AGUACEROWX USER GUIDE

Broadcast and presentation

Turn the workspace into on-air graphics for TV, streams and briefings: a branded banner, alert titles, a ticker, your own headers and scenes that step through a show. Most of these tools need Creator.

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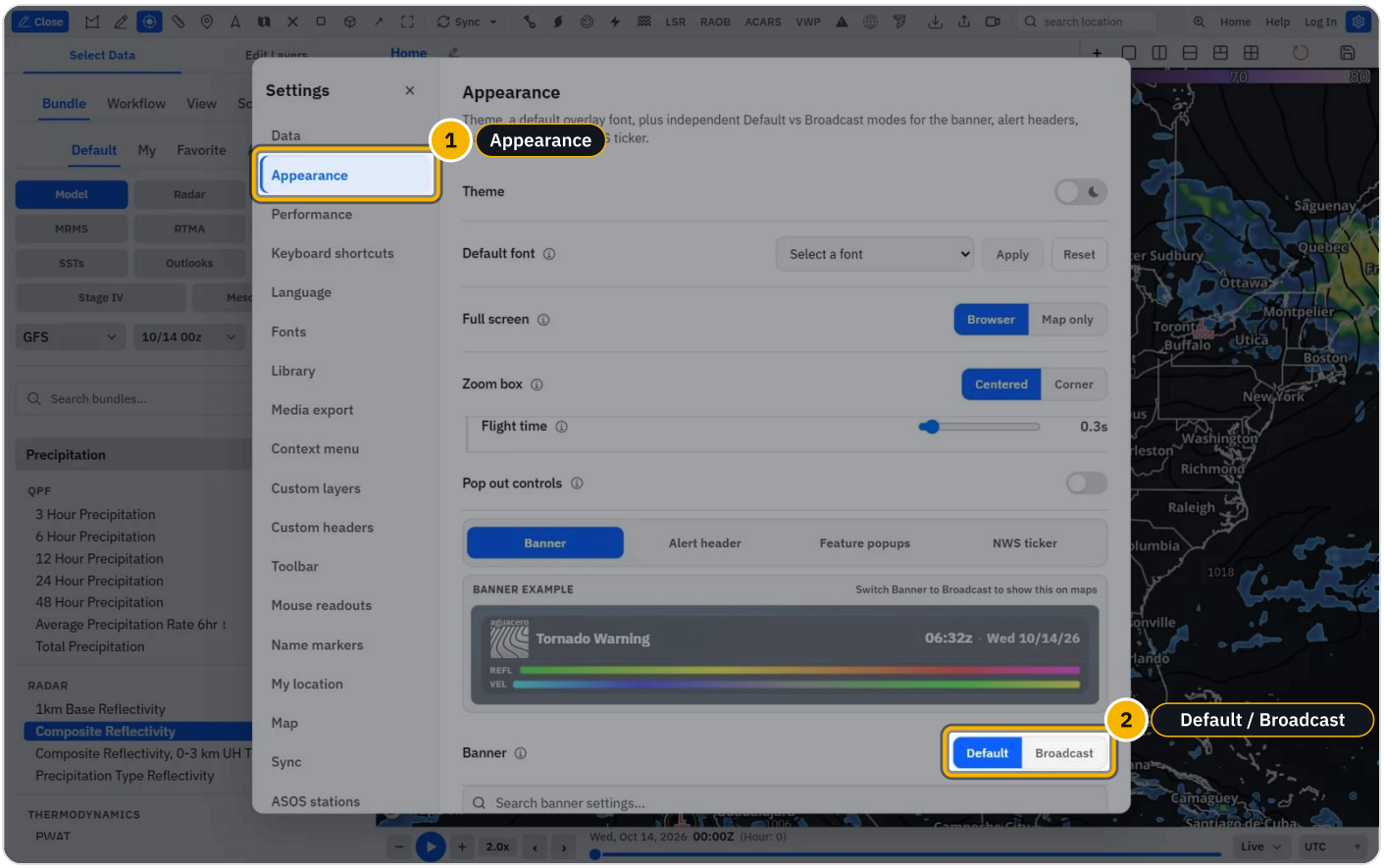
BEFORE YOU START

- The banner, alert header, feature popup and ticker looks live in **Settings** → **Appearance**, each on its own tab.
- Viewpoints, scenes and layouts live in the sidebar. Open it with the **Edit:** button on the toolbar (it shows the bundle's name) or `F1`, stay on **Select Data**, and use the **View**, **Scene** and **Layout** tabs.
- Uploads and saved looks, viewpoints and scenes need a signed-in account.

01 Broadcast mode CREATOR

Broadcast mode swaps the usual map text for an on-air banner with your title, fonts, colors and logo, the valid time and the legend.

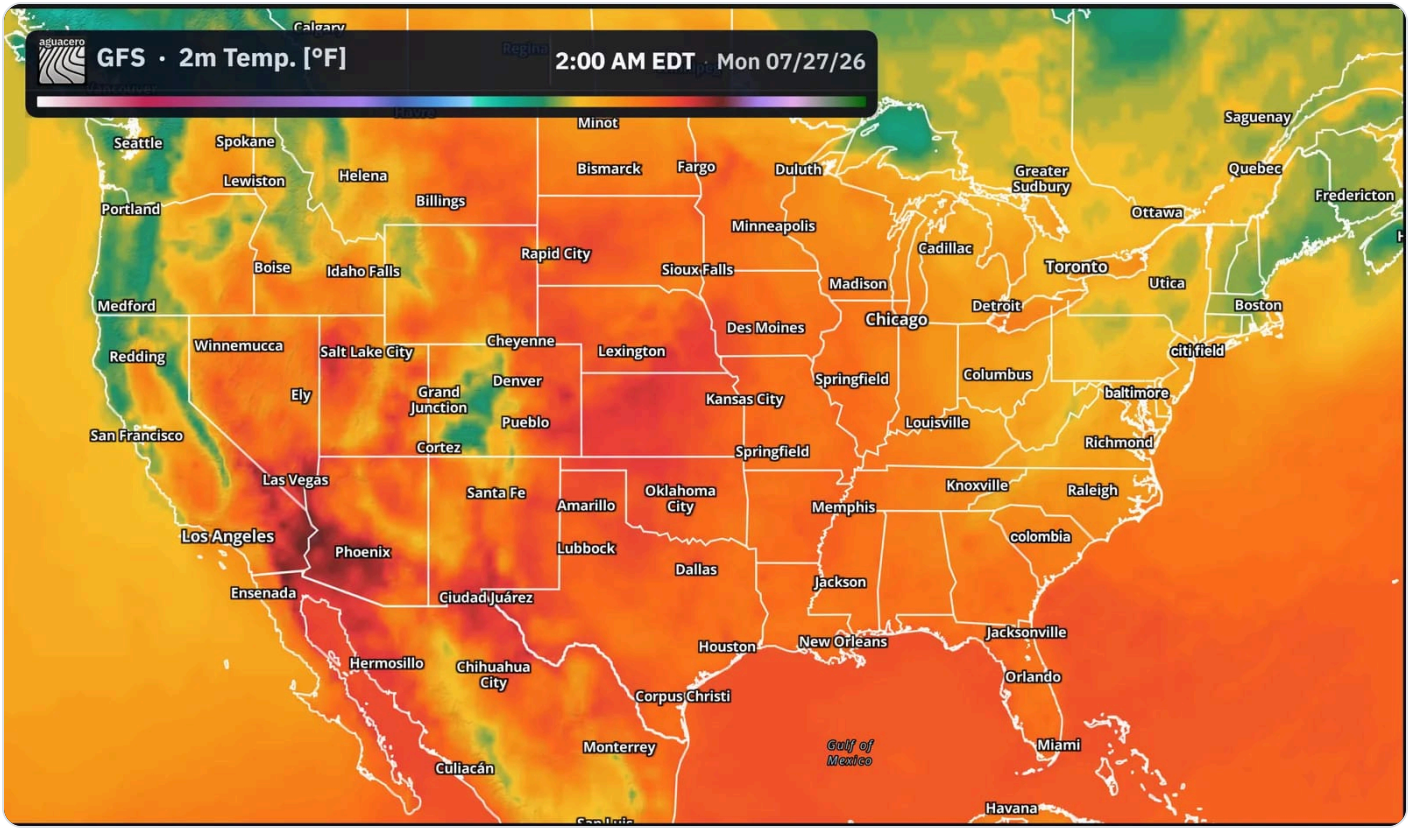
1. Click **Settings** on the toolbar, then **Appearance**.
2. On the **Banner** tab, click **Broadcast** next to **Banner**.
3. Choose a **Title**: **Default title**, **Custom title** or **Bundle title**. With **Custom title**, double-click the banner on the map to type your own.
4. Set the **Font**, **Text color**, **Background color** and **Header layout**.
5. Under **Broadcast banner logo**, click **Upload logo** to add your own PNG.
6. To keep this look, name it under **Saved banners** and click **Save current**.



Settings → Appearance, with the Default / Broadcast switch on the Banner tab.

TIPS

- The banner, alert header, feature popups and ticker are set separately, so you can use any of them without the banner.
- In Broadcast mode the banner replaces the sidebar **Layout** tab and **Custom Header** layers.



A broadcast banner over a GFS 2 m temperature map.

02 Custom headers CREATOR

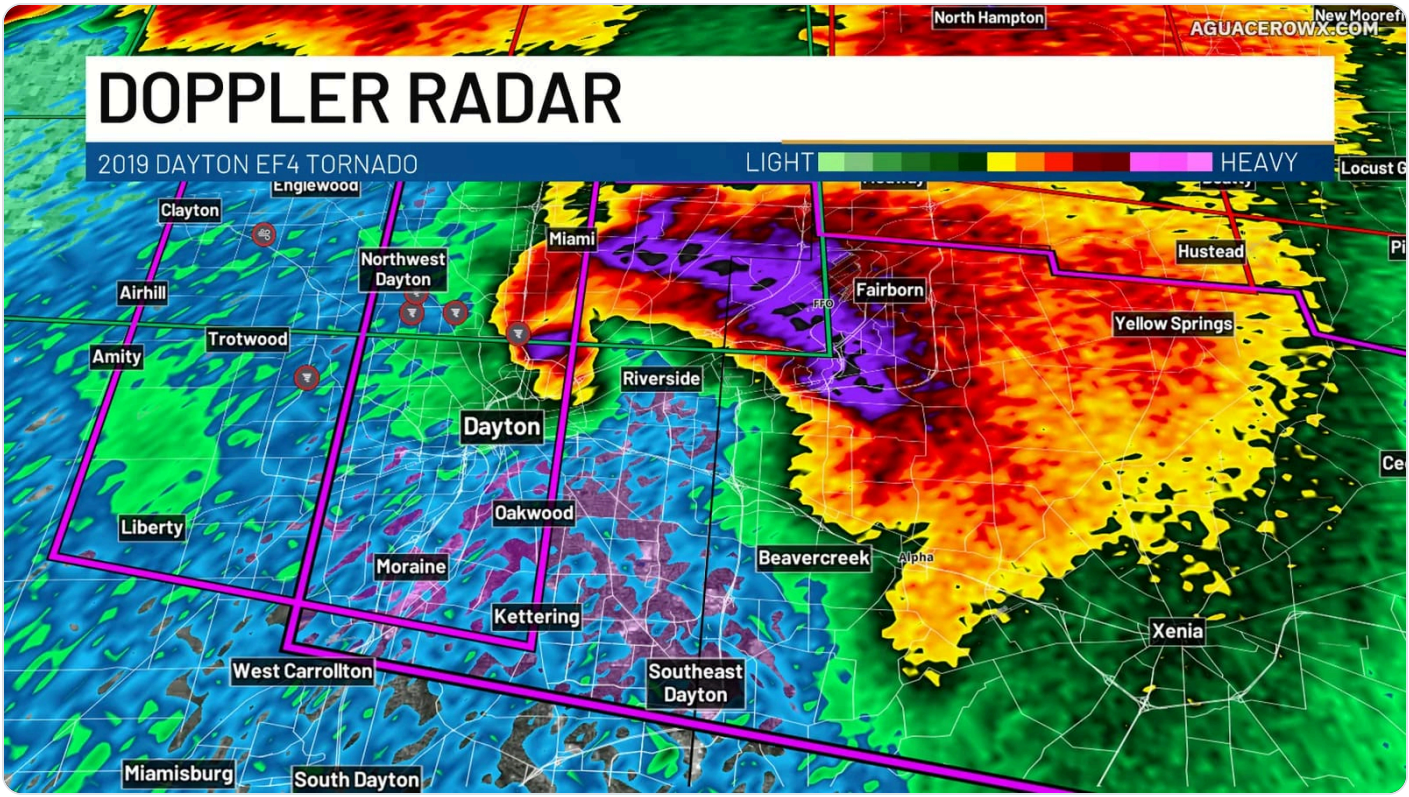
Upload your own upper thirds, logos and animated graphics, then place one or more on the map and add text to them.

1. Click **Settings** on the toolbar, then **Custom headers**.
2. Drop a PNG, JPEG, WebP, GIF, WebM or MP4 file on the upload area, or click **browse**.
3. Give the header a name and click **Save to library**.
4. In the sidebar, switch to **Edit Layers**, click **Add Layer**, choose **Custom Header** and pick your header.
5. Click **Edit Layer** on the header's row, then drag the header on the map to move it, or drag its corner and edge handles to resize it. Headers only move while their settings are open.
6. To add text, open the header's settings, turn on **Show text on this header** and type, or double-click the text on the map.

TIPS

- GIF, WebP and video headers play on the map.
- You can also add headers in the **Layout** tab and to scene steps.

Needs Creator and a signed-in account. Not available while the banner is in Broadcast mode.



A custom DOPPLER RADAR header over the 2019 Dayton tornado.

03 Alert headers CREATOR

When you click a warning, hurricane cone or outlook, show its name as a TV-style title in the alert's color.

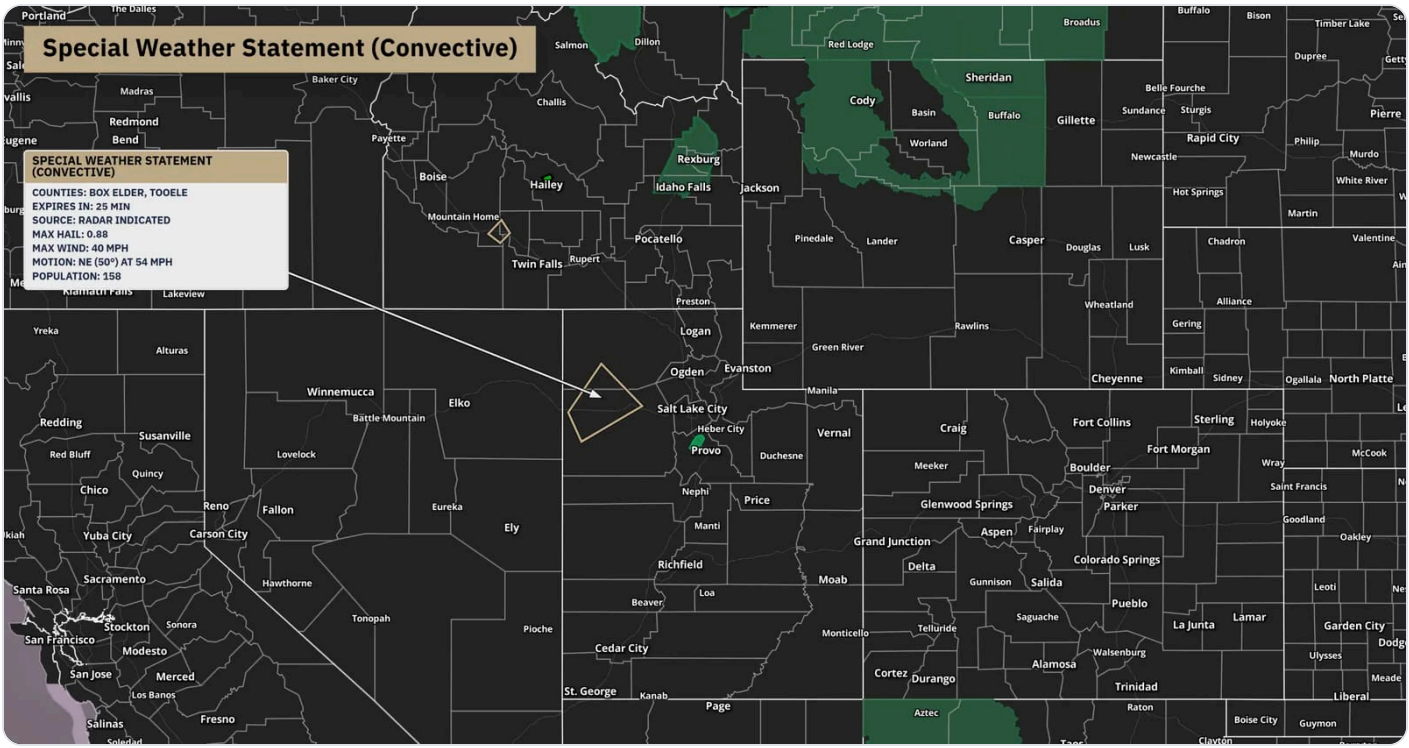
1. Click **Settings** on the toolbar, then **Appearance**.
2. Open the **Alert header** tab and turn on the **Alert header** switch.
3. Under **When an alert is selected**, choose **Separate header** (a title you can drag) or **Replace banner title**.
4. Style the text and background. **Show severity** keeps tags such as PDS or Emergency in the title.

5 Click an NWS alert, hurricane cone or outlook on the map to show the header.

TIPS

- **Hide broadcast banner** hides the banner while a separate alert header is showing. **Header icon** adds a PNG to the left of the title.

Needs Creator. Works with the banner in Default or Broadcast mode; with broadcast mode off, the separate header is used.



An alert header and details card for a Special Weather Statement.

04 Alerts ticker CREATOR

Run a TV-style crawl of active NWS alerts along the bottom or top of the screen.

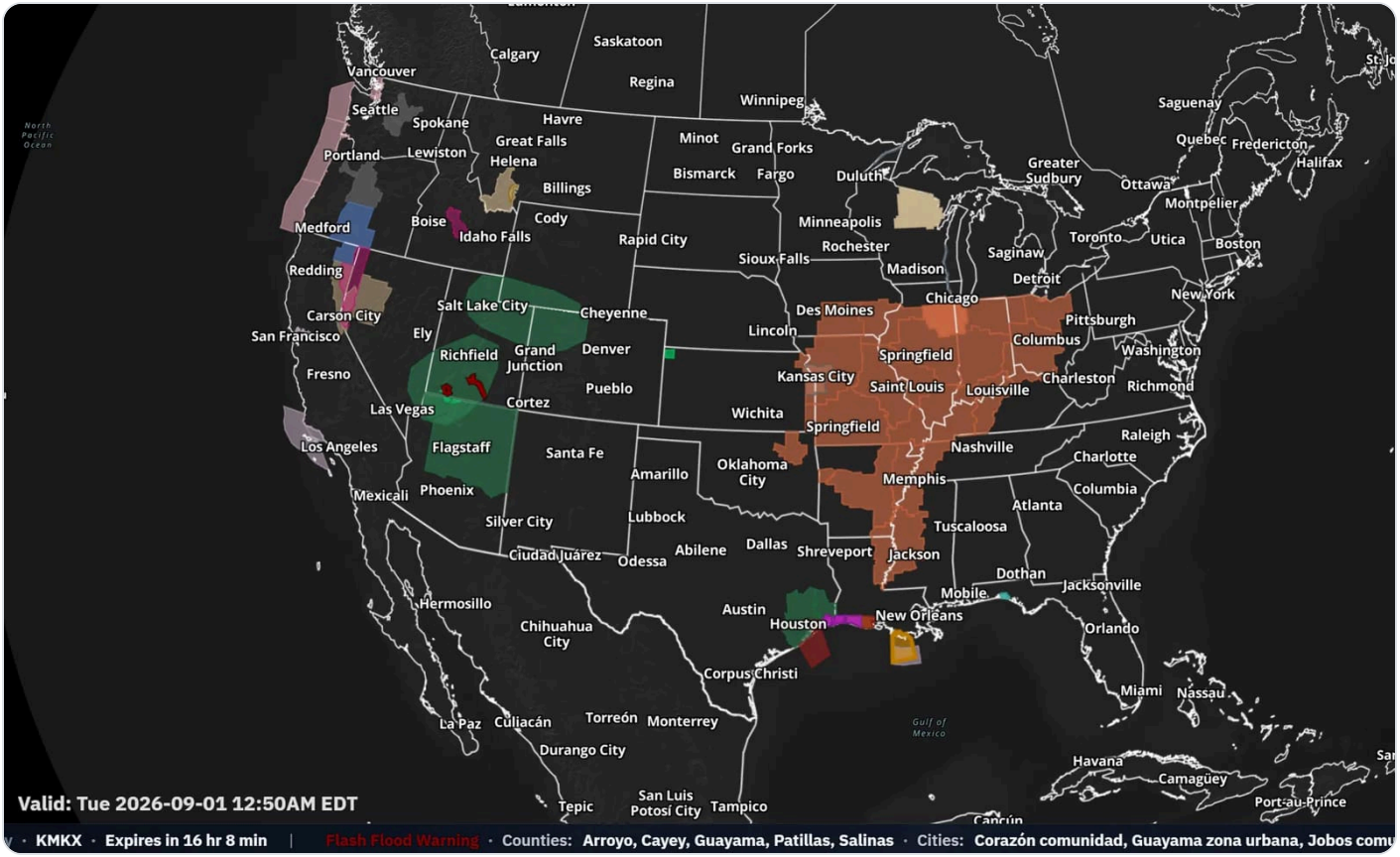
1 Click **Settings** on the toolbar, then **Appearance**.

2 Open the **NWS ticker** tab and turn on the **NWS ticker** switch.

3 Set **Position** to **Bottom** or **Top**.

4. Leave **Sync with map** on to match the map, or turn it off and pick a saved **NWS alert bundle**.
5. Turn on **Show clock** or **Show logo** to add them to the crawl.

> Needs Creator. To give the ticker its own mix of alerts, save an alert bundle from the **Alerts** toolbar menu first.



The NWS alerts ticker along the bottom of a globe view.

05 On-air popups CREATOR

Show warning and feature details as on-air cards when you click them, and keep several on screen at once.

1. Click **Settings** on the toolbar, then **Appearance**.
2. Open the **Feature popups** tab.
3. Pick a style: **Default**, **Broadcast** or **Broadcast (Simple)**.
4. Turn on **Allow multiple popups** to keep earlier popups open when you click another feature.

5 Click a warning or other feature on the map to open its popup.

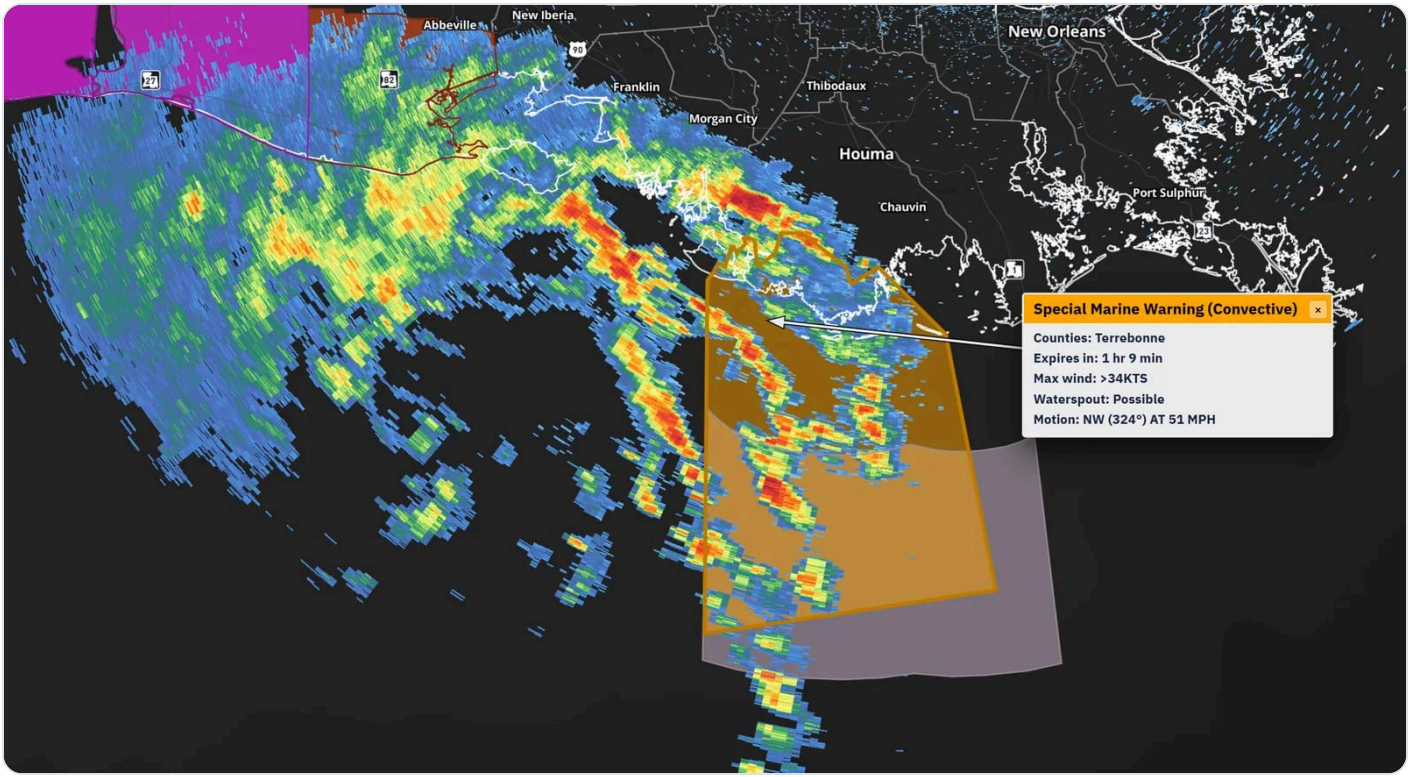
TIPS

- Turn on **Only show popup when clicking outline** so clicks inside a warning do not open it.

SHORTCUTS

`PageUp` / `PageDown` Step through overlapping features at the clicked spot (broadcast styles)

`Backspace` Close the latest popup on the active panel



A broadcast popup for a Special Marine Warning over Louisiana radar.

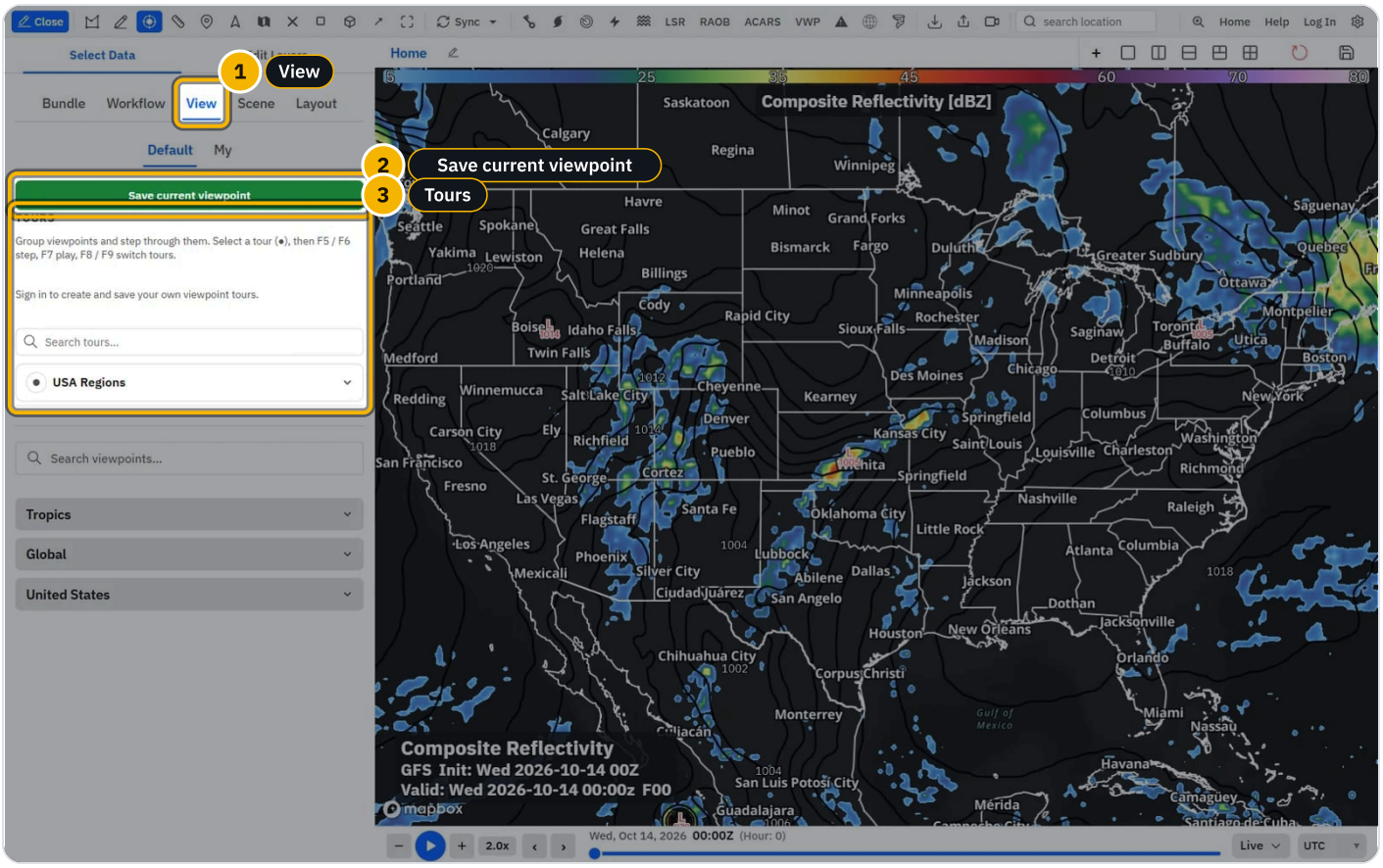
06 Viewpoints and tours CREATOR

Save camera views, then string them into a tour that flies from one to the next. Play it live or export it as a video.

1 Open the sidebar with the **Edit:** button or `F1` and click the **View** tab.

2 Move the map to the view you want, click **Save current viewpoint**, name it and save.

3. Under **Tours**, click **+ New tour**.
4. Click **Add steps**, click **+** on each viewpoint in the list, then click **Done adding**.
5. Click the dot (●) on the tour to select it for keyboard control.
6. Click **Play**, or step with F5 and F6. Click **Export** to record the tour as a GIF or MP4.



The View tab with Save current viewpoint and the Tours list.

TIPS

- Set **Fly duration** and **Switch to next step after** on a tour to change its pace.

SHORTCUTS

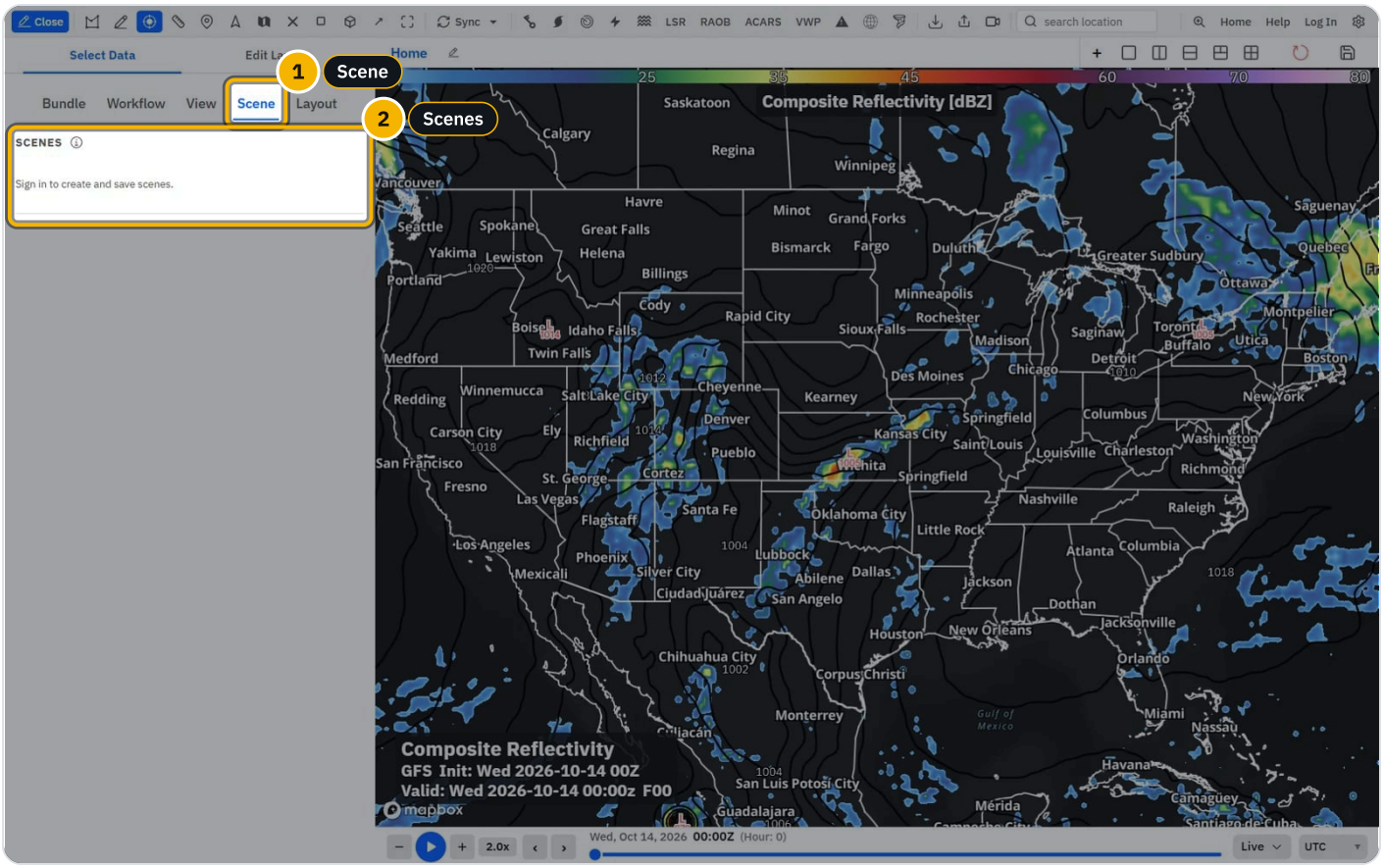
F5 / F6	Previous or next step
F7	Play or pause
F8 / F9	Previous or next tour

Saving viewpoints needs a signed-in account. Making tours (**+ New tour** and **Add steps**) needs Creator; anyone can play and export a tour, including the built-in **USA Regions** tour. A tour needs at least two viewpoints to play or export.

07 Scenes CREATOR

A scene is a step-by-step show. Each step can load a bundle or workflow, a viewpoint and headers, or show an image or video.

1. Open the sidebar and click the **Scene** tab.
2. Click **+ New scene**. It starts with one empty step.
3. Expand the step and use **Add bundle**, **Add workflow** or **Add header/image**. For a picture or video, set its type to **Media** and upload the file.
4. Click **+ Add step** for each part of your show.
5. Under the scene's **Global settings**, set **Advance** to **Timer**, **After loop** or **Manual**, and choose a **Transition**.
6. Select the scene with its dot (●), then click **Play** or use `F5`, `F6` and `F7`.
7. Click **Export** to record the scene as a GIF or MP4.



The Scene tab and the scenes workspace.

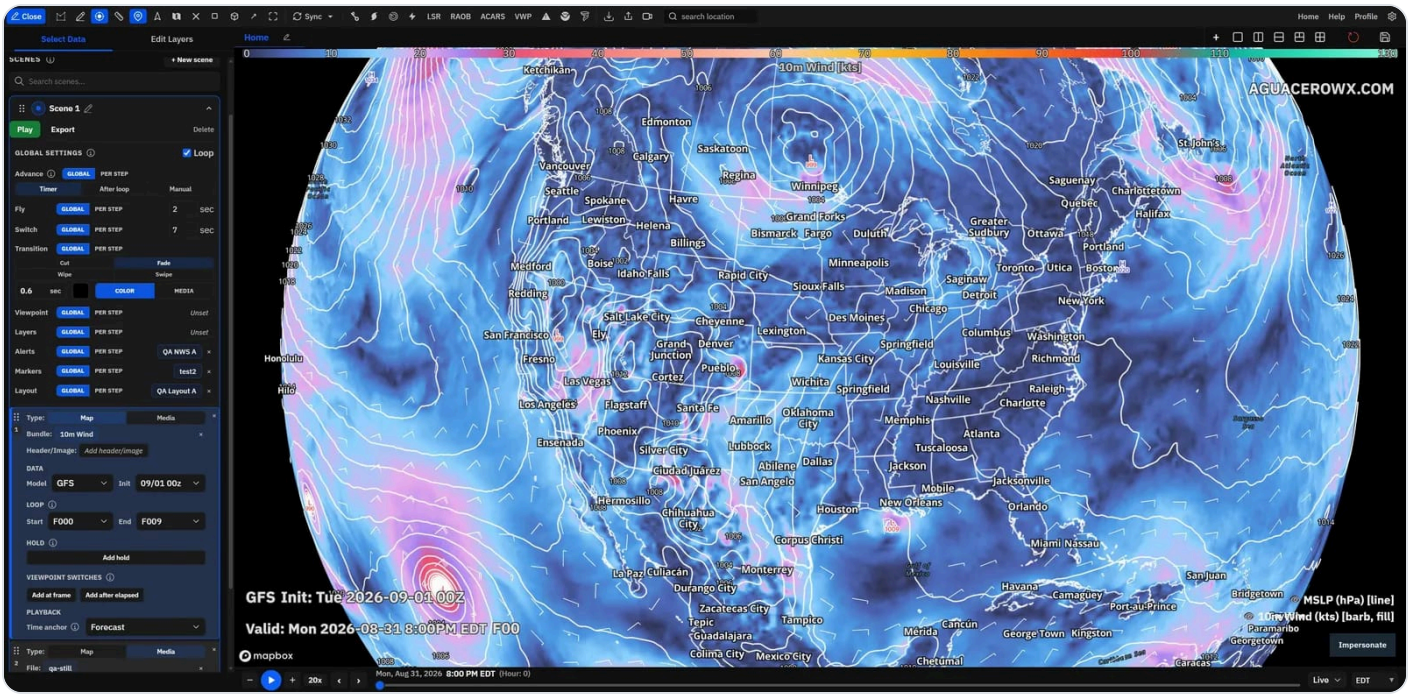
TIPS

- Expand a map step to set its time range, model run and radar sites. **Add hold** pauses the loop for a set time or **Until click**.
- Switch any row under **Global settings** to **Per step** to vary it by step. Hold and drag a scene or step to reorder it.

SHORTCUTS

F5 / F6	Previous or next step
F7	Play or pause
F8 / F9	Previous or next scene
Space	Continue after a hold, or go to the next step when Advance is Manual

Needs Creator and a signed-in account. Play and Export need at least two steps with content. Exports use the format set in **Settings** → **Media export**.

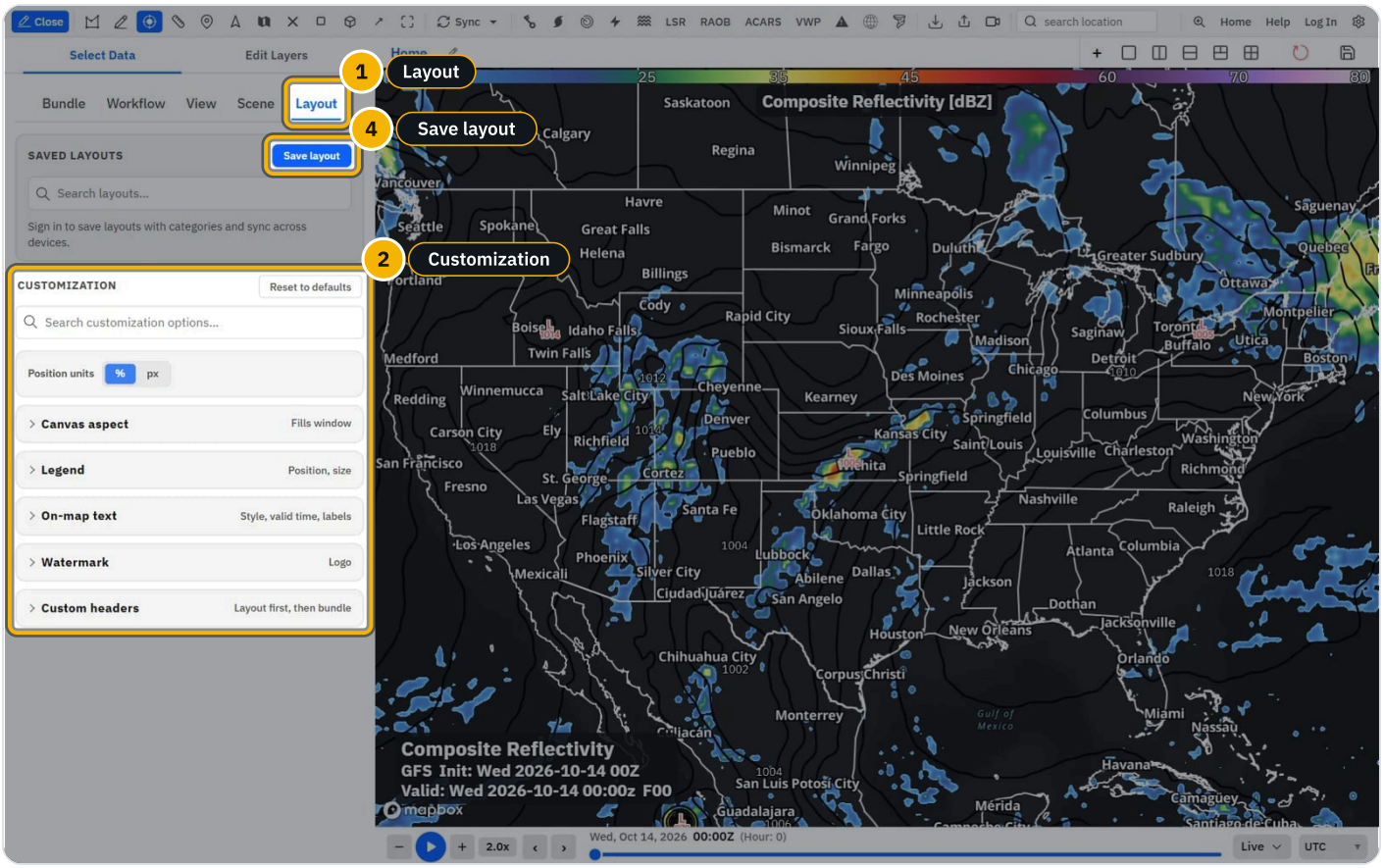


The scene editor next to a GFS globe view.

08 Layouts

A layout sets the text drawn on the map: valid time, titles, layer labels, legends, the watermark and custom headers.

1. Open the sidebar and click the **Layout** tab.
2. Under **Customization**, open a section: **Legend**, **On-map text**, **Watermark** or **Custom headers**.
3. Change what you need. The map updates as you go.
4. Click **Save layout** and give it a name, category and subcategory.
5. Click a layout under **Saved layouts** to apply it to the active board.



The Layout tab: saved layouts above, customization below.

TIPS

- **Reset to defaults** undoes every change. **Update active layout with current settings** saves changes to the layout you loaded.
- To keep a layout with a bundle, turn on **Save layout to bundle** in the bundle's save dialog (**Save Bundle**).

Saving layouts needs a signed-in account, and custom headers need Creator. The **Layout** tab is unavailable while the banner is in Broadcast mode.

09 Canvas aspect ratio

Lock the live map to 16:9, 9:16 or another frame so screenshots, streams and exports match your other graphics.

1. Click **Settings** on the toolbar, then **Media export**.

2. Under **Map canvas**, pick a **Canvas aspect**: **16:9**, **9:16**, **4:3**, **16:10**, **3:2**, **1:1**, **21:9** or **Custom**.
3. If you need exact pixels, set **Resolution lock**, for example **1080p** for an OBS scene.
4. Close Settings. The map is letterboxed to that frame, even with the sidebar open. Choose **Off** to undo it.

TIPS

- The same control is in the **Layout** tab under **Canvas aspect**. A layout saved with an aspect switches the map back to it when loaded.

10 Floating board toolbar CREATOR

Put the toolbar on the board as a small panel you can drag, in place of the top toolbar. Settings calls it the popout toolbar.

1. Click **Settings** on the toolbar, then **Toolbar**.
2. Turn on **Popout toolbar**. The top toolbar is replaced by a toolbar on the board.
3. Drag the grip on the popout toolbar to move it.
4. Set **Orientation** (**Horizontal** or **Vertical**), **Columns** or **Rows**, **Size**, **Background color** and **Icon color**.
5. Turn **Popout toolbar** off to bring back the top toolbar.

Needs Creator. It is not a separate window: it stays inside the board.

11 Radar drop shadow CREATOR

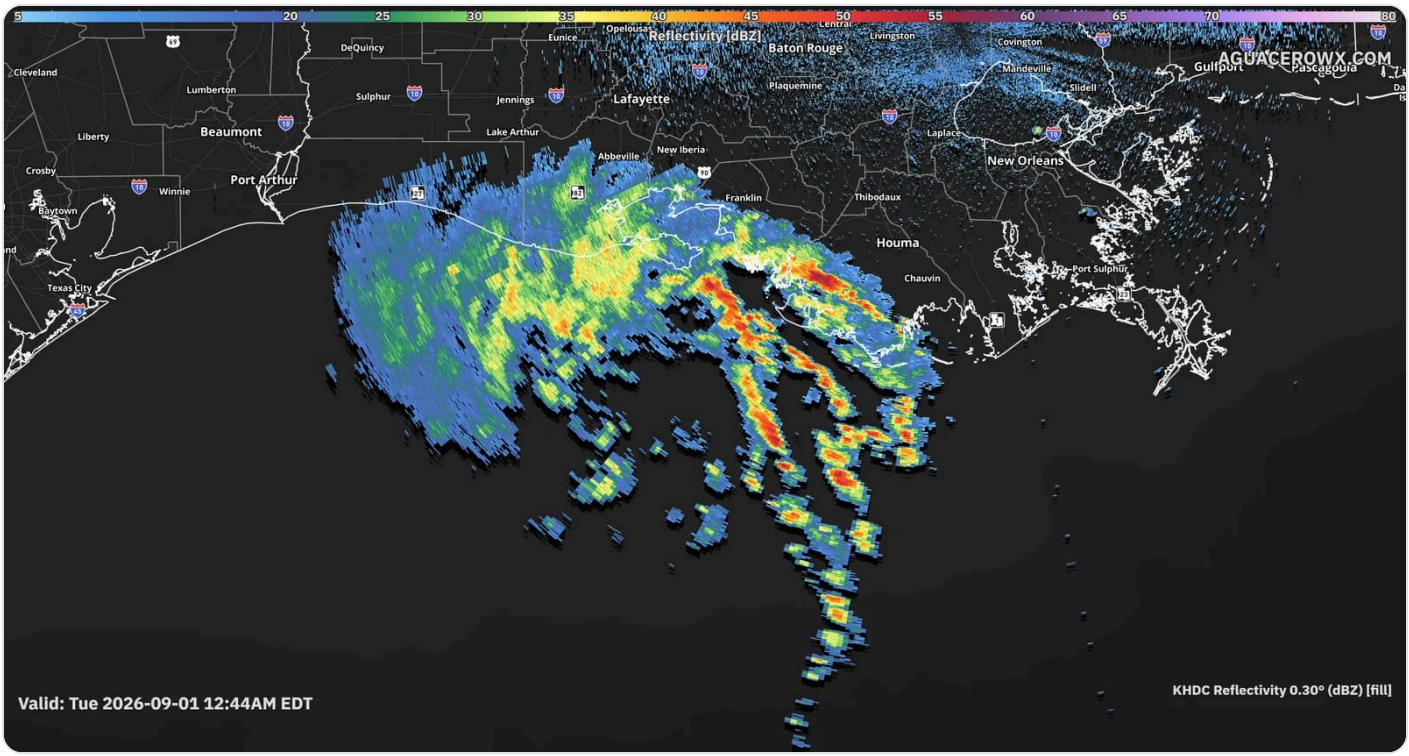
Add a hard black drop shadow under NEXRAD gates so the radar stands out from the basemap on air.

1. Load a NEXRAD layer and open the sidebar on **Edit Layers**.
2. Click **Edit Layer** on the radar layer.
3. Tick **Shadow**.
4. Set **Shadow direction** (0° puts the shadow at the top) and **Shadow size**.

TIPS

- To turn it on for every radar product, open **Settings** → **Data**, choose the **Radar** tab and set **Shadow** to **On**.

Needs Creator.



NEXRAD reflectivity with a gate drop shadow.

12 No watermark COMMERCIAL

Commercial accounts can remove the AguaceroWx watermark and default logo from broadcast output and exports.

1. Click **Settings** on the toolbar, then **Appearance**.
2. On the **Banner** tab, turn off **Show Aguacero logo**. If you uploaded your own logo, turn off **Show AguaceroWx watermark** instead.
3. In the sidebar **Layout** tab, open **Watermark** and turn off **Show watermark**.

On other plans these switches open a **Commercial feature** notice with an **Email us** button. Creator and University output keeps the watermark.