AGUACEROWX IN-DEPTH GUIDE

Bundles, workflows and your library

A bundle is everything on one map panel: its layers, their order and styles, and the model and run. A workflow saves every board, panel and bundle at once, so a full briefing layout comes back in one click. This guide covers building bundles in the sidebar, every save option, the library, panels, boards, Sync, sharing and what opens when the app starts.

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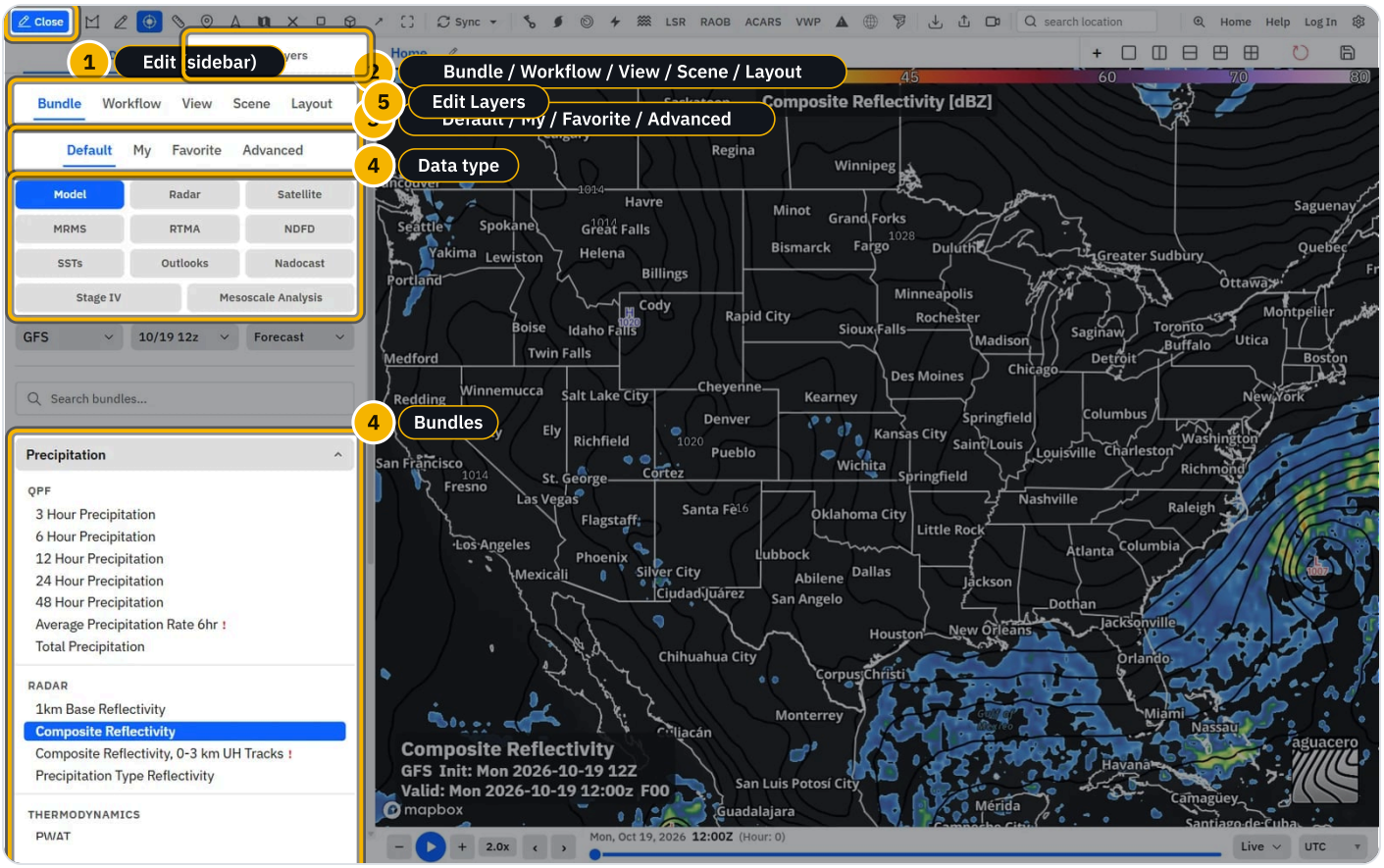
BEFORE YOU START

- A **bundle** is the stack of layers and settings on one map panel. A **workflow** saves every board, panel and bundle at once.
- Everything starts in the sidebar. **Select Data** is your library; **Edit Layers** changes the bundle on the active panel. Click a panel to make it the active one. Press `F1` to open or close the sidebar.
- Sign in to save, favorite, edit and share. Free saves up to 10 bundles. Enthusiast saves 20 bundles and 2 workflows. Professional and up save unlimited bundles and workflows and add extra boards.
- Saved bundles, workflows, favorites, library order, sync choices and your start view live in your account and follow you to every device. The layers on screen are not saved until you save them.

01 Quick start: load, change and save a bundle

Load a built-in bundle on a panel, change its layers, and save it to your own library in under a minute.

1. Click **Edit** at the left end of the toolbar (it shows the name of the bundle on the active panel), or press `F1`, to open the sidebar.
2. Click **Select Data** at the top of the sidebar, then the **Bundle** tab.
3. Click the **Default** list. It holds the built-in bundles.
4. Click a data type such as **Model** or **Radar**, open a category, and click a bundle. It loads on the active panel.
5. Click **Edit Layers**. Click **Add Layer** to add a layer, drag a row’s handle to change the draw order, or click the eye to hide a layer.
6. Click **Save Bundle**. Fill in **Name**, **Category** and **Subcategory**, then click **Upload Bundle**.
7. Find your bundle later under **Select Data** → **Bundle** → **My**.



The library in Select Data: tabs, lists, data types, search and the bundle list.

TIPS

- Default bundles are starting points. Load one, change it, and save it as your own. Saving never changes the built-in bundle.
- Signed out, you can browse and load default bundles. **My**, **Favorite** and **Save Bundle** ask you to sign in.

SHORTCUTS

`F1`	Open or close the sidebar
`Shift` + click	Skip the confirmation on Remove All, Reset layout and deleting your own bundle or workflow

02 What a bundle saves

Know what is always in a bundle, what you can add when you save, and what is never part of it.

A bundle belongs to one map panel. Each panel on a board has its own bundle, and loading a bundle replaces the one on the active panel only.

ALWAYS SAVED	
Layers	Every layer on the panel, its data source and field, and whether it draws as fill, line, points or barbs.
Order and visibility	The draw order from Edit Layers, and which layers are hidden with the eye.
Styles	Everything set in **Edit Layer**: colormaps, ranges, opacity, contours, barbs, point values, radar tilt and so on.
Model and run	Saved with the bundle, but by default a bundle opens on the model and run the panel already shows (the saved ones are used only when the panel has none). Turn on **Always open to saved model** to pin the model.
Station rows	ASOS station plots, stream gauges and VWP sites when they are on the panel.
Name, Category, Subcategory, Private	How the bundle is named, where it sits in the library, and who can open it.

OPTIONAL (SWITCHES IN THE SAVE DIALOG)	
Map	Basemap, map customizations and custom Mapbox style.
Viewpoint	Where the map is centered, the zoom, tilt and rotation.
Alerts	Your NWS alert customization.
Name markers	Your name markers and how they look.

Layout	The board’s on-map layout from the Layout tab.
Model pin	Always open on the saved model.
NEXRAD site pin	Always open on the saved radar site or sites.

Never in a bundle: the other panels and boards (save a **workflow** for that), your account settings such as units, time zone and mouse readouts, drawings and PGEN products, and archive time windows. In archive mode, save an event instead.

TIPS

- Custom GeoJSON layers are stored once in your account. The bundle keeps a link to the file, not a copy.
- In Broadcast mode with a custom banner title, the title is saved with the bundle and comes back when you load it.

03 Browse the library in Select Data

Find any bundle, workflow, view, scene or layout by type, list, data type, category or name.

1. Open the sidebar and click **Select Data**.
2. Pick what to browse with the top row of tabs: **Bundle**, **Workflow**, **View**, **Scene** or **Layout**.
3. Pick a list with the second row: **Default**, **My**, **Favorite** or **Advanced**.
4. Click a data type button to narrow the list, then click a category header to open it.
5. Type in **Search bundles...** to filter by name. Every matching category opens while you search.
6. Click a row to load it. The row of the bundle on the active panel stays highlighted.

WHAT TO BROWSE

Bundle	Layer stacks for one panel. Default tab.
Workflow	Whole boards-and-panels setups. Shows a lock on Free; Enthusiast and up can open it.

View	Saved map viewpoints. Click one to fly the active panel there. **Save current viewpoint** saves a new one.
Scene	Multi-step presentations. Needs Creator.
Layout	On-map legends, titles and branding. Unavailable in Broadcast mode while signed in.

LISTS	
Default	Built-in bundles for every data type. On the **Outlooks** and **Nadocast** data types, this list shows a product picker instead of bundles. Workflows have no Default list.
My	What you saved. Needs sign-in. Lists up to 10 bundles on Free and 20 on Enthusiast, and up to 2 workflows on Enthusiast.
Favorite	Items you starred, yours or anyone's. Needs sign-in.
Advanced	Opens the filter dialog to search your bundles, your favorites or every user's public bundles. Click **Advanced** again to change the filters.
Team tab	Accounts in an organization with a team library see an extra tab named for the team. Everyone on the team can load from it; only team accounts can change it.

DATA TYPE BUTTONS	
All	Every type. Shown on My, Favorite and team lists, not on Default.
Model, Radar, Satellite, MRMS, RTMA, NDFD	Bundles whose layers use that data. A bundle with mixed layers appears under each type it uses.
SSTs, Outlooks, Nadocast, Stage IV, Mesoscale Analysis	The other built-in data families.

Meteograms	Saved meteogram layouts. Loading one opens or switches the board's meteogram instead of map layers.

On the **Model** type, the model and run menus appear above the list, so you can pick the model before you pick a bundle. On **Satellite**, pick the satellite and sector first; bundles load on that satellite. On **SSTs**, pick the SST source. On **NDFD**, an NDFD run menu appears.

TIPS

- A red **!** after a name means some of the bundle's layers aren't available for the active model (or satellite, or archive date). Hover it to see why. Clicking still loads the layers that work. If none work, the click does nothing.
- If a list fails to load, the list says **Could not load bundles** with the reason. Click **Retry**.
- The sidebar remembers the tab, list, data type, open category and search for the rest of the session.

04 Search everyone's public bundles with Advanced

Filter bundles and workflows by name, username, category and the layers they contain, including public bundles shared by other users.

1. In **Select Data**, on the **Bundle** or **Workflow** tab, click **Advanced**. **Bundle Filter Options** (or **Workflow Filter Options**) opens.
2. Pick a **Filter Type**. **All** searches every user's public items.
3. Fill in at least one more filter, such as **Bundle Name** or a layer under **Layer Filters**.
4. Click **Apply Filters**. The results replace the list until you pick another list.
5. To change the search, click **Advanced** again.

BUNDLE FILTER OPTIONS AND WORKFLOW FILTER OPTIONS

Filter Type	Bundles: **Default**, **All**, **<your username>'s Bundles** and **Favorites** (the last two when signed in). Workflows: **Default**, **My workflows**, **Favorites** (when you have favorites) and **All** (paid plans). Advanced opens on **All**.
Bundle Name / Workflow Name	Part of the name to match.

Username	Only items saved by this user.
Category	Library category to match. Default **Any**.
Subcategory	Subcategory to match. Default **Any**.
Layer Filters	Bundles only. Type in **Filter by variable…** and pick a field to find bundles that contain it. Add several; click × on a chip to remove it.
Reset	Clears every filter, sets the filter type back to its default and runs the search.
Apply Filters	Runs the search and closes the dialog.
Cancel	Closes without changing the search. `Esc` does the same.

With **All**, the dialog shows “When filtering by "All", you must add at least one additional filter.” and **Apply Filters** stays disabled until you do. Private bundles never appear to other users.

05 Favorite, reorder, rename and delete

Star what you use most, drag the library into your own order, rename categories, edit an item’s details, and remove what you don’t need.

Signed in, each row shows its actions on the right. The star is on every bundle and workflow. **Edit** (the pencil) and **Delete** (the trash can) appear only on items you own.

ROW ACTIONS	
Favorite / Unfavorite	Adds or removes the item from your **Favorite** list. Works on default bundles and other users’ public items too.
Edit	Opens **Edit Bundle**, **Edit Workflow** or **Edit Viewpoint** to change the name, category, subcategory and privacy without loading it.
Delete	Asks “Are you sure you want to delete …?” and deletes it for good. `Shift` + click skips the question. Any keyboard shortcut bound to it is removed too.

Right-click	**Set as default start view**, and **Copy bundle link** or **Copy workflow link**. On a private item the link entry reads **Make public to copy share link** and is disabled.

EDIT BUNDLE / EDIT WORKFLOW DIALOG	
Name	Required. Names with profanity are refused.
Category	Required. Pick from the list or type your own.
Subcategory	Required. Pick from the list or type your own.
Private Bundle? / Private Workflow?	On: only you can see and open it. Not shown for viewpoints.
Open this bundle automatically when I sign in	Makes it your start view (workflows and viewpoints have the matching switch). Not shown for meteogram layouts.
Save	Saves the details only. The layers inside are not touched.

1. To reorder, press on a category header, subcategory header or row and drag it up or down. The drag starts after the pointer moves a few pixels.
2. To rename a category or subcategory, double-click its header, type the new name and press `Enter`. `Esc` cancels.

TIPS

- Each list (Default, My, Favorite, team) keeps its own order, saved to your account. Reordering is off while you search and on **Advanced**.
- Until you drag them, rows sort A–Z and subcategories with more items come first.
- Renaming a group renames it on every item you own in that group. Items owned by others keep their category, so you can only rename groups that hold at least one of your own items.

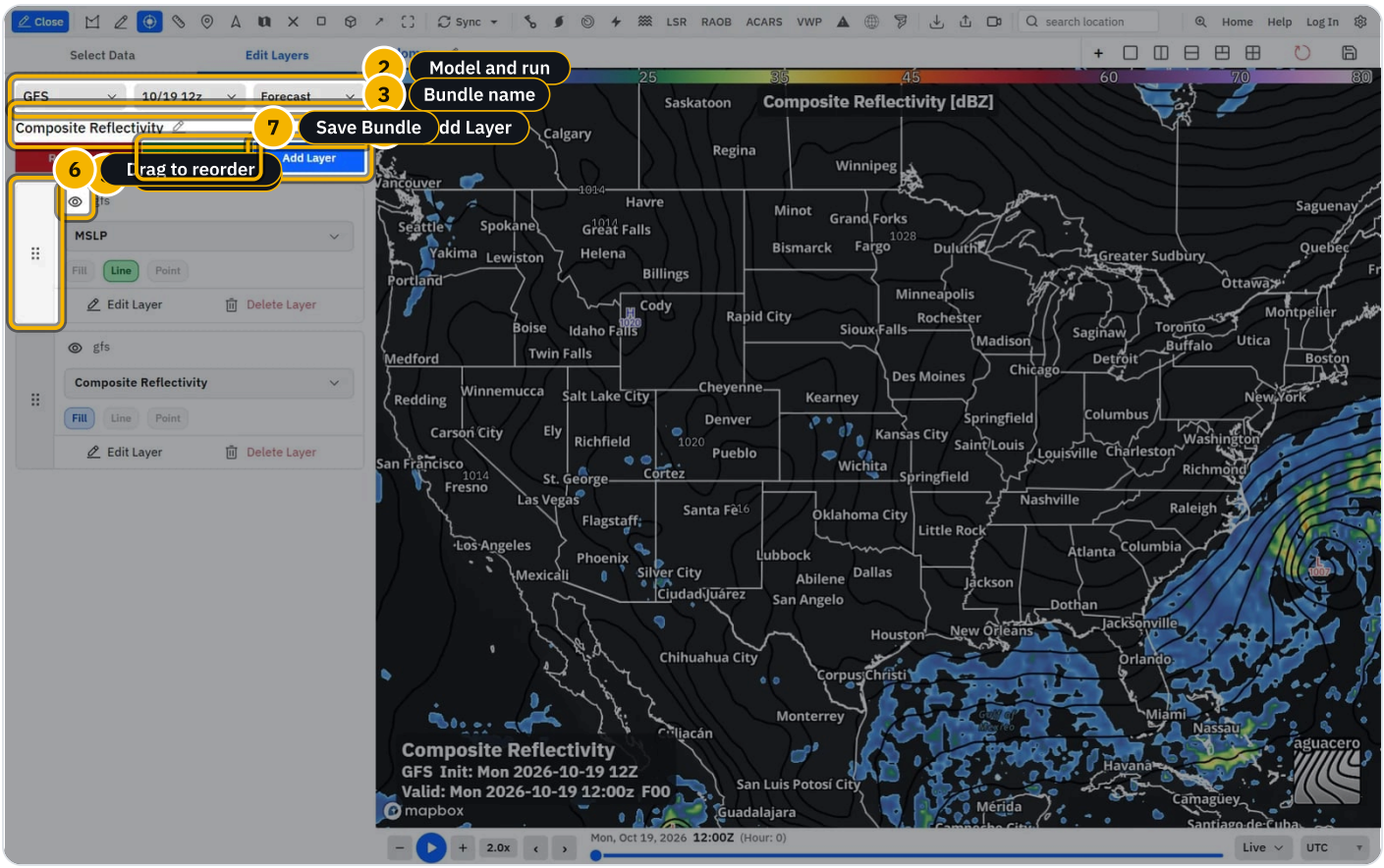
Deleting can’t be undone and there is no recycle bin. Workflows that used the bundle keep their own copy of its layers.

06

Edit the layers on a panel

Edit Layers is the bundle editor: pick the model and run, rename the bundle, and add, hide, reorder, restyle or remove layers.

1. Click the panel you want to change, then click **Edit Layers** in the sidebar.
2. Pick the model and run at the top. Dots next to each model show whether it has all (green), some (yellow) or none (red) of the bundle's layers.
3. Click the pencil next to the bundle name (**Rename Bundle**) to rename it. `Enter` saves, `Esc` cancels.
4. Click **Add Layer** to add a layer.
5. Click the eye on a row to hide the layer without removing it.
6. Drag a row by its handle on the left to change the draw order. Rows higher in the list draw on top.
7. Click **Save Bundle** to keep the result.



Edit Layers: model and run, bundle name, the layer toolbar and a layer row.

TOP OF EDIT LAYERS	
Model	The panel's model. Locked models show an upgrade prompt. Hidden in archive mode.
Run	Date and cycle, e.g. a 12z run. Placeholder **Select run...** until a model is picked.
View Mode	**Forecast**, **Trend** or **Compare**. Shown when the board's time source is the model forecast.
NDFD	Its own issuance menu (**Select NDFD run...**) when the bundle has NDFD layers. It follows the newest issuance until you pick one.
Rename Bundle	Renames the bundle on this panel. Shows **Set Bundle Name** when it has no name. Save the bundle to keep the new name.

LAYER TOOLBAR	
Remove All	Removes every layer, including ASOS, stream gauge and VWP rows. Asks first (**Confirm Removal**); `Shift` + click skips it. Disabled when there is nothing to remove.
Save Bundle	Opens **Bundle Properties** to save. Asks you to sign in when signed out.
Add Layer	Opens the data menu. In archive mode it lists the archive dataset's products plus **Custom Layer** and **Custom Header**.

EACH LAYER ROW	
Drag to reorder layer	The handle on the left. Missing on pinned overlays.
Show layer on map / Hide layer on map	The eye. A hidden layer stays in the bundle and is saved hidden.
Category label	The small heading, such as the model name or Radar. Click it to open the layer's settings.

Field name	Click it to swap the layer for another field or product without losing its place in the list.
Fill, Line, Point, Barb / Vector	Click a badge to turn that drawing style on or off. Only the styles the field supports appear. Turning one on for the first time uses your default colormap for that field.
Edit Layer	Opens the full layer editor. Alerts, lightning, LSRs, SiteWarn, recon, fleet GPS and tropical ensemble rows open their own menus instead. **Back to Bundle Editing** returns here.
Delete Layer	Removes the layer at once, with no confirmation.
In title / Not in title	Broadcast mode with the default banner title (Creator). Keeps a layer on the map but out of the auto title.

TIPS

- Alerts, lightning, LSRs, damage reports, SiteWarn, fleet GPS, tropical ensembles and custom headers are pinned overlays. They sit at the top in a fixed order and have no drag handle.
- A row marked **Not available for this model** has a field the current model doesn't produce. Pick another model or swap the field. Its controls are dimmed.
- Press the left or right bracket key to step to the previous or next model run.
- Changing the model or run applies to the active panel only, unless **Sync Models** or **Sync Runs** is on.

SHORTCUTS

`Shift` + click	Remove All without the confirmation
`Enter` / `Esc`	Save or cancel a bundle rename

07 Add and swap layers

Use the Add Layer menu to put any model field, radar product, satellite image or analysis on the panel, or search across all of them by name.

1. In **Edit Layers**, click **Add Layer**.

2. Hover a source, then a category, and click a field. Or type in **Search variables...** to search every source at once.
3. Click the info icon next to a field to read what it shows.
4. To replace a layer instead of adding one, click the field name on its row and pick the new field.

ADD LAYER SOURCES	
Model	Fields from the panel's model.
Radar	NEXRAD products for the current site, grouped by product family.
Satellite	Bands and RGB products. **Custom Recipe** builds your own satellite blend (Professional).
MRMS, Mesoscale Analysis, NDFD, RTMA, Stage IV, SSTs	Gridded analyses and observations. A source is listed only when its data is available.
NOAA, NADOCAST	Open their own pickers for SPC, WPC, NHC, CPC and other outlooks, and for Nadocast probabilities.
Custom Layer	Upload GeoJSON, shapefiles and other overlays. Professional; others see an upgrade prompt.
Custom Header	A broadcast-style header on the panel. Shown when signed in; needs Creator. Unavailable in Broadcast mode.

A bundle holds up to 8 data layers (model, radar, satellite, MRMS, RTMA, NDFD, SST, Stage IV and Mesoscale Analysis). Adding a ninth shows "Maximum of 8 data layers reached. Remove a layer to add this one." Custom layers, custom headers, outlooks, alerts and other overlays don't count.

TIPS

- Fields already in the bundle are hidden from the menu, so you can't add the same one twice.
- A lock next to a field means your plan doesn't include it. Clicking it opens the upgrade dialog.
- If nothing matches your search, the menu says **No variables found matching** your text.

08 Save, update or copy a bundle

Every option in the Bundle Properties dialog: naming, privacy, what to include, pins, and how updating differs from saving a copy.

1. Set up the panel the way you want it, then click **Save Bundle** in **Edit Layers**. Sign in if asked.
2. In **Bundle Properties**, fill in **Name**, **Category** and **Subcategory**.
3. Choose the switches you want (see below).
4. To update a bundle you saved earlier, load it, make your changes and turn on **Overwrite existing bundle?**. Leave it off to save a new copy.
5. Click **Upload Bundle** (or **Update Bundle** when overwriting). The dialog shows “Bundle uploaded successfully!” and closes.

BUNDLE PROPERTIES	
Name	Required. Shown in the library and on the toolbar’s **Edit** button. Profanity is refused.
Category	Required. The top-level group in your library, such as Severe or Winter. Pick from the list or type your own.
Subcategory	Required. The group inside the category.
Private Bundle?	Off by default for a new bundle. On: only you can find or open it. Off: any signed-in user can open it from a link or find it with **Advanced** → **All**.
Overwrite existing bundle?	Shown only when the panel holds a bundle you own. On: saves over it and doesn’t use a new save slot. Off (default): saves a new bundle.
Open this bundle automatically when I sign in	Makes this bundle your start view. Already on when it is your start view.
Include map (basemap, customizations, custom Mapbox style)	Saves the current map style. Loading the bundle then switches the map to it. Off: loading the bundle leaves the map as it is. The map style is app-wide, so every panel changes.

Save current map viewpoint	Saves the center, zoom, tilt and rotation. The map flies there when the bundle loads. With **Sync Maps** on it saves the board view; off, the panel's view.
Save alerts to bundle	Saves your NWS alert customization (which alerts show, colors, sounds and so on) and restores it on load.
Save name markers to bundle	Saves your name markers, their appearance and whether they are on.
Save layout to bundle	Saves the board's on-map layout (legend, title, watermark and other Layout tab settings) and restores it on load.
Always open to saved model	Pins the panel's current model. Off (default): the bundle opens on whatever model the panel shows.
Always open to saved NEXRAD site(s)	Shown when the bundle has a NEXRAD layer. Pins the current site, or all sites with multi-site. Off: the bundle opens on your last-used site.
Save to ... tab	Team library accounts only. Saves to the team tab. Team saves don't count toward your limit.
Copy share link	Appears once the bundle is saved and **Private Bundle?** is off. Copies a link anyone signed in can open.

The include switches start off for a new bundle. When you reopen the dialog on a saved bundle, they show what that bundle saved, so an update keeps the same extras unless you change them.

BUTTONS AND MESSAGES	
Upload Bundle / Update Bundle	Disabled until Name, Category and Subcategory are filled in ("Please fill out all fields"), or when you are at your plan's limit and not overwriting.
Uploading... / Uploaded ✓	Progress, then success. The dialog closes after a moment.
Retry Upload	Shown after an error such as "Failed to upload bundle: ...".

Bundles left	Free shows “You have N bundle(s) left on your free plan.” At the limit Free and Enthusiast show an **upgrade now** link instead.

TIPS

- Saving a default bundle always makes your own copy. The built-in one never changes.
- Overwrite is the way to fix a bundle without using another save slot. The quota note says “Updating your own bundle with overwrite enabled does not use a new save slot.”
- To change only the name, category or privacy, use the pencil on the row in the library instead. It doesn’t touch the layers.

Free saves up to 10 bundles, Enthusiast 20, and Professional, Creator and Commercial unlimited. Sign-in is required.

09 Split a board into panels

Put two to many maps side by side on one board, each with its own bundle, sharing time and (with Sync) pan, zoom and more.

1. Click a layout icon to the right of the board tabs.
2. Click a panel to make it active. The sidebar, **Save Bundle** and the time bar work on the active panel.
3. Load a bundle from **Select Data** or build one in **Edit Layers**. It goes on the active panel.
4. Hover a panel to show its controls at the lower right: drag the grip (**Move panel**) to move it, drag a corner to resize it, or click **Remove panel**.
5. If moving or resizing leaves an empty space, hover it and click **Add New Panel**.

LAYOUT ICONS

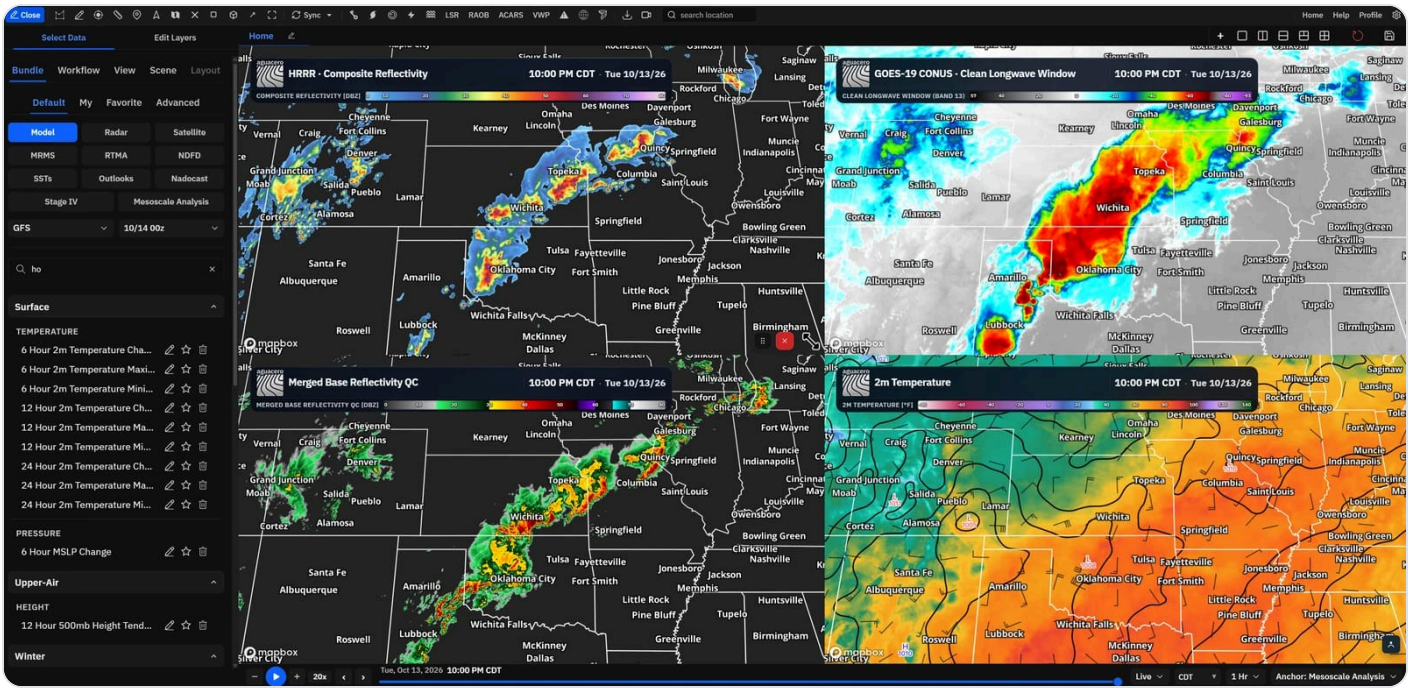
Single panel view	One map. Every plan.
Split into two vertical panels	Two maps side by side. Enthusiast and up.
Split into two horizontal panels	Two maps stacked. Enthusiast and up.

Two top panels, one bottom panel	Three maps. Professional and up.
Four panel grid	Four maps. Professional and up.

TIPS

- Switching layouts keeps the panels you have, active panel first. A new panel starts on GFS and its latest run, or on the active panel's model and run when **Sync Models** is on. **Sync Runs** copies that cycle when the new panel's model has it, and **Sync Model Layers** copies model layers that model can draw. Going to fewer panels removes the extras.
- **Remove panel** is disabled when only one panel is left.
- Panels snap to a 12 × 12 grid on the board.

Free has 1 panel, Enthusiast 2, and Professional and up as many as fit. A layout or **Add New Panel** beyond your plan opens the upgrade dialog.

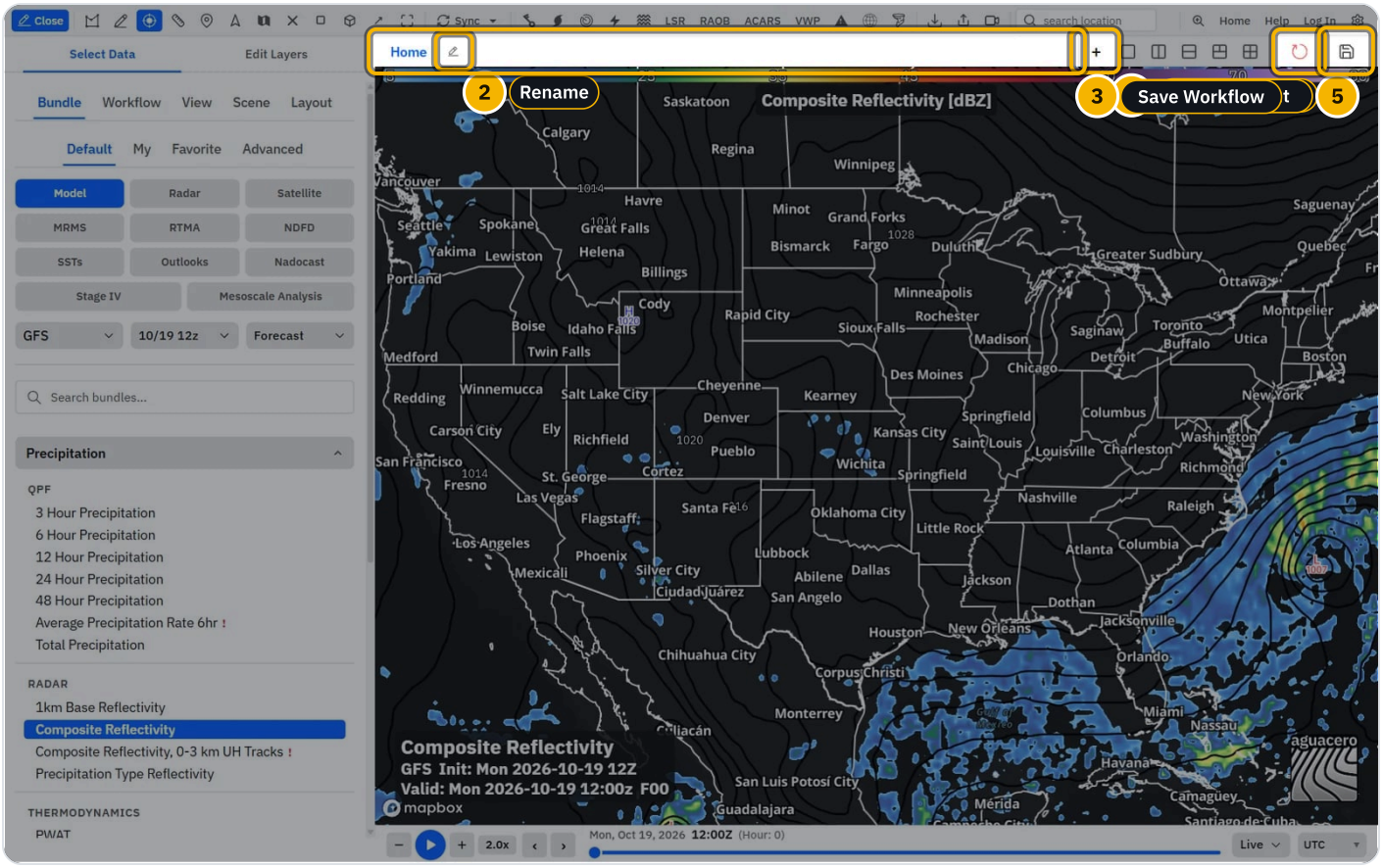


Four synced panels: HRRR reflectivity, GOES clean longwave infrared, merged reflectivity and 2 m temperature.

10 Use boards as tabs PROFESSIONAL

Boards are tabs of separate workspaces, each with its own panels, bundles, view and time source. Keep one per part of the job.

1. Click **+** (**Add new board**) to the right of the tabs. The new board is called **New Board**, starts with one empty panel, and copies the current board's map view and sync choices.
2. Click the pencil on the active tab, type a name, and press `Enter`. `Esc` cancels.
3. With two or more boards, drag a tab left or right to reorder it.
4. Click the trash icon on a tab and confirm **Delete Board** to remove it. The last board can't be deleted.
5. Click the circular arrow (**Reset layout**) to remove every board, panel and bundle and start over from the defaults. `Shift` + click skips the warning.



The board bar: tabs, Add new board, panel layouts, Reset layout and Save Workflow.

TIPS

- Scroll the mouse wheel over the tabs to slide through many boards.
- Save the boards as a workflow (the save icon) to keep them. Without a workflow, boards last until you reload or reset.

Extra boards need Professional. On other plans **+** opens **Unlock Multiple Boards**. **Delete Board** and **Reset layout** can't be undone.

11 Sync panels

Choose what stays the same across the panels on a board: the map view, model, run, layers, radar site and tilt, and overlays.

1. Click **Sync** on the toolbar.
2. Click an item to turn it on or off. A check mark shows what is on.
3. Click outside the menu to close it.
4. For the two extra choices (**Sync SSTs** and **Sync NDFD**) and a description of each, open **Settings** → **Sync**.

SYNC OPTIONS (DEFAULTS FOR A NEW ACCOUNT)	
Sync Maps	On. Keeps pan and zoom aligned across all panels. Turning it off leaves each panel at the board's current view, then lets them move on their own.
Sync Models	Off. Uses the same model on every panel. Turning it on switches the other panels to the active panel's model and removes their model layers that model doesn't have.
Sync Runs	Off. Uses the same model run on every panel, where the other panel's model has that run.
Sync Model Layers	Off. Adds or removes model layers together. Turning it on replaces the model layers on the other panels with copies of the active panel's.

Sync Satellite	Off. Keeps satellite layer choices aligned.
Sync MRMS	Off. Keeps MRMS layer choices aligned.
Sync RTMA	Off. Keeps RTMA, Mesoscale Analysis and Stage IV layer choices aligned.
Sync SSTs	Off. Settings → Sync only. Keeps SST layer choices aligned.
Sync NDFD	Off. Settings → Sync only. Keeps NDFD layer choices aligned.
Sync Radar Site Tags	Off. Keeps radar site label and tag settings aligned.
Sync Radar Sites	On. Changing the radar site on one panel changes it on the others.
Sync Radar Tilts	On. Uses the same radar tilt on every panel.
Sync Radar Layers	Off. Adds or removes NEXRAD layers together.
Sync Alerts	On. Turns alerts on or off together.
Sync ASOS	Off. Keeps surface observation settings aligned.
Sync Lightning	On. Keeps lightning settings aligned.
Sync LSRs	On. Keeps local storm report settings aligned.

TIPS

- Sync choices apply to every board and save to your account. A workflow saved with **Save sync settings to this workflow** brings its own choices; other workflows use your account's.
- Layer syncs also work when you load a bundle: loading one on the active panel copies its layers of each synced kind to the other panels. Model layers are copied only to panels whose model has that field.
- All panels on a board share one time bar.
- To show different products from the same radar, keep **Sync Radar Sites** on and **Sync Radar Layers** off.
- With **Sync Maps** on, a place picked in the location search moves every panel.

12 Save and load workflows ENTHUSIAST

A workflow saves every board, panel and bundle, plus optional map style, views, alerts, markers, layout and sync choices, and restores them all in one click.

1. Set up your boards and panels with the bundles you want.
2. Click the save icon (**Save Workflow**) at the right end of the board bar.
3. Fill in **Name**, **Category** and **Subcategory** (all required).
4. Choose the switches you want (see below).
5. Click **Save Workflow**. The dialog shows “Workflow saved successfully!” and closes.
6. To load it, open **Select Data** → **Workflow** → **My** and click it. It replaces all your boards.
7. To update it later, load it, change it, click the save icon, turn on **Overwrite existing workflow?** and click **Update Workflow**.

SAVE WORKFLOW DIALOG	
Name	Required (“Name is required”). Profanity is refused.
Category	Required. Pick from the list or type your own.
Subcategory	Required.
Private Workflow?	Off by default. On: only you can find or open it.
Open this workflow automatically when I sign in	Makes it your start view. If you also save viewpoints, the start view’s separate map view is cleared so the workflow’s own views win.
Include map (basemap, customizations, custom Mapbox style) in this workflow	Saves the map style. Off: the workflow loads with the map you already have, unless the active panel’s bundle saved one.
Save current map viewpoint(s) with this workflow	Saves the view of every board and every panel.

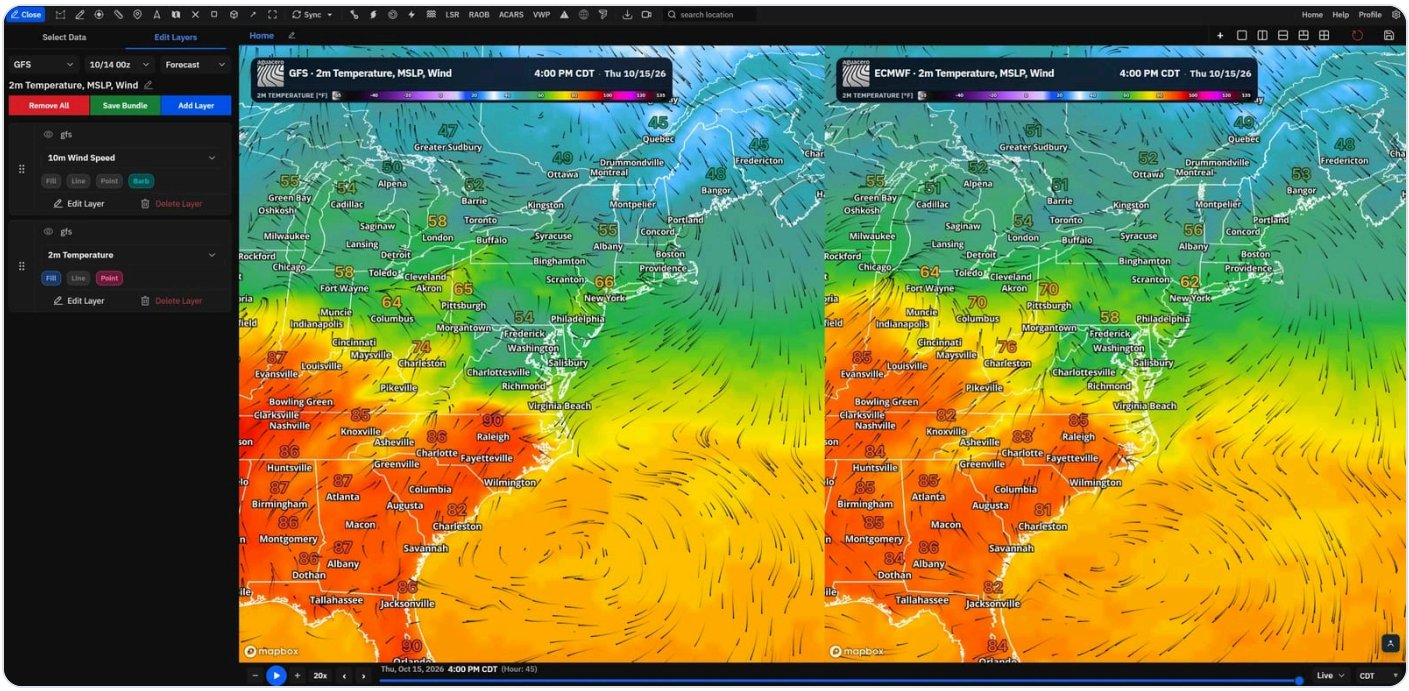
Save alerts to this workflow	Saves your NWS alert customization.
Save name markers to this workflow	Saves your name markers and their look.
Save layout to this workflow	Saves the active board's on-map layout.
Save sync settings to this workflow	Saves the Sync choices. Off: your account's sync choices apply when it loads.
Overwrite existing workflow?	Shown when the loaded workflow is yours. On: saves over it (**Update Workflow**). Off: saves a new workflow.
Save to ... tab	Team library accounts only. Team saves don't count toward your limit.
Copy share link	Appears once the workflow is saved and not private.

Always saved: every board (name and order), every panel's position and size, the full bundle on each panel, the active board and panel, each board's time source, loop lengths and playback speed. Never saved: your account settings (units, time zone, mouse readouts, toolbar), drawings, PGEN products and open tools such as cross sections or the ruler.

TIPS

- A workflow keeps its own copy of each bundle. Changing or deleting a saved bundle later doesn't change workflows that used it.
- When a workflow loads on a lower plan, loop lengths are cut to what the plan allows and Professional-only custom layers and map styles are left out.
- The dialog title reads **Update Workflow** whenever a saved workflow is loaded. Without **Overwrite existing workflow?** it still saves a new one.
- In archive mode the save icon saves an archive **event** instead (**Save Event**). Events are always private; Free keeps 1, Enthusiast 5.

Free has no saved workflows. Enthusiast saves up to 2; at the limit **Save Workflow** opens **Unlimited workflows with Professional** unless you overwrite your own. Professional and up save unlimited workflows. Extra boards need Professional.



A two-panel workflow: GFS and ECMWF 2 m temperature, pressure and wind side by side.

13 Share bundles and workflows

Copy a link that opens your bundle or workflow for anyone signed in, in the browser or the desktop app.

1. Make sure the item isn't private: turn off **Private Bundle?** or **Private Workflow?** when you save, or with the pencil in the library.
2. Right-click the bundle or workflow in **Select Data** and click **Copy bundle link** or **Copy workflow link**. It changes to **Copied link**.
3. Or click **Copy share link** in the save dialog after saving.
4. Paste the link into an email, chat or post.

The link opens the AguaceroWx home page with **Open shared bundle** (or **Open shared workflow**). The person clicks **Open in desktop app** or **Continue in browser**. If they aren't signed in, the app sends them to sign in first, then loads the item on their active panel (a workflow replaces their boards). Inside the desktop app the link opens straight away.

WHAT THE OTHER PERSON SEES	
This bundle is not available. It may be private, was deleted, or you do not have access.	The item is private, was deleted, or the link is wrong. Workflows show the same message.
Unlock Workflows with a Pro Plan	Workflow links need a plan with workflows. Free users see this upgrade dialog.
If the app didn't open, make sure it's installed — or continue in your browser below.	Shown after **Open in desktop app** in case the desktop app isn't installed.

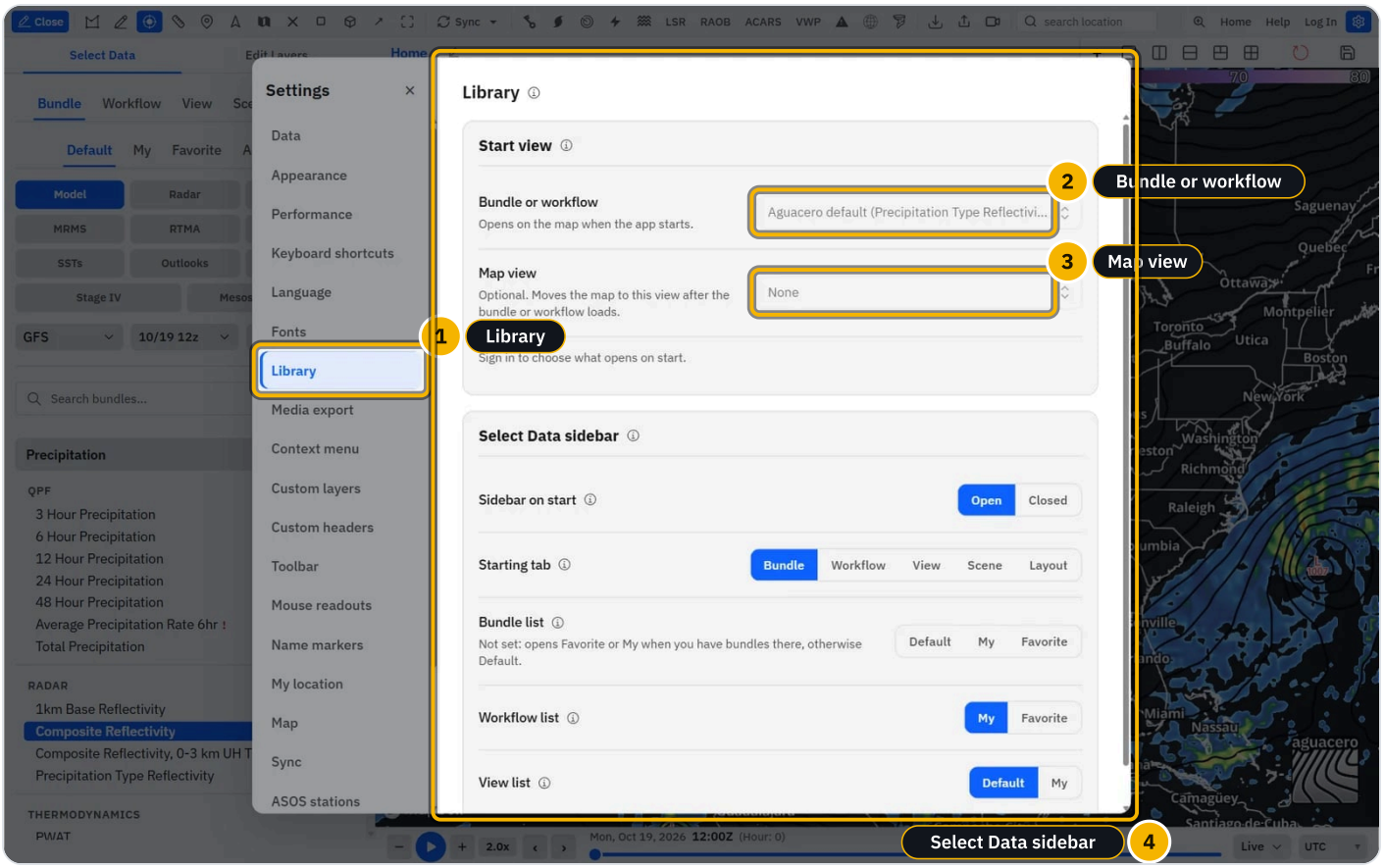
TIPS

- The person gets your bundle as it is saved now. To give them changes, save over the same bundle; the link stays the same.
- Premium content follows their plan: a premium model falls back to a model their plan has, and Professional-only custom layers show "Upgrade to a Professional subscription to restore your custom layers and custom map styles."
- Any signed-in user can also find public bundles with **Advanced** → **All**.
- Map styles have share links too, from the Map style window.

14 Choose what opens when the app starts

Pick the bundle or workflow and map view that load each time you open AguaceroWx, and which Select Data tab and list open first.

1. Click **Settings** on the toolbar, then **Library**.
2. Under **Start view**, pick a **Bundle or workflow**. Type to search; each entry shows its category and subcategory.
3. Optionally pick a **Map view** to fly to after it loads.
4. Under **Select Data sidebar**, choose **Sidebar on start**, **Starting tab** and the list each tab opens on.
5. Click **Reset** next to **Start view** to go back to the Aguacero default.



Settings → Library: start view and Select Data sidebar defaults.

START VIEW	
Bundle or workflow	Opens on the map when the app starts. Default **Aguacero default** (the built-in starting bundle). Lists your favorite, own, team and default bundles, then your workflows. Workflows are greyed out on Free.
Map view	Optional. Moves the map to this view after the bundle or workflow loads. Default **None**. Lists favorite, own and default views.
Reset	Clears both choices. Shown when a start view is set.

SELECT DATA SIDEBAR	
Sidebar on start	**Open** (default) shows Select Data when the app loads. **Closed** keeps the sidebar hidden until you open it.

Starting tab	**Bundle** (default), **Workflow**, **View**, **Scene** or **Layout**. Workflow is disabled on Free; Scene needs Creator.
Bundle list	**Default**, **My** or **Favorite** when the Bundle tab opens. Until you pick one, it opens on the list that holds your start bundle, or Favorite if you have favorites, then My, then Default.
Workflow list	**My** (default) or **Favorite** when the Workflow tab opens. Disabled on Free.
View list	**Default** (default) or **My** when the View tab opens.

TIPS

- Faster: right-click any bundle, workflow or view in **Select Data** and click **Set as default start view**. Picking a view keeps your start bundle and adds the view to it.
- The save and edit dialogs have **Open this bundle automatically when I sign in** (and the workflow and viewpoint versions) too.
- The sidebar choices apply the next time you open Select Data in a new session.
- A shared link always wins over your start view for that visit.
- The mobile app can keep its own start view. If it does, this page says so; turn on **Same as web and desktop** in the app under **Settings** → **Library** to share one.
- If the saved item was deleted or made private, the page shows “Can’t find a saved item. It may have been deleted or made private.” Pick another or click **Reset**.

Sign in to choose a start view; signed out, the pickers are disabled and the app opens the Aguacero default.

15 Load and save with keyboard shortcuts

Bind a key to any of your bundles or workflows, and to library, sidebar and board actions.

1. Click **Settings** on the toolbar, then **Keyboard shortcuts**.
2. Open the **Bundles** or **Workflows** tab to see your library. Search with **Search bundles...** or **Search workflows...**.

3. Click **Change** next to an item and press the key or combination. Use up to 2 modifiers plus one key.
4. Press that key anywhere in the app to load the item on the active panel.

USEFUL ACTIONS TO BIND (NO KEY BY DEFAULT)	
Toggle bundle sidebar	`F1` by default.
Open Select Data / Open Edit Layers	Open the sidebar on that tab.
Toggle Select Data / Edit Layers	Switch between the two, opening the sidebar if closed.
Open Bundle library / Open Workflow library	Also View, Scene and Layout.
Library source: Default / My / Favorite / Advanced	Switch the list.
Data type: All / Model / Radar / Satellite / MRMS / RTMA / NDFD / SSTs / Outlooks	Switch the data type filter.
Save bundle / Save workflow	Open the save dialogs.
Remove all layers	Remove All on the active panel. Hold `Shift` with the shortcut to skip the confirmation.
Reset workflow	Reset layout. Hold `Shift` to skip the confirmation.
Add workflow tab / Next workflow tab / Previous workflow tab	Add or switch boards.
Single / Dual / Triple / Quad panel layout	Switch the active board's panel layout.

TIPS

- In archive mode, a shortcut for a live bundle or workflow asks **Leave archive mode?** first.
- Deleting a bundle or workflow removes its shortcut.

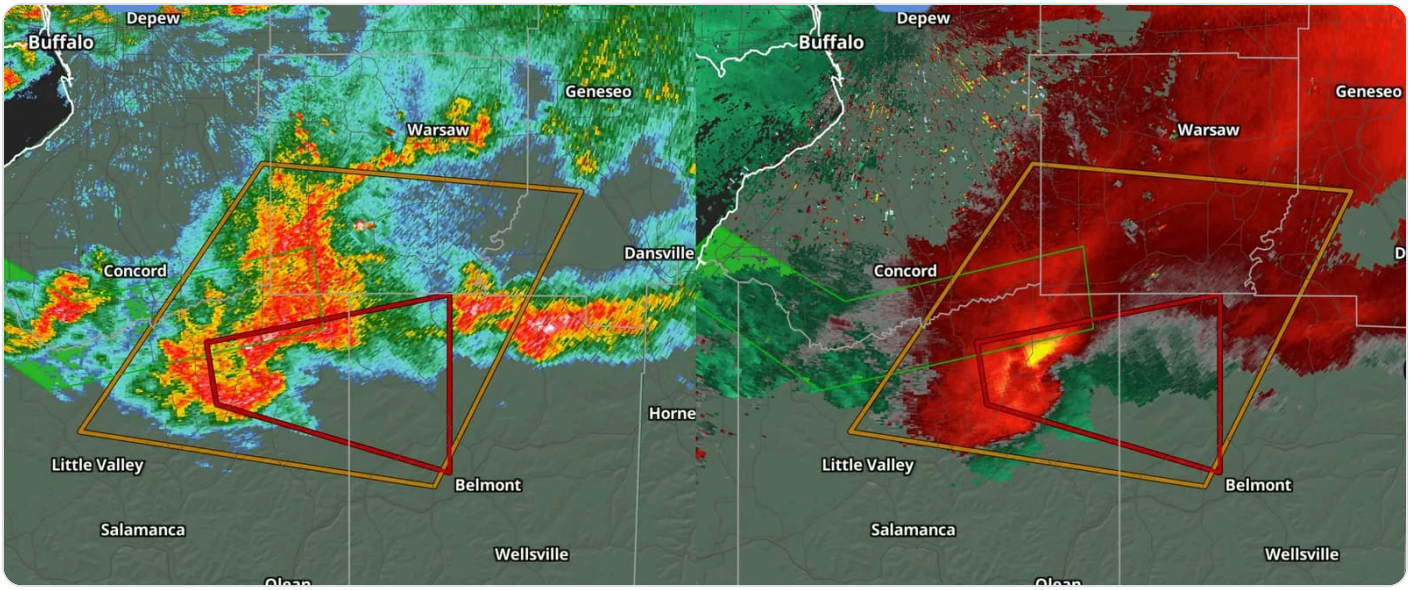
16 Recipe: a four-panel severe-weather workflow PROFESSIONAL

Reflectivity, storm-relative velocity, instability and infrared satellite on one board, moving together, saved as a workflow that opens every time you sign in.

1. Click **Four panel grid** next to the board tabs.
2. Open **Sync** on the toolbar. Check that **Sync Maps**, **Sync Radar Sites** and **Sync Radar Tilts** are on, and that **Sync Model Layers** and **Sync Radar Layers** are off so each panel keeps its own layers.
3. Click the top-left panel, open **Edit Layers**, click **Remove All**, then **Add Layer** → **Radar** and pick a reflectivity product.
4. Click the top-right panel: **Remove All**, then **Add Layer** → **Radar** → **Storm Relative Velocity**.
5. Click the bottom-left panel: **Remove All**, then **Add Layer** → **Mesoscale Analysis** and pick a CAPE field (or type CAPE in **Search variables...**).
6. Click the bottom-right panel: **Remove All**, then **Add Layer** → **Satellite** and pick an infrared band such as Clean Longwave Window (Band 13).
7. Search for your area in the location box. All four maps move together. Pick the radar site on one radar panel; the other follows.
8. Optional: save each panel as its own bundle (**Save Bundle**, category Severe) so you can reuse it in other workflows.
9. Click the save icon (**Save Workflow**). Name it, for example Severe ops, with category Severe. Turn on **Save current map viewpoint(s) with this workflow**, **Save sync settings to this workflow** and **Open this workflow automatically when I sign in**. Click **Save Workflow**.

TIPS

- With radar, satellite and analysis layers on one board, the time bar shows an anchor menu. Pick which data the slider steps through.
- Click **+** to add a second board for the environment, such as model CAPE and shear, and save both boards in the same workflow.
- Turn on **Always open to saved NEXRAD site(s)** when you save the radar bundles if you always watch the same site.



Reflectivity and velocity side by side with warning polygons.

17 Recipe: compare two models side by side ENTHUSIAST

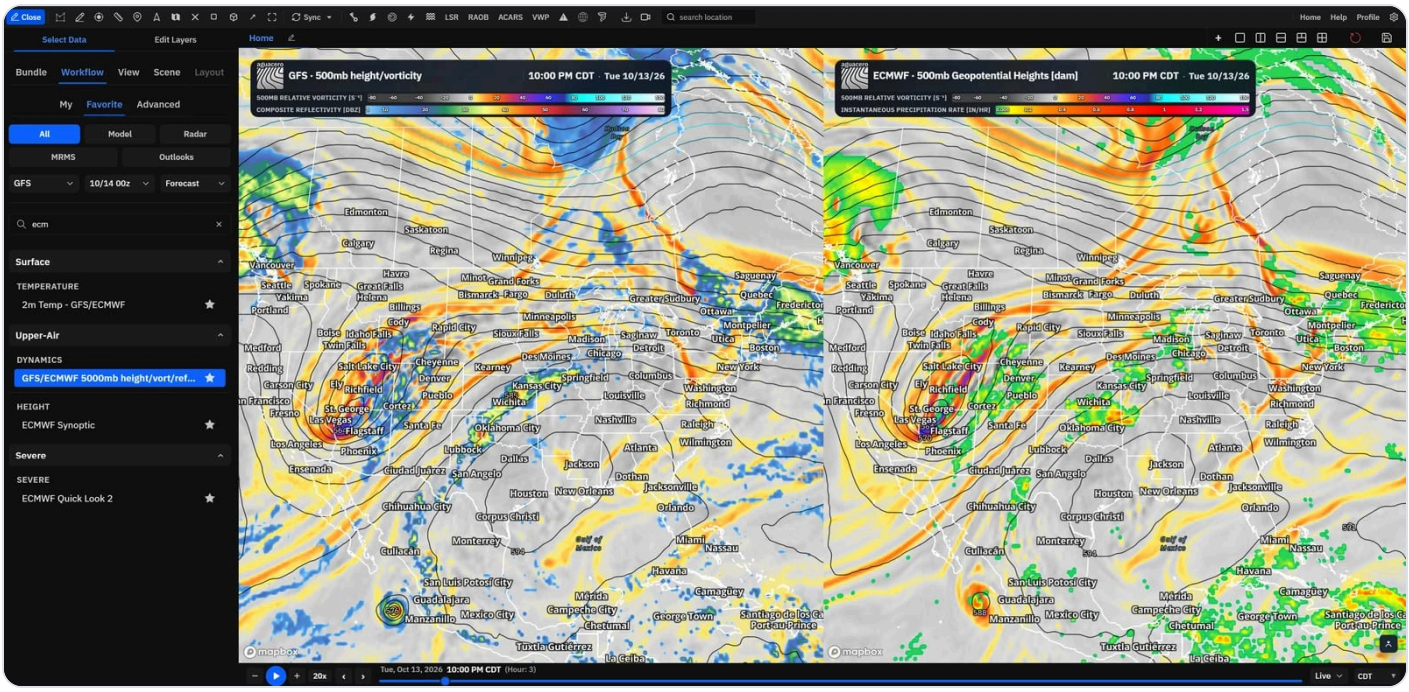
GFS and ECMWF on two synced panels, where adding a field to one adds it to both.

1. Click **Split into two vertical panels**.
2. Click the left panel. In **Edit Layers**, pick **GFS** in the model menu and the latest run.
3. Open **Sync** and turn on **Sync Model Layers** and **Sync Runs**. Leave **Sync Models** off so each panel keeps its own model.
4. Click the right panel and pick **ECMWF** in the model menu.
5. Click either panel, click **Add Layer**, and type a field such as 500 mb height in **Search variables...**. It appears on both panels.
6. Scrub the time bar to step both panels through the forecast together.

7 Click the save icon and save it as a workflow (Enthusiast keeps 2, Professional unlimited).

TIPS

- A field the other model doesn't have isn't copied to its panel. Add a similar field there by hand.
- For more than two models at once, the **View Mode** menu in Edit Layers has **Compare**.



GFS and ECMWF 500 mb height and vorticity side by side.

18 Where your setup is saved

What lives in your account, what is stored inside a bundle or workflow, and what disappears on reload.

SETTINGS

Your account	Saved bundles, workflows and views; favorites; library order and renames; Sync choices; start view and Select Data defaults; keyboard shortcuts. Available on every device where you sign in.
Inside a bundle	One panel's layers and styles, plus whatever you switched on when saving (map, viewpoint, alerts, name markers, layout, model and site pins).

Inside a workflow	Every board and panel with full copies of their bundles, plus the extras you switched on when saving.
This session only	The boards and panels on screen and their layers, until you save them. Reloading the page opens your start view again.

TIPS

- Map style, alert, name marker and Sync settings are account-wide. A bundle or workflow only carries them when you switch them on while saving.

19 Common questions

Quick answers to the questions people ask most about bundles, workflows and the library.

Why can’t I save another bundle?

You are at your plan’s limit: 10 bundles on Free, 20 on Enthusiast, unlimited on Professional and up. **Upload Bundle** is disabled and the dialog shows an **upgrade now** link. To change a bundle without a new slot, load it and turn on **Overwrite existing bundle?**, or delete bundles you no longer need.

Why is the Workflow tab locked, or why does the save icon open an upgrade dialog?

Free has no saved workflows. Enthusiast saves up to 2; at the limit the save icon opens **Unlimited workflows with Professional** unless you are overwriting your own loaded workflow. Adding boards with **+** needs Professional.

Some of my bundles disappeared from My after my plan changed.

They are still saved. **My** lists up to 10 bundles on Free and 20 on Enthusiast (and 2 workflows on Enthusiast). Bundles you starred still show under **Favorite**, and **Advanced** with your own bundles as the filter type finds the rest. Upgrading lists them all again.

Why does my bundle look different on another device or for someone else?

Several things come from the viewer, not the bundle: a bundle opens on the panel's current model unless **Always open to saved model** is on; radar opens on the viewer's last-used site unless **Always open to saved NEXRAD site(s)** is on; the map style and viewpoint come along only if you switched them on when saving; units follow **Settings** → **Data**; and the viewer's plan can swap a premium model or lock custom layers. Default bundles also take the viewer's own default colormaps, while your saved bundles keep theirs unless **Apply customizations to** is set to all layers.

I deleted a bundle and it came back.

If the delete request fails (for example offline), the row returns because the bundle still exists. Try again. Deleting also doesn't clear the panel: the layers stay on screen, and **Save Bundle** saves them again. Workflows keep their own copy of a bundle, so loading one shows its layers even after the bundle is deleted.

Why is a bundle marked with a red "!", or why does clicking it do nothing?

Some of its layers aren't available for the active model, the selected satellite or the archive date. It still loads the layers that work. If none of them work, the click does nothing. Change the model (green dots in the model menu mean all layers are available) and try again.

Why can't I add another layer?

A bundle holds up to 8 data layers. Remove one first. Custom layers, custom headers, outlooks and overlays such as alerts and lightning don't count. Items already in the bundle are hidden from the Add Layer menu.

Why are Edit and Delete missing on a bundle?

They appear only on items you own, and only when you are signed in. Default bundles and other users' bundles show only the star. Load one and save it to make your own copy.

My share link says the bundle is not available.

The bundle is private, was deleted, or the link was cut off. Turn off **Private Bundle?** with the pencil in the library and copy the link again. The person must be signed in; workflow links also need a plan with workflows.

I turned off “Open this bundle automatically when I sign in” but it still opens.

Turning that switch off in a save or edit dialog doesn’t clear your start view. Open **Settings** → **Library** and click **Reset**, or pick another bundle or workflow.

My radar bundle opened on a different site and didn’t go to the saved view.

Without a pinned site, radar bundles open on your last-used site and skip the saved viewpoint so the map stays on that site. Save the bundle again with **Always open to saved NEXRAD site(s)** on.

I reloaded the page and my layers and boards are gone.

Boards, panels and layers on screen aren’t saved until you save a bundle or workflow. A reload opens your start view. Save your setup as a workflow and set it as your start view to get it back every time.

Why did turning on Sync Models or Sync Model Layers change my other panels?

Sync Models moves every panel to the active panel’s model and removes model layers that model doesn’t have. **Sync Model Layers** replaces the model layers on the other panels with the active panel’s. Turn them off before building panels with different fields.

Can I undo Reset layout, Delete Board or deleting a bundle?

No. Each one is permanent. Save a workflow first if you might want the layout back.

Who can see my bundles?

Private bundles and workflows are visible only to you. Public ones can be opened by any signed-in user with the link, found with **Advanced** → **All**, and starred into their Favorite list. Other users can’t change them; saving one makes their own copy.