

ClimateMinder® Monitoring Solutions

Knowledge You Can Trust, For Every Crop, For Every Season

Rain Bird® ClimateMinder and ClimateMinder Professional Monitoring Solutions provide valuable insights so you can improve yield, save on inputs, and know your field conditions. Cover more acres with less labor, and get the maximum return.



Improve Yield & Reduce Inputs

Use less labor to cover more acres with the data to know that every drop of water, every irrigation decision was made at the right time to maximize crop yield.

Quality You Can Rely On

You are making critical decisions based on data, make sure it is data you can rely on. Trust a system built by a company founded in agriculture over 80 years ago.

You Don't Have to Go It Alone

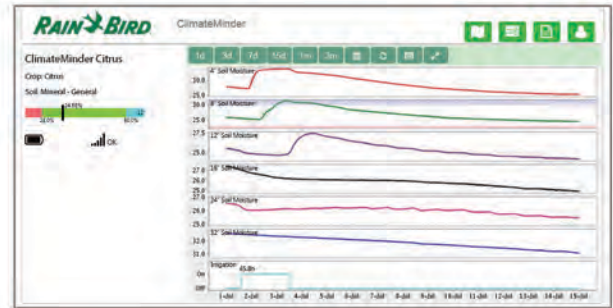
It is not always easy to put your trust in data, so put your trust in the people behind it. Dedicated, available support, so you get the most out of your system.



ClimateMinder®

Quality and Affordability

- The most affordable way to get Rain Bird quality soil moisture and irrigation event monitoring
- Built to the same high standards as all our monitoring and control products
- Clean templates, icons, and reports take the guesswork out of irrigation management



Easy to Use Web App

Easy to Use and Well Supported

- Simple to use clean interface answers the questions you need to know:
 - Did I irrigate too much? Not enough?
 - Did I leach fertilizer? Or not penetrate at all?
 - Did my irrigation run last night? Was it turned off?
- Installation and how-to videos, quick start guides, as well as 1-800 telephone and email support for any questions



A System You Can Grow With

- Share your data with employees and advisors, so everyone has what they need to help you grow
- Start with one unit, add a few more, all your data on the same, easy to read interface
- When you are ready for more capability, add a ClimateMinder Professional Gateway to unlock customizable charts and reports



Mobile access anytime, anywhere



Available Configurations

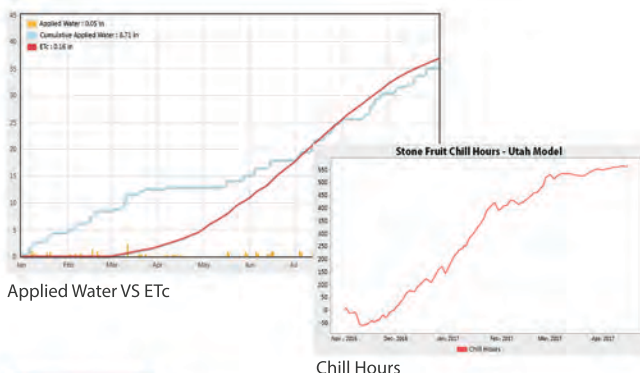
- A choice of Rain Bird CMP40 Soil Moisture Probes
 - 16" – 4 measurement depths
 - 32" – 6 measurement depths
- Includes a Pressure Switch
 - Triggered at 5psi
- Onboard Data Storage
 - Readings every 15 minutes
 - Reporting every 3 hours
- Solar Power/Battery Backup
- Plug and Play Connectors
- Push Button Diagnostics
 - Take data sample, transmit, test signal quality



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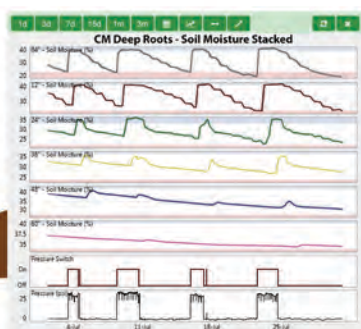


Applied Water VS ETc

Chill Hours

FROST ALERT!
Citrus Block 30
36 degrees

Text
Voice
& Email Alerts



Customizable Charts/Dashboards



Smart Blocks with Easy Reporting

Flow Totalizer		
CMPro Block 30		
YTD	121,357,797 gal	372.43 ac-ft
MTD	15,461,980 gal	35.55 ac-ft
WTD	2,349,002 gal	7.2 ac-ft

Water Usage

A Powerful Tool for Advanced Farming

- Microclimate field data for weather and ET
- Irrigation system status including line pressure, on/off, runtime and other critical irrigation system monitoring
- Easy regulatory compliance with flow monitoring and applied water reporting, weekly, monthly, and annually
- Multi-sensor decision support - ET vs. Applied water, disease modeling, and advanced calculations
- Advanced unlimited alerting for frost or any defined reading

Quality and Reliability, Customized to Your Needs

- A customizable interface with indicators and charts that quickly relay information growers need
- Real-time data on screen, or in custom emailed reports for you and your team to respond quickly to field conditions
- Track soil moisture with sensors at multiple depths, so you know in real time how the water is moving through the soil

Supported Sensors

- Rain Bird CMP40 capacitance profile probe. 16". 24". 32". 40". 48". 60"
- Other single or multiple depth soil moisture, temp, and EC
- Pressure switch or pressure transducer
- Temperature and humidity
- Leaf wetness
- Rain and wind
- Solar radiation
- Flow
- Tank and well depth
- Trunk and fruit size (*Dendrometer*)

Hardware

We call it the Gateway, packed with sensors that accurately record and send data to the cloud. This data is processed, and actionable results are displayed on the ClimateMinder website or in easy to read reports.

To expand decision making, additional sensor nodes can be installed. Packed with the same abilities these nodes send data to the Gateway where it is forwarded on to the cloud.

With recharging batteries, self-healing network, and Rain Bird probes and sensors, you don't have to worry about hardware, just what can be done with the mission-critical real-time data it provides.



ClimateMinder® Monitoring Solutions

	ClimateMinder	ClimateMinder PROFESSIONAL
Data Recorded	15 min	15 min
Data Transmitted	3 hr	15 min
Rain Bird Probe Options	16" & 32"	16", 24", 32", 40" 48", 60"
Pressure Switch	✓	✓
Soil Moisture Indicator	✓	✓
Soil Moisture Historic Data	✓	✓
Refill and Field Capacity Thresholds	✓	✓
Emailed Reports	✓	✓
Customizable Charts		✓
Customizable Reports		✓
Advanced Modeling		✓
Flow and Applied Water Tracking		✓
Alerts by Text, Email, Phone		✓
Temp/Humidity, Wind/Rain		✓
Additional & Third Party Sensor Support		✓

Other ClimateMinder® Products

ESP-LX Series Controllers with ClimateMinder Control can be accessed via the ClimateMinder or ClimateMinder Professional apps. With the same login as your monitoring solution, you can setup, modify, or initiate irrigation sets.

ClimateMinder monitoring along with ClimateMinder Control create a reliable total solution to review field condition, and update irrigation schedules anytime, anywhere.



ESP-LXD & ESP-LXME With ClimateMinder Control



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