



Low Volume Node Marker

Bookmap Addon — User Guide

Automatically detects and marks Low Volume Nodes on your Bookmap chart in real time via Cloud Notes.

Version 1.0.0

Free tool by SDES

sdes.dev | sean@sdes.dev

© 2026 SDES. All rights reserved.

■ WARNING — READ BEFORE INSTALLING ■

This is a FREE addon. No support of any kind is provided — no questions asked.

By downloading, installing, or using this addon, you acknowledge and agree to ALL of the following:

- **No Support:** You are solely responsible for installing, configuring, troubleshooting, and getting this addon working. The developer will not provide technical assistance, guidance, or support of any kind.
- **No Guaranteed Updates:** The developer may or may not release updates, bug fixes, or enhancements at their sole discretion. No guarantees are made regarding future development, maintenance, or continued availability of this addon.
- **Data Accuracy:** If your data feed disconnects, Bookmap restarts, or any interruption occurs, the volume profile will be incomplete and detected levels may be inaccurate or misleading. You are solely responsible for independently verifying all data and price levels before making any trading decisions.
- **No Liability:** The developer is not liable for any financial losses, missed trades, incorrect data, software conflicts, data corruption, or damages of any kind — direct, indirect, incidental, or consequential — arising from the use or inability to use this addon.
- **No Warranty:** This addon is provided "as-is" and "as-available" without warranty of any kind, whether express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, accuracy, or non-infringement.
- **Third-Party Disclaimer:** Bookmap is not responsible for this addon. Bookmap support will not provide assistance for any issues related to this addon. All inquiries must be directed to the developer only, who is under no obligation to respond.
- **Assumption of Risk:** You assume all risk associated with the installation and use of this addon. This includes but is not limited to risk of data loss, software instability, incorrect price levels, and financial loss.

**YOU MUST BACK UP ALL DATA AND SETTINGS BEFORE INSTALLING
THIS ADDON**

USE AT YOUR OWN RISK

By continuing to use this addon, you acknowledge and accept all terms above.

Overview

The Low Volume Node Marker is a free Bookmap addon that automatically detects and marks Low volume nodes (LVNs) on your chart in real time using Cloud Notes.

It scans the session volume profile, identifies every price level that qualifies as a local low within a configurable distance, and outputs each LVN as a labeled Cloud Note with an optional horizontal line. Nodes appear, move, and disappear dynamically as the volume profile develops throughout the session.

Requirements

- Bookmap with Cloud Notes enabled
- Cloud Notes configured to poll a local HTTP URL
- Windows, macOS, or Linux

Installation

1. Download the **lvn-marker.jar** file.
2. Open Bookmap and go to **Settings > Configure add-ons**.
3. Click **Add** and select the folder where you downloaded or placed the addon.
4. Enable the addon by checking the box next to its name.
5. The Low Volume Node Marker settings panel will appear on the right side.

Settings Panel

Settings Reference

Session

Setting	Description
Session Type	Globex (18:00 ET), RTH (09:30 ET), or Custom. Determines when the volume profile starts collecting data.
Start Hour / Minute	Only editable when Session Type is Custom. Sets the session start time in Eastern Time.
Auto-Reset	When enabled, the volume profile and all LVN markers clear and restart at each session boundary.

Filters

Setting	Description
Min Distance (pts)	A price level must have the lowest volume within this many points on both sides to qualify as a LVN. Default: 5.
Max Volume	Ignore levels with volume above this threshold. Set to 0 for no cap. Filters out high-traffic levels.

Cloud Notes Server

Setting	Description
Address	IP address the built-in HTTP server binds to. Default: 127.0.0.1
Port	Port number. Default: 8003. Change if another addon uses the same port.
URL	Full URL to paste into Bookmap Cloud Notes settings. Read-only field for easy copying.

Appearance

Setting	Description
Label	Text shown on each Cloud Note marker. Default: "LVN"
Text Color	Foreground color of the label. Click to open a color picker.
BG Color	Background color of the Cloud Note. Default: #ff6600 (orange)
Draw Line	When checked, a horizontal price line is drawn at each detected node.

Setting Up Cloud Notes

1. In Bookmap, open **Cloud Notes** settings.
2. Add a new Cloud Notes source with the URL from the addon settings panel (e.g. http://127.0.0.1:8003/lvn_levels.csv).
3. Cloud Notes polls approximately every 1 minute. Detected nodes appear after the first poll.

4. The addon updates internally every second, but Cloud Notes refreshes at its own interval.
5. **Important:** After changing settings or first loading the addon, it may take longer than 60 seconds for levels to appear. Cloud Notes may briefly display "Unavailable" — this is normal and typically resolves within a few minutes. If levels do not appear after several minutes, verify the URL in Cloud Notes exactly matches the addon settings, and check that no other application is using the same IP/port.

How LVN Detection Works

The addon builds a cumulative volume profile from every trade during the current session. On each update, it scans all price levels and identifies low volume nodes:

- A level qualifies as a LVN if its volume is **lower** than every other level within the configured Min Distance on both sides.
- If Max Volume is set above 0, any level with volume above that threshold is excluded.
- All qualifying levels are output as Cloud Notes entries with the configured label, colors, and optional line.
- Nodes shift, appear, and disappear as the volume profile evolves throughout the session.

Using Multiple Addons

If running both HVN and LVN Markers, each must use a different port:

- HVN Marker: port 8002
- LVN Marker: port 8003

Add both URLs as separate Cloud Notes sources to see both on the same chart.

Troubleshooting

Issue	Solution
No markers on chart	Confirm Cloud Notes is enabled and the URL matches the addon settings. Wait at least 1-2 minutes for Cloud Notes to poll.
Cloud Notes shows " Unavailable"	Normal after settings changes or first load. Wait a few minutes. If it persists, verify URL/IP/port match and check for conflicts.
Port already in use	Change the port in Cloud Notes Server settings and click Save. Update the URL in Cloud Notes.
Markers disappeared	Auto-Reset clears at session boundaries. If Bookmap restarted, the profile was lost and rebuilds from new trades.
Stale markers after update	Delete old .jar before rebuilding. Close and fully reopen Bookmap.

■ WARNING — READ BEFORE INSTALLING ■

This is a FREE addon. No support of any kind is provided — no questions asked.

By downloading, installing, or using this addon, you acknowledge and agree to ALL of the following:

- **No Support:** You are solely responsible for installing, configuring, troubleshooting, and getting this addon working. The developer will not provide technical assistance, guidance, or support of any kind.
- **No Guaranteed Updates:** The developer may or may not release updates, bug fixes, or enhancements at their sole discretion. No guarantees are made regarding future development, maintenance, or continued availability of this addon.
- **Data Accuracy:** If your data feed disconnects, Bookmap restarts, or any interruption occurs, the volume profile will be incomplete and detected levels may be inaccurate or misleading. You are solely responsible for independently verifying all data and price levels before making any trading decisions.
- **No Liability:** The developer is not liable for any financial losses, missed trades, incorrect data, software conflicts, data corruption, or damages of any kind — direct, indirect, incidental, or consequential — arising from the use or inability to use this addon.
- **No Warranty:** This addon is provided "as-is" and "as-available" without warranty of any kind, whether express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, accuracy, or non-infringement.
- **Third-Party Disclaimer:** Bookmap is not responsible for this addon. Bookmap support will not provide assistance for any issues related to this addon. All inquiries must be directed to the developer only, who is under no obligation to respond.
- **Assumption of Risk:** You assume all risk associated with the installation and use of this addon. This includes but is not limited to risk of data loss, software instability, incorrect price levels, and financial loss.

**YOU MUST BACK UP ALL DATA AND SETTINGS BEFORE INSTALLING
THIS ADDON**

USE AT YOUR OWN RISK