



**REQUEST FOR PROPOSAL 2020-3-83
OUTDOOR WARNING SYSTEM**



CITY OF ALLEN, TEXAS

TABLE OF CONTENTS

OPPORTUNITY	2
SOLUTION	3
STRATEGY	4-7
PRODUCT SPECIFICATIONS	8-9
WEB & MOBILE FEATURES	8
WEB & MOBILE FEATURES	10-13
ABOUT US	14
LEADERSHIP	14
EXPOSURE	15
REFERENCES	15
CONTACT	15

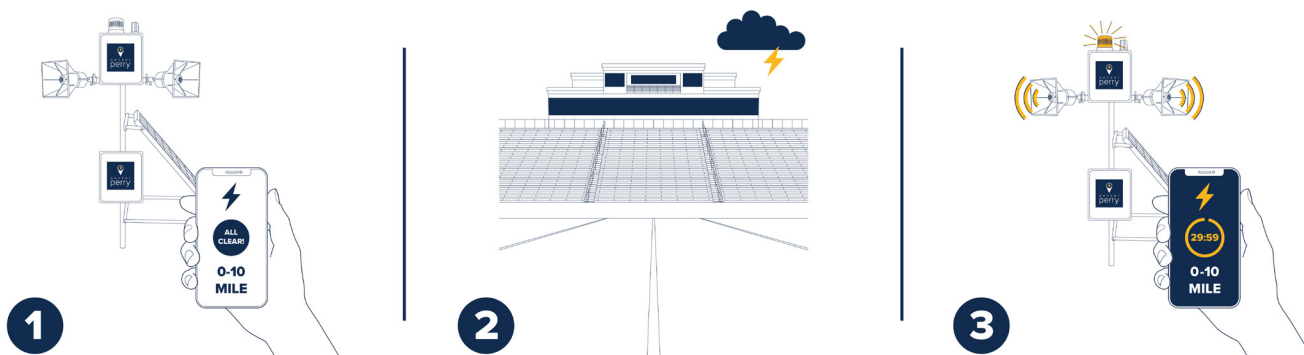
OPPORTUNITY

As the industry leader in providing cities with proactive, turnkey mass weather and emergency alerting systems, Perry Weather is prepared, as the only company able, to precisely meet the City of Allen's needs exactly for an Outdoor Weather Warning System laid out in Bid 2020-3-83 for Spirit Park, The Courses at Watters Creek, the Edge Visitor Center, Celebration Park, Ford Pool, Allen Station Park and Joe Farmer Recreation Center. The City's proposed scope of work, as Perry Weather understands it, would include:

- Cloud-based software
- Real-time lightning detection data
- Unlimited account access
- Unlimited text alerts
- Real-time lightning delay timers
- Live lightning tracking and alerts with adjustable mile ranges and all-clear times
- Fully customizable user alert settings and times
- Wireless syncing with hardware units
- Fully wireless, automated, outdoor warning sirens with high-visibility strobe
- Multiple high-decibel horns
- Remote configuration from any web-enabled device
- Automated and manual triggering capability
- Adjustable alert times for high-decibel horns and speakers
- Additional high-visibility, blue strobe for safety and emergency alerting
- Completely customizable text-to-speech Public Address functionality, accessible also through mobile app
- Wireless Weather Station to measures and stores on-site temperature, precipitation, wind-speed, WetBulb Globe Temperature, heat index, wind-chill and air quality, complete with 1080p high-definition camera
- Track on-site, historical weather data, STEM program through Weather Station
- 24/7 on-call meteorological support

In meeting the specific criteria laid out by Bid 2020-3-83, the Pocket Perry platform will help to achieve excellence in managing the development of the community and in providing city services so that conditions of living and public confidence are continually enhanced through effectively communicated real-time emergency alerts.

SOLUTION



The **Pocket Perry** platform is the perfect solution to provide a complete, turnkey weather alerting system to help inform all City of Allen citizens and visitors of every severe weather scenario and emergency situation at each of the desired city facilities. The purchase of the full system grants the desired functionality for the City:

Software

- Cloud-based web and mobile app
- Real-time lightning detection and weather alerts
- Fully customizable parameters, alert times and mile ranges
- Live web dashboard interface, with live radar, accesible from any web-enabled device
- Unlimited account access
- Unlimited text notifications
- The only weather provider with on-call meteorological support

Outdoor Warning System

- The only fully wireless system available, no external power or network required
- Multiple, industry-leading audible output horns
- High-visibility amber strobe light available for weather and emergency alerting
- The only system with user-defined text-to-speech, designed to broadcast without any loss in volume from the audible horn output
- Customizable alert times
- Remotely accessible through any web-enabled device
- Dedicated LTE/4G signal on secure, private network
- Solar powered with a 12V DC battery backup

Weather Station

- Measures temperature, humidity, heat index, WBGT, wind speed, wind chill, precipitation, air quality, and turf temperature (ability to measure more)
- 1080p high-definition camera
- On-site weather vitals in real-time with accessible historical data

Perry Weather provides a full **5-year warranty** on all parts labor for each hardware unit.

STRATEGY

Perry Weather will send a team of its licensed engineering technicians to prepare and install seven (7) wireless outdoor warning units, with public address capability, and one (1) mobile warning unit that meet all of the defined criteria in Bid 2020-3-83 at each of the desired locations:



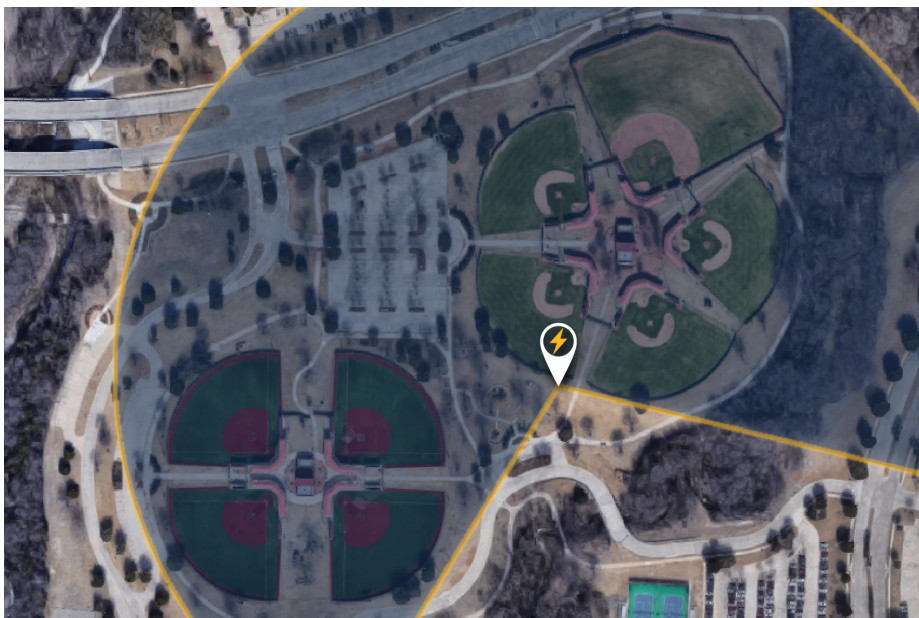
As opposed to our competition, our installation will not require any additional wiring for power or network, and will be mounted in such a way that will be most advantageous for the layout of each complex. This install will occur in a timely manner, within two (2) weeks after an award of the bid has been granted, unless a later date is otherwise specified.

Should any piece of hardware ever experience damage or need repairs after installation, our technicians will return on-site and the cost will be covered under the **5-year warranty**.

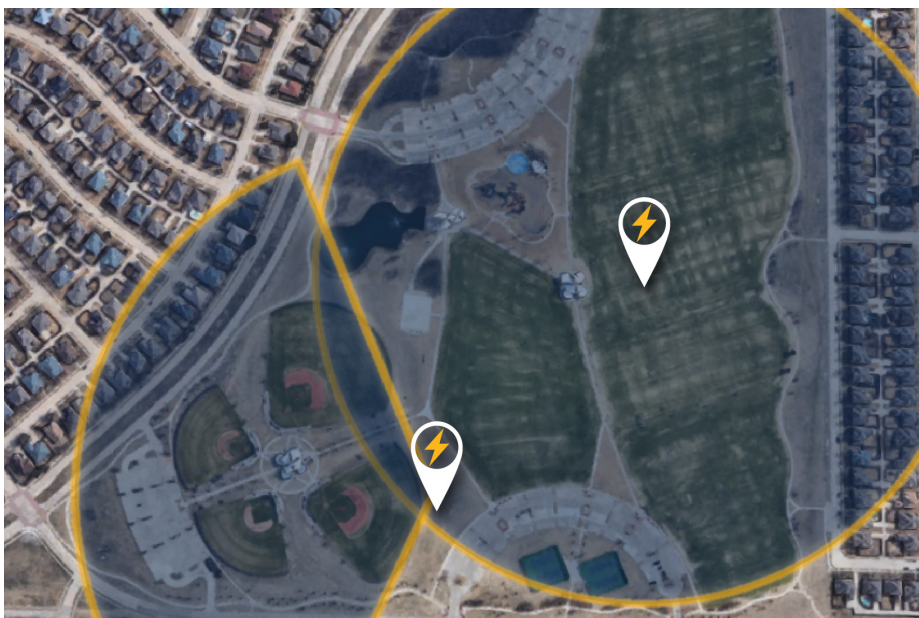
Once the system has been installed, Perry Weather will dedicate an account manager to organize and provide customer training, professional development and technical support. Additionally, a Perry Weather meteorologist will be assigned to the City to offer on-call forecasting and reporting for any and all City of Allen users.

STRATEGY

Allen Station Park:

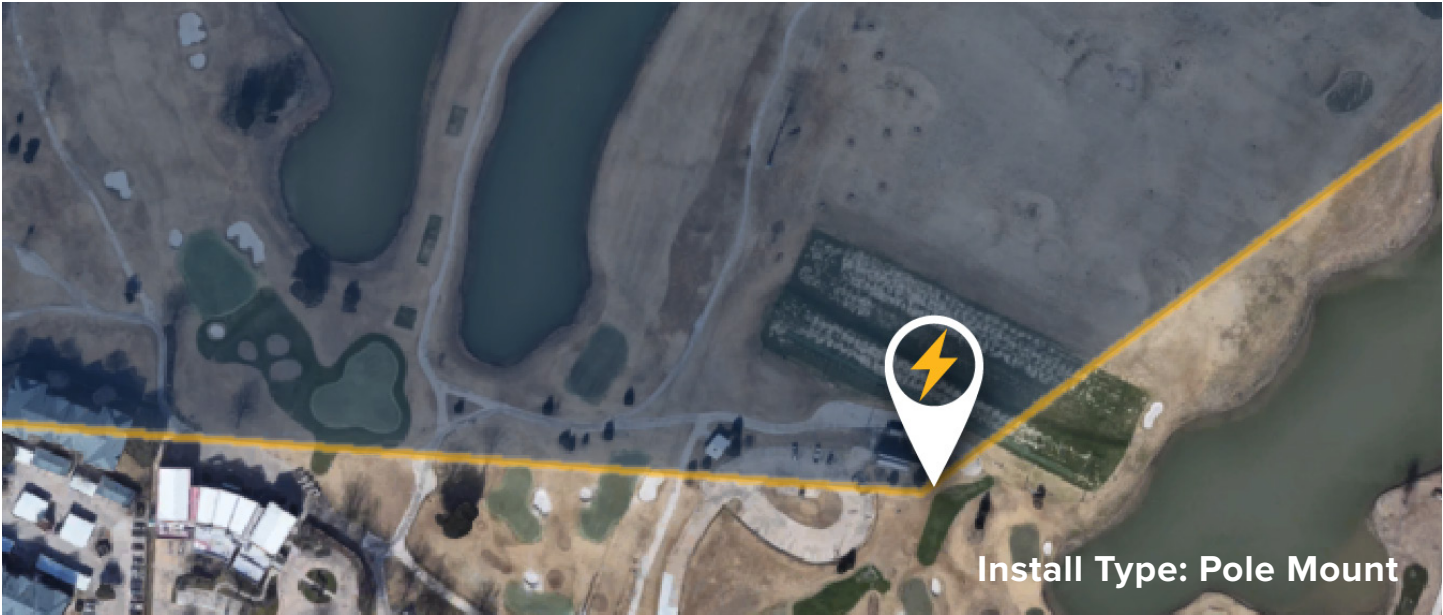


Celebration Park:

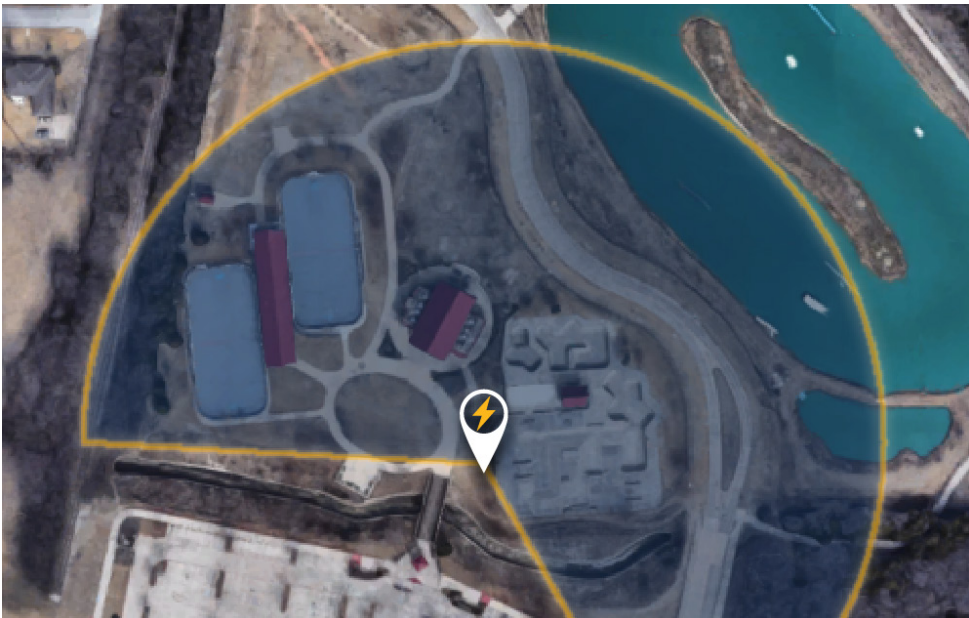


STRATEGY

The Courses at Watters Creek:

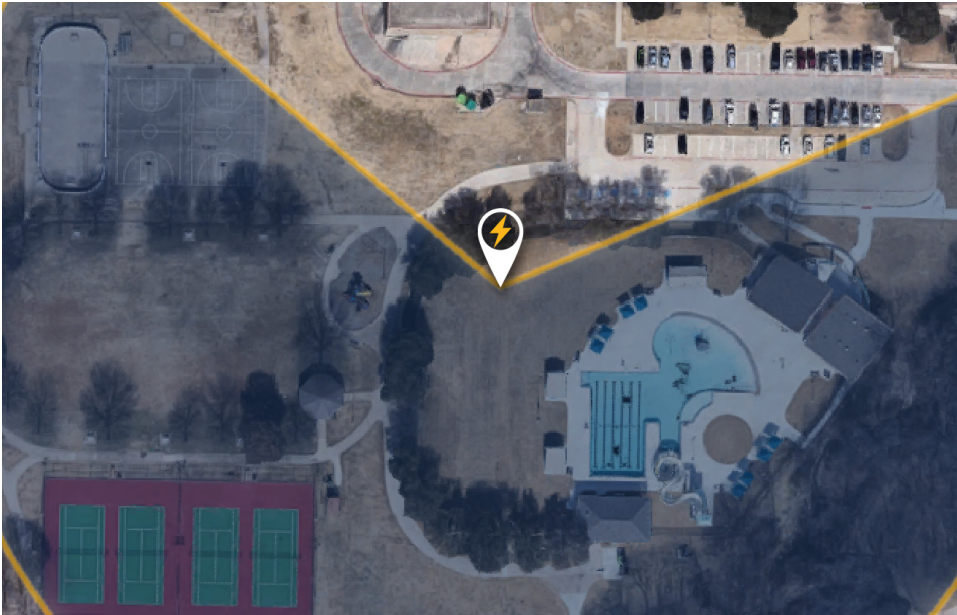


The Edge Visitor Center:

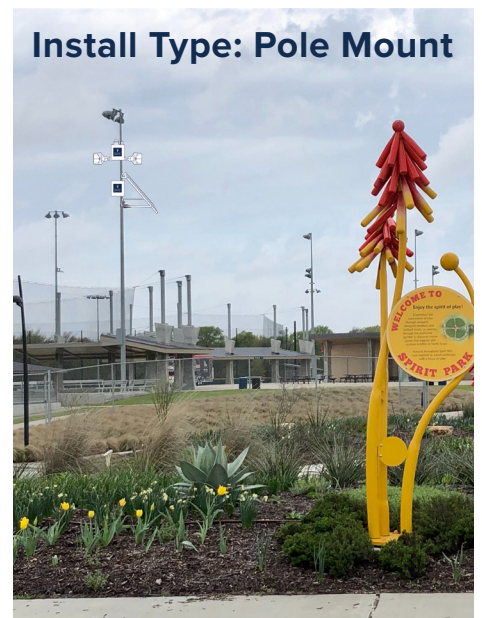
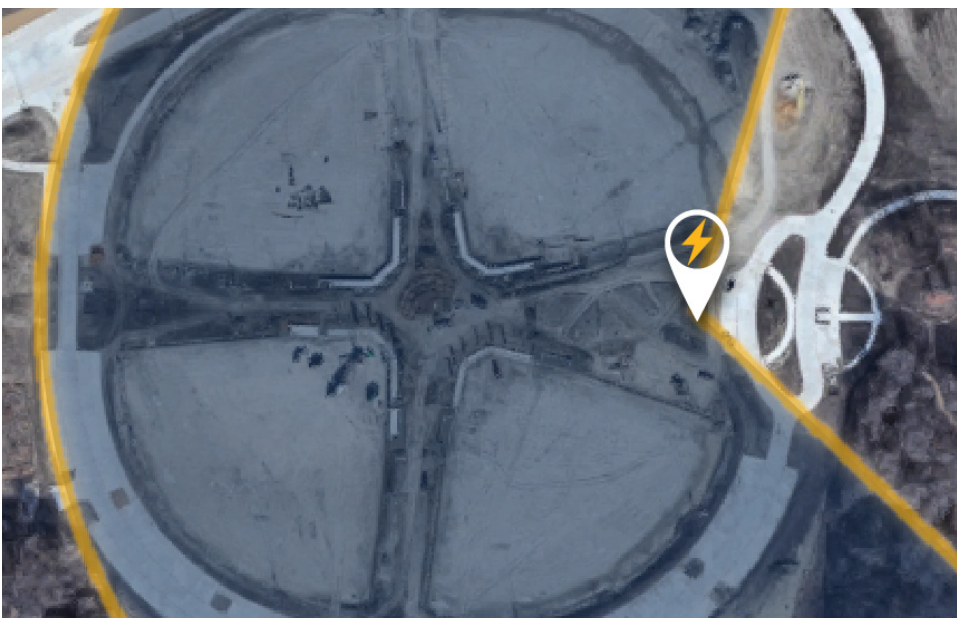


STRATEGY

Ford Park:



Spirit Park:



12V DC BATTERY BACK-UP

100 WATT SOLAR PANEL

DEDICATED CELLULAR NETWORK

AUTOMATIC OR MANUAL TRIGGERING

134dB AUDIBLE SIREN

CUSTOMIZABLE HORN DIRECTION

HIGH-VISIBILITY STROBE

TEXT-TO-SPEECH FUNCTIONALITY

SEAMLESS INTEGRATION W/ APP

INSTALL VIRTUALLY ANYWHERE

COMPATIBLE W/ WEATHER STATION

NO MAINTENANCE

REMOTE MONITORING

TEXT & EMAIL NOTIFICATIONS

CUSTOM ALERT TIMES

****INCLUDES 5-YEAR WARRANTY**

OUTDOOR WARNING SYSTEM (OWS)



12V DC BATTERY BACK-UP

100 WATT SOLAR PANEL

DEDICATED CELLULAR NETWORK

HD (1080p) WIDE ANGLE CAMERA

HISTORICAL ANALYSIS

REAL-TIME POLICY ALERTS

INTEGRATION W/ WEB & MOBILE APP

HIGH-VISIBILITY STROBE (OPTIONAL)

***INCLUDES 5-YEAR WARRANTY*

AVAILABLE SENSORS/METRICS

TEMPERATURE

HUMIDITY

WIND SPEED

WIND DIRECTION

WIND CHILL

WETBULB GLOBE TEMPERATURE

HEAT INDEX

PRECIPITATION

AIR QUALITY

SOIL TEMPERATURE

SYNTHETIC TURF TEMPERATURE

OTHER SENSORS AVAILABLE UPON REQUEST

WEATHER STATION (WxS)

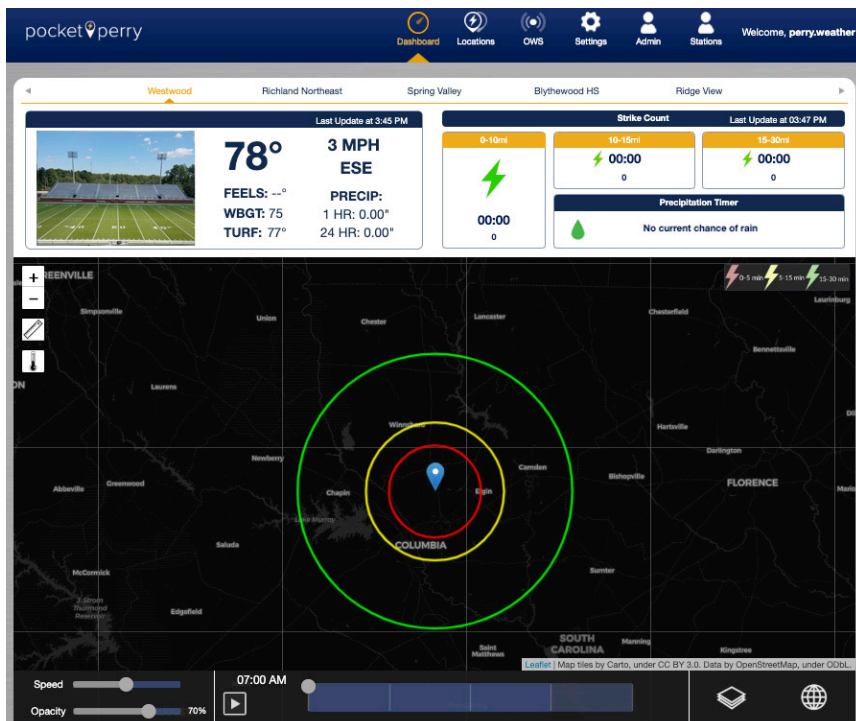


STANDALONE WxS



POCKET PERRY WEB & MOBILE FEATURES

A brief look at a few of the key features exclusive to the Pocket Perry Web & Mobile App.



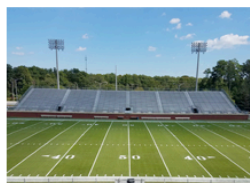
Live web dashboard with animated radar functionality, current Weather Station analytics, precipitation timer and real-time lightning strike timers.

Westwood High School

Updated: 10/22/2019 9:07:28 AM.

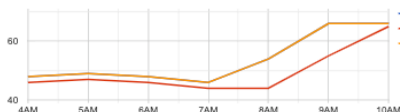
65°F

Feels Like: 65
N3 WBGT: 58
Humidity: 39%



Hourly 7 Days 30 Days

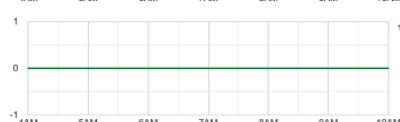
Temp. (F)



Wind Speed Max (MPH)



Precip. (in)



Today

Temp. High: 66°
Temp. Low: 44°
WBGT High: 60
Precip Total: 0 In

7 Day

Temp. High: 89°
Temp. Low: 44°
WBGT High: 80
Wind High: 24MPH
Precip Total: 1.2 In

30 Day

Temp. High: 103°
Temp. Low: 36°
WBGT High: 90
Wind High: 41MPH
Precip Total: 1.7 In

Interactive Weather Station analytics page allows you to view and access current or historical weather data at each campus.

Customize the siren location, lightning radius, horn duration, all-clear times, audible alert times and notification modes directly from the dashboard.

General Settings

Siren Name

Perry Weather

IP Address

000.000.00.000

☐ is password protected

Latitude

32.7853867


Latitude

-96.77313199999998

Map

Map

Satellite



Lightning Alerts

Test Start Delay

Test All Clear

Test Lights

Lightning Radius

10 mi

Duration

10 sec

Frequency

1

All-Clear Timer

30 min

Duration

5 sec

Frequency

3

SMS & Email Alerts

Add Contact +

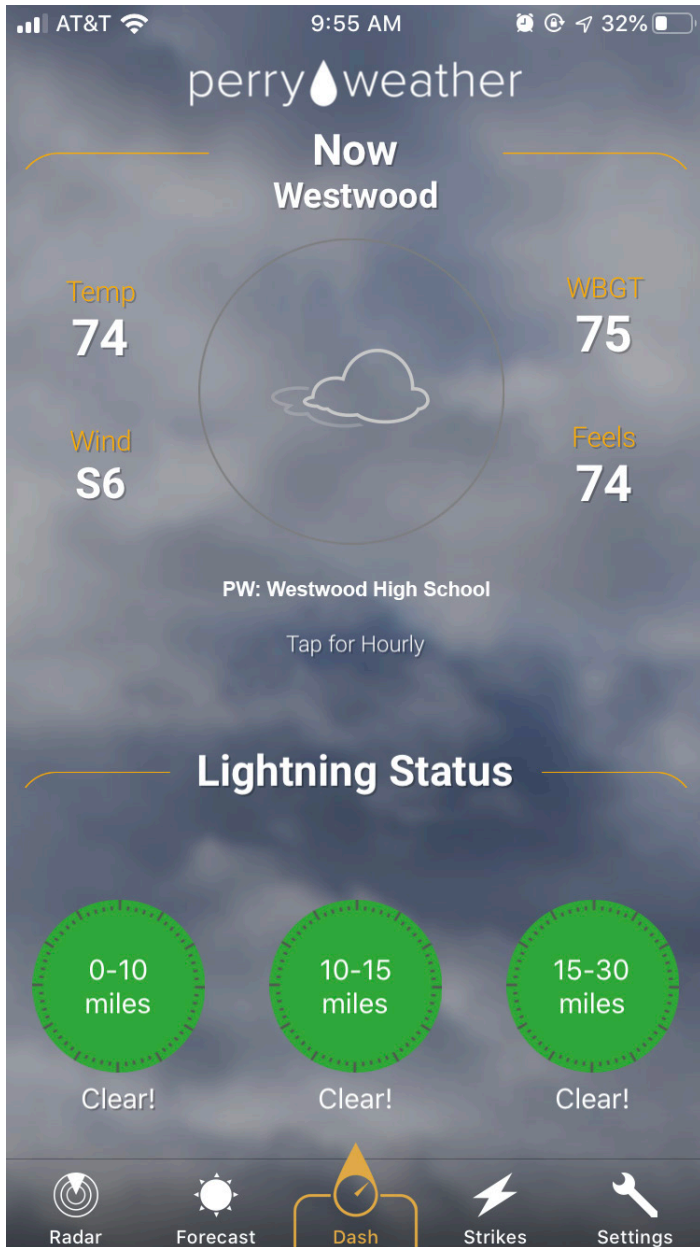
Name	Phone Number	E-Mail Address	Notify
Jane Doe	1234567890	jane.doe@example.com	<input type="checkbox"/> ✖

Audible Alert Times

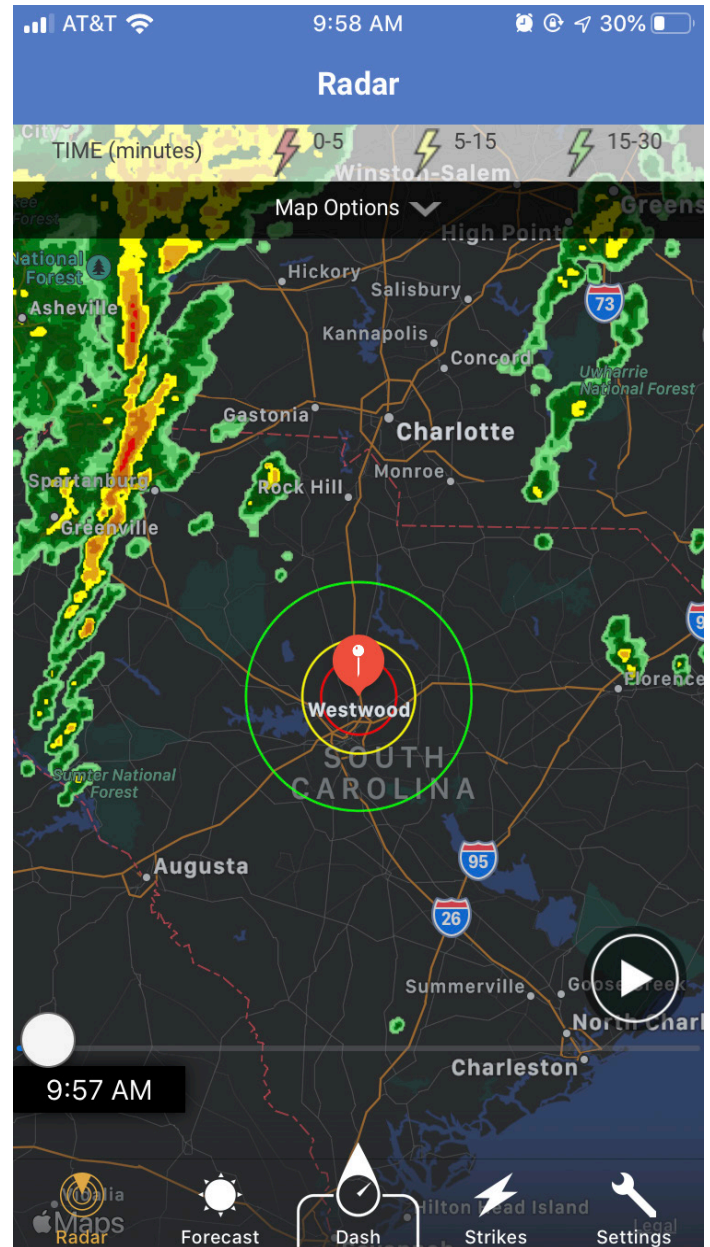
Notifications state: Active

Week Day	Slider	Times	Enabled
Sunday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>
Monday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>
Tuesday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>
Wednesday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>
Thursday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>
Friday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>
Saturday	<div></div>	09:00 AM - 06:00 PM	<input checked="" type="checkbox"/>

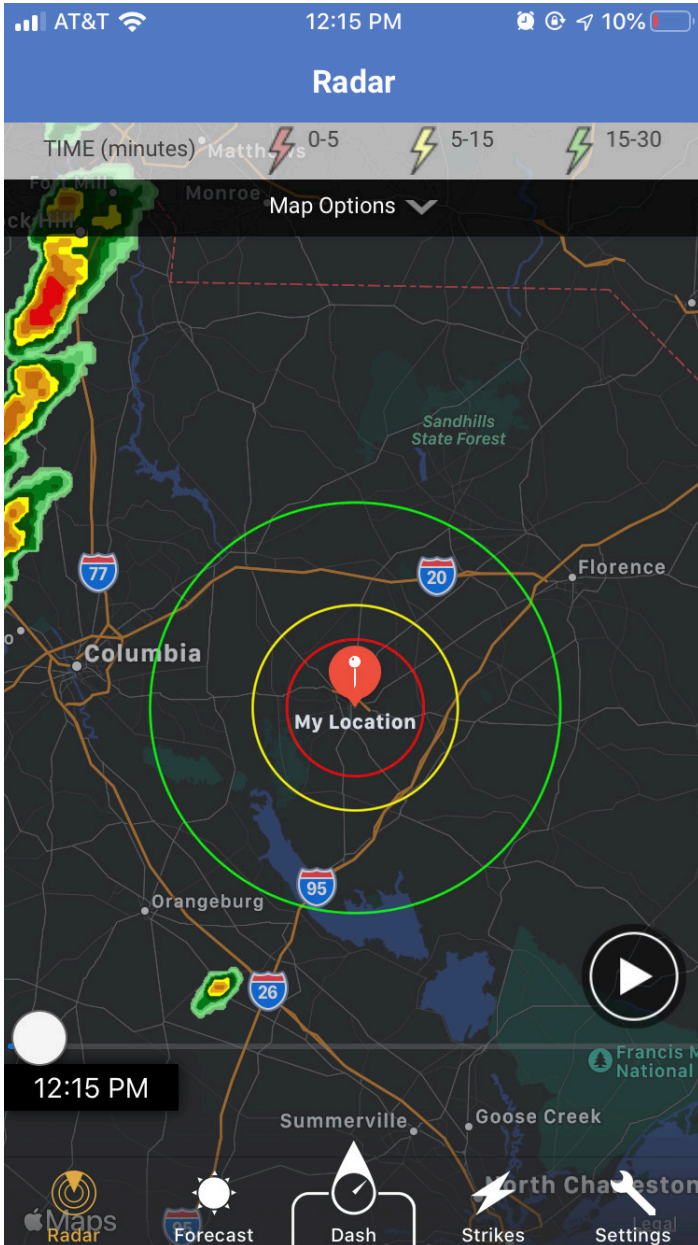
Save



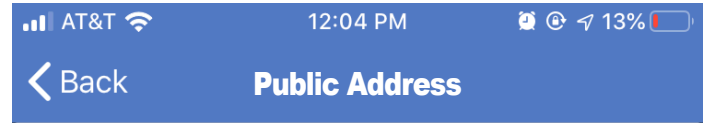
The Pocket Perry mobile app with live lightning strike timers and on-site weather station data displayed on home screen.



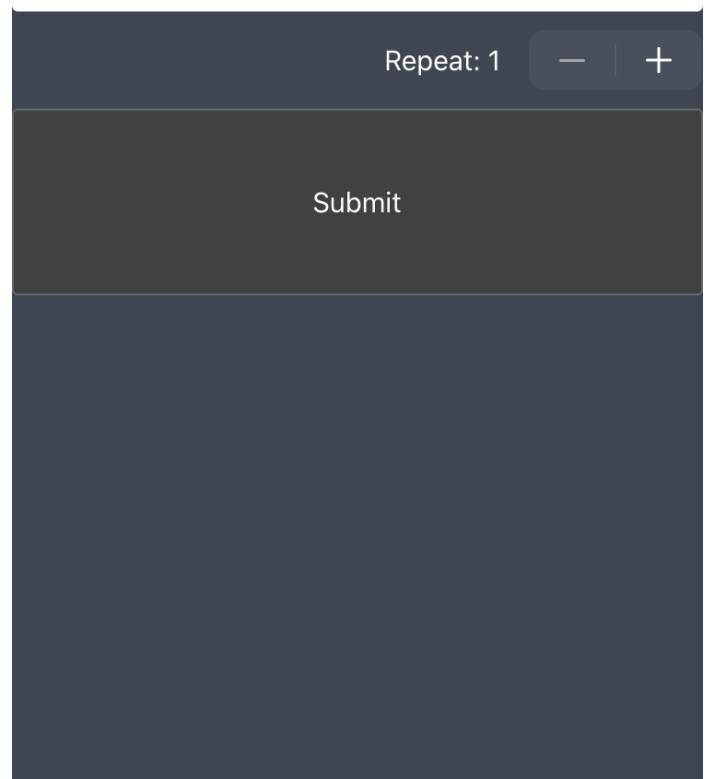
The Pocket Perry mobile app with live lightning strike timers and on-site weather station data.



Receive your alerts from anywhere by using GPS to track your mobile location.



Input PA text to speech message here.



Manually trigger the Public Address system directly from your app with customizable text-to-speech delivery.

ABOUT US

Founded: 2012

Founder: Colin Perry, CEO

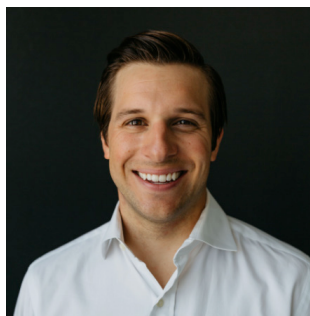
Headquarters: Dallas, TX

Application: Weather & Safety Notification

Perry Weather is a full-service weather technology firm, with the ultimate mission of keeping its customers safe and secure. We seek to enrich the user experience and enable a more streamlined approach. Through leading-edge technology and close client interaction, we provide users with reliable tools to make informed decisions. With hundreds of clients spanning dozens of industries, including schools, municipalities, golf, professional sports teams, oil, renewable energy and more, each one trusts our ability to anticipate, acknowledge, and address all of their needs.

TIPPS and BuyBoard Approved

LEADERSHIP



Colin Perry, CEO

Texas A&M University,
BS in Meteorology

10 Years of Ownership and
Sales Experience



Zach Howard, VP of Sales

Howard Payne University,
BS in Communication

10+ Years in Sales



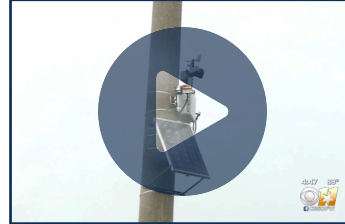
**Evan Spreng, Dir. of
Engineering**

15+ Years in Engineering and
Technical Experience

EXPOSURE



CBS 11 News DFW -
Carroll ISD Tests New
Lightning Detection
System



CBS 11 News DFW -
Weather 101: Lightning
Dangers

REFERENCES

Clif Spangler, Facilities Operations Manager
City of Arlington
Clif.Spangler@arlingtontx.gov
972-489-4479

Len Shipp, Parks Foreman
City of Lewisville
lshipp@cityoflewisville.com
972-219-3529

Kim Bybee, Parks Manager
City of Carrollton
kim.bybee@cityofcarrollton.com
972-979-6144

Mike Kaye, Athletic Specialist
City of McKinney
mkaye@mckinneytexas.org
972-547-2687

Jackie Kopsa, Park Maintenance Manager
City of the Colony
jkopsa@thecolonytx.gov
214-274-9427

CONTACT

Perry Weather
3720 Canton St, Ste. 101,
Dallas, TX 75226

(469) 546-5082
info@perryweather.com
www.perryweather.com