Graph are not yet available in Build 4.6 but will be added in a later build.

- **How do I perform the On/Off test in Decoder Diagnostics?**

Go to Decoder Station Diagnostics, select Decoders to test by filtering, and then run the test.

### Decoder Systems Compatibility

- Build 4.6 is compatible with Rain Bird Decoder systems, which means that CirrusPRO is now compatible with all Rain Bird Golf field control system types including IC System, Satellites, LINK Satellites.
- Note that we are still working on adding some legacy Decoder features in CirrusPRO as some of these features are not yet available, such as the “Pump Source” or the “Current Graph” features. These will be available in a later build.



When adding a “Decoder” interface, please note the limitations per type of interface. You need to enter the proper value in the “Max number of simultaneous solenoids” based on your interface.

**ADD INTERFACE**

Decoder System

Name \*  
Interface 001

Connection Type  
None

Max number of simultaneous solenoids \*  
20

Max simultaneous solenoids for standard solenoids:  
SDI - 15  
MDI - 40  
LDI - 40

## Decoder Diagnostics

- Two Decoder Diagnostics are currently available. The “On/Off” test and “Fault Finding Mode” (also known as the 50/60Hz mode) are available in the “Diagnostics” section of CirrusPRO.
- To run the “On/Off” test, go to “Decoder Station Diagnostics” and select which Decoders to be tested by filtering by hole(s) and area(s) and select “Run Test”.

On/Off Test

By Hole/Area

Serge Decoder Course

Holes 1

Area Fairways (F)

RUN TEST CANCEL ALL

Tested: 7 / 10

7 PASSED 0 NO FEEDBACK

Last Updated 2023/11/27 13:48

Result	Location	Interface	Resting current (mA)	In-rush current (mA)	Holding current (mA)	Hole	Area	Course
✓	1F1	SDI in office (COM16)	11	563	19	Hole 1	Fairways	Serge Decoder Course
✓	1F2	SDI in office (COM16)	11	562	18	Hole 1	Fairways	Serge Decoder Course
✓	1F3	SDI in office (COM16)	14	562	18	Hole 1	Fairways	Serge Decoder Course
✓	1F4	SDI in office (COM16)	8	562	18	Hole 1	Fairways	Serge Decoder Course
✓	1F5	SDI in office (COM16)	13	561	18	Hole 1	Fairways	Serge Decoder Course
✓	1F6	SDI in office (COM16)	14	562	17	Hole 1	Fairways	Serge Decoder Course
✓	1F7	SDI in office (COM16)	13	562	18	Hole 1	Fairways	Serge Decoder Course

- Results are displayed in a table showing the different current values at each step (Resting, In-Rush and Holding).

## WatchDog® Weather Station compatibility

- CirrusPRO is now compatible with WatchDog weather station as a weather source.
- To set up a WatchDog weather station, go to System Settings and Weather. Click the “+” sign, enter a name and select “WatchDog” as your weather source type. Enter your API Key and your serial number (those are supplied by Rain Bird upon purchase of your WatchDog weather station). Set Elevation and retrieval time and click “Save”.

WatchDog WS

Name \*

WatchDog WS

Weather Source Type

WatchDog®

Time Zone \*

(UTC-05:00) Eastern Time (US & Canada)

API Keys \*

16be7b325d9183a07d267c03c66d

Serial number \*

55570050

Elevation \*

2550.0

ft

Retrieval Time

05:00

CANCEL

SAVE

## Historical Weather Data

- CirrusPRO now enables you to view historical weather data from any of your weather sources. To access this data, go to your “Reports” menu and select “Weather”. To customize the data displayed:

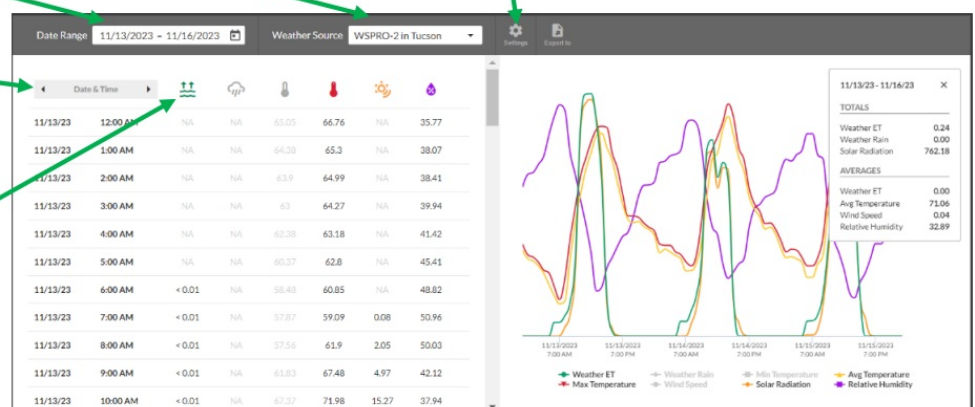
Select a date range

Select a weather source

Select columns to display

Select to view  
Hourly/Daily values

Clicking the column  
header will show/hide  
data in the graph



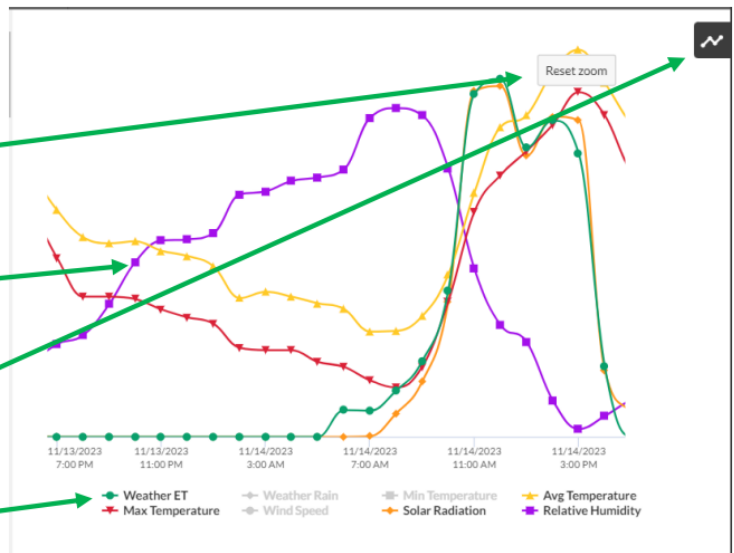
- You can use your fingers/mouse drag to zoom in on an area of the graph.

To reset zoom, click here

Based on your zoom level, you can see individual data points and selecting them with a tap/click.

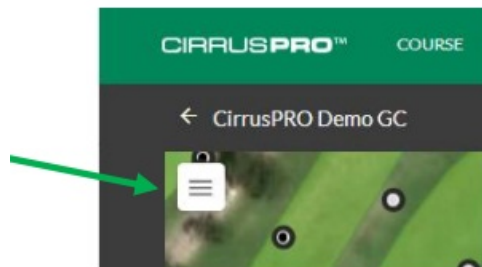
To view Totals/Averages, click here

You can turn on/off lines by clicking them in the legend.



## Programs now available in the Map Menu

- You can now view your programs from the map by clicking on the Map Menu.

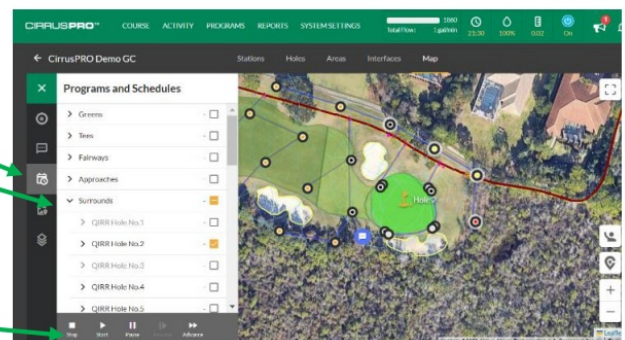


- Selecting a program or schedule will highlight the stations on the map.

By selecting the Programs icon, your list of programs will be displayed.

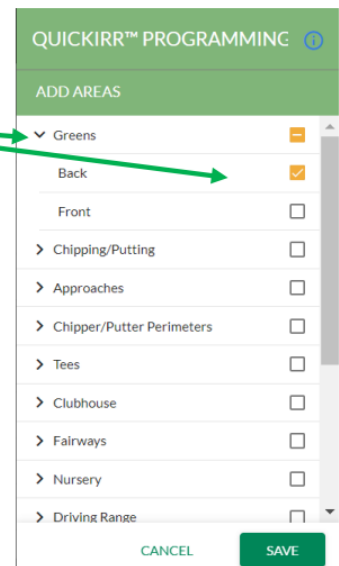
Programs can be expanded to see schedules.

Control functions at the bottom enable operations.



## Program creation using Sub-Areas

When creating a program, “Areas” can now be expanded to allow selection of “SubAreas”, allowing you to fine tune your programs even more.



QUICKIRR™ PROGRAMMING ⓘ

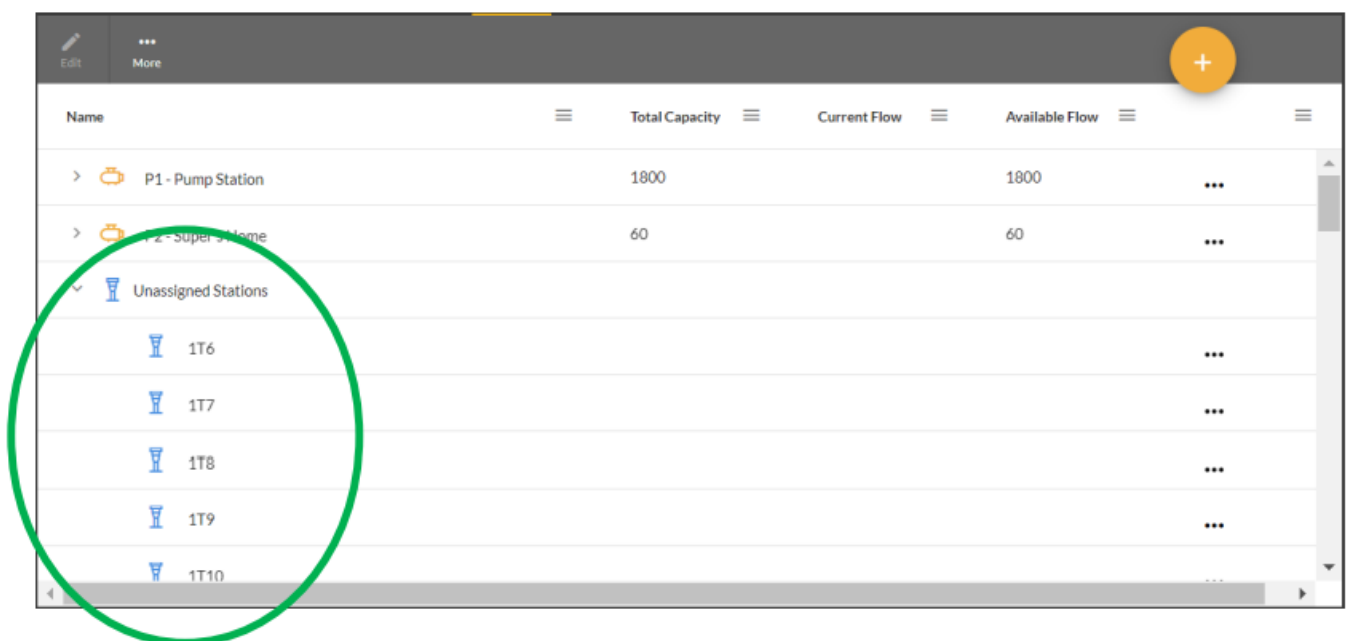
ADD AREAS

- ▼ Greens ☒
- Back ☒
- Front ☐
- > Chipping/Putting ☐
- > Approaches ☐
- > Chipper/Putter Perimeters ☐
- > Tees ☐
- > Clubhouse ☐
- > Fairways ☐
- > Nursery ☐
- > Driving Range ☐

CANCEL SAVE

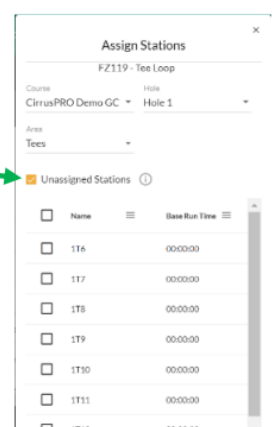
### Ability to see “Unassigned Stations” in Flo-Manager®

It is now possible to see which stations have not yet been assigned to a Flo-zone simply by going to Flo-Manager in System Settings.



Name	Total Capacity	Current Flow	Available Flow	
> P1 - Pump Station	1800		1800	...
> P2 - Super 3 Home	60		60	...
▼ Unassigned Stations				
1T6				...
1T7				...
1T8				...
1T9				...
1T10				...

You can also see these stations when assigning stations to a Flo-Zone by making sure the “Unassigned Stations” checkbox is selected.



Assign Stations

FZ119 - Tee Loop

Course: CitrusPRO Demo GC Hole: 1

Area: Tees

☒ Unassigned Stations ⓘ

Name	Base Run Time
<input type="checkbox"/> 1T6	00:00:00
<input type="checkbox"/> 1T7	00:00:00
<input type="checkbox"/> 1T8	00:00:00
<input type="checkbox"/> 1T9	00:00:00
<input type="checkbox"/> 1T10	00:00:00
<input type="checkbox"/> 1T11	00:00:00
<input type="checkbox"/> 1T12	00:00:00

### Single Row Spacing added to Spacing selection



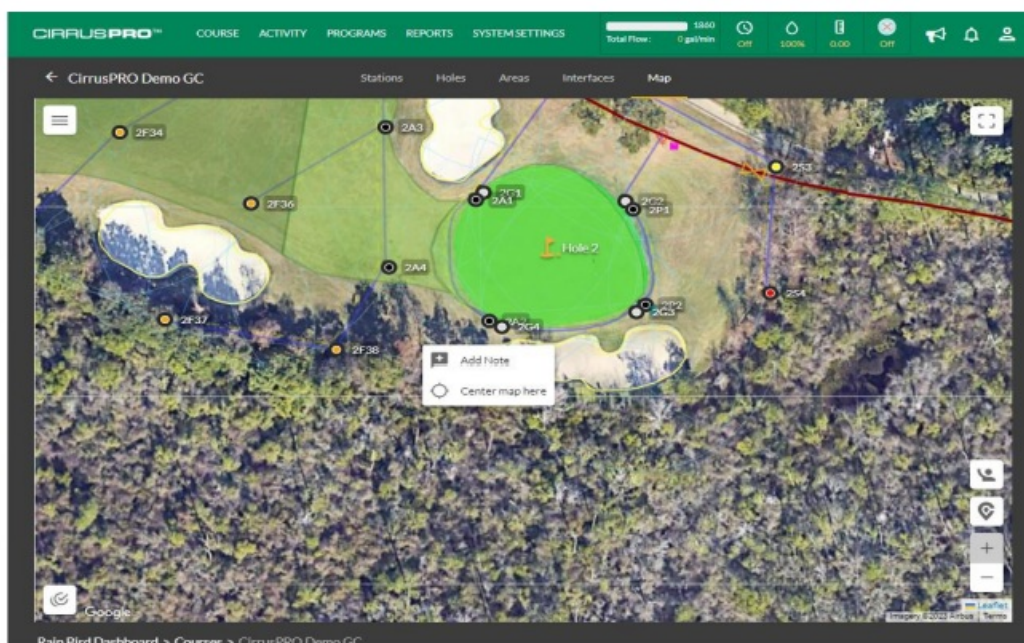
Single-Row is now an available spacing configuration for precipitation rate calculations. This is available at the “Station” definition or in the “Sub-Area” when configuring the default values.

#### Notes:

Users can now add Notes from many places within CirrusPRO. What was previously known as “Notes” in the “Station” table has been renamed “Description” to avoid confusion with this new feature.

#### 1. Creating Notes directly from the Map:

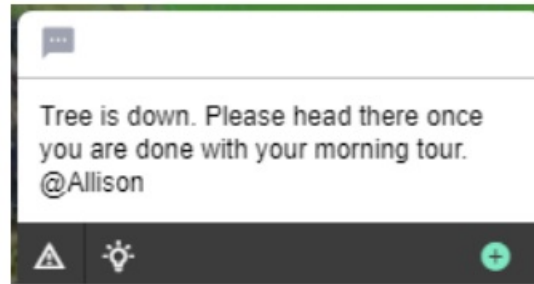
- You can now add Notes anywhere on the Map. As an example, a tree fell down near Green #2 and you want to alert one of your colleagues. From the Map, from your mobile device, long press on the map where the tree fell and select “Add Note” (if on a PC, right-click to add a Note).



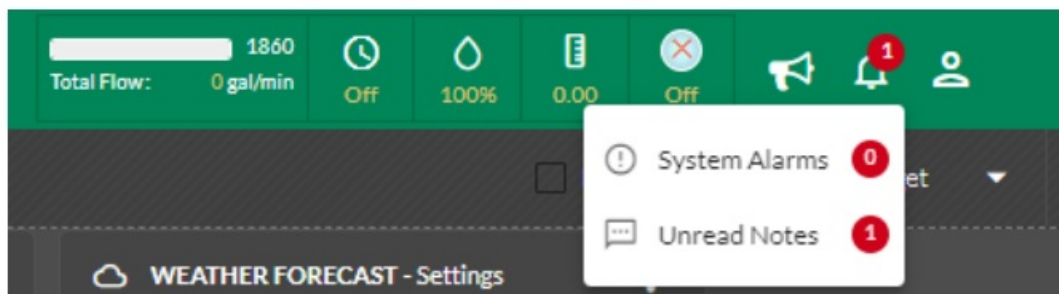
- A small pop-up will appear for you to type your note. From a mobile device, you can use the built-in



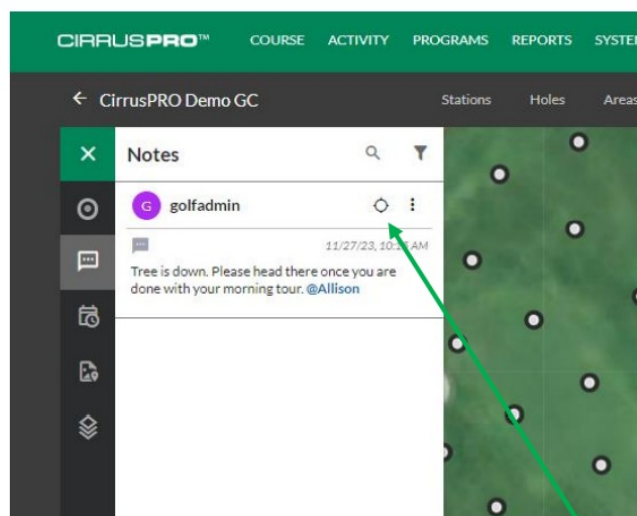
“voice- to-text” to dictate your note. Once your text is complete, you can use the “@” to assign this Note to a colleague. This will prompt a list of users to appear for you to select. You can finish typing the name or select from the list.



- Click the “+” sign to add this Note to CirrusPRO.
- Allison will receive a notification from within CirrusPRO. When she taps on the notification bell, she will see that there is an unread Note for her.

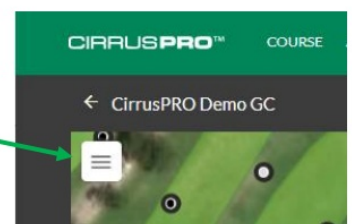


- When tapping that notification, it will take Allison to the Note that was assigned to her.



To see where on the Map the Note was created, Allison can click here. If the Note is not visible on the Map, Allison needs to ensure that that common layer is activated in the Map Menu.

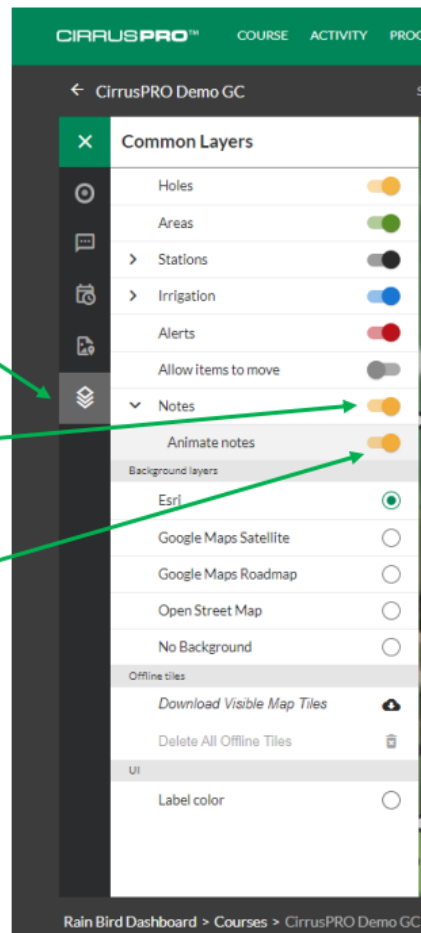
To do so, in the Map Menu,



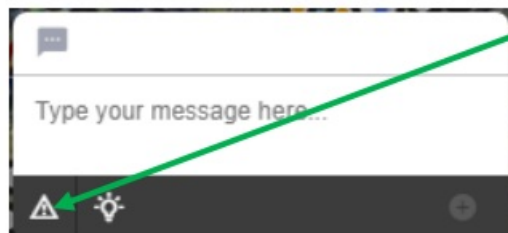
Select the "Common Layers"

And make sure that "Notes" is Turned on.

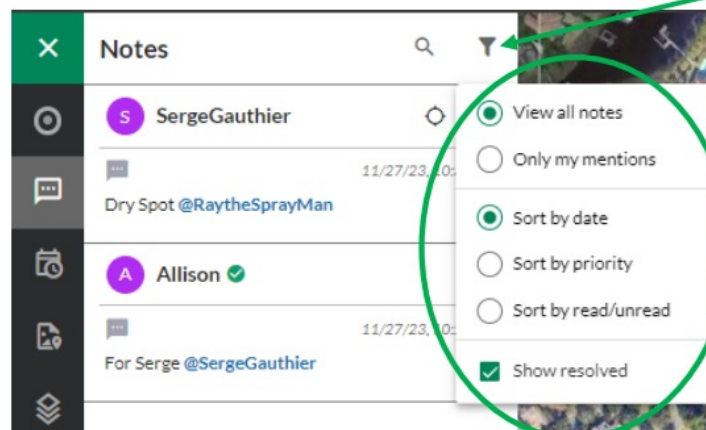
You can also animate the Notes on the map by selecting "Animate Notes".



- When creating a Note, you can mark it as "Urgent" by clicking on this icon



- In the "Notes" section of the Map Menu, you can filter Notes by selecting the Filter icon.

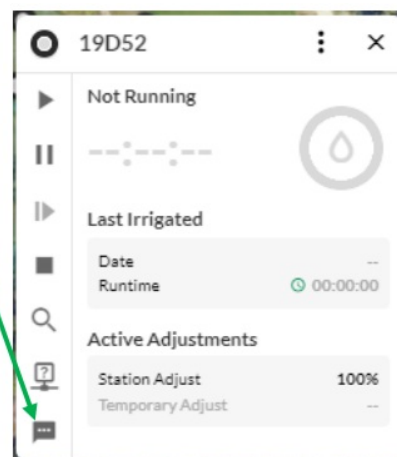


## 2. Creating Notes for stations:

If you long press (or right-click) on a station from the map, you can also add Notes to stations by selecting the “Notes” icon in the lower left corner of the station pop-up.

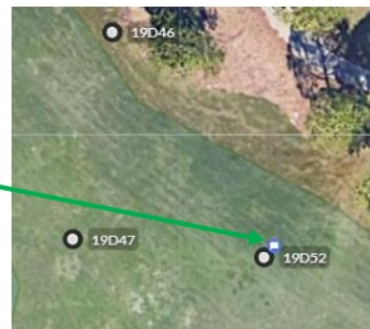
These Notes also show up in the “Stations” screen attached to the corresponding station.

Location	Name	Status	Default Runtime	ET	Adjust	Description	Notes
19D51	19D51	-	00:10:00	100%	100%	-	
19D52	19D52	-	00:10:00	100%	100%	-	Note icon
19D53	19D53	-	00:10:00	100%	100%	-	
19D54	19D54	-	00:10:00	100%	100%	-	



A small “Note” icon also shows next to the station on the map.

The Note can also be created directly from the “Stations” screen and the icon will appear on the Map once created.



### 3. Creating Notes elsewhere in CirrusPRO:

Notes can be created in other areas of CirrusPRO, such as from the “Activity/Completed” screen when in Course view. You can tap or click on any of the cells and you will have an option to show/create a note.


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A1	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-	0.08	0.08	0.08	0.08	-	0.08	0.08	0.08
A2	0.08	0.04	0.08	-	0.08	0.08	0.08	0.08	0.08	-	0.08	0.08	0.15	0.08	-	0.08	0.08	0.08
A3	0.08	0.04	-	-	0.08	0.08	0.08	-	0.08	-	0.08	0.08	-	0.08	-	-	-	-
A4	0.08	0.08	-	-	0.08	0.08	0.08	-	0.08	-	-	0.08	-	-	-	-	-	-
A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## ABOUT COMPANY

- Rain Bird Corporation
- Golf Division
- 6991 E. Southpoint Road, Tucson, AZ 85756
- Phone [520-741-6100](tel:520-741-6100)

- Fax [520-741-6146](tel:520-741-6146)

## Documents / Resources

	<p><a href="#">RAIN BIRD Build 4.6 Cirrus Protom Central Control System</a> [pdf] User Guide Build 4.6, Build 4.6 Cirrus Protom Central Control System, Build 4.6, Cirrus Protom Central Control System, Protom Central Control System, Central Control System, Control System, System</p>
---	--

## References

- [User Manual](#)

### [Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.