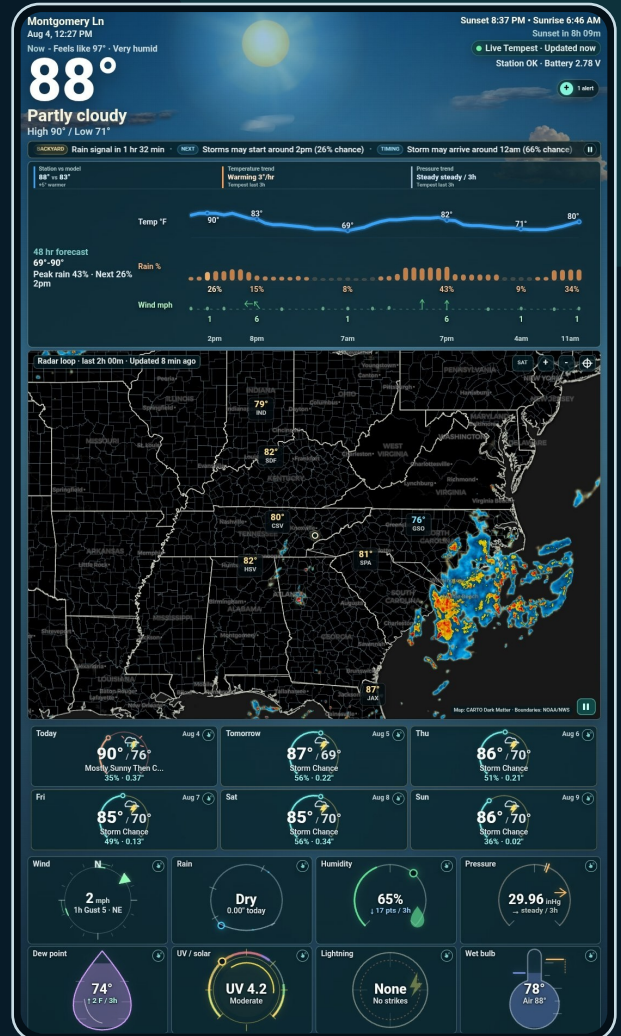


Product & Feature User Guide

A visual guide to the dedicated Tempest display, forecast graph, radar, daily cards, instruments, setup, and everyday operation.

FOR TEMPEST AND LOCATION-ONLY DISPLAYS

- Portrait and landscape tablet layouts
- Live station conditions with forecast context
- Color screenshots and plain-language legends



The display at a glance

The layout changes with screen orientation, but the reading order and weather meaning stay consistent.

Header and now-state

- 1 Place, date/time, feels-like value, current temperature, condition, high/low, sunrise/sunset, source freshness, and station health.

Decision ticker

- 2 Short, rotating weather decisions and timing cues. Use the pause icon when you want one message to remain still.

48-hour forecast

- 3 Observed-versus-model context plus temperature, precipitation chance, wind direction/speed, and time labels.

Radar

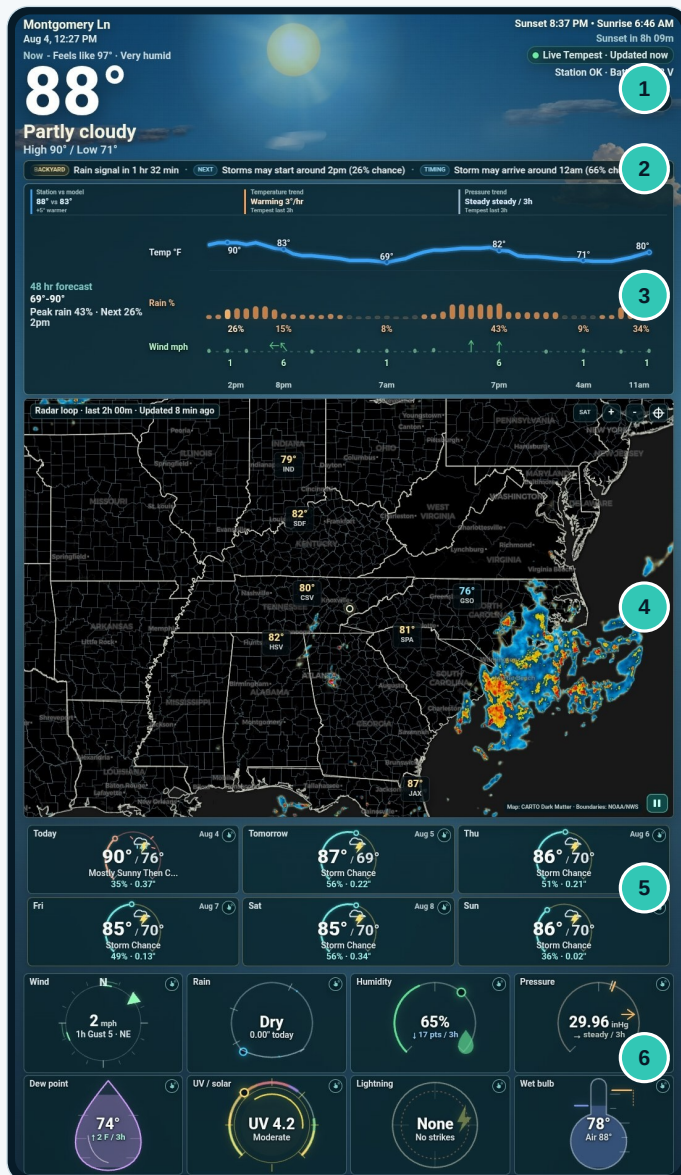
- 4 Animated precipitation with administrative boundaries, nearby city temperatures, and map controls.

Six-day outlook

- 5 High/low, condition, precipitation chance/amount, and a visual probability arc for each day.

Weather instruments

- 6 Eight glanceable station and atmosphere cards. Tap a card to open its history graph.



One display, two setup paths

A Tempest station adds hyperlocal observations. A display location keeps the forecast, radar, alerts, and sky context useful without a station.

TEMPEST-CONNECTED

Fresh, quality-checked Tempest observations lead current conditions such as temperature, wind, rain, lightning, humidity, pressure, and station health.

LOCATION-ONLY

A city, ZIP, airport, or address drives server-backed current context, official alerts, forecast timing, radar, sunrise/sunset, and moving weather visuals.

HOW THE INFORMATION IS LAYERED

NOW

Tempest first

Local observed conditions and fast changes.

NEXT

Forecast context

Timing, hourly/daily outlook, and model comparison.

OFFICIAL

Alerts + radar

NWS alerts and meteorological map context.

RESPONSIVE LANDSCAPE LAYOUT



Header, now-state, and decision ticker

The top of the display answers what is happening now, how it feels, and what is most likely to matter next.



Place and local time

The upper-left block identifies the selected station or display location and uses that place's local date and time.

Now and feels-like

The large number is current temperature. Feels-like accounts for heat/humidity or cold/wind when those calculations apply.

Condition and high/low

The condition summarizes current weather. High and low show the forecast range for the current local day.

Sunrise and sunset

The upper-right block gives today's solar times and the countdown to the next event.

Source freshness

Live Tempest means station data is connected. Updated now or an age value indicates when the current source last reported.

Station health

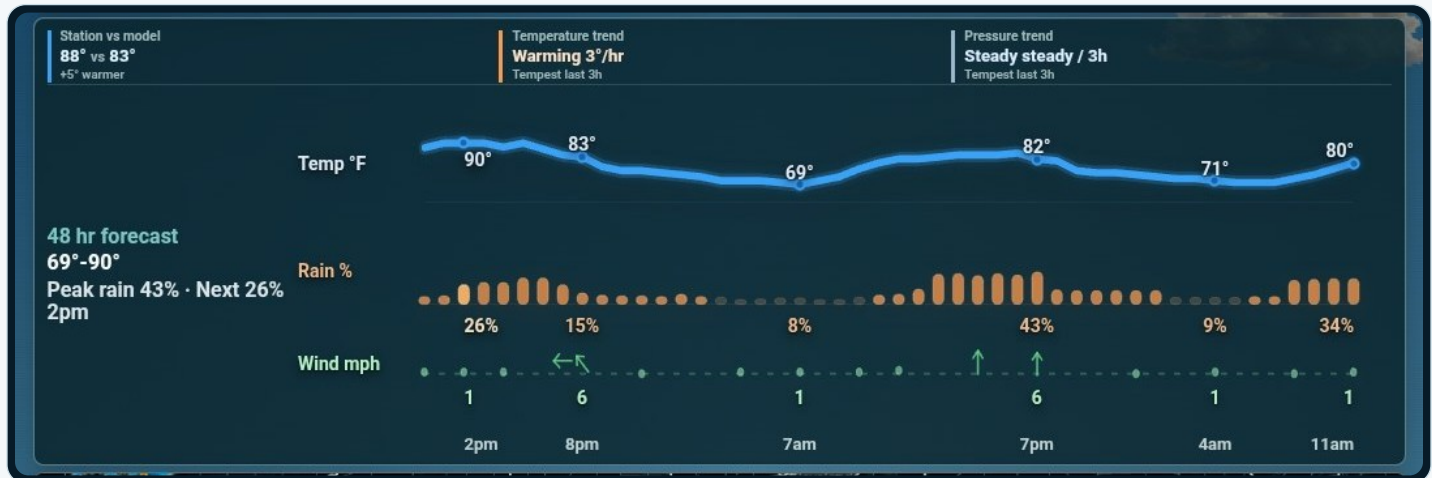
Station OK and battery voltage are compact health checks. A warning state deserves attention in Setup or the Tempest system.

DECISION TICKER

Each item begins with a category such as NEXT, REALITY, BACKYARD, or TIMING. The sentence is the decision-ready message; dots separate items. The pause icon freezes the ticker without stopping weather updates.

The 48-hour temperature, rain, and wind graph

Read left to right. The graph combines station context with a forecast timeline and uses sparse labels to stay readable from a distance.



● Temperature line

● Rain chance bars

● Wind arrows + mph

Station vs model

Compares the observed station temperature with the model value. The difference label shows warmer or cooler than forecast.

Temperature trend

Warming, cooling, or steady describes the recent observed rate. The helper identifies the history window.

Pressure trend

Rising, falling, or steady pressure is shown with the change over the stated time window.

48-hour summary

The forecast range gives expected minimum and maximum temperature. Peak rain highlights the highest probability in view; next rain calls out the next meaningful window.

Temperature labels

The blue line is forecast temperature. Selected points show values without labeling every hour.

Rain and wind

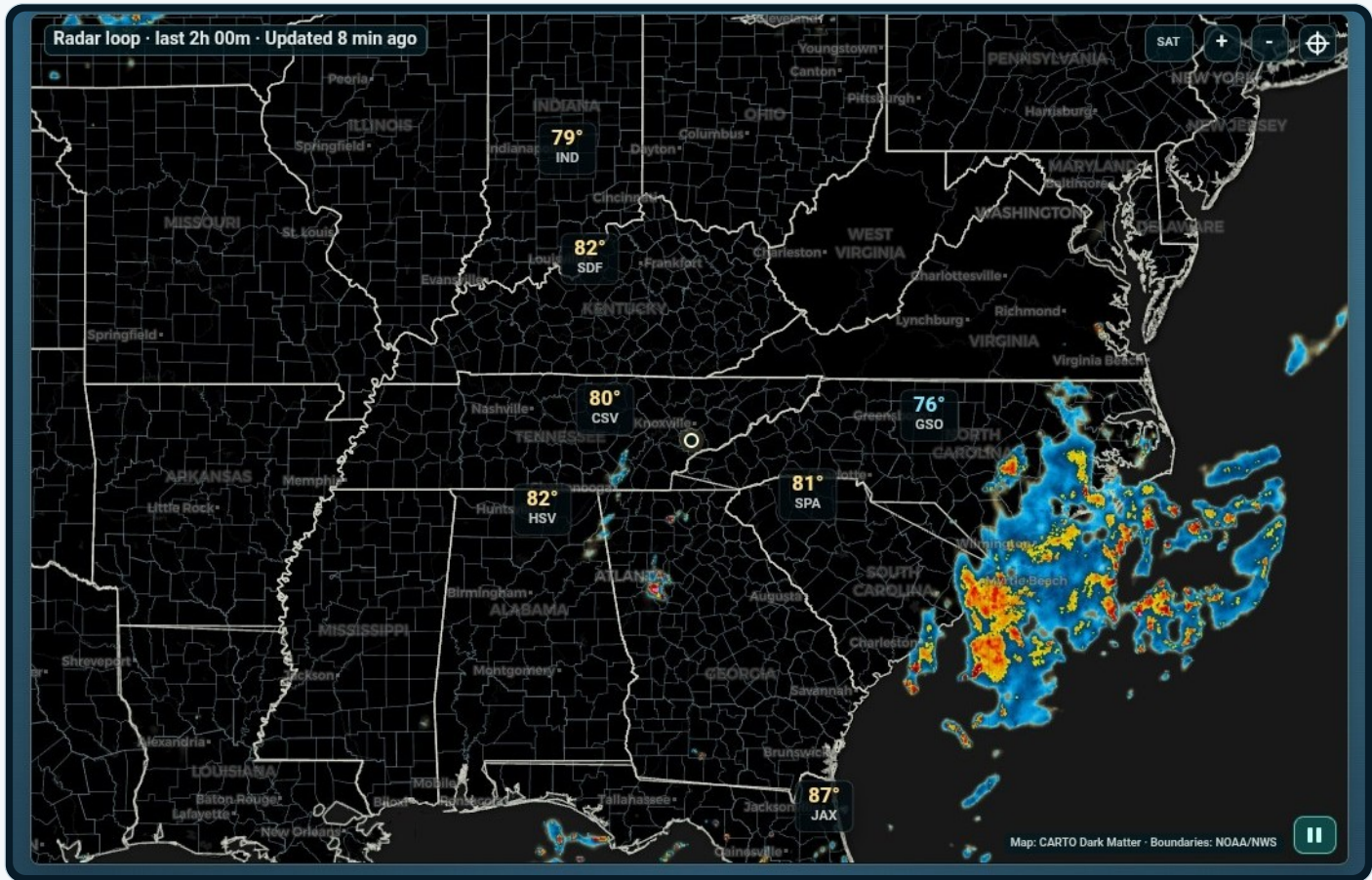
Orange bars and percentages show precipitation probability. Green arrows point toward the direction the wind is moving, with speed below in the selected unit.

IMPORTANT

Rain percentage is probability, not expected duration or coverage. The timeline can change as observations and forecasts update.

Map, precipitation colors, and controls

The dark meteorological basemap keeps radar echoes, boundaries, city markers, and warning context readable.



REFLECTIVITY INTENSITY

 Blue / cyan

 Green / yellow

 Orange / red

 Magenta

Colors progress from lighter echoes to stronger reflectivity. Magenta can indicate very intense convection or hail, but radar color alone does not confirm hail or surface severity.

SAT

Adds satellite cloud context.

+ / -

Zooms the map in or out.

Target

Returns to the display's home view.

Pause / play

Stops or resumes radar animation.

City marker

Shows temperature and a compact station/city code.

Boundaries

Bright state lines and subtler county lines provide geographic reference.

How to read the six-day forecast cards

Each card uses the same compact visual grammar so days can be compared quickly across a row or column.



PROBABILITY ARC

The outer arc is a precipitation-probability scale. The turquoise progress and round marker advance as the chance rises. The crown symbol summarizes the dominant weather type.

CARD READOUT

The top line is day and date. The large pair is high / low. Below it are the condition and precipitation probability or expected amount. Today's card uses the remaining-day outlook when available.

WEATHER SYMBOLS

Sun / moon
Clear or mostly clear

Drops
Rain or showers

Snow / ice
Winter precipitation

Cloud
Cloudy or partly cloudy

Bolt
Thunderstorm signal

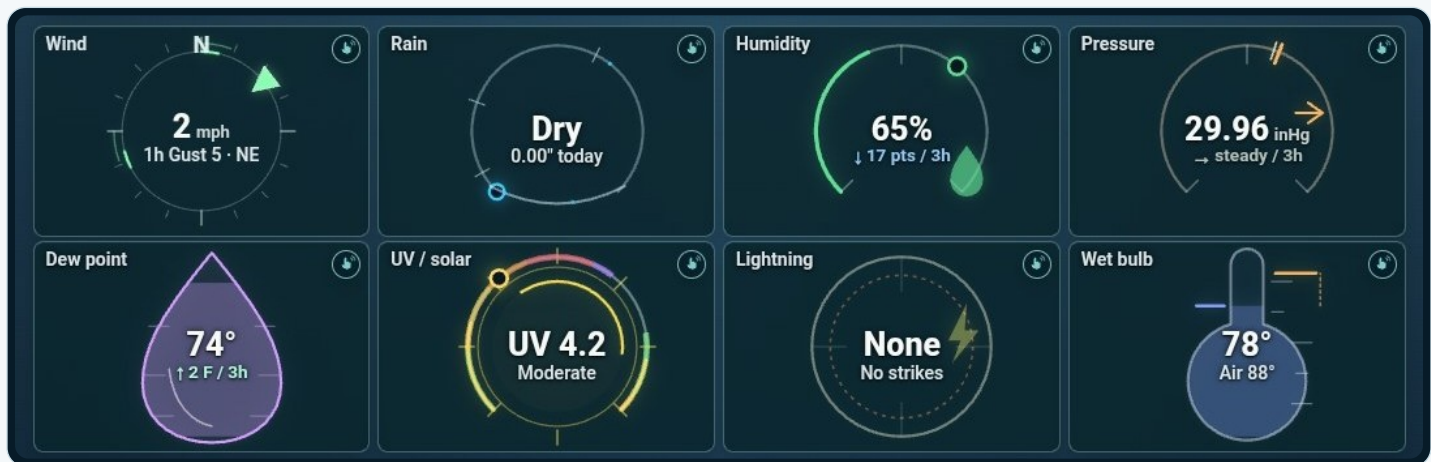
Wind lines
Wind is the dominant concern

MORE DETAIL

Tap any daily card to open its detailed forecast. Close the detail view to return to the full display.

The bottom data cards

Instrument shapes and accent colors make different measurements easier to identify before reading the number.



Wind

Current speed, recent gust, and direction. Compass and arrow show bearing.

Rain

Today's accumulation and current dry/rain state.

Humidity

Relative humidity plus a recent trend when available.

Pressure

Calibrated sea-level pressure and rising/falling/steady trend.

Dew point

Moisture comfort signal and recent change.

UV / solar

UV index, exposure category, and solar context.

Lightning

Recent strike count and nearest available distance.

Wet bulb / Updated

Heat-moisture context or source age, depending on available data.

HISTORY GRAPHS

The small touch cue means the card is interactive. Tap a metric to open its recent history graph, then use Close to return.

Connect Tempest or use a display location

Setup is the only persistent display control. It opens from the bottom-right in portrait and near the top-center in landscape.

myWeatherDesk Pilot Build

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

Display units

Use Celsius

Use km/h wind

Pressure unit

inHg

Rain unit

in

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

Display appearance

Automatic day/night appearance

Uses the display location's sunrise and sunset times. At night, panels dim and text softens while weather colors and the moving sky stay accurate.

Cancel

Save

Enter a display location, connect Tempest, or choose Cancel.

1. Choose location context

Enter a city, ZIP, airport, or address when you want forecast, radar, alerts, sunrise/sunset, and sky visuals centered somewhere other than the station.

2. Connect with WeatherFlow

Choose Continue to WeatherFlow. Sign in on WeatherFlow's secure page and approve access. myWeatherDesk does not receive your WeatherFlow password.

3. Select a station

If the authorized account has more than one station, choose the station that should drive this display.

4. Set units and appearance

Choose Celsius and/or km/h when needed. Automatic day/night appearance follows the selected location's solar times.

5. Save

Save applies the selection and refreshes the display. Cancel closes Setup without replacing the current working configuration.

OAUTH SECURITY

Authorization happens on WeatherFlow. The browser uses the approved connection without storing a WeatherFlow password or exposing the access token in Setup.

Signup, pricing, and display access

Paid access is planned for a future launch. Prices are TBD; current pilot setup continues to work until the commercial gate is intentionally enabled.

COMING SOON

A paid myWeatherDesk account will unlock the official hosted app and protected myWeatherDesk services. The short display activation code is only for pairing a screen to an entitled account; it is not the subscription itself.

PRICES

- Personal - TBD
- Plus - TBD
- Pro / Commercial - TBD
- Display limits and included features will be shown before checkout.

HOW TO SIGN UP AFTER LAUNCH

- Visit myweatherdesk.com and choose Sign Up.
- Create your myWeatherDesk account and verify your email if prompted.
- Choose a plan. Pricing will be listed as TBD until launch pricing is final.
- Complete checkout through the secure payment page.
- Open myWeatherDesk on the tablet, TV, computer, or browser that will run the display.
- Choose Activate Display, then scan the QR code or enter the short activation code from your signed-in account.
- Choose Continue to WeatherFlow, sign in on WeatherFlow, approve access, select your Tempest station, and Save.

REFRESH, REINSTALL, AND DISPLAY LIMITS

- A normal browser refresh, app restart, or device restart should keep working because the paired display keeps a secure display credential.
- If browser data is cleared or the PWA is reinstalled, the display can be paired again from the account.
- If the plan's display limit is full, the account owner can replace an older display slot instead of buying again.
- WeatherFlow sign-in remains separate: a paid myWeatherDesk display may still need WeatherFlow reconnect if WeatherFlow authorization expires.

Quick reference and troubleshooting

Most operation is automatic. Use these cues when you want more detail or need to check why a value is missing.

SETUP

Opens station, location, units, and appearance settings. The button fades when idle and returns after touch, pointer movement, or keyboard activity.

TICKER PAUSE

Pauses only the moving message ticker. Weather data, radar, clocks, and background motion continue updating.

RADAR PAUSE

Pauses only the radar loop. Use play to resume animation; map and station data remain available.

DAILY AND METRIC CARDS

Tap a daily card for its detailed forecast or a metric card for recent history. Each detail view includes Close.

IF SOMETHING LOOKS STALE OR UNAVAILABLE

- Check the Updated age and Live Tempest/source badge before judging a value.
- Open Setup and confirm the intended station and optional display location are selected.
- Station OK and battery voltage help separate station health from forecast-provider availability.
- Location-only forecast data remains available when no private Tempest station is connected.
- App and weather refresh checks run automatically while the display is visible and when it returns to the foreground.

PILOT BUILD FEEDBACK

The pilot label identifies a production-quality build that is still gathering real-world feedback. For questions, bug reports, or product feedback, use the pilot feedback channel provided by the project team.

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