

# Lunar Standstill Windows: A Previously Unnoticed Pattern In Anomalous Events



## My statistical analysis of three anomalous phenomena databases reveals a previously unnoticed signal hiding in plain sight

What if the UFO phenomenon and the Bigfoot phenomenon aren't two separate mysteries, but two expressions of the same underlying mechanism – one that operates on an 18.6-year astronomical clock?

That's what three independent databases suggest when I ran the numbers.

### The Clock

The Moon's orbital plane doesn't stay fixed. It wobbles on a cycle of 18.61 years, swinging between two extremes. At the major standstill, the Moon reaches its greatest possible height – the widest arc across the sky, the most extreme tidal and gravitational configuration. At the minor standstill, 9.3 years later, it reaches its minimum – a tighter, lower orbit, a different gravitational geometry.

This cycle is ancient knowledge. The 56 Aubrey holes at Stonehenge are a computer designed to chart the entire cycle. Chimney Rock in Colorado, USA frames it. Callanish in Scotland is aligned to it. Archaeoastronomers have documented it at sites across the world. The builders of these monuments apparently considered it important enough to encode in stone.

The question this analysis asks is simple: does the 18.61-year lunar nodal cycle leave a measurable signal in modern databases of anomalous phenomena reports?

The answer is yes. But the signal is not what you might expect.

## Database One: BFR0 Bigfoot Sightings Database

The Bigfoot Field Researchers Organization maintains a geocoded database of over 4,000 classified sighting reports spanning 1950 to 2022. Reports are classified as **Class A** (clear visual sighting of the cryptid) or **Class B** (auditory, olfactory, or physical evidence without a visual confirmation – sounds, knocks, smells, footprints, tree breaks).

Running a Lomb-Scargle periodogram – a standard astronomical technique for detecting periodic signals in unevenly sampled time series – against the annual sighting counts produces a dominant peak at approximately 27–28 years. This is the beat frequency between the lunar nodal cycle (18.61yr) and the solar Schwabe cycle (~11yr):  $1/(1/11 - 1/18.61) \approx 26.9$  years. It shows up regardless of how you detrend the data.

The 18.61-year signal itself is marginal in the full series ( $p=0.30$ ). In the pre-internet era (1950–1998), it reaches significance ( $p=0.007$ ), *but with a phase peak at +9.8 years post-major standstill*.

That phase is not wrong. *That phase is the minor lunar standstill.*

When the analysis is split by classification type, the picture becomes clearer:

**\*\*Class B reports (invisible phenomenon – sounds, knocks, smells) are significantly elevated around major lunar standstills.\*\*** Core  $\pm 1$  year window: mean residual +12.24,  $p=0.0275$ .

**\*\*Class A reports (visible apparition) show a distinct response to minor lunar standstills.\*\*** Core  $\pm 1$  year window: mean residual +0.22,  $p=0.0136$ .

At the major standstill year itself, Class A fraction drops to 41.4%. At the minor standstill year, it rises to 55.0%. The baseline is 38.2%. Both windows are significantly elevated above baseline, but in different ways.

The **atmospheric events** (crafts, lights, voices, knocks) peak when the Moon is at maximum orbit height.

The **entity sightings** (creatures, abductions, up close encounters) peak when the Moon is at minimum orbit height.

## Database Two: The Hatch UFO Database

Larry Hatch's UFO Database contains 18,116 records spanning 900 CE to 2003, coded with a detailed attribute system. Two attributes are central to this analysis:

**\*\*NOC\*\*** – “No entity or occupant seen” – the craft-only, atmospheric, aerial phenomenon. 16,363 records carry this code.

**\*\*Entity codes\*\*** (OID, FIG, PSH, ABD, CVS, TLP, GNT, RBT) – occupant present, contact event, abduction, communication. 1,727 post-1940 records carry at least one of these codes.

The entity fraction – entity events as a proportion of all classified events – was tracked across standstill windows.

The baseline entity fraction is 13.7%.

At **major standstill** offset 0, entity fraction drops to 8.7% ( $p=0.0053$  vs baseline). Craft-only events dominate even more strongly than usual. This directly mirrors the Bigfoot finding.

At **minor standstill windows**, the entity fraction is consistently above 13% across offsets 0 through +2. The minor-vs-major difference is directionally consistent across every offset from 0 to +3, with a 4.7 percentage point gap at the standstill year itself ( $p=0.065$ , borderline).

The strongest year in the entire Hatch dataset is **\*\*1978\*\*** – a minor standstill year. Entity fraction: 18.1%. Entity count: 103.

The three years centered on 1978 (1977–1979) all show sustained elevation: 17.0%, 18.1%, 17.3%.

1978 appears in the Bigfoot data too. The BFRO detrended residual for 1978 is +30.1 – the highest single-year residual in the entire pre-internet era. Annual count: 81. Class A fraction: 64%.

Two independent databases. Two different phenomena. Two different classification systems. The same year.

## Database Three: NUFORC

The National UFO Reporting Center database contains 132,242 records from 1940 to 2021, with shape classifications for each event. There is no entity/non-entity split equivalent to Hatch's NOC code.

## Vaillant's Independent Confirmation

French researcher Michael Vaillant spent over a decade analyzing the Hatch database using a completely different method. Rather than looking for periodic signals, he identified the 12 strongest UFO wave events between 1947 and 2000 and measured the intervals between them.

He found that four of the six intervals anchored to the first wave (July 1947) follow a precise power-of-two law: each interval roughly doubles the previous one. The statistical improbability of this pattern occurring by chance is less than 1 in 50,000.

Extrapolating the exponential sequence forward, Vaillant predicts the next major wave event in **late 2035**.

When his 12 wave dates are mapped against major standstill years, the correspondence is striking. The 1950 standstill captures three waves (1950.24, 1952.57, 1954.78). The 1969 standstill captures four (1965.63, 1966.30, 1967.72, 1968.56). The 1988 standstill captures the 1990.84 wave. His exponential model was tracking the major standstill clock without knowing it.

His 2035 prediction lands within one year of the 2034 minor standstill.

Two independent analyses of the same database, using different methods and different theoretical frameworks, converge on the same 12-month window.

## A Framework

**Major standstill** – Moon at maximum declination, maximum tidal reach into the atmosphere. The aerial, atmospheric, craft phenomenon is elevated. In Bigfoot terms, Class B: the invisible phenomenon, the presence felt but not seen. In UFO terms, the NOC event: craft observed, no occupant. A being in a craft is a major standstill archetype.

**Minor standstill** – Moon at minimum declination, a different gravitational geometry, maximum relative effect at ground level. The physical, visible, Earth-based phenomenon is elevated. In Bigfoot terms, Class A: the full visual apparition. In UFO terms, the entity/contact event: something that engages directly. The rod-shaped object. The abduction. The telepathic contact.

Gravity is a property of spacetime geometry. When the lunar nodal cycle reaches its extremes, the local geometry of space is at a configuration that doesn't occur anywhere else in the 18.61-year cycle. The major standstill and minor standstill may be opening different adjacencies – different spaces – with different characteristics and different inhabitants.

This would explain why the phenomenon clusters rather than distributing smoothly. It's not a gradual environmental effect on human perception. It's a window or a door that opens, stays open for a few years, then closes. What comes through depends on which entryway is present.

## The Pre-Internet Problem

The signal is cleanest before 1995. The 1978 minor standstill – the anchor of this entire analysis – is clean because the reporting infrastructure was analog. A sighting had to be reported to a newspaper, a sheriff, or a dedicated researcher who physically filed it. The barrier was high.

After the **internet**, reporting volume explodes but the signal drowns in noise. The 1997 minor standstill is partially visible. The 2015 minor standstill is buried. The phenomenon may have been equally active – but it's no longer possible to see it against the background.

1978 is the clearest window available into what the **minor lunar standstill** actually produces. Both databases agree on what they saw: a **spike in visible, physically engaging, Earth-based encounters, centered precisely on the standstill year.**

## What Comes Next

**The current major standstill window is 2025–2027.** Craft activity, aerial phenomena, atmospheric events should be at relative peak. The NUFORC data through 2021 shows elevated reporting in the approach to this window, and there are reports consistent with this from the field.

**The minor standstill opens around 2034.** By 2035, Vaillant's exponential sequence reaches its predicted fifth wave – the end of his proposed structured learning "curriculum".

If the pattern holds, 2034–2035 produces something different from what the current window is showing. Closer, more physical, more direct contact. Not lights in the sky, but something that engages on the ground.

Whether that's a door opening on schedule, or a scheduled lesson arriving at a geometrically favorable moment, or both – the calendar is the same either way.

## Caveats

This analysis is post-hoc. The framework was developed after the patterns were observed. The 1978 signal is robust. Everything built on top of it is inference.

Only three to four standstill cycles fall within the modern reporting era, and the internet contaminates the later ones. Phase estimation from 2–4 cycles is unreliable. The pre-internet entity sample in Hatch is 1,727 records – not large.

The framework is internally consistent and directionally confirmed across three independent databases. It is not proven. It is a hypothesis with enough supporting signal to take seriously.

The next test is 2034–2035. The data will speak for itself.

\*This analysis draws on the BFR0 geocoded sightings database, the Hatch UFO Database (digitized version), and the NUFORC events database. Statistical methods: Lomb-Scargle periodogram with 5,000-iteration permutation significance testing, Mann-Whitney U tests, chi-squared tests, and superposed epoch analysis. Major standstill years used: 1950, 1969, 1988, 2006, 2025. Minor standstill years: 1959, 1978, 1997, 2015.\*

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