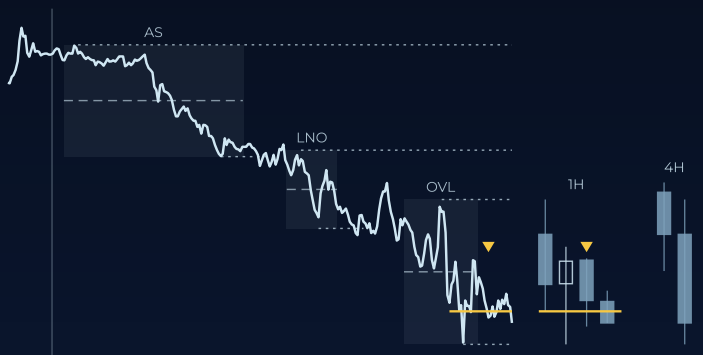
RCV ESSENTIALS

Trading sessions, dividers and higher-timeframe candles on one chart

INDICATOR GUIDE · VERSION 2.2

SPECIMEN · EURUSD · 5M · SESSIONS AND HTF CANDLES



Revisionaries

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What RCV Essentials Does

RCV Essentials puts three things on your chart that most traders draw by hand: boxes for the trading sessions, a line at the start of each trading day, and candles from higher timeframes next to your price.

Add it to your chart

1. Open any chart on TradingView.
2. Click **Indicators** in the top toolbar (the ***fx*** icon).
3. Type **RCV Essentials** in the search box.
4. Click **RCV Essentials** by **RCVisionaries**. It appears on your chart straight away.
5. Click the **star** next to it to keep it in your **Favorites**.

> RCV Essentials is free and public: no invite or username needed. Not in the search? Open **tradingview.com/script/eNcv4i2i** and click **Use on chart** or **Add to favorites**.

> Used an earlier version? Remove it and add it again, or open its settings and choose **Defaults** at the bottom.

Words used in this guide

Session: A block of the trading day with a name and a start and end time in New York time (for example the London open).

Range: The distance from a session's high to its low, in pips on forex.

H/L lines: Lines at the session's high and low that run on to the right until price trades through them.

EQ: The middle of the session's range.

HTF candle: A candle from a higher timeframe (1H, 4H) drawn to the right of price.

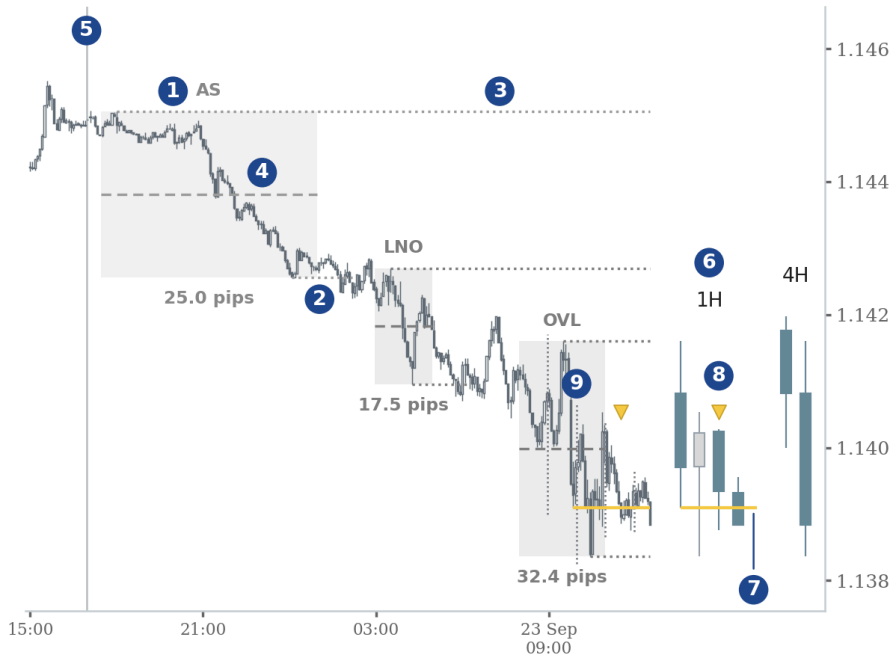
HTF divider: A dotted line on your chart where each higher-timeframe candle opens.

Sweep: A candle trades beyond the previous candle's high or low, then closes back inside it.

Engulfing: A candle whose body covers the previous candle's body and points the other way.

ON YOUR CHART

What You See



1. **Session box and name.** The box spans the session's high and low; the name sits above it (AS, LNO, OVL).
2. **Range label** under the box: how many pips the session covered.
3. **H/L lines.** Dotted, from the wick that made the high or low, until price trades through.
4. **EQ line.** Dashed, across the session at the middle of its range.
5. **Day divider.** Thin vertical line at the start of the trading day (17:00 New York).
6. **HTF candle sets** to the right of price, labelled 1H and 4H. Newest candle on the right.
7. **Sweep.** Thin gold line at the previous candle's low (or high), repeated on price from the wick that set it.
8. **Engulfing.** Gold ▼ above a bearish engulfing candle, repeated on price at the middle of its time.
9. **HTF dividers.** Dotted line where each 1H candle opened, over its high to low.

> Example: EURUSD 5m, 22 to 23 Sep 2026, New York time. H/L, EQ and the day divider are switched on here; they are off until you tick them.

SESSIONS

The Session Boxes

Three sessions are on by default. Times are New York time, whatever time zone your chart uses.

Name	Time (New York)	What it covers
AS	17:30 to 01:00	Asia: runs overnight, so its box starts the evening before
LNO	03:00 to 05:00	The London open
OVL	08:00 to 11:00	The New York and London overlap

You can rename them, change their times and colours, and switch on a fourth session (S4).

What each box shows

Part	What it is	On by default
Box	Highest high to lowest low of the session	Yes
Name label	Above the box	Yes
Range label	Below the box, for example *25.0 pips*	Yes
H/L lines	Dotted line at the high and one at the low, from the wick that set it, until price trades through	No
EQ line	Dashed line at the middle of the range, across the session	No

> Tick **H/L** and **EQ** next to a session in the settings to see those lines. Their colour follows the session.

Dividers

Divider draws a thin vertical line at the start of each trading day (17:00 New York on forex). You can switch it to week or month, change its colour and style, and choose how many to keep.

> Sessions show on charts up to a chosen timeframe (30 minutes by default). On a 1H chart or higher the boxes are hidden.

HTF CANDLES

Candles From Higher Timeframes

The candles to the right of price are higher-timeframe candles, so you can see the bigger picture without changing your chart. Each set has a label above it, and the newest candle is on the right.

Part	What it shows
Set label (1H, 4H)	The timeframe of that set of candles
Light candle	Bullish: it closed above where it opened
Blue-grey candle	Bearish: it closed below where it opened
Open times (optional)	The time each candle opened, under it
Countdown (optional)	Time left in the newest candle

Which sets you get

Timeframes and **Candles** are on **Auto**: the indicator picks the sets that suit your chart. On a 5m chart you get 1H and 4H; on a 15m chart, 4H and Daily. The box next to Timeframes sets how many sets Auto shows.

1. Leave both on **Auto** to start.
2. To choose your own timeframes, set **Timeframes** to **Manual** and pick them in the TF1 to TF4 rows.
3. To choose how many candles each set shows, set **Candles** to **Manual**.

Dividers on your chart

With Timeframes on Auto, a dotted line marks where each candle of the nearest set opened, from that candle's high to its low. The bars between two lines make up one candle. In HTF Style, **Dividers** sets the colour and the placement: **Candle**, **Range** (every line spans the shown candles' high and low) or **Below** (a short mark under price), then the line: **Auto** (dotted, solid for Below) or solid, dashed or dotted in widths 1 to 4.

> HTF candles work on every chart timeframe. They are drawn on your price scale, so they sit at the right price.

SWEEPS AND ENGULFING

The Gold Marks

Both marks are gold, and both appear on the HTF candles and again on your price.

You see	It means
Thin gold line at a previous candle's high or low	**Sweep.** The newer candle traded beyond that level, then closed back inside the previous candle's range. The line runs from the previous candle to just past the newest candle.
Gold line on price	The same sweep, drawn from the wick that set the level. It keeps running while later higher-timeframe candles touch the level. The higher set's line is thicker.
Gold ▼ above a candle	**Bearish engulfing.** The candle's body covers the previous body, going down.
Gold ▲ below a candle	**Bullish engulfing.** The candle's body covers the previous body, going up.
Mark on price	The same engulfing, placed in the middle of that candle's time

Marks on the newest candle

The newest candle is still forming, so its marks are provisional:

1. A sweep line is faint.
2. An engulfing mark is hollow (▽ or △).
3. If price changes before the candle closes, the mark can disappear. When the candle closes, a mark that still holds turns solid.

> A mark needs the earlier candle to be on screen too. The oldest candle in a set never carries one.

HOW TO USE IT

A Simple Daily Routine

RCV Essentials marks where things happened. It does not tell you to buy or sell: read the day with it, then make your decision from structure on your own chart.

Before the session

1. Look at the HTF candle sets. Note which way the last closed candles went, and any gold sweep or engulfing mark.
2. Note the AS (Asia) high and low. Tick **H/L** for AS so those lines stay on the chart.
3. Set an alert (see Setting an Alert) so you hear when price trades through a session high or low.

During the session

1. When price trades through a session high or low, watch whether it closes back inside or keeps going.
2. Check the HTF candles again. A mark on the newest candle is provisional until that candle closes.
3. Act on structure on your own timeframe, not on a level alone.

> Pick the chart timeframe that suits how you trade and leave **Timeframes** on **Auto**: it gives you the higher timeframes that pair with that chart.

SETTINGS

Every Setting: Sessions

To open the settings, double-click the indicator's name in the top-left corner of the chart, or hover over the name and click the gear icon. Settings are in four groups: Trading Sessions and Session Style, then HTF Candles and HTF Style.

Setting	Default	What it does
S1 / S2 / S3	On	Tick to show a session. Then its name, start and end (New York time) and colour: OVL 08:00-11:00, LNO 03:00-05:00, AS 17:30-01:00.
S4	Off	A fourth session, with no name until you give it one.
↳ Labels	Both	Per session: None, Name, Range or Both.
↳ H/L	Off	Per session: the high and low lines, with a line style.
↳ EQ	Off	Per session: the middle line, with a line style.
History	Week	How long sessions stay drawn: Today, Week or Month.
Up to	30 minutes	The highest chart timeframe that shows sessions.
Fill / Outline	85 / Off	How transparent the box is (0 solid, 100 invisible), and a dotted outline.
Name / Range	Above / Below	Where each label sits. Pick the same place for both and they merge into one label.
Text	Tiny, Default, Normal	Size, typeface and style of the session labels.
Units	Auto	Range in pips, points or price. Auto picks the usual unit for the market.
Divider	Off, Day	Tick to draw it. Choose Day, Week or Month, a colour and a line style.
↳ Keep	Week	Which dividers stay: only the current one, this week's, this month's, or all.

SETTINGS

Every Setting: HTF Candles

Setting	Default	What it does
Timeframes	Auto, 2 sets	Auto picks the sets for your chart. Manual uses the TF1 to TF4 rows.
Candles	Auto	Auto picks how many candles each set shows. Manual uses the count in each row.
TF1 to TF4	15m, 1H, 4H, 1D	Manual only: tick to show a set, pick its timeframe and candle count.
Width / Margin / Spacing	2 / 30 / 15	Candle width, distance from price, and the gap between sets, all counted in bars.
Bullish / Bearish	Light / blue-grey	Body, border and wick colours.
Labels	Top, Follow	Where the timeframe labels sit (Top, Bottom or Both) and whether they follow the candles or line up.
Text	White, Small	Colour, size, typeface and style of those labels.
Countdown	Off	Time left in each set's newest candle. It keeps refreshing on quiet markets.
Open Times	Off	The time each candle opened, under it.
Sweeps / On Chart	On / On	The gold sweep line and its colour. On Chart repeats it on price.
Engulfing / On Chart	On / On	The gold ▼ and ▲ marks and their colour. On Chart repeats them on price. Higher timeframes draw bigger marks.
Dividers	Grey, Candle, Auto	Colour, placement (Candle, Range or Below) and line of the HTF dividers. Timeframes Auto only.

> None of these settings change what is detected. They change what is drawn and how it looks.

ALERTS

Setting an Alert

1. Open the chart with RCV Essentials added.
2. Click the **alarm clock** icon in the right toolbar, or press **Alt + A**.
3. Under **Condition**, choose **RCV Essentials**.
4. In the second box, choose **Any alert() function call**.
5. Click **Create**.

Event	Fires when
Any alert() function call	Price trades through a session high or low. The message names it, for example *OVL high swept*.

> The alert fires once per bar, as price trades through the level. It does not wait for the bar to close. Only sessions that have H/L ticked can be swept, so tick H/L for the sessions you want alerts on.

IF SOMETHING LOOKS WRONG

Quick Fixes

I see no sessions.

Your chart timeframe is above **Up to** (30 minutes by default), or the session is switched off. Use a smaller timeframe.

I see boxes but no H/L or EQ lines.

They are off by default. Tick **H/L** and **EQ** next to the session.

I see no divider.

Divider is off by default. Tick it in Session Style.

Values look odd after an update.

Open the settings and choose **Defaults**, or remove the indicator and add it again.

The HTF candles look thin.

The chart is zoomed out. Candle width is counted in bars, so raise **Width** or zoom in.

I see dotted lines on price.

Those are the HTF dividers. Choose **Below** next to **Dividers**, or set its opacity to 0 to hide them.

A gold mark disappeared.

It was on the newest candle, which had not closed. Marks on the newest candle can change until it closes.

Session times look wrong.

Session times are New York time, whatever your chart's time zone is.

I can't find RCV Essentials.

In Indicators, search **RCV Essentials** and pick the one by RCVisionaries. Or open **tradingview.com/script/eNcv4i2i** and click **Use on chart**.