AGUACEROWX IN-DEPTH GUIDE

Name markers

Name markers put your own labeled places on the map: your town, client sites, schools, chase targets or broadcast cities. Each marker gets a name and an icon, and can show a live data value from any layer right above its name. You can import hundreds of places from a file, style them like on-air graphics, and save sets of markers as presets, bundles or workflows.

01 Quick start: add your first marker
02 Open the manager and turn markers on or off
03 Add a marker by address or coordinates
04 Edit, hide, delete and fly to markers
05 Choose an icon
06 Import a list of places
07 Export and share your list
08 Style the names
09 Put a box behind the names
10 Add a drop shadow
11 Style the dot and icons
12 Show names only when you point at a marker
13 Show live data values at your markers
14 How markers share the map with city labels
15 Save marker presets on the Bundles tab
16 Save markers with a bundle or workflow
17 Where markers and settings are saved
18 Recipe: client sites with live temperature readouts
19 Recipe: a chase-target map
20 Common questions

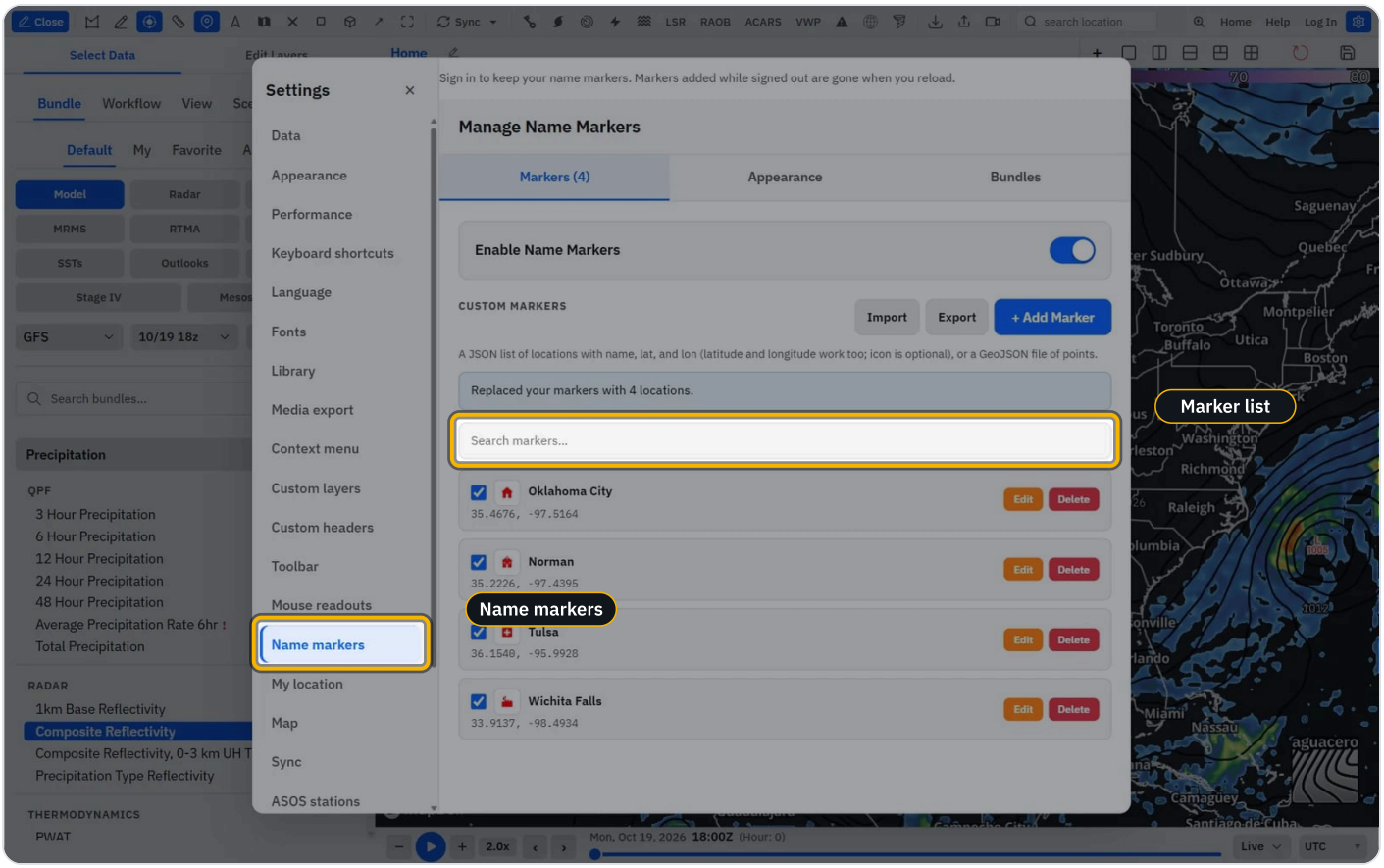
BEFORE YOU START

- **Name markers** is the pin button on the desktop toolbar, right after **Ruler**. A single click opens **Manage Name Markers**. A double-click shows or hides all your markers. On a phone, open the menu and tap **Manage Markers**. The same panel is also in **Settings** → **Name markers**.
- Name markers work on every plan. You need to be signed in: the toolbar button asks you to sign in first, and your markers, their look and your presets save to your account.
- There is one marker list. It shows on every map panel and every board, and it follows you to other devices.
- Every change saves as you make it. There is no Save button in the window.

01 Quick start: add your first marker

Go from nothing to a labeled marker on the map in about a minute.

1. Sign in. Then single-click **Name markers** on the toolbar. **Manage Name Markers** opens on the **Markers** tab.
2. Turn on **Enable Name Markers** at the top. The **+ Add Marker** button appears.
3. Click **+ Add Marker**.
4. In **Location**, type an address or place, such as Norman, OK, and pick it from the list. Or type coordinates, such as 35.2226, -97.4395.
5. Check **Name**. If it was empty, picking an address fills in the first part of that address. Type your own name if you want.
6. Under **Icon for this marker**, pick an icon, or leave **Dot**.
7. Click **Add Marker**. The marker appears on every map panel, and its row appears in the list below.
8. Click the marker’s row in the list to fly the active panel to it.



Manage Name Markers (here in Settings → Name markers) with four imported markers. Click a row to fly to that marker.

TIPS

- To add many places at once, use **Import** instead. See “Import a list of places” below.
- Your markers draw on top of the map’s own city labels, and nearby city labels step aside so the two never overlap.

02 Open the manager and turn markers on or off

Where to find Manage Name Markers on desktop and phone, and the ways to show or hide every marker at once.

The **Name markers** toolbar button does two jobs. A single click opens **Manage Name Markers**. A double-click turns all markers on or off without opening anything. The button is highlighted while markers are on.

TIPS

- Desktop: single-click **Name markers** on the toolbar. If you are not signed in, it opens **Sign in to add map markers** instead. A double-click shows or hides all markers, signed in or not.
- Phone: open the menu and tap **Manage Markers**. The panel opens as a sheet from the bottom. Tap the arrow in its header to expand it to nearly full height.
- Anywhere: **Settings** → **Name markers** holds the same panel. Use it when you have hidden the toolbar button. Sign in first: markers added while signed out are gone when you reload.
- On desktop, drag the window by its header to move it.

TOP OF THE MARKERS TAB

Enable Name Markers	Shows or hides every marker on every panel. Same as double-clicking the toolbar button. Off for new accounts. While it is off, the list and the **+ Add Marker** button are hidden and the panel says **Name Markers are currently disabled**. **Import** and **Export** still work, and an import that adds markers turns this on.
Mount in map UI	The button in the window's header. Docks **Manage Name Markers** into the side of the map instead of floating over it.

The tab name counts your markers, for example **Markers (12)**. Unchecked markers count too. To hide only some markers, leave **Enable Name Markers** on and uncheck them in the list.

TIPS

- Bind keys in **Settings** → **Keyboard shortcuts**. **Toggle name markers** (under **Map & tools**) shows or hides all markers. **Name markers settings** (under **Toolbar modals**, desktop only) opens this panel. Both start unbound.

03 Add a marker by address or coordinates

The add form takes a place name, a street address or plain latitude and longitude, and lets you pick the icon before you save.

1. On the **Markers** tab, click **+ Add Marker**. The button changes to **Cancel** while the form is open.
2. Type in **Location**. After 3 characters the app searches for matching places and shows up to 5 suggestions.

3. Click a suggestion, or use `↑` and `↓` and press `Enter`. Press `Esc` to close the list. A line under the field confirms the spot: ✓ **Address resolved:** and the coordinates.
4. Or type coordinates as latitude, comma, longitude, such as 40.7128, -74.0060. The line reads ✓ **Coordinates detected:** and the coordinates as soon as they are valid.
5. Fill in **Name** and pick an icon, then click **Add Marker**.

ADD FORM	
Name	The label shown on the map. Required. Picking an address fills it with the part before the first comma if the field is empty.
Location	An address, place, neighborhood or locality, or coordinates. Coordinates must be decimal degrees in the order latitude, longitude, separated by a comma. Use a minus sign for south and west. Latitude must be −90 to 90 and longitude −180 to 180. Degree symbols, minutes and N/S/E/W letters are not read.
Icon for this marker	The icon for this one marker. Default **Dot**. See “Choose an icon” below.
Add Marker	Saves the marker at the end of your list and closes the form. New markers start checked (visible).
Cancel	Closes the form without saving.

If you type an address but don’t pick a suggestion, the marker has no coordinates yet, and **Add Marker** shows **Please ensure all fields are valid.** Pick a suggestion or type coordinates. While you type fewer than 3 characters that aren’t coordinates, the form says **Type more characters to search addresses or enter coordinates like "40.7128, -74.0060"**.

04 Edit, hide, delete and fly to markers

Each row in the list shows the marker’s icon, name and coordinates, with controls to hide it, change its icon, edit it or delete it.

Each row starts with a checkbox that shows or hides that one marker on the map. Hidden markers stay in your list, in exports and in presets. Next comes the marker’s icon, its name, and its coordinates to 4 decimal places. Click anywhere else on the row, or focus it and press `Enter`, to fly the active panel to the marker at zoom 10.

LIST CONTROLS	
Change icon	The icon at the start of the row. Opens an icon picker right under the row, headed **Icon for** and the marker's name. Pick a new icon and it applies at once. Click the icon again to close the picker.
Edit	Opens the form with the marker's name, coordinates and icon. Change any of them and click **Update Marker**. To move a marker, type new coordinates or search a new address in **Location**.
Delete	Removes the marker after you confirm. There is no undo.
Search markers...	Appears once you have markers. Filters the list by name or by coordinates as you type. The map is not filtered. **No markers match your search.** means nothing matched.

Edits check each value and tell you what is wrong: **Please enter a name for the marker**, **Please provide valid coordinates**, **Latitude must be between -90 and 90** or **Longitude must be between -180 and 180**.

TIPS

- List order matters. When two marker names would overlap on the map, the one higher in the list wins. New markers go to the end. The panel has no way to reorder, so to change the order, export the list, reorder it in the file and import it with **Replace all**.
- Your markers also come up first in the toolbar's **search location** box, and in the location search of meteograms and soundings, while **Enable Name Markers** is on. Only checked markers are listed, up to 3 at a time.

05 Choose an icon

Pick from 77 built-in icons in eight groups, or upload up to 24 of your own images.

The icon picker appears in the add and edit form and under a row when you click its icon button. The chips at the top filter the grid: **All**, the eight groups below, and **Custom**. Built-in icons take their fill and outline from **Marker color** and **Marker outline** on the **Appearance** tab, so the previews match your map.

BUILT-IN ICONS	
Shapes	Dot, Ring, Square, Triangle, Diamond, Hexagon, Star, Plus, X, Target, Heart. **Dot** is the default and draws as a plain circle sized by **Dot size**.
Location	Pin, Pin with hole, Star pin, Flag, Compass, Crosshairs, Arrow. **Pin**, **Pin with hole**, **Star pin** and **Flag** stand on the spot: their bottom tip marks the location, and the name sits higher to clear them.
Places	Home, Apartment, Building, Office, Factory, Warehouse, Hospital, Clinic, School, University, Church, Hotel, Store, Bank, Restaurant, Stadium.
Transport	Plane, Helicopter, Car, Bus, Train, Truck, Boat, Ship, Bike, Parking.
Emergency	Fire station, Police, Ambulance, Hydrant, Siren, Shelter, Warning.
Weather	Lightning, Tornado, Cloud, Sun, Snowflake, Umbrella, Thermometer, Radar, Wind turbine.
Nature	Tree, Mountain, Drop, Water, Tent, Beach, Park, Farm.
Infrastructure	Radio tower, Cell tower, Lighthouse, Camera, Bridge, Satellite, Power, Gas, Wi-Fi.

YOUR OWN ICONS (CUSTOM)	
Upload custom icon	Shown under **All** and **Custom**. Accepts PNG, JPEG, WebP, SVG or GIF. The image is scaled down so its longest side is at most 128 pixels and stored as a PNG, so an animated GIF becomes a still image. It is named after the file and is picked for the marker you are editing.
Remove	Deletes the uploaded icon from your library. Markers that used it go back to **Dot**.

TIPS

- You can keep up to 24 custom icons. At 24, **Upload custom icon** is greyed out; remove one to make room.
- Custom uploads keep their original colors. **Marker color** and **Marker outline** don't change them, but **Icon size** does scale them.
- Use a transparent PNG or an SVG for a clean edge on the map.
- Custom icons are saved with your marker appearance, in your account.

06 Import a list of places

Load up to 2,000 places at once from a JSON or GeoJSON file, and choose whether they add to your list or replace it.

1. On the **Markers** tab, click **Import** and choose your file.
2. If your list is empty, the places go straight in.
3. Otherwise the panel asks **This file has N locations. Add them to your list, or replace your current markers?** Click **Add to list** to keep your markers and add the new ones, **Replace all** to swap your whole list for the file, or **Cancel**.
4. Read the note under the buttons. It says how many were added and why any rows were skipped.

The file can be a JSON array of places, or an object that holds the array under "locations", "markers" or "nameMarkers". A single place object also works. It can also be GeoJSON: a FeatureCollection, or a single Feature, of Point features. GeoJSON coordinates come from the geometry (longitude first), and name, icon and enabled come from each feature's properties. A feature without a Point geometry can carry lat and lon in its properties instead.

FIELDS FOR EACH PLACE

name	Required. Also read from "Name", "title" or "label". Spaces at the ends are trimmed, and names longer than 200 characters are cut.
lat	Required. Also read from "latitude", "Lat" or "Latitude". A number or a number in quotes, −90 to 90.

lon	Required. Also read from "lng", "long", "longitude", "Lon", "Lng" or "Longitude". −180 to 180, west negative.
icon	Optional. A built-in icon id such as "home", "fire-station", "pin-dot", "x-mark" or "wifi", or its name as the picker shows it, such as "Fire station" or "Pin with hole". Case doesn't matter, and so does the kind of hyphen ("Wi-Fi" works). The name of one of your custom icons also works. Anything else imports as **Dot**.
enabled	Optional. false (or "false" or 0) imports the marker unchecked.

A minimal file looks like this: [{ "name": "Plant 1", "lat": 35.4676, "lon": -97.5164, "icon": "factory" }, { "name": "Warehouse B", "latitude": 35.2226, "longitude": -97.4395 }]. Coordinates are rounded to 6 decimal places on import.

TIPS

- Duplicates: two places match when their names match (ignoring case) and their coordinates match to 5 decimal places. A repeat inside the file is skipped. With **Add to list**, a place already in your list is not added again.
- Bad rows: rows without a name, with missing or out-of-range coordinates, or repeated in the file are skipped and counted in the note. The rest still import.
- Unknown icons: rows whose icon isn't recognized still import with the default icon, and the note counts them.
- Limits: only the first 2,000 usable places in a file are imported, and files over about 2 million characters are refused. Split bigger lists into several files and import them with **Add to list**.

MESSAGES YOU MAY SEE

Added N locations.	Success with **Add to list**. May add **N were already in your list.**
Replaced your markers with N locations.	Success with **Replace all**, or any import into an empty list.
Those locations are already in your list.	**Add to list** found nothing new. Your list is unchanged.

Skipped N rows with a missing name, invalid coordinates, or a duplicate.	Some rows were left out. The rest imported.
N kept the default icon because the icon name was not recognized.	Check the spelling of those icon values.
Only the first 2000 locations were imported.	The file had more than 2,000 usable places.
No usable locations. Skipped N rows with a missing name or invalid coordinates.	Nothing imported. Check the field names and coordinate values.
That file has no locations.	The list in the file is empty.
That file is not valid JSON.	The file has a syntax error, such as a missing comma or quote.
Expected a JSON list of locations with name, lat, and lon.	The file is valid JSON but not in one of the shapes above.
That file is empty.	The file has no content.
That file is too large. Split it into smaller lists.	The file is over the size limit.
Could not read that file.	The browser or desktop app could not open the file.

The file chooser lists .json and .geojson files. The importer reads JSON only, so convert a CSV, KML or spreadsheet to JSON or GeoJSON first.

07 Export and share your list

Download your markers as a JSON file you can back up, edit or send to someone else.

1. On the **Markers** tab, click **Export**. It is greyed out while your list is empty.
2. Your browser or the desktop app saves name-markers.json.

3 To load it on another account, sign in there and use **Import**.

Each entry has name, lat and lon. icon is included when it isn’t **Dot**, and "enabled": false is included for unchecked markers. The file keeps your list order. It does not include appearance settings; save those in a preset on the **Bundles** tab.

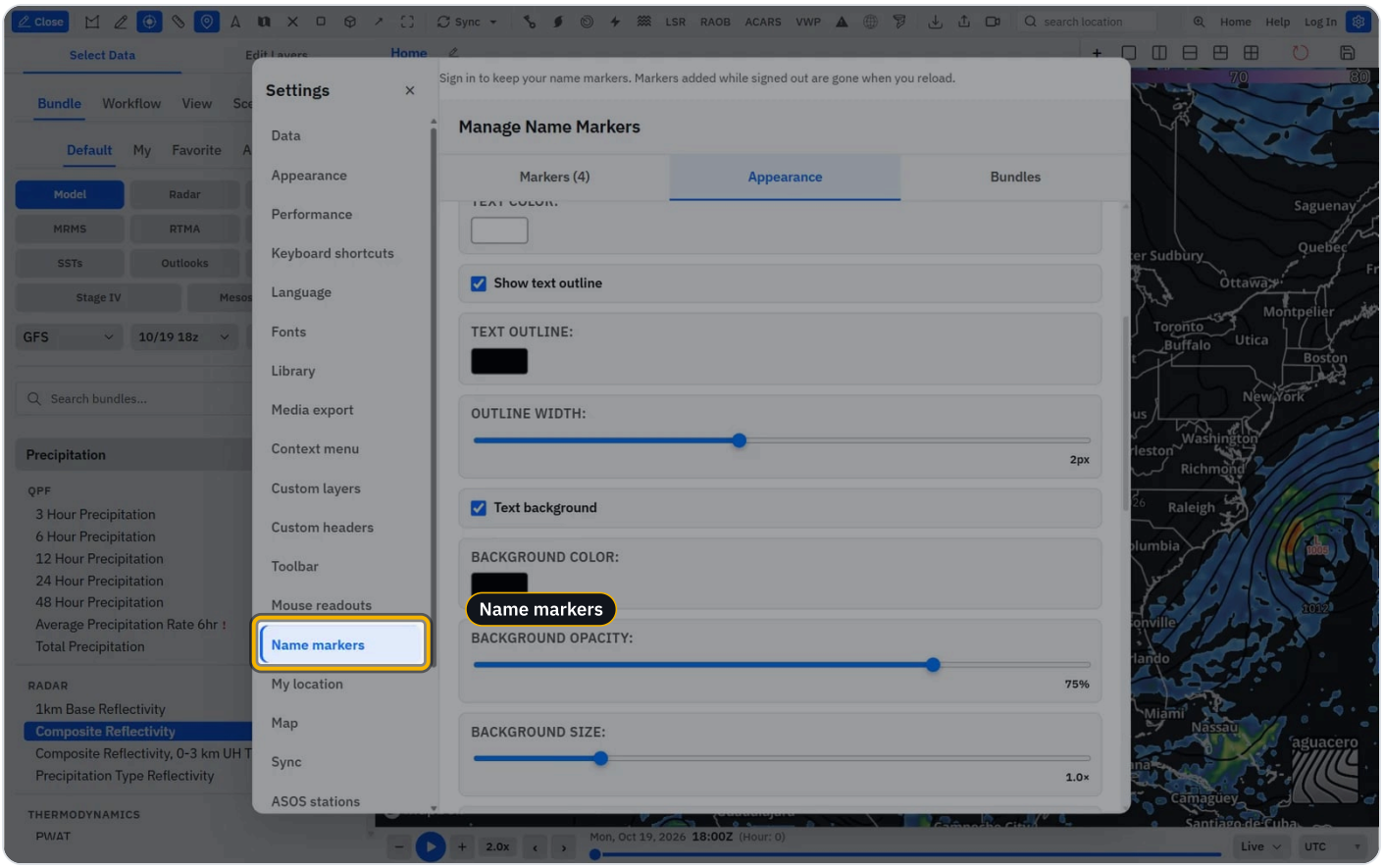
A marker with one of your uploaded icons exports its icon as "custom:" followed by an id. That id only exists in your account, so on another account the marker imports with the default icon. Built-in icons always carry over.

08 Style the names

Set the font, size, color and outline of every marker name. These settings apply to all markers at once.

Open the **Appearance** tab. Its heading is **Marker Appearance**. Every change shows on the map right away and saves to your account. Color swatches open a color picker, and the color saves when you close the picker.

TEXT	
Font	The typeface for names. Default **Open Sans**. Fonts you upload in **Settings** → **Fonts** (Professional and above) appear at the top of the list.
Bold text	Uses the bold face of the chosen font. Default off.
Text Size	8–80 px, default 12 px. Names don’t wrap, so long names stay on one line.
Text Color	The name color. Default white.
Show text outline	Draws a halo around each letter so names read over any data. Default on.
Text Outline	The halo color. Default black. Applies while **Show text outline** is on.
Outline Width	0.5–4 px in steps of 0.5, default 2 px.



The Appearance tab styles every marker at once: here bold names on a text background.

TIPS

- For big on-air labels, try **Text Size** 20–28 with **Bold text** on and an **Outline Width** of 2.5–3.
- With a text background (next section), you can often turn **Show text outline** off for a flatter look.

09 Put a box behind the names

Draw a rounded box behind every name, with its own color, opacity, size and outline, like a TV map tag.

TEXT BACKGROUND	
Text background	Draws a box behind each name. Default off. The options below appear while it is on.
Background color	The box color. Default black.
Background opacity	0–100% in steps of 5, default 75%.

Background size	0.5–3.0× in steps of 0.1, default 1.0×. Scales the padding around the name.
Corner radius	0–24 px, default 8 px. 0 gives square corners.
Background outline	Draws a border around the box. Default on.
Outline color	The border color. Default white. Shown while **Background outline** is on.
Outline width	0–4 px in steps of 0.25, default 1 px.

TIPS

- A bigger box takes more room, so more names may hide where markers are close together. Lower **Background size** if names start dropping out.

10 Add a drop shadow

Cast a soft shadow from the names, or from their background boxes, to lift them off the map.

The checkbox is named **Drop shadow** when **Text background** is off, and the shadow falls from the letters. With **Text background** on it is named **Background drop shadow**, and the shadow falls from the box instead.

SHADOW	
Drop shadow	Turns the shadow on. Default off. The options below appear while it is on.
Shadow color	Default black.
Shadow opacity	0–100% in steps of 5, default 55%.
Shadow blur	0–16 px in steps of 0.5, default 3 px. 0 gives a hard edge.
Shadow distance	0–16 px in steps of 0.5, default 2 px. How far the shadow sits from the text or box.

Shadow angle	0–360° in steps of 5, default 45°. The direction the shadow falls: 0° is to the right and 90° is straight down.

11 Style the dot and icons

Set the color, outline and size of the dots and built-in icons under the names, or hide them to show names only.

The hint at the top of the **Appearance** tab says it: you pick each marker's icon on the **Markers** tab, and the color, outline and size here apply to all of them.

MARKER	
Show marker	Shows the dot or icon under each name. Default on. Turn it off for names only; each name then centers on its location.
Marker color	Fill for dots and built-in icons. Default red.
Show marker outline	Outlines dots and built-in icons. Default on.
Marker outline	The outline color. Default white. The outline width is fixed.
Dot size	2–12 px, default 4 px. The radius of markers that use **Dot**.
Icon size	8–48 px, default 20 px. The size of every other icon, built-in or custom.

TIPS

- Names sit right above their dot or icon. Pins and flags lift the name higher so it clears the pin.
- Mix icons to show kinds of places, for example **Hospital**, **School** and **Shelter**, while one **Marker color** keeps the map consistent.

12 Show names only when you point at a marker

Keep a busy map clean by showing only the dots or icons until you move the mouse over one.

SETTINGS	
Show names on hover only	Hides every name until the mouse is over that marker's dot or icon. Default off. Greyed out while **Show marker** is off, since there is nothing to hover; names then always show.
Show all names (allow overlap)	Turns off name collision detection. By default, when two names would overlap, the one lower in your list is hidden until you zoom in. With this on, every enabled marker draws its name, even where names stack on top of each other. Default off.

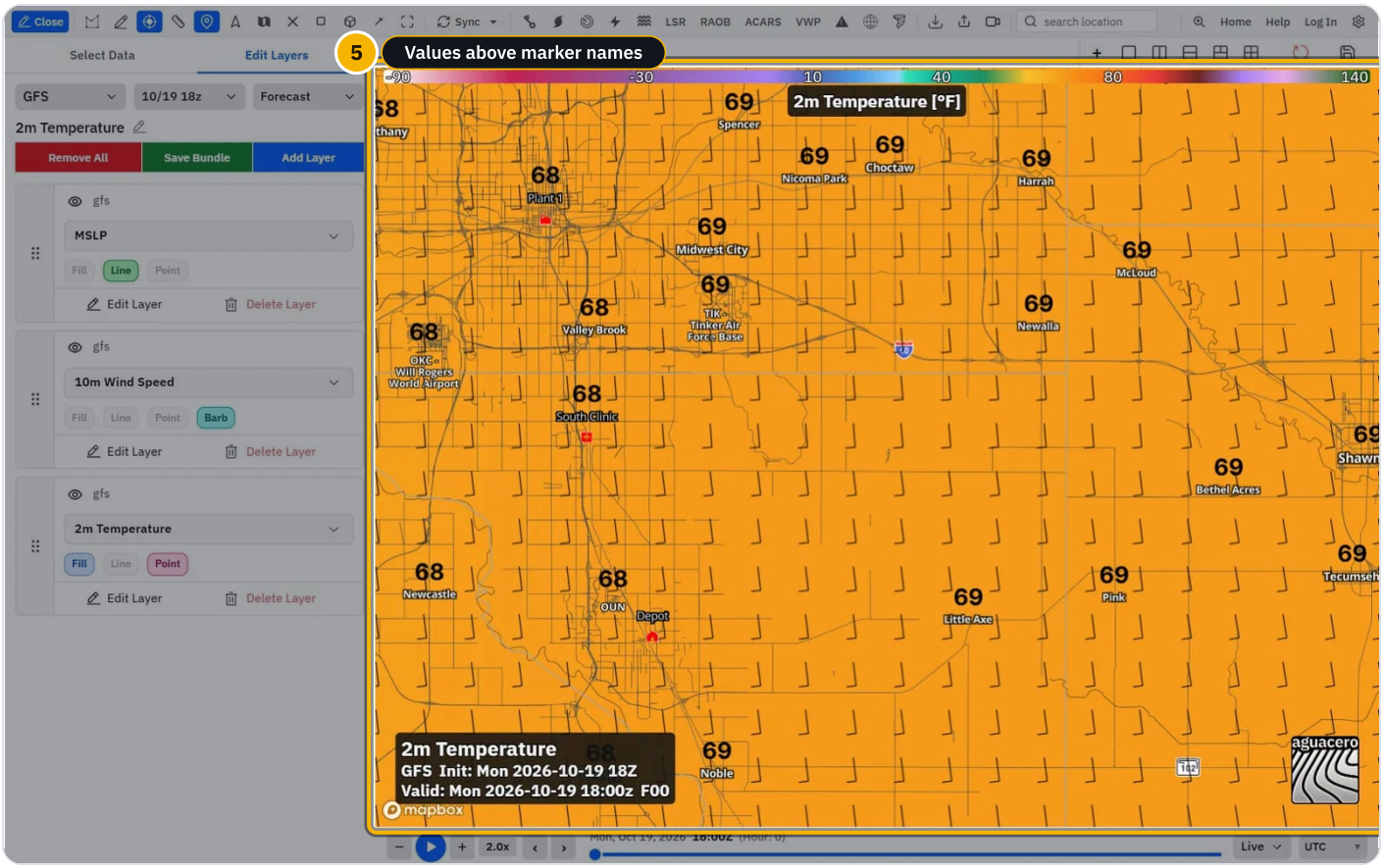
Hover needs a mouse, so on a touch screen the names stay hidden. The names also need something to hover over: keep **Show marker** on, or no name will ever appear.

13 Show live data values at your markers

Put a layer's value, such as the current temperature or forecast snowfall, right above each marker's name. The values update as you step through time.

Readouts at markers are a layer's point readouts placed at cities. Any layer that has point readouts set to city places them at the map's city labels and at your name markers. **Show data readouts at markers** decides whether your markers take part.

1. On the **Appearance** tab, make sure **Show data readouts at markers** is on. It is on by default.
2. Open the bundle editor and add the layer you want, such as a model's 2 m temperature.
3. In the layer list, turn on the **Point** pill on the layer's row.
4. Click **Edit Layer** and open the **Point** tab. Under **Readout Type**, click **Switch to City**. It then reads **Current: city**.
5. Values appear above your marker names and above the map's city labels. Step the time slider and they update.



A 2 m temperature layer with city point readouts puts a live value above each name marker.

SETTINGS THAT SHAPE MARKER READOUTS

Show data readouts at markers	On the **Appearance** tab. Default on. Off leaves your markers without values; city labels keep theirs.
Readout Type	On the layer's **Point** tab. **Switch to City** places values at cities and markers; **Switch to Grid** places them on a regular grid instead, ignoring markers.
City readout vertical offset	On the layer's **Point** tab, shown while the readout type is city. −50 to 50 px, default 0. Moves the values up or down from their spot above the name.
Allow point overlap	On the layer's **Point** tab. Off by default: a value hides when it would cover another city's or marker's value or name. On draws every value.

When values collide, the biggest cities keep theirs first, then your name markers, then towns and villages. A marker whose name is hidden, unchecked, or outside a highlight area gets no value. Markers use the value colors, font size, decimals and units of the layer's **Point** tab, so style them there.

14 How markers share the map with city labels

Name markers always win over the map's own place labels, and they follow the highlight area when you hide labels outside it.

Your markers draw above the map's city labels. The app also hides the map's city, town, village and point-of-interest labels where they would sit on or right next to a marker, so a marker named Norman never fights the map's own Norman label. Country, state, water, road and airport labels are left alone.

TIPS

- Marker against marker: when two marker names would overlap, the one higher in your list stays and the other hides until you zoom in far enough to separate them.
- Marker against city label: the marker stays and the city label hides.
- Marker against radar site: marker names still draw when they land on a NEXRAD site label.

SETTINGS ELSEWHERE THAT HIDE MARKERS

Hide labels outside highlight	In the highlight area settings of the **Map Style** window (Professional). While it is on, markers outside the highlighted countries, states or counties are hidden, along with their readouts.
Hide labels outside shape	The same for the shape of a masked custom layer (Professional).

TIPS

- Want only your own places on the map? Turn the map's city labels off in the **Map Style** window (toolbar button **Customize Map Style**). Your markers are not affected.
- Markers show on every panel. In a four-panel layout, all four maps show the same markers.

15 Save marker presets on the Bundles tab

Keep several marker sets, such as clients, schools and chase targets, and switch between them in one click.

A marker preset, called a name marker bundle, holds your whole marker list, every **Appearance** setting (including your custom icons) and whether markers are on. It is separate from layer bundles.

1. Set up your markers and their look.
2. Open the **Bundles** tab. Under **Name marker bundles**, type a name in **Name this preset…** and click **Save current** (or press `Enter`).
3. To switch later, click a preset's name. Your current list and appearance are replaced by the preset's.

NAME MARKER BUNDLES	
Name this preset…	The name for a new preset.
Save current	Saves your current list, appearance and on/off state as a new preset. Greyed out until you type a name.
Apply this preset	Click a preset's name. The line beside it shows how many markers it holds, and **disabled** if it was saved with markers turned off; applying that one turns markers off.
Update	Overwrites the preset with your current list and appearance.
Rename	Edit the name, then click **Save** or press `Enter`. `Esc` cancels.
Delete	Asks **Delete "name"? This cannot be undone.** and then removes the preset. Your current markers are not touched.

Applying a preset replaces your current marker list and appearance, and that becomes what is saved in your account. Your custom icons are kept: the preset's icons are added back, and icons you uploaded since stay. Save your current markers as a preset first if you want to come back to them. Presets are listed A to Z.

TIPS

- Give each preset a key: **Settings** → **Keyboard shortcuts** → **Name marker bundles** lists every preset, ready to bind.
- Scenes (Creator) can switch marker presets per scene or per step under **Name markers** → **Choose name markers**.

16 Save markers with a bundle or workflow

Store a marker set inside a layer bundle or a workflow, so opening it brings its markers along.

SETTINGS	
Save name markers to bundle	A switch in the bundle save panel. Stores your current list, appearance and on/off state in the bundle. Off by default for a new bundle; when you re-save a bundle that has markers, it starts on.
Save name markers to this workflow	The same switch when you save a workflow (workflows need Professional). Not used when you save an archive event.

When you open a bundle on the active panel, or a workflow, that has saved markers, its markers and appearance replace yours, and that becomes your saved list. Bundles and workflows saved without markers leave your markers alone.

17 Where markers and settings are saved

What lives in your account, what travels with bundles and presets, and what is lost when you sign out.

TIPS

- Your account: the marker list, every **Appearance** setting, your custom icons, the **Enable Name Markers** state and your marker presets. They save as you change them and load on any device where you sign in.
- Presets, bundles and workflows: copies of the list and appearance at the moment you saved. Later edits to your markers don’t change them until you click **Update** or save again.
- Export file: names, coordinates, icons and on/off state only. No appearance settings.
- Not signed in: anything you add without an account lasts only until you reload or close the app.

18 Recipe: client sites with live temperature readouts

Import a list of client locations and show the current or forecast temperature above each one, styled like a broadcast map.

1. Make a JSON file of your sites, for example [{ "name": "Plant 1", "lat": 35.4676, "lon": -97.5164, "icon": "factory" }, { "name": "Depot", "lat": 35.2226, "lon": -97.4395, "icon": "warehouse" }]. Put the most important sites first; they win when names crowd together.
2. Open **Manage Name Markers**, click **Import**, choose the file and click **Replace all** (or **Add to list** to keep your other markers).
3. On the **Appearance** tab, turn on **Bold text**, set **Text Size** to 15, and turn on **Text background** with a dark **Background color**, **Background opacity** 85% and **Corner radius** 6 px. Turn on **Background drop shadow** with the defaults.
4. Set **Marker color** to your brand color and **Icon size** to 24 px.
5. In the bundle editor, add a 2 m temperature layer from the model you use. Turn on its **Point** pill, click **Edit Layer**, open the **Point** tab and click **Switch to City** under **Readout Type**. Turn its **Fill** pill off if you want a clean map with values only.
6. Check that **Show data readouts at markers** is on. Each site now shows the temperature above its name, and the values update as you step through time.
7. Optional (Professional): in the **Map Style** window, tick **Enable highlight**, set **Boundary level** to **Counties (US)**, click your service counties and tick **Hide labels outside highlight** so only sites inside your area show.
8. On the **Bundles** tab, save a preset named Clients. Then save the layer bundle with **Save name markers to bundle** on, so one click brings back the layer, the sites and their look.

TIPS

- If a few values are missing where sites sit close together, turn on **Allow point overlap** on the layer's **Point** tab, or zoom in.
- Swap the temperature layer for wind gusts, snowfall or precipitation to brief the same clients on another hazard.

19 Recipe: a chase-target map

Mark your target, home base and stops for the day, then check distances and conditions at a glance.

1. Add your target by typing its coordinates in **Location**, for example 37.75, -100.02, name it Target 1 and give it the **Crosshairs** or **Target** icon.
2. Add home base with the **Home** icon, and your stops with **Gas**, **Hotel** and **Restaurant**.
3. On the **Appearance** tab, set **Marker color** to bright yellow, **Icon size** to 28 px and **Text Size** to 14, and turn on **Text background** so names read over radar.
4. Add the layers you chase with, such as CAPE or a severe outlook, and turn on city point readouts for one of them so values appear at your target.
5. Double-click **Ruler** on the toolbar and drag from home to the target to see the straight-line distance and bearing.
6. Save the set as a preset named for the date on the **Bundles** tab. Next chase day, save a new preset instead of editing this one.
7. During the day, uncheck stops you have passed and use the **search location** box to jump to a marker by name.

20 Common questions

Answers to the questions people ask most about name markers.

Why does clicking Name markers ask me to sign in?

Markers save to your account, so the toolbar button opens **Sign in to add map markers** until you sign in. Name markers are free on every plan.

Where is the + Add Marker button?

It only shows while **Enable Name Markers** is on. Turn it on at the top of the **Markers** tab.

My markers disappeared. What happened?

Check, in order: markers turned off by a double-click on the toolbar button (it is highlighted when on); markers unchecked in the list; opening a bundle, workflow or preset that had its own saved markers, which replaces your list; or adding markers while signed out, which aren’t kept after a reload. If you saved a preset, apply it to get your list back.

Why do some marker names vanish when I zoom out?

Names that would overlap hide, and the marker higher in your list wins. Zoom in to see them all, lower **Text Size** or **Background size**, or reorder your list by exporting, editing and importing with **Replace all**.

A city label near my marker disappeared. Is that a bug?

No. The map hides its own place labels where they would sit on your marker, so your marker always reads clearly.

Why don’t I see values at my markers?

Values come from a layer with point readouts set to city. Turn on the layer’s **Point** pill, then on its **Point** tab click **Switch to City** under **Readout Type**, and keep **Show data readouts at markers** on. A value can also hide when it collides with a bigger city’s; turn on **Allow point overlap** to show all of them.

Can I undo a delete?

No. **Delete** asks first, then removes the marker for good. Add it again, or apply a preset or import a file that has it.

Can I import a CSV, KML or shapefile?

Not directly. **Import** reads JSON and GeoJSON. Convert your file to JSON or GeoJSON with name, lat and lon, and import that. Custom layer uploads of point data also point you here.

Why did my imported markers all get the default icon?

Their icon values didn’t match a built-in icon id or name, or one of your custom icon names. The import note counts them. Custom icons exported from another account never match; reassign them after importing.

How many markers can I have?

One import file can bring in up to 2,000 places, and you can import more than one file with **Add to list**. You can upload up to 24 custom icons.

Names on hover only doesn’t show any names.

Hover needs a mouse over the marker’s dot or icon, so it can’t work on a touch screen. With **Show marker** off the setting is greyed out and names always show.

What coordinate format does Location accept?

Decimal degrees, latitude first, separated by a comma, such as 39.7392, -104.9903. Use minus signs for south and west. Degrees-minutes-seconds and N/S/E/W letters aren’t read.

Do markers show in exported images and videos?

Yes. Markers are part of the map, so they appear in image, GIF and video exports, along with any readouts at them.

Do different panels or boards have different markers?

No. There is one list, shown on every panel and board. Use presets to switch whole sets.