



Celestial Cycles

User Guide

Astronomical timing overlays for crypto markets

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cycles.wyckofflabs.com

by Wyckoff Labs

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1. Getting Started

1.1 What is Celestial Cycles?

Celestial Cycles overlays astronomical timing events onto live cryptocurrency price charts. It combines moon phases, Mercury retrograde periods, eclipses, Hurst cycle analysis, Gann time cycles, and planetary events into a single interactive charting tool. The app uses real-time data from Bybit's API and runs entirely in your browser with no account required.

The core premise: celestial cycles have historically correlated with market turning points across multiple asset classes. Celestial Cycles lets you visualize these correlations and form your own conclusions.

1.2 Quick Start

1. Open cycles.wyckofflabs.com in any modern browser (Chrome, Safari, Firefox, Edge).
2. The chart loads with BTC/USDT on the daily timeframe with the Essential preset active.
3. Use the **preset buttons** in the toolbar to switch between layer configurations.
4. Use the **quick toggles** below the chart to turn individual layers on/off.
5. Click the **gear icon** to open the full settings panel for detailed configuration.

1.3 Interface Overview

| Area | Location | Purpose |
|------------------|--------------|--|
| Header Bar | Top | Symbol selector, timeframe, presets, screenshot, share, settings |
| Ribbons | Below header | Lunar Node transit + Benner Cycle phase indicators |
| Chart Area | Center | Candlestick chart with all celestial overlays |
| Score Panel | Upper right | Cosmic Confluence Score with component breakdown |
| Quick Toggles | Below chart | One-click on/off for each overlay layer |
| Convergence Card | Bottom | 2026 multi-framework convergence analysis |
| Footer | Very bottom | Wyckoff Labs branding + TradeOS link |

2. Chart Controls

2.1 Symbol Selection

Use the dropdown in the top-left to switch between cryptocurrency pairs. Available pairs include BTC/USDT, ETH/USDT, SOL/USDT, and other major crypto assets. Data is fetched from Bybit's public API in real time. No API key required.

2.2 Timeframes

Five timeframes are available, each with different data depth:

| Timeframe | Bars Loaded | History | Best For |
|-----------|-------------|------------|--|
| 1W | 318+ | ~6 years | Long cycles: Benner, Lunar Node, Harrison 18yr |
| 1D | 2,000 | ~5.5 years | Moon phases, Rx zones, eclipse correlations |
| 4H | 1,000 | ~166 days | Medium-term timing, Hurst arcs |
| 1H | 1,000 | ~41 days | Short-term precision timing |
| 15m | 1,000 | ~10 days | Intraday scalping, micro-cycle timing |

Tip: The daily timeframe uses pagination (two API calls) to load ~2,000 bars. This gives you enough history to see multiple Mercury retrograde cycles and their price correlations.

2.3 Presets

Four presets configure which overlay layers are active:

Essential - Moon phases, Mercury Rx, Eclipses, Hurst arcs, Score panel. Clean, minimal view for daily analysis.

Cycle Trader - Everything in Essential plus Gann time cycles. For traders who use cycle-based timing.

2026 Macro - Full macro view with Lunar Node ribbon, Benner Cycle ribbon, planetary markers, and the Convergence Card. Best on weekly or daily timeframe.

Full Power - All 11+ layers active simultaneously. Maximum information density. Best for exploration and research.

2.4 Navigation & Zoom

Scroll horizontally to pan through time. Use mouse wheel or pinch-to-zoom to adjust the visible range. Double-click to reset the view. The dashed vertical line marks today's date, with everything to the right being future projection (rendered at 50% opacity).

3. Overlay Layers

Each overlay layer visualizes a different celestial timing system. Layers can be toggled independently using the quick toggles below the chart or the settings panel.

3.1 Moon Phases

Displays new moon and full moon markers on the chart. New moons appear as blue circles, full moons as yellow circles. Moon phases are calculated using the synodic cycle formula (29.53 day period) and work on any timeframe.

Trading context: Research by Dichev & Janes (2003) found stock returns in 48 countries are higher in the 15 days around new moons vs. full moons. Many crypto traders observe increased volatility around full moons and trend initiations around new moons.

3.2 Mercury Retrograde

Renders semi-transparent pink background zones spanning the duration of each Mercury retrograde period. A "RETROGRADE" label appears centered in each zone. Mercury goes retrograde approximately 3 times per year for about 3 weeks each time. The lookup table covers 2024-2028.

Trading context: Analysis of S&P; 500 data shows statistically weaker performance during Mercury retrograde periods. Whether causal or correlational, these periods often coincide with reversals, communication breakdowns, and technical failures in markets.

3.3 Eclipse Markers

Solar eclipses appear as yellow diamond markers. Lunar eclipses appear as separate markers. Both solar and lunar eclipses are included with type labels (total, annular, partial, penumbral). Eclipse data covers 2024-2028.

Trading context: Eclipses have been associated with major market turning points in financial astrology. They often mark the start or end of significant trends, particularly when they fall near other confluence factors.

3.4 Hurst Cycle Arcs

Gray semicircular arcs overlaid on the chart representing Hurst's cyclic analysis. The arcs are drawn with configurable opacity (20-100%, default 60%) adjustable via a slider in the settings panel. Arc width defaults to 2px.

Hurst cycles identify dominant periodic rhythms in price data. When arcs from multiple cycle periods converge (nest), it suggests a higher-probability turning point. The arcs scale correctly across all timeframes using bars-per-day multipliers.

Translation: Left translation (peak before midpoint) is bearish. Right translation (peak after midpoint) is bullish. Watch where price peaks relative to the arc center.

3.5 Gann Time Cycles

Vertical dashed lines at Gann time intervals from user-defined anchor dates. Set anchor dates in Settings > Gann Time Cycles. The system projects key Gann intervals (30, 45, 60, 90, 120, 144, 180, 270, 360 calendar

days) forward from each anchor.

When no anchor dates are set, a centered message reads "Set anchor dates in Settings > Gann Time Cycles."
Markers use dashed lines in the future projection zone.

3.6 Cosmic Confluence Score

A composite score (0-100) displayed in the upper-right panel with a colored backdrop blur. The score aggregates signals from all active overlay layers into a single number. A breakdown showing each component's contribution appears as horizontal bars below the score.

| Range | Label | Interpretation |
|--------|---------------|---|
| 70-100 | CRITICAL ZONE | Multiple systems signaling simultaneously. High confluence. |
| 50-69 | CAUTION ZONE | Moderate celestial activity. Watch for confirmation. |
| 30-49 | MILD ACTIVITY | Some celestial factors present but not dominant. |
| 0-29 | QUIET | Minimal celestial influence. Markets driven by other factors. |

Component bars: Lunar, Mercury, Eclipse, Cycle, Gann, Planetary. Each shows its percentage contribution in its identity color.

3.7 Lunar Node Ribbon

A colored ribbon at the top of the chart showing which zodiac sign the North Node currently transits. The ribbon includes the sign name, direction indicator, and phase label. Node transits take approximately 18.6 months per sign.

McWhirter method: W.D. Gann's contemporary Louise McWhirter linked stock market activity to the Lunar Node cycle. Node in Leo = economic highs, Node in Aquarius = economic lows. The Node enters Aquarius in July 2026 - a key component of the 2026 convergence thesis.

3.8 Benner Cycle Ribbon

A second ribbon showing the current Benner Cycle phase. Samuel Benner's 1875 cycle identifies three repeating phases: Good Times (green), Hard Times (orange/amber), and Panic (red). The cycle has been remarkably accurate over 150 years of market history.

A 1px separator line divides the Lunar Node and Benner ribbons when both are active.

3.9 Planetary Markers

Three planetary sub-layers can be toggled independently:

Jupiter-Saturn - Major conjunction cycle (~20 years). Reference: Dec 21, 2020 conjunction.

Saturn-Pluto - Structural transformation cycle (~33-38 years). Reference: Jan 12, 2020.

Mars Triggers - Short-term activation points where Mars aspects major planets near confluence zones.

4. The 2026 Convergence Card

The Convergence Card at the bottom of the chart is the analytical centerpiece of Celestial Cycles. It shows five completely independent timing frameworks that all point to 2026 as a critical inflection year.

4.1 Five Frameworks

| Framework | Event | Date | Source |
|----------------|----------------------------|--------------|---------------------------------|
| McWhirter | North Node enters Aquarius | Jul 26, 2026 | Lunar Node 18.6yr cycle |
| Benner Cycle | Peak Selling Year | 2026 | Samuel Benner, 1875 |
| Harrison 18yr | Property Cycle Top | 2026 | Fred Harrison real estate cycle |
| Saturn-Neptune | Conjunction | Feb 2026 | Outer planet cycle |
| Sunspot Cycle | Solar Max to Decline | 2025-2026 | NASA forecast |

4.2 How to Interpret

The convergence of independent systems increases historical probability of a significant market event, but does NOT guarantee outcomes. This is a timing awareness tool, not a prediction system. Use it alongside your own technical analysis, risk management, and trading methodology.

Important: Celestial Cycles is for educational and research purposes. It does not constitute financial advice. Always do your own research and never risk more than you can afford to lose.

5. Settings Panel

Click the gear icon in the header toolbar to open the settings panel. The panel slides in from the right with a dark background matching the toolbar aesthetic. Sections are collapsible with chevron indicators.

5.1 Layer Controls

Each overlay layer has a toggle switch. When ON, the toggle uses the layer's identity color (e.g., moon blue for Moon Phases, pink for Mercury Rx). When OFF, the toggle is gray. Toggles in the settings panel mirror the quick toggles below the chart.

| Layer | Color | Hex |
|----------------|----------|---------|
| Moon Phases | Blue | #64B5F6 |
| Mercury Rx | Pink | #F48FB1 |
| Eclipses | Yellow | #FFD54F |
| Hurst Arcs | Gray | #90A4AE |
| Score Panel | Teal | #4DB6AC |
| Gann Time | Orange | #FFB74D |
| Lunar Node | Purple | #CE93D8 |
| Benner | Green | #81C784 |
| Jupiter-Saturn | Lavender | #B39DDB |
| Saturn-Pluto | Pink | #F48FB1 |
| Mars | Red | #EF9A9A |

5.2 Hurst Configuration

Opacity Slider - Range 20-100% (default 60%). Controls the transparency of Hurst arcs. The slider value multiplies with the future projection 50% opacity for arcs beyond today's date. The setting persists in localStorage, URL share state, and preset configurations.

5.3 Gann Anchor Points

Set up to multiple anchor dates in the Gann Time Cycles section. Each anchor represents a significant market turning point (high or low) from which Gann time intervals are projected forward. Enter dates in the input fields and the vertical marker lines appear immediately on the chart.

6. Sharing & Screenshots

6.1 Share Links

Click the link icon in the header toolbar to generate a share URL. The URL encodes your current configuration into the hash fragment, including symbol, timeframe, active preset, toggle states, Hurst opacity, and Gann anchor dates. When someone opens the link, they see your exact view.

Edge cases are handled gracefully: empty hash falls back to defaults, partial hash uses defaults for missing keys, and invalid values fall back without crashing.

6.2 Screenshot Capture

Click the camera icon to capture a screenshot of the current chart view. The capture uses html2canvas to composite all 8+ canvas layers (TradingView internals + overlay canvases) into a single image. A watermark showing 'cycles.wyckofflabs.com' is added to the bottom of the captured image.

Tip: Use the Full Power preset before capturing to show all layers in the screenshot. This creates the most compelling social media share image.

7. Tips & Best Practices

Start with Essential preset

Get familiar with moon phases and Mercury Rx before adding complexity. These are the most well-documented correlations.

Use Weekly for big picture

Switch to 1W timeframe with the 2026 Macro preset to see multi-year cycles. The Benner and Lunar Node ribbons tell the best story on weekly.

Set Gann anchors on major turns

Mark the Nov 2021 BTC all-time high and the Nov 2022 FTX crash low as Gann anchors. Watch where the projected intervals land.

Compare Rx zones to volatility

Mercury retrograde zones on 1D often align with choppy, directionless price action. Look for trend resumption as retrogrades end.

Watch the score at extremes

Cosmic Confluence Score above 70 has historically aligned with significant market events. Use it as an awareness tool, not a signal.

Share what you find

The share link preserves your exact view. If you spot an interesting correlation, share the link with your trading community.

Future projections

Everything to the right of the 'TODAY' vertical line is projected. These elements render at 50% opacity to distinguish them from historical data.

8. Frequently Asked Questions

Is this free?

Yes, completely free. No account required. No API key needed. Open the URL and start exploring.

Where does the price data come from?

Live data from Bybit's public API. If the API is unavailable (rate limiting, downtime), the app falls back to sample data and shows a notification banner.

What markets are supported?

Currently crypto only (BTC/USDT, ETH/USDT, and other Bybit-listed pairs). Stocks, forex, and commodities may be added in a future update via third-party data providers.

Are the celestial dates accurate?

Moon phases are calculated via the Julian Date synodic formula. Mercury retrograde, eclipse, and planetary dates come from astronomical tables and are cross-referenced with NASA/JPL ephemeris data. Coverage: 2024-2028.

Does this work on mobile?

Yes. The app is fully responsive across desktop, tablet, and phone. Quick toggles scroll horizontally on small screens. The settings panel becomes a full-width overlay on mobile.

Can I draw on the chart?

Not currently. Celestial Cycles uses TradingView Lightweight Charts (open-source), which doesn't include drawing tools. Use TradingView.com for technical analysis and Celestial Cycles for timing awareness.

Is this financial advice?

No. Celestial Cycles is an educational and research tool. Celestial correlations with markets are observational, not causal. Always do your own research and consult a financial advisor before making trading decisions.

What is the 2026 Convergence?

Five independent timing frameworks (McWhirter Lunar Node cycle, Benner Cycle, Harrison 18-year property cycle, Saturn-Neptune conjunction, and the solar sunspot cycle) all converge on 2026 as a critical year. See Section 4 for details.

How do I report a bug?

Contact Wyckoff Labs via the TradeOS platform or reach out on social media. Bug reports are appreciated and help improve the tool for everyone.

What's the relationship with TradeOS?

Celestial Cycles is a standalone free tool by Wyckoff Labs, the same team behind TradeOS (the AI-powered trading journal). They complement each other: use Celestial Cycles for timing, TradeOS for journaling and analysis.

Celestial Cycles

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Built by Wyckoff Labs | Powered by Bybit market data

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