



PRODUCT & FEATURE USER GUIDE

Your weather. On the screen you choose.

The weather dashboard for Tempest owners



Connect your station. Understand each card.
Set up your phone, tablet, desktop, or dedicated display.

September 12, 2026 edition | Mobile + portrait + landscape

myweatherdesk.com

Start here

A web app for your Tempest station and the forecast around it.

- 1 Open **myweatherdesk.com/dashboard** in the browser or app you plan to use each day.
- 2 Open **Setup**, choose **Continue to WeatherFlow**, and connect your station.
- 3 Choose your region, press **Save**, and check the station name and observation time.

myWeatherDesk is software for compatible screens. Your Tempest station supplies local observations; forecasts, radar, and other context come from their labeled sources. An internet connection is needed for current weather.

Find what you need

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About the pictures

Screenshots show the app in use. Weather values vary by place and time. Labeled wind and history examples use sample station readings to explain the controls. This edition covers version 2.97.

Connect your Tempest station

Setup is available from the top of the dashboard.

Tempest display

Set display source

Use a display location, connect a Tempest station securely through WeatherFlow, or both.

[Product & Feature User Guide \(PDF\)](#)

Display location

City, ZIP, airport, or address

[Optional location override](#)

Optional. When set, this location drives the tablet forecast, radar, alerts, and weather context.

Tempest station

Connect a Tempest station

Sign in securely on WeatherFlow. Your password is never shared with myWeatherDesk.

[Continue to WeatherFlow](#)

Weather region

Region standards United States

United States - °F, mph, inHg, in, mi, 12-hour

Applies to displayed temperatures, wind speeds, pressure values, rain and snow amounts, visibility, forecast text, clock labels, and generated alert summaries on this tablet.

Display appearance

Automatic day/night appearance ☒

[Cancel](#) [Save](#)

- 1 Open **Setup** on the screen you want to connect.
- 2 Choose **Continue to WeatherFlow**. Sign in on WeatherFlow and follow its authorization prompts.
- 3 If you have more than one station, choose the station you want. If **Tempest sensor** appears, choose the active sensor.
- 4 Select your **Region standards**. Review the unit summary, then choose **Save**.

Optional display location

A city, ZIP, airport, or address overrides the location used for forecast, radar, alerts, and weather context. It does not move your Tempest sensor. For weather around your station, avoid an unrelated override.

Current Setup screen; scroll for contact details.

Check each screen

Connections and settings belong to that browser or installed app. Set up each display and verify its station selection. Removing Tempest from one display does not delete your WeatherFlow account or device.

The landscape dashboard

A complete weather view for a monitor, tablet, or wide display.



Live production capture. Data and alert counts change as weather updates.

Read from the top

The header identifies the display location and local time. Setup and History sit at the right. The update strip brings weather messages and the next expected change into view.

Your station, at a glance

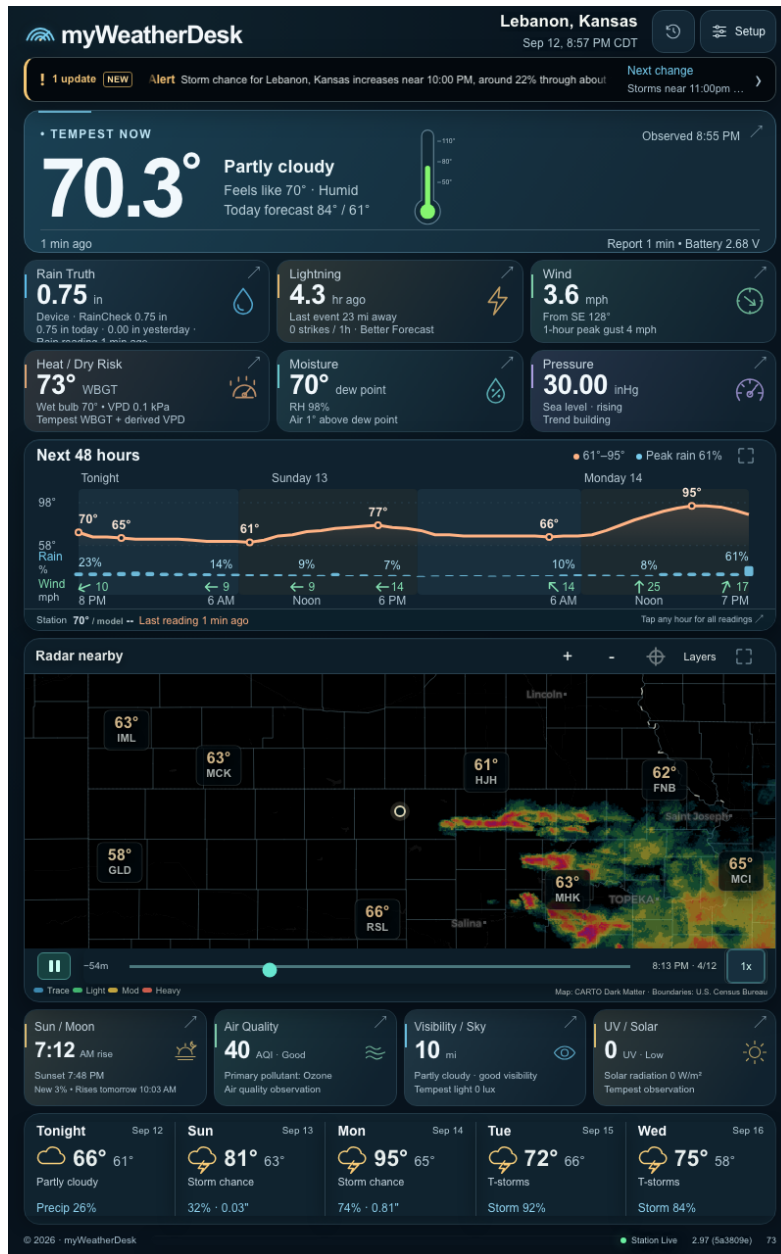
Now and the instrument cards show current readings and short trends. Tap or click a card to open its history and source details.

Plan the hours and days ahead

The hourly chart, radar, and daily forecast cards sit together. Expand the chart or radar when you want a closer look.

The portrait dashboard

The same instruments, arranged for a tall display.



Current portrait layout at 800 x 1280.

Start with Now

The temperature card sits above the main instruments. The update strip remains near the top so new weather information is easy to notice.

Look down the page

The hourly outlook and radar fill the middle. Additional instrument cards and daily forecasts use the lower area.

Use the space naturally

Rotate the device and let the layout adapt. Keep browser zoom at its default first. If controls seem cropped, exit browser zoom and check display scaling.

Open any card

Tap the card for a larger view. Its small corner arrow marks the available details. Close the popup to return to the dashboard.

Same tools in either orientation

Portrait and landscape use the same weather tools. On phones, the app organizes them into four tabs instead of squeezing the full display onto one screen.

The mobile dashboard

A Tempest-first view designed for a phone.



Current mobile Now screen.

Now comes first

Your current temperature and comfort details lead the page. Tap the **Weather updates** strip below to read available alerts and updates. Next Change and the live instruments follow.

Now

Return here for current conditions, Rain Truth, wind, moisture, pressure, lightning, and heat/drying context. Scroll to see all the cards.

Outlook

Read the next expected change, explore the hourly forecast, and open a day for more detail.

Radar

Use the full phone map to follow precipitation and satellite imagery where available.

Station

Find the full instrument collection and their histories, including Sun / Moon, Air Quality, Visibility / Sky, and UV / Solar. Phone notification settings are also reachable here.

One useful habit

Check the observation time as well as the number. A value can remain unchanged while fresh reports continue to arrive.

Now, wind, and data freshness

Measured conditions and forecast context each have a different job.



Phone wind card with sample readings.

Read the wind card

On a phone, read **speed**, then **direction**, then **gust**. The compass pointer follows the same wind reading as the text. North is at the top; calm or missing direction has no pointer.

Read the labels

Observed tells you when that report was recorded. **Feels like** is a comfort calculation. **Today forecast** is a predicted high and low, not today's measured extremes. The report interval and battery voltage describe the station report.

Wind can change faster than the other readings

Rapid wind can arrive about every 3 seconds when the station and live connection support it. Other station observations commonly arrive about once a minute. Reporting can slow with station power mode, connectivity, or a backgrounded browser. New reports can contain the same value.

Direction and gusts

From SSW 210° and a pointer toward SSW mean wind is arriving **from** the south-southwest, following meteorological convention. Gust is separate, for its labeled window. Hourly **forecast** arrows instead point toward where the wind travels.

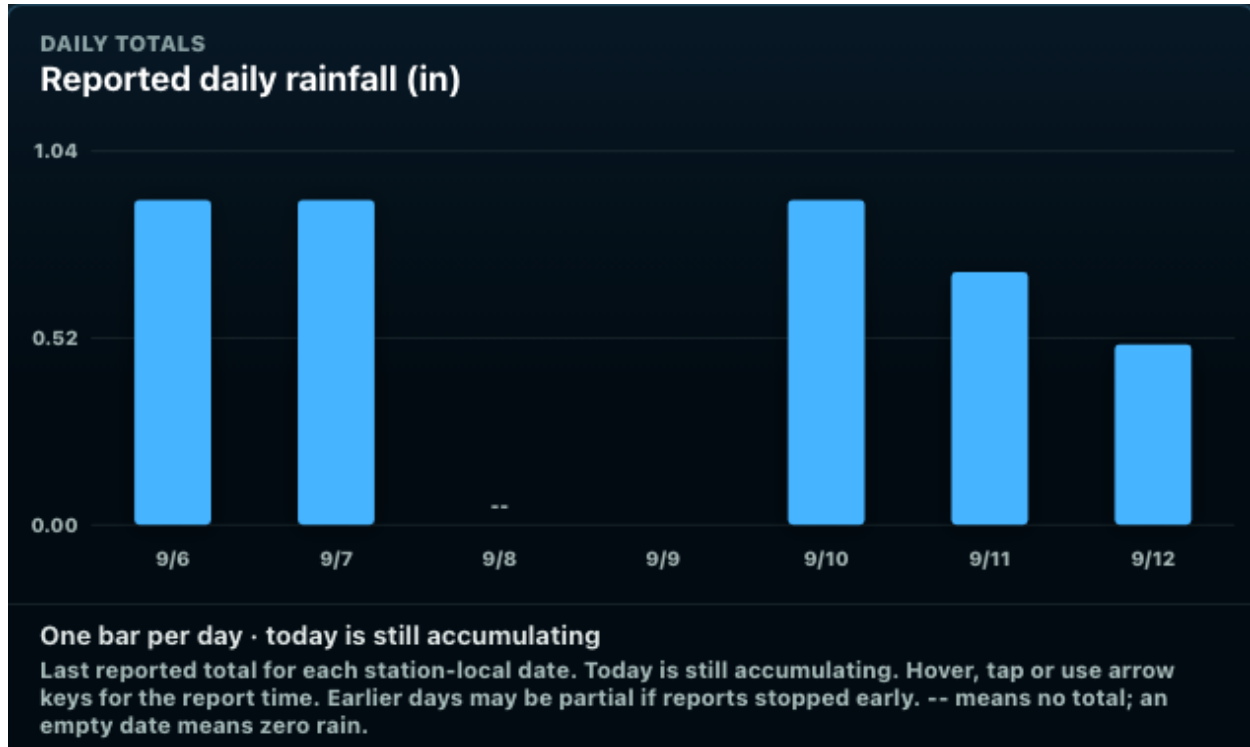
If a value looks stuck

Check the observation time, Station Live/refreshing status, and the same station in Tempest. Bring myWeatherDesk to the foreground. If the timestamp is old, check the connection before assuming calm or unchanged weather.

Forecasts and radar refresh separately from the live station feed. They do not update every few seconds. Use the forecast refresh time and radar frame time to judge how recent they are.

Rain Truth: today and yesterday

Read daily totals, reported wet time, and the rain trend.



Seven-day daily chart with sample readings: 9/8 is missing; 9/9 is dry.

Today and Yesterday

Tap **Rain Truth** for each station-local day's **Amount** and **Wet time**. Wet time is Tempest's reported rain duration, not time since rain began or how long the ground stayed wet. Live updates that omit these fields retain the known daily report.

Choose the right range

6 hr, 24 hr, and 72 hr show rain **rate** in in/hr or mm/hr. **7 days** shows daily **amounts** in inches or millimeters, including today so far. Hover, tap, or use arrow keys on the chart to inspect a reported day.

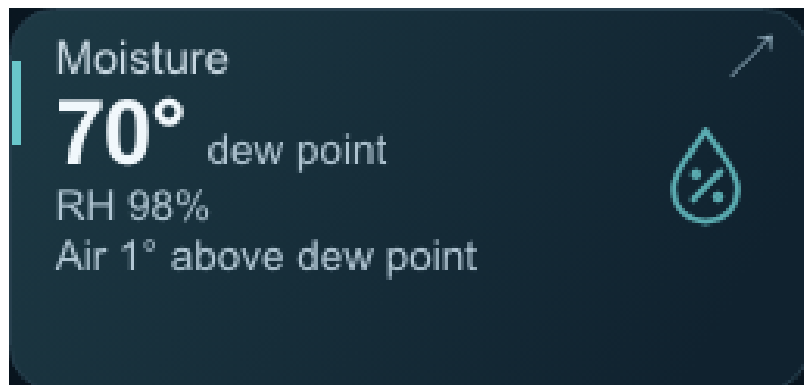
Zero, missing, and partial days

Rain charts start at zero. Only positive rain has a blue bar. -- means a report is unavailable; it is not a dry day. Each daily bar uses the latest reported total for that date. Today is still accumulating; older days may be partial if reports stopped early. Corrections can lower a total.

The range does not redefine Today or Yesterday. Device rain and RainCheck are separately labeled sources; WeatherFlow's analyzed RainCheck value may differ. Compare the same source, units, date, and report time.

Moisture and pressure

Small labels that help explain the air around your station.



Current Moisture card; values are an example.

Dew point: the large number

Dew point is the temperature at which the air would become saturated if cooled without changing its moisture content. A higher dew point usually feels more humid. It is different from the current air temperature.

RH: relative humidity

RH shows how close the air is to saturation at its current temperature. The trend indicates rising or falling humidity over the stated window. A fall from 80% to 76% is 4 percentage points, even though the compact card uses the % sign.

Air 7° above dew point

This means the current air temperature is 7° warmer than the dew point. On a phone, the shorter label may say Air 7° warmer. It is a temperature gap, not a second temperature or a rain prediction.

Pressure

Read the displayed pressure unit and whether the value is sea-level adjusted. Rising, falling, or steady describes the available trend. Trend building means there are not yet enough recent readings for that comparison.

Tap either card for a larger history view. Changing region standards changes the units; it does not change the underlying weather.

Your other weather instruments

Tap a card for more context, history, and its data source.

Lightning

The time since the last reported event, its distance, and recent strike counts. Distance describes a detected event, not a storm boundary. Read the named source and time.

Sun / Moon

Sunrise, sunset, moon phase, and moon timing for the display location. These are calculated sky events, not measurements made by Tempest.

Visibility / Sky

Visibility and sky conditions provide local context, alongside station light when available. Check the source before treating visibility as a direct Tempest observation.

Heat / Dry Risk

Combines available heat and drying indicators. Wet bulb, WBGT, and VPD describe different conditions. The card names measured or derived inputs; they are not all direct sensor readings.

Air Quality

AQI and its category, with the primary pollutant when available. Air quality comes from its own source; a Tempest station does not directly measure pollution.

UV / Solar

UV describes ultraviolet exposure. Solar radiation measures incoming solar energy, typically W/m². These are different from brightness in lux.

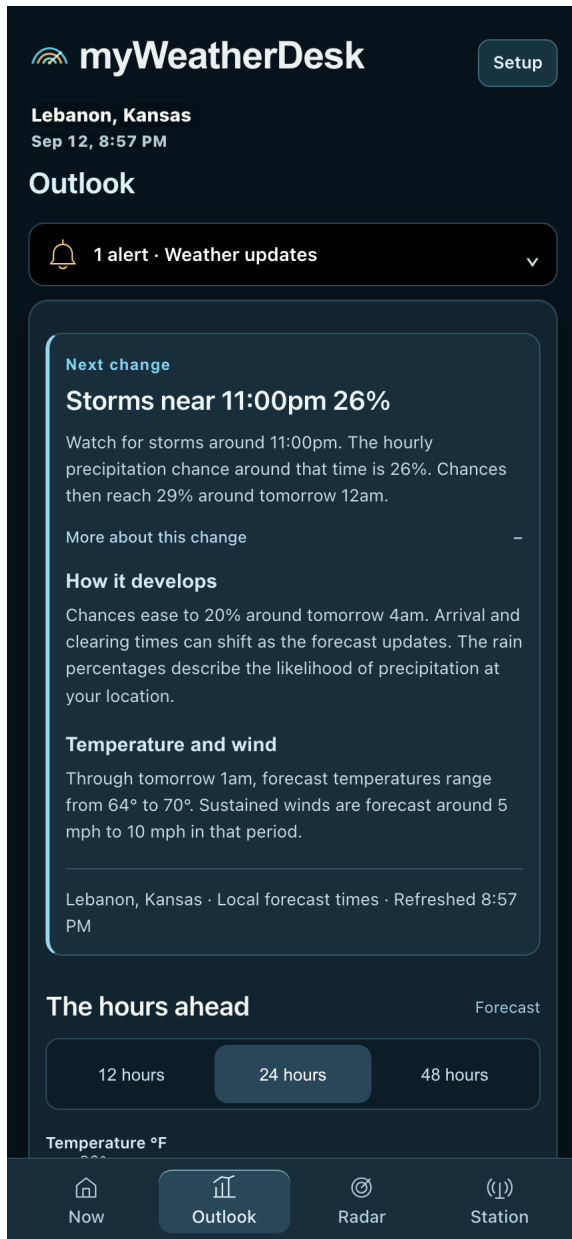
Lightning highlights

Within 20 miles: bright outline every 5.5 seconds, clearing 10 minutes after the latest qualifying detection.
Within 10 miles: yellow-filled bolt every 2.5 seconds, clearing 15 minutes after the latest close detection.
This mode takes priority; a farther strike does not extend its timer.
Distances are from the selected station. Reduced motion uses a steady highlight. Open Lightning history for the legend. No highlight does not mean conditions are safe.

A blank value, --, Pending, or Unavailable is not zero. Open source details to check missing readings.

Next Change and the hourly outlook

Read the explanation first, then explore the timing.



- 1 Tap **Next Change** on the dashboard. On a phone, this opens Outlook.
- 2 Read the expected change and its timing. On a phone, open **More about this change** for rain chances, temperature, wind, and other context.
- 3 Choose **12 hours**, **24 hours**, or **48 hours** to change the forecast window.
- 4 Move the hour selector to inspect the forecast for that time. Read the selected-hour values below the charts.

On the larger display

The compact chart shows the next 48 hours. The temperature line is warm-colored, rain chance bars are blue, and wind is green. Zero rain chance has no blue bar. Use the expand control to open the detailed hourly view.

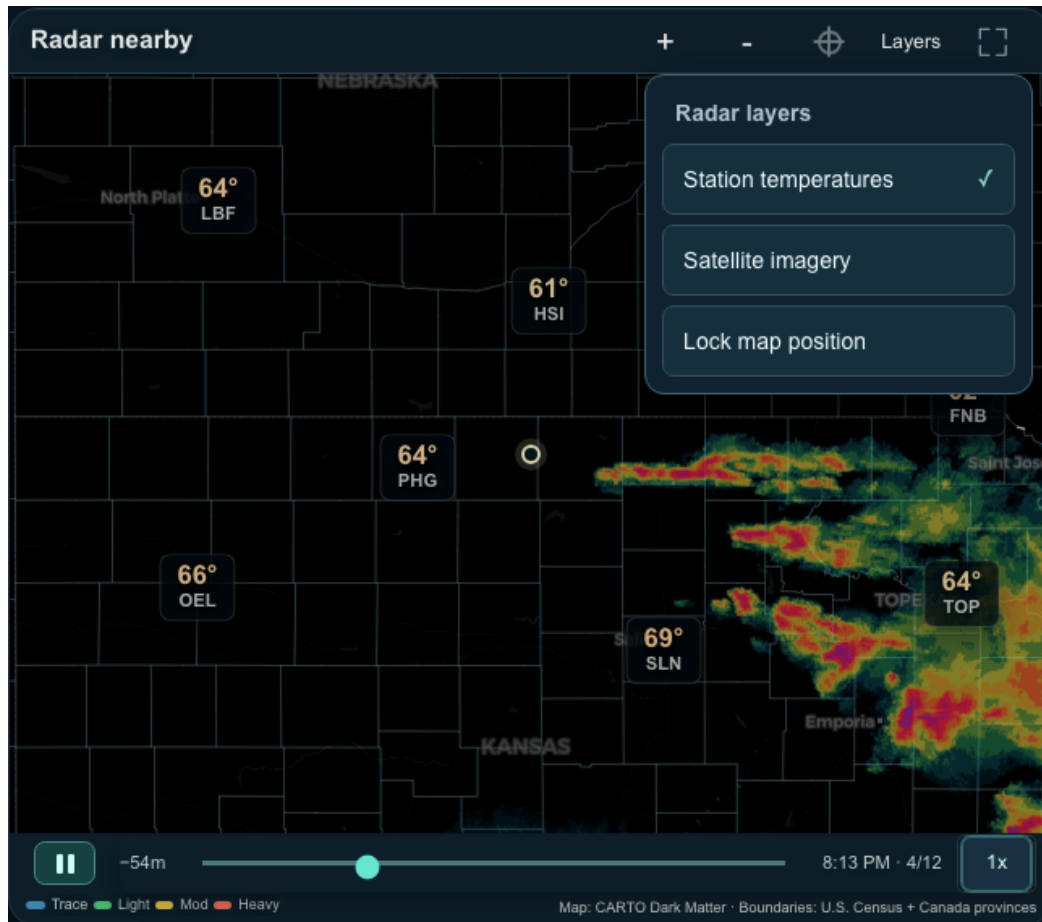
Mobile: Next Change with its explanation open.

A forecast, not a recorded history

Rain probability describes the chance of precipitation, not the fraction of the hour it will rain. The forecast can change as new information arrives. Use History when you want to see what your station actually recorded.

Radar and satellite

Watch the motion and check the time on the selected frame.



Landscape radar with Layers open. Provider credits stay visible on the map.

Move and enlarge the map

Use + and - to zoom, drag to pan, and the target control to return to the display location. Larger displays also have an expand control.

Choose a layer

On larger displays, open **Layers** for **Satellite imagery**, **Station temperatures**, and **Lock map position**. On phones, use **SAT** and the lock control below the map.

Use play/pause and the timeline to inspect the loop. Step controls, where shown, move one frame at a time; the speed control changes playback speed. The selected frame may be older than the latest available image.

Read the precipitation legend from lighter to heavier returns. Radar colors are not your station's daily rain total. Satellite shows cloud imagery; map coverage and frame availability depend on the region and provider.

The daily forecast

A quick comparison of the days ahead, with details one tap away.

Tonight	Sep 12	Sun	Sep 13	Mon	Sep 14	Tue	Sep 15	Wed	Sep 16
 66° 61°		 81° 63°		 95° 65°		 72° 66°		 75° 58°	
Partly cloudy		Storm chance		Storm chance		T-storms		T-storms	
Precip 26%		32% · 0.03"		74% · 0.81"		Storm 92%		Storm 84%	

Daily forecast cards on the portrait dashboard.

- 1 Find the daily cards at the edge of the larger dashboard or below the hourly section in mobile **Outlook**.
- 2 Read the day, condition icon, high and low, and precipitation label. A percentage is a probability; a value in inches or millimeters is an amount.
- 3 Tap the day to open its forecast details. Check the text summary and the timing chart, then close the popup to return.

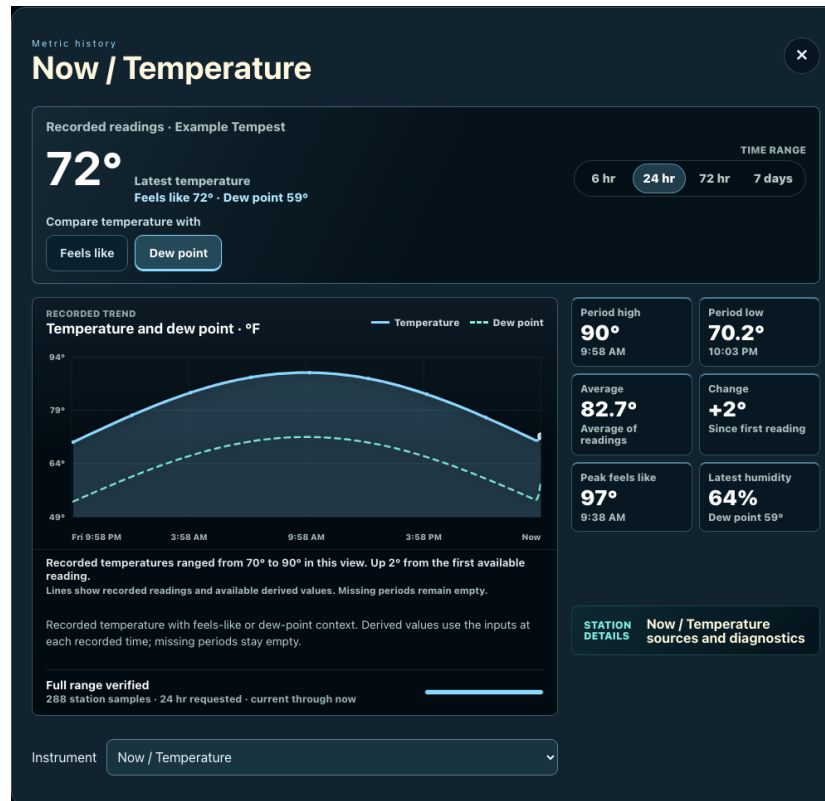
Forecast high/low versus recorded high/low

Daily cards predict the day's temperatures. To see the highest and lowest temperatures your station actually recorded, open Now history and read Period high and Period low for the selected window.

Today's remaining hourly forecast can differ from the full-day forecast. Check the time window before comparing two summaries.

History and source details

A closer look at what was recorded and how complete the record is.



App history with sample station readings to demonstrate a complete record.

Tap **Now** or any instrument, or use the header History control. Choose **6 hr**, **24 hr**, **72 hr**, or **7 days**. Temperature history can compare **Feels like** or **Dew point** with air temperature.

Hover or tap a graph to inspect a reading; supported charts also accept arrow keys. Read the selected time, units, and source. In Rain Truth, 7 days switches to daily amounts; shorter ranges show rain rate.

Period high / low are extremes in the selected window. **Average** summarizes available readings. **Change** compares the first and latest readings. The coverage message explains how much history is actually available; gaps remain empty.

Open **Station details** for sources and diagnostics. A recent reading does not guarantee a full seven-day record. Some displays need time to collect history, and provider availability can limit older readings.

Settings and phone notifications

Choose the format and alert behavior for each screen.

Region standards

In Setup, choose United States, Canada, United Kingdom, or Nordic Region. Review the summary below the selector for temperature, wind, pressure, precipitation, distance, and clock format. The preset changes presentation; it does not guarantee radar or forecast coverage in every country.

Appearance

Automatic day/night appearance follows the display location's sunrise and sunset. The still background keeps the instruments easy to read. Save your changes when finished.

Alerts on this phone

- 1 Open **Station** and its notification shortcut, or scroll to **Alerts on this phone** in Setup.
- 2 Review the available alert types. Options can include severe weather, nearby lightning, wintry conditions, high wind, rain starting or stopping, and forecast changes.
- 3 Use the enable control, then respond to your browser's permission request. If available, send a test and check the phone.
- 4 If notifications are blocked, allow them in the browser or operating-system settings, return to the app, and use **Check again**.

iPhone and iPad requirement

Web push needs a Home Screen web app on iOS/iPadOS 16.4 or later, plus permission. Install using Safari first (page 16). The app shows guidance when the browser or notification service is unavailable.

The flashing lightning card, on-screen weather updates, and phone push notifications are separate. Card highlights do not require push permission. Delivery can be affected by device settings and connectivity. Keep your usual official severe-weather alert channels enabled.

[Official reference: WebKit Home Screen web push](#)

iPhone and iPad

Install with Safari as a Home Screen web app (PWA).



Home Screen installation keeps the phone layout.

Installing a web app does not by itself keep the screen awake or reopen it after a restart. For a dedicated screen, choose suitable brightness and power settings. Guided Access limits access to other functions, including emergency features during the session; review Apple's guidance.

[Apple: iPhone Home Screen web app](#)

[Apple: iPad Home Screen web app](#)

[Apple: Guided Access setup and exit instructions](#)

- 1 In **Safari**, open **myweatherdesk.com/dashboard**.
- 2 Open **Share**. Depending on Safari's layout, it may be under More. Find **Add to Home Screen**; use Edit Actions if needed.
- 3 Turn on **Open as Web App** if that option appears, then tap **Add**.
- 4 Launch myWeatherDesk from its Home Screen icon. Check Setup and connect your station there if needed.

For a dedicated display

Enable **Guided Access** in Settings > Accessibility and set a passcode. Open myWeatherDesk, triple-click the side, top, or Home button, choose Guided Access if prompted, and start the session.

Use Guided Access's Display Auto-Lock setting for the session. To exit, invoke its shortcut, authenticate, and tap End. Apple's button sequence varies by OS version; see the linked instructions.

Android and app pinning

Start with Chrome. Use app pinning when you want one app to stay in view.

Install or create a shortcut

- 1 Open **myweatherdesk.com/dashboard** in an updated Chrome browser.
- 2 Open Chrome's menu. Choose **Install and create shortcut > Install** when offered. Some versions use **Add to Home screen** or **Install app**. Follow the prompts.
- 3 Open the new icon, connect your station in Setup, and confirm that the settings remain after closing and reopening it.

Keep the app on screen with built-in Android pinning

- 1 Search Android Settings for **App pinning** or **Screen pinning**. Enable it and choose whether a PIN, pattern, or password is required to unpin.
- 2 Open myWeatherDesk or Chrome, then open the recent-apps overview. Tap the app icon and choose **Pin**.
- 3 To unpin, follow your phone's gesture or button instructions. Gesture navigation commonly uses swipe up and hold; three-button navigation uses Back and Overview together.

Pinning and keeping the display awake are different

Pinning keeps the user in one app. It does not handle screen sleep or automatically launch the app after a restart. Set screen timeout and power options separately, or consider Fully Kiosk for a dedicated Android display.

Keep Chrome and Android System WebView updated. Test the dashboard, radar, Setup, and history on the actual device before choosing it for a permanent display.

[Google: install a Chrome web app](#)

[Google: pin and unpin screens](#)

Fully Kiosk Browser

An optional Android browser for a dedicated weather screen.

Optional PLUS license

Some Fully Kiosk features require its paid PLUS license. This is a third-party purchase, separate from myWeatherDesk. Check the official page for current features, licensing, and prices before buying.

- 1 Install Fully Kiosk Browser from its official source. Test the features you need before purchasing PLUS.
- 2 Open Fully's settings by swiping from the left edge. Under Web Content Settings, set **Start URL** to <https://myweatherdesk.com/dashboard>.
- 3 Connect Tempest inside Fully and confirm the dashboard works before enabling kiosk restrictions.
- 4 For a dedicated screen, review **Keep Screen On**, **Launch on Boot**, and **Kiosk Mode**. Set and retain an exit PIN.
- 5 Keep cookies and web storage. Avoid frequent forced reloads; myWeatherDesk refreshes its own weather. Keep Android WebView updated.

Choose only the options you need

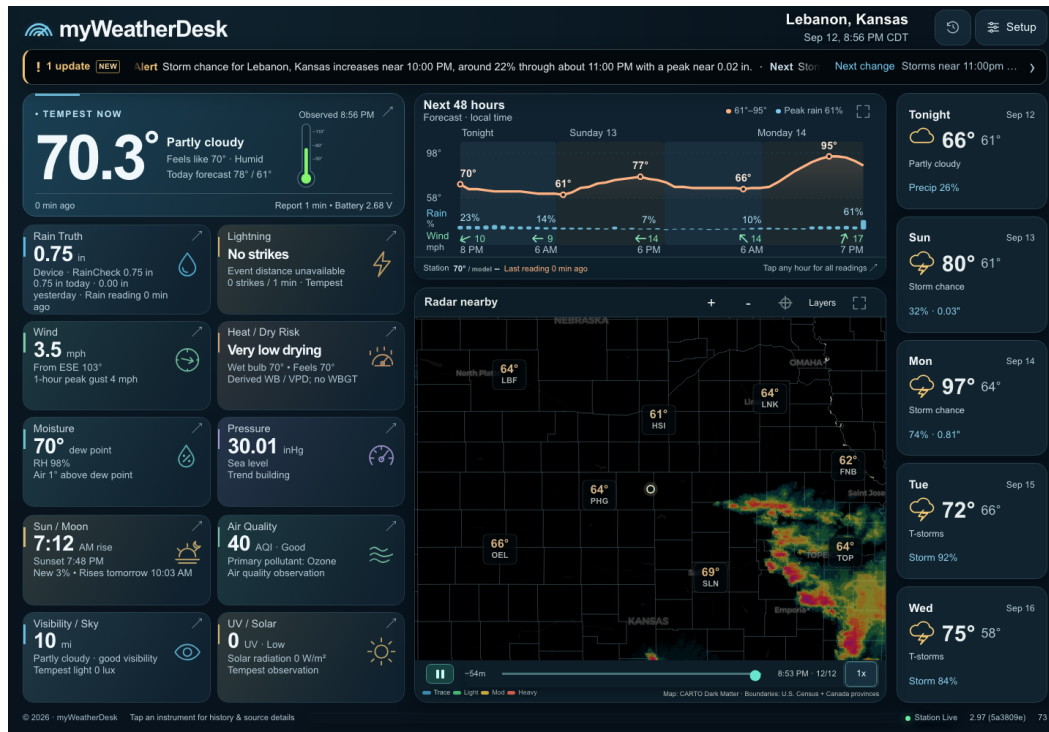
Fully's browser and PLUS license are separate from its optional cloud service. A cloud subscription is not needed simply to show a local weather dashboard.

[Official Fully Kiosk documentation, downloads, features, and current pricing](#)

After setup, restart the tablet once and check that the page opens, remains connected to the correct station, and stays readable in the intended orientation. Keep an accessible way to leave kiosk mode for maintenance.

Desktop and laptop

Use a regular browser tab or give the dashboard its own app window.



A wide display gives the forecast, radar, and instruments room to work together.

Chrome: Windows, Mac, or Linux

Open myweatherdesk.com/dashboard. Use the install icon if offered, or the menu option under Cast, save, and share to install the page as an app. Open the installed app and verify Setup.

Safari on Mac

On macOS Sonoma 14 or later, open myweatherdesk.com/dashboard in Safari and choose File > Add to Dock. Launch the web app from the Dock. Its separate window may need its own station connection.

For a dedicated monitor, use the browser or operating system's full-screen control and review display sleep settings. Start at 100% browser zoom. A normal browser profile preserves setup; a private session may not.

[Google: desktop web apps](#)

[Microsoft: Edge apps](#)

[Apple: Safari web apps](#)

Microsoft Edge

Open myweatherdesk.com/dashboard, then use Settings and more > More tools > Apps > Install this site as an app. In `edge://apps`, app details can offer automatic launch when you sign in.

Raspberry Pi

A practical option for a monitor-based weather display.

Our suggested starting point is a Raspberry Pi 4 or 5 with a reliable power supply, microSD storage, a monitor, and network access. Use Raspberry Pi OS with a desktop, rather than Lite. This is a setup recommendation, not a certification of every model or display.

- 1 Install and update Raspberry Pi OS. Connect the monitor and network; choose a comfortable resolution and orientation.
- 2 Open Chromium normally, visit **myweatherdesk.com/dashboard**, and complete Setup. Confirm radar, history, and station selection before configuring kiosk mode.
- 3 For a current Raspberry Pi OS desktop using **labwc**, add the line below to **~/.config/labwc/autostart**. Create the directory/file if needed, and preserve existing entries.

Optional kiosk startup command

```
chromium --kiosk --no-first-run https://myweatherdesk.com/dashboard &
```

Enter the command as one line. Keep the same Chromium profile used during setup. If you want the display to start after boot, configure the desktop login behavior for your dedicated device. Restart and verify it.

Plan an easy way to maintain it

Use a keyboard to exit Chromium with Alt+F4. Remove the added autostart line to stop kiosk launch. Review screen blanking and power settings. Older desktop releases may use a different startup method; follow the instructions for your installed OS.

[Official Raspberry Pi tutorial: Chromium kiosk with labwc](#)

Reliable displays and troubleshooting

Start with the symptom, the timestamp, and the selected station.

A reading looks wrong

Open Setup and confirm the station and active Tempest sensor. Check the display-location override. Compare the same metric, units, station, and observation time in Tempest. Forecast values and measured values can legitimately differ.

Wind or other readings seem frozen

Bring the app to the foreground. Check the observation time and connection status. Confirm the station is updating in Tempest. Check Wi-Fi, power-saving settings, and the browser's ability to stay active. Reload once if needed.

Radar is blank or old

Check the frame timestamp and internet connection. Return the map to your location, then try the layer again. Regional coverage, provider outages, or an older browser can affect imagery.

Settings disappear

Use a normal browser profile and preserve site data. Complete setup in the browser you actually use, including Fully or an installed web app. Clearing cookies/storage or using private mode can remove the connection.

Text or controls are cut off

Reload once to pick up the current layout, then check orientation and browser/WebView updates. Text should remain readable at your preferred text size. If it clips, send a full screenshot, screen size, zoom, and text-scaling settings.

History is incomplete

Read the coverage message. Missing samples are not zeros. In Rain Truth, -- means unavailable; a reported dry day has no bar. Check the daily report date and time. If wet time disappears, reload once and send support the app version and screenshot.

For several displays

Configure and test each screen separately. Keep software updated, use stable power and networking, and avoid aggressive periodic reloads. A kiosk setting can keep the screen visible; it cannot restore a lost internet or station connection.

Support and official references

Keep this guide handy. We are happy to help.

Contact myWeatherDesk

Email support@myweatherdesk.com for setup help, questions, or feedback. Include the device/browser, app version from Setup, station name, time and time zone, and a screenshot. For a mismatch, capture both apps close together. Never send passwords or access tokens.

[Join the myWeatherDesk Facebook group](#)

Platform instructions and pricing

Use the official references below for your device and operating-system version. Menu names, device support, and third-party prices can change. Links open the publisher's current instructions.

[Apple: add a website to the iPhone Home Screen](#)

[Apple: open an iPad website as a web app](#)

[Apple: Guided Access](#)

[WebKit: Home Screen web push on iOS and iPadOS](#)

[Google: Chrome web apps on Android](#)

[Google: pin and unpin an Android screen](#)

[Fully Kiosk: documentation and PLUS license pricing](#)

[Google: Chrome web apps on desktop](#)

[Microsoft: install and manage Edge apps](#)

[Apple: Safari web apps on Mac](#)

[Raspberry Pi: Chromium kiosk tutorial](#)

myWeatherDesk is software for compatible screens. Tempest, platform software, hardware, internet service, and optional third-party kiosk products are separate. This guide does not set myWeatherDesk subscription pricing or promise every feature in every region.

Feature instructions reviewed against version 2.97 on September 12, 2026. Live screenshots show conditions at capture time; labeled samples demonstrate wind and history controls. This edition replaces the earlier Pilot Build guide.