

SDES · FREE BOOKMAP ADD-ON

# Edges & Ledges

Quick Start

Where volume built. Where it didn't.

Marks high & low volume nodes (HVN / LVN) via Cloud Notes.

Free · no key, no account

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Edges & Ledges is a free Bookmap add-on that finds and marks high-volume nodes (HVN) and low-volume nodes (LVN) on your chart from session volume. It replaces the older separate HVN Marker and LVN Marker. The nodes are drawn by Bookmap's own Cloud Notes, fed by a small local server inside the add-on.

Ledges = HVN (the shelves where the most volume traded). Edges = LVN (the thin, low-volume boundaries between traded structure). Both are on by default and tuned independently.

## Install & connect (Cloud Notes)

- 1 Download the jar from [sdes.dev](https://sdes.dev) (free tools section).
- 2 In Bookmap: Settings → API Plugins Configuration → Add, pick the jar. Then on your chart, Configure add-ons → enable Edges & Ledges.
- 3 Open the add-on settings, pick your session, and Save Settings.
- 4 In the Cloud Notes Server panel, copy the URL it shows (it lists the exact working URL — one per instrument, or a merged URL for all attached instruments).
- 5 Right-click the chart → Cloud Notes → paste the URL, set the interval to 1 minute, and Save. Nodes appear within a minute.

Both node types travel on the same URL — each row carries its own label and color, so one pasted URL shows HVNs and LVNs together.

## How the levels appear

- Each node is a labeled Cloud Note at its price (default labels HVN and LVN), with an optional horizontal line across the chart.
- Default colors: HVN blue (#00AAFF), LVN orange (#FF8A1E), white label text. The line is off by default — just the label marker.
- Optional sound and/or Windows voice alert when a genuinely new node appears; the voice names the instrument first (e.g. "E S, new high volume node.").

## Session

- Session type — Globex (18:00 ET), RTH (09:30 ET), or a Custom start in a selectable time zone (Exchange ET, CT, MT, PT, UTC, London, Berlin, Tokyo, Sydney). The Globex/RTH presets are exchange-anchored and self-adjust to your local clock; an echo line shows the start time on your machine.
- Auto-Reset — clears the profile and starts a fresh one at the next session boundary.
- Update Interval — how often the node list and CSV rebuild (100 ms–5 s, default 1 s). Lives in the Cloud Notes Server panel.

## Per-node settings (HVN and LVN)

The settings are split into a High Volume Nodes panel and a Low Volume Nodes panel. The two panels mirror each other — they carry the same controls, tuned independently. HVN finds the highest-volume price levels (the Ledges); LVN finds the lowest (the Edges). The table below is the full per-node control set; example values are shown.

Control	What it does	Example
Enabled	Turn this node type on or off (both on by default).	on
Min Distance (pts)	Minimum spacing between nodes of this type, in points.	4
Min Volume Mode	How the volume floor is set: Absolute (a fixed count) or Auto (% of session avg) (a percent of the live session's average level volume, recomputed each refresh so it scales with the day's volume).	Absolute
Min Volume (Absolute)	Used when mode = Absolute. Ignore levels below this volume count. 0 = no floor.	1,000
Min Volume (Auto %)	Used when mode = Auto %. The floor is this percent of the session's average level volume.	15
Max Nodes	Cap on how many nodes show. The cap keeps the highest-volume nodes for HVN, the lowest for LVN.	8
Peak Strength (x)	How much a peak must stand above the dip beside it to count as its own HVN — volume must fall to at most peak ÷ this on both sides. (On the LVN panel this is Flank Strength (x): how much higher volume must be on both sides for a thin level to count as a valley.)	2.5
Label Prefix	Text shown on each note on the chart.	HVN / LVN
Show Volume	Append each node's traded volume to its label (e.g. "HVN 12.5K").	off
Text Color	Color of the note's label text.	—
BG Color	Background color of the note.	—
Draw line	Draw a horizontal line at the node's price across the chart. Off = just the label marker.	off
Save Settings	Apply and persist this panel's settings.	—

HVN = the highest volume within  $\pm$ Min Distance, above the Min Volume floor; the cap keeps the HIGHEST volumes. LVN is the inverse — a valley: the lowest volume within  $\pm$ Min Distance, flanked by higher volume on both sides; the cap keeps the LOWEST.

The Low Volume Nodes panel adds one LVN-only control: Max volume (% of session avg) — an optional ceiling so a level only qualifies as an LVN while its volume is at most this percent of the session average (0 = off, the flank test alone decides).

## Session presets & adaptive mode

- Session presets — ETH and RTH bundle only the HVN+LVN detection tuning (distances, max nodes, LVN max-volume %, peak/flank strength). One click loads a bundle into the live settings; you can tweak and Save after. Restore Recommended loads the fixed factory baseline.
- Adaptive detection — when on, the HVN floor and LVN ceiling are derived from the live session's volume distribution as percentiles, recomputed each refresh, so detection auto-tracks the day. Off (default) = the manual values above.

Settings save per instrument and persist across restarts and updates. Every control has a plain-English hover tooltip.

## Free, as-is

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