

perry  weather

Weather Safety Platform Overview

Enhance Operations, Protect Workers, and
Minimize Delays with Perry Weather

[Self-Guided Platform Tour](#)

Trusted by Organizations In Florida and Nationwide



“After looking at multiple options, **Perry Weather wins hands down** over the competition. It has alerted us to every dangerous situation. We are very happy and look forward to many years of great service.”



**Lane Aymond, Safety Manager,
Bilfinger Industrial Services**

“**Easy to use software, very responsible.** The meteorologist service has been great. We’ve appreciated the great communication with Perry Weather.”



Leeward Renewable Energy

“Perry Weather provides **the most accurate** weather app and tracking of lightning in an area that I’ve ever experienced.”



Holder Construction

[Watch Customer Stories](#)



Powerful Hardware. Easy to Use Software.



On-Site Data

Monitor real-time, on-site precise weather data specific to your facilities.



Central Dashboard

View all assets, data, and alerts in one user-friendly platform.



Web + Mobile App

Access Perry Weather from anywhere, even on the go from mobile + desktop apps.



Outdoor Warnings

Broadcast critical weather updates and safety instructions directly on-site to workers.



Automated Alerts

Automated alerts via text, push notifications, or outdoor warning systems.



Historical Data

Leverage weather data to plan maintenance schedules, adjust operations, and minimize delays



Policy Integrations

Predefined actions and alerts trigger based on your company's weather policies.



User Management

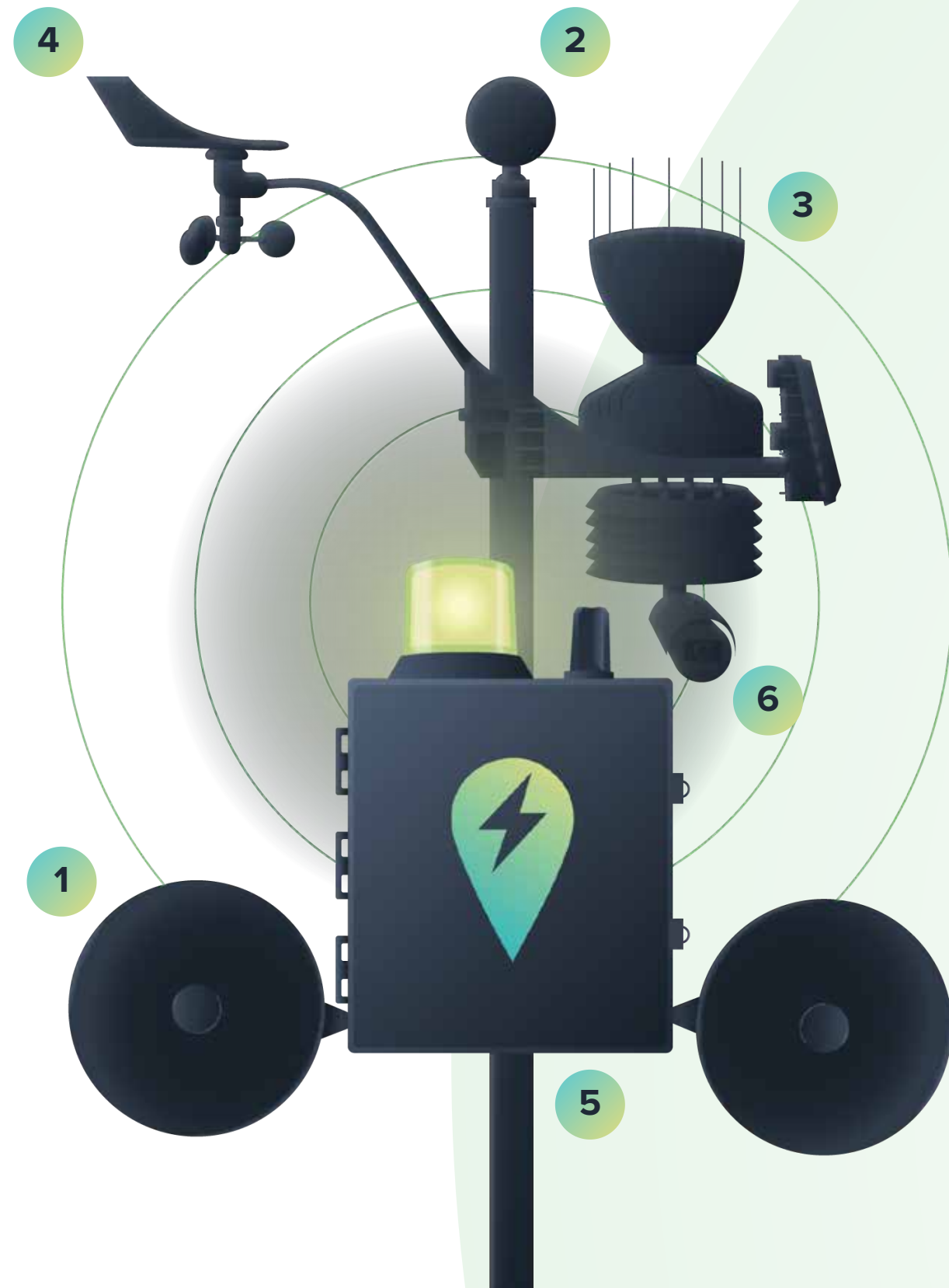
Create user groups so staff members get the notifications that are relevant to them.

On-site weather stations track conditions and provide precise weather data from all your facilities.

Monitor all key properties in your organization through one simple dashboard, accessible via mobile app or web browser.

Receive automatic alerts aligned with your organization's weather policies via text, push notifications, or outdoor warning systems.

On-Site Weather Station & Warning System with Precise Monitoring and Audible Alerts



1 127dB Siren/Speaker

Automatic siren sounds when lightning is detected. Manually trigger alerts with text-to-speech.

2 Black Bulb Sensor

3.5" commercial grade black bulb instrument for the most accurate wet bulb globe temperature (WBGT) readings.

3 Rain Gauge

Measures the precise on-location precipitation values over a given period of time.

4 Wind Gauge

Instrument that monitors wind speed, wind chill and wind direction.

5 Housing Box

Watertight protection for internal components and 12V DC backup battery.

6 Streaming Camera

1080p HD camera captures images every hour. Live-streaming options available.

Monitor All Your Key Properties From One Dashboard

1 Location Toggle

Toggle between locations to quickly see weather conditions for specific locations in your facilities.

2 Current Conditions

Monitor current conditions such as temp, precipitation heat index, wind speed/direction.

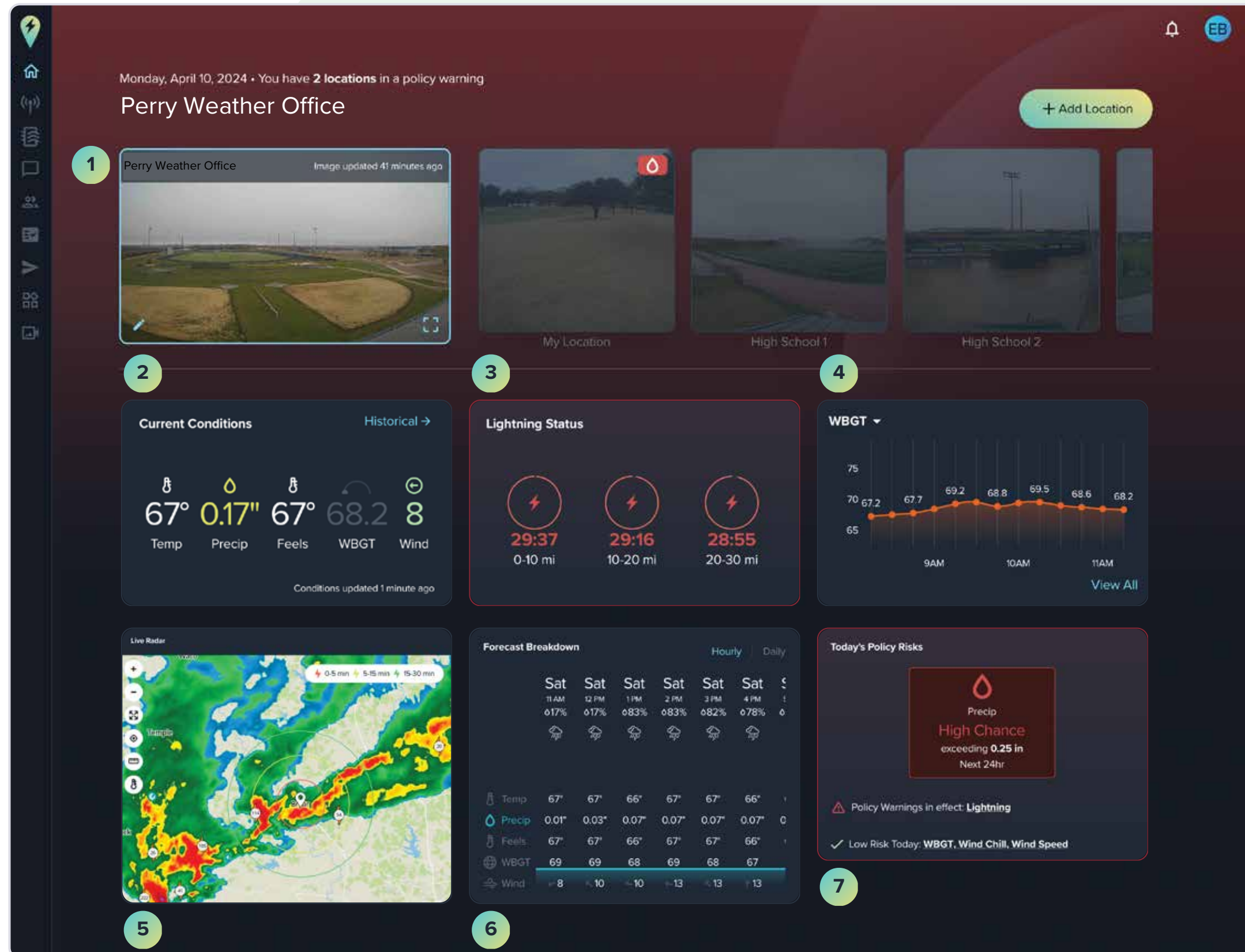
3 Lightning Status

When lightning strikes within your policy ranges, a countdown timer begins so you know exactly when it's safe to resume activities. Timers reset after new strikes.

4 Historical Data

Monitor on-site weather data and access or export historical data.

- ✓ Wind Speed
- ✓ Temperature (°F)
- ✓ Precipitation
- ✓ Wet Bulb Globe Temperature



5 Live Radar

Track storms with live or future radar. Monitor lightning strikes within your policy zones including ground strikes and cloud strikes.

6 Forecast Breakdown

Monitor current conditions such as temp, precipitation heat index, WBGT, and wind speed/direction.

7 Policy Risk Forecast

View hourly or 7-day forecasts for weather conditions like temperature, precipitation, heat index (feels like), wet bulb globe temperature (WBGT) and wind speed/wind direction.

Instant Notifications Powered By Your Weather Policies

- 1 Set your organization's policy thresholds and select which individuals or groups get notified. (Our support team can do this for you.)

Lightning Zone Policy

Update the notification settings you would like to enforce.

Policy * Lightning Strike ▼

Notify at * 10 MI

All Clear * ⓘ 30 MIN

Apply to * Perry Weather Team ▼

Apply to all groups

- 2 Customize notifications your staff receives when lightning policies impact outdoor activity.

Warning Settings Alert


Message

⚡ There's a Lightning Strike 9.6 miles from your location at 10:02 AM. Seek shelter immediately!

Additional message
Added to the end of the message above.

Prepare to seek shelter. Arrange tools and equipment for easy removal.

- 3 When policies are in effect, your staff receives instant notifications via mobile push notification or text message.

 **Perry Weather**

⚡ There's a Lightning Strike 9.6 miles from your location at 10:02 AM. Seek shelter immediately!


Warning Settings All Clear

Message

✅ Safe to resume work. Stay alert for future lightning strikes.

Additional message
Added to the end of the message above.

30 minute all clear, {{previous zone}} - 20 mile zone from your location

 **Perry Weather**

✅ 30-minute All Clear. Safe to resume work. Stay alert for future lightning strikes.

Accurate Lightning Detection with **Instant Alerts**



World Class Detection

Perry Weather gets its lightning data from the NLDN, the same network NASA and the US Coast Guard rely on. You'll get alerts in under 15 seconds after a strike happens on average.



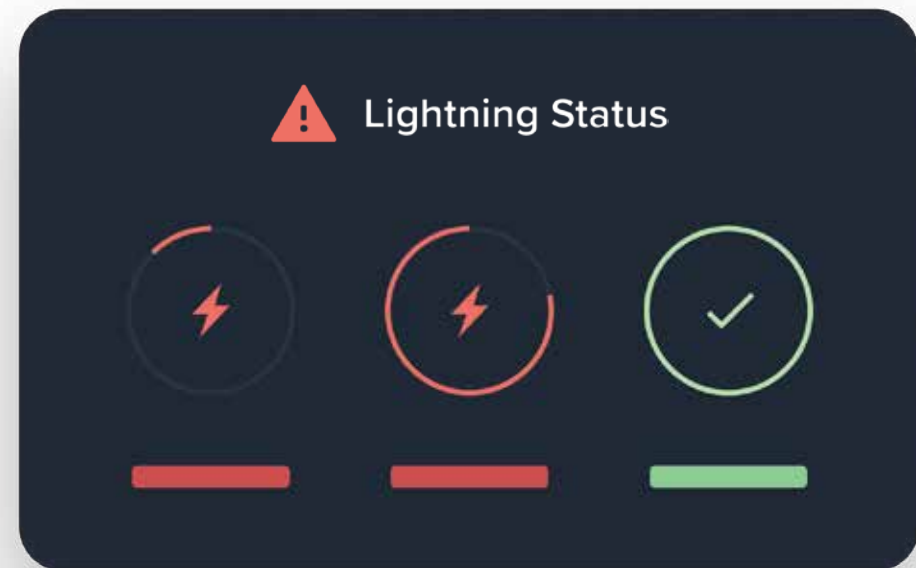
Automated Alerts

Receive guided alerts via SMS, push notification, or outdoor warning systems so everyone knows what to do next.



Countdown Timers

When lightning hits within your set policy ranges, countdown timers start, telling you exactly when activities can safely restart. If there's a new strike, the timer resets.



We Don't Stop at Weather Monitoring and Alerts

24/7 Access to Pro Meteorologists

When decisions are difficult to make, or if you have an upcoming event with storms in the forecast, lean on the Perry Weather meteorologist team! Available via email, phone, or text 24/7!



Example Meteorologist Team Use Cases:

Extreme Weather Events

You're managing a building construction in a region prone to extreme weather events. We'll provide early warnings of potential hazards enabling proactive measures to protect equipment.

Maintenance Woes

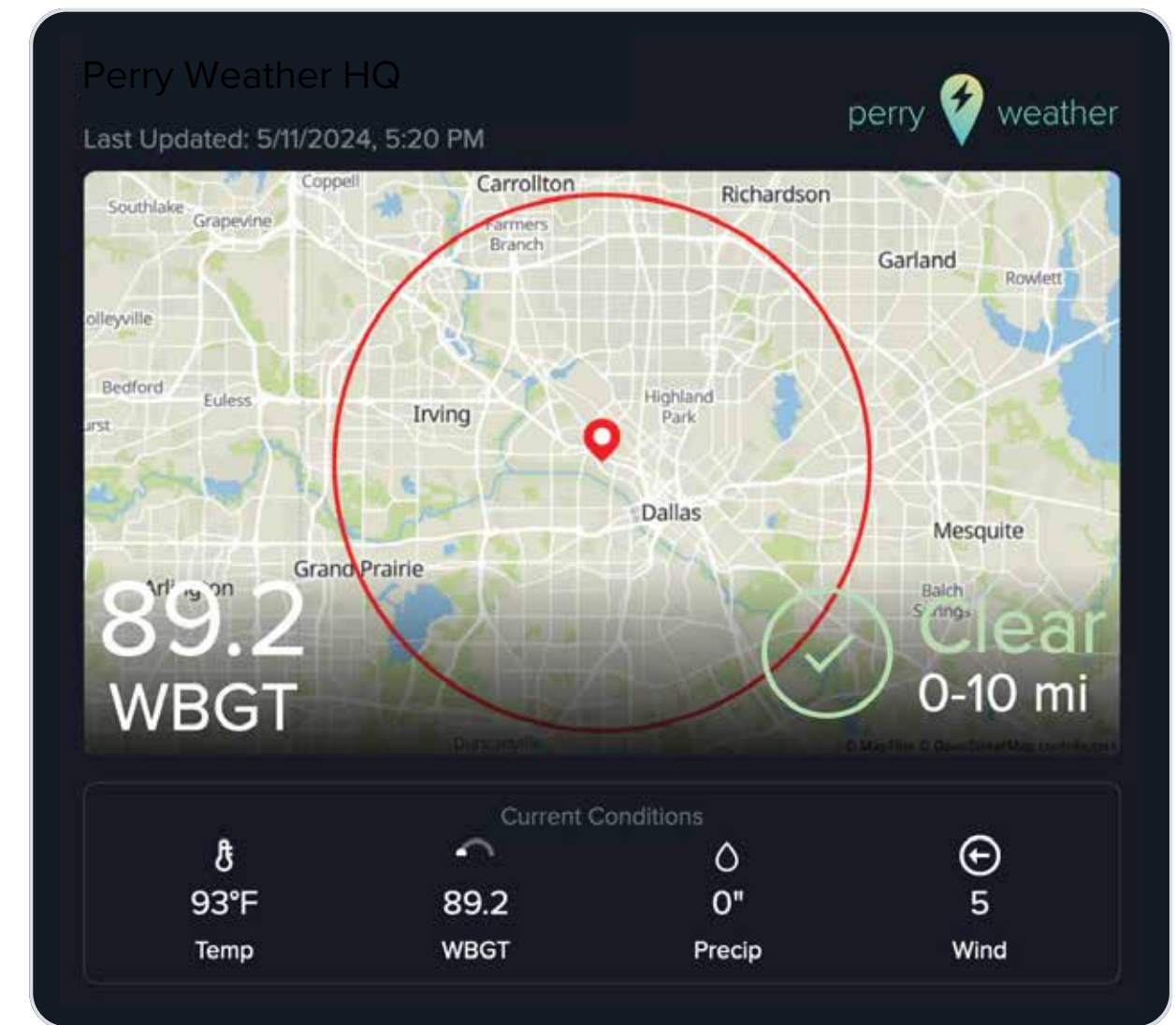
Weather extremes damage equipment, forcing unplanned maintenance and downtime. We'll help you predict issues and optimize resources.

Lightning Fast Advice

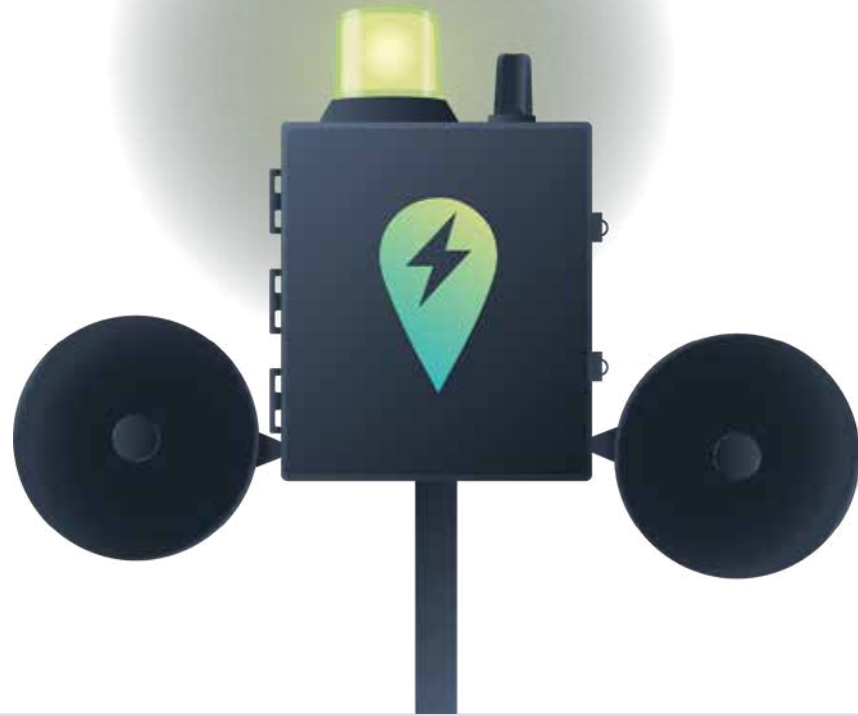
Consult with meteorologists to schedule critical activities like concrete pouring, crane operations, or roofing installations, minimizing risks and delays.

Display Custom Widgets on Any Screen

Embed custom widgets that display weather conditions to the company on websites, hallway TVs, scoreboards, and more!



Outdoor Warning System Specifications



Warning System Features

- Automatic or manual triggering
- Custom alert times
- Text & email notifications
- Install anywhere
- Text-to-speech
- Integrates with weather station
- Remote monitoring
- Web & mobile app integration



High-vis Strobe Light



Installation Options

- Assisted installation
- Self installation
- White glove installation



Power & Connectivity

- Hard-wired (120V AC)
- 12V DC backup battery
- 100-watt solar panel (optional)
- Dedicated cellular network



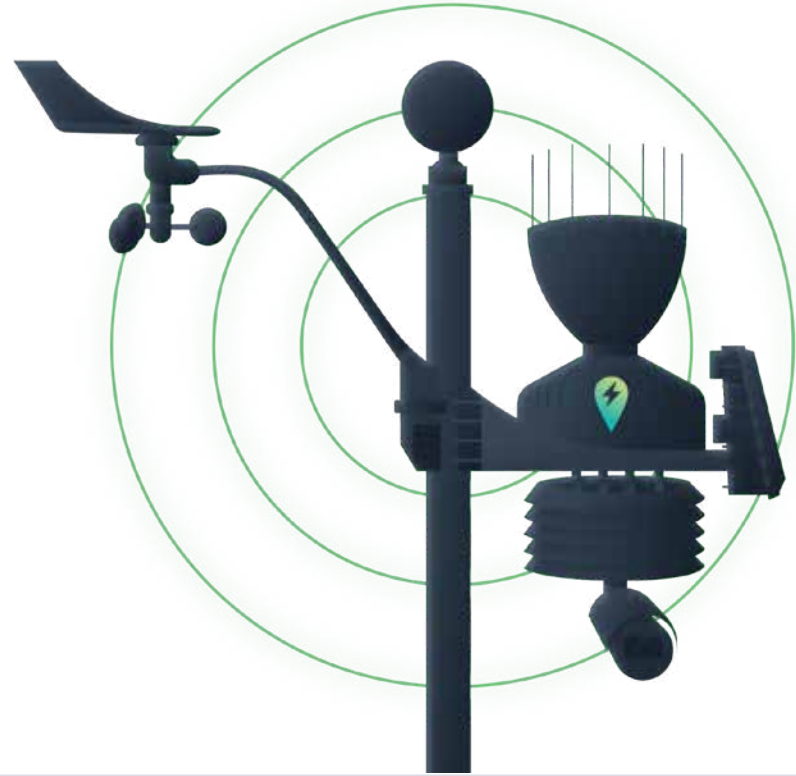
Siren Specifications

- 127dB audible siren
- Customizable horn direction

Additional sirens available upon request



Weather Monitoring Station Specifications



3.5" Black Bulb Sensor



HD Wide Angle Camera



Wind Speed/Direction Gauge



On Board Sensors

- Air Quality
- Heat Index
- Humidity
- Precipitation
- Temperature
- Wind Chill
- Wind Direction
- Wind Speed
- Wet Bulb Globe Temperature (WBGT)



Power & Connectivity

Hard-wired (120V AC)
12V DC backup battery
100-watt solar panel (optional)
Dedicated cellular network



Installation Options

Assisted installation
Self installation
White glove full-installation



Outdoor Warning System **Frequently Asked Questions**



1 How does Perry Weather detect lightning?

Perry Weather uses the **National Lightning Detection Network (NLDN)**, the same network **NASA** and the US Coast Guard rely on, to alert you when lightning strikes within a radius you choose, usually 10 miles from your facility.

2 Does the unit require wifi or wired internet?

No. Perry Weather Warning systems run on a private cellular VPN with automatic backups.

3 Where are they installed?

Typically on top of buildings or light poles, or other locations at your discretion (we can help).

4 How loud are the sirens?

Our 127dB siren sounds for lightning strike alerts that can be heard within a 1,500 ft radius. Volume levels can be adjusted down or up.

5 Will the sirens go off in the middle of the night?

No. Warning systems only sound during a set schedule of your choosing, allowing you to determine quiet times.

6 How is the unit powered?

Typically customers choose hardwire power for reliability, but if you need to place a unit in a more remote area, we have solar power available with battery backup.

7 How does the Public Address feature work?

Send text-to-speech messages from the Perry Weather mobile or desktop app to be heard through your outdoor warning system.

Example Use Cases:

In the event of a natural disaster or hazard, if personnel are gathered in facilities or work sites, utilize the PA system to issue evacuation instructions.

If severe weather conditions pose a threat to construction, use the PA system to alert workers to take shelter in designated storm-safe areas.

In the event of a critical equipment malfunction or mechanical failure, use the PA system to inform employees to cease operations.

Other Frequently Asked Questions

How can we manage user access and permissions within the platform?

Perry Weather supports admin to basic text only users, starting with 10, so you can assign specific roles and access levels to departments and personnel.

How can Perry Weather help optimize maintenance schedules?

By analyzing historical data and forecasts, you can schedule maintenance based on weather conditions, minimizing unplanned downtime and extending equipment lifespan.

How do we set up all of our users and weather policies?

Let us handle everything for you. Your personal account manager will set up your weather policies and user accounts, ensuring you're all set and ready to go.

Does Perry Weather support multi-jurisdictional or regional deployments?

Yes! Our platform can manage weather data and alerts across multiple jurisdictions or regions from a single, centralized dashboard, optimizing coordination and response times.

Can Perry Weather integrate with our existing notification systems?

Yes! We offer seamless integration with various notification platforms and emergency response systems and make integrating your policies simpler than ever.

What if something happens to the weather station?

Under Perry Weather's subscription pricing model, your hardware is covered under warranty. Should any maintenance be required, Perry Weather technicians will service your hardware to get you back up and running.

Thank You

To learn more about Perry Weather visit us at perryweather.com



Learn More