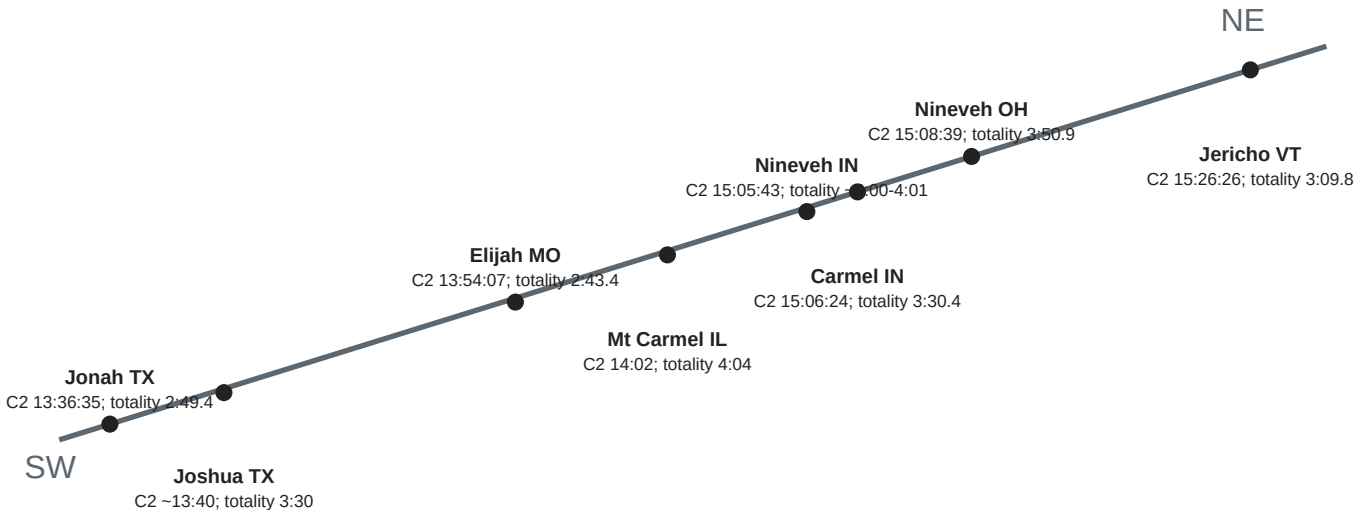


2024 Totality Path: Order, Timing, Verse Coordinates, and 4Q76

Visual showcase and audit record

Purpose: visual audit of the 2024 eclipse path, node order, totality timing, duration-to-verse protocol, and the 4Q76 manuscript convergence.

Schematic order along the April 8, 2024 U.S. totality corridor (not to geographic scale)



Observed person -> place edges

The broadened control search falsified the earlier claim that Jonah -> Nineveh was unique. At least three strong canonical person-place edges occur inside the 2024 U.S. totality corridor: Joshua -> Jericho, Elijah -> Carmel, and Jonah -> Nineveh. Nineveh and Carmel each have more than one relevant destination-name location in totality under the broader naming rule.

Node	Canonical edge	C2 / start of totality	Duration	Duration key	Audit status
Jonah, TX	Jonah -> Nineveh	13:36:35 CDT	2:49.4	2:49 / 2:50 weighted	Verified
Joshua, TX	Joshua -> Jericho	~13:40 CDT	3:30	3:30	Verified duration
Elijah, MO	Elijah -> Carmel	13:54:07 CDT	2:43.4	2:43 / 2:44 weighted	Verified
Mount Carmel, IL	Elijah -> Carmel	~14:02 CDT	4:04	4:04	Verified (Timeanddate)
Nineveh, IN	Jonah -> Nineveh	15:05:43 EDT	3:59.9 to 4:01	~4:00 / 4:01	Coordinate/source-sensitive
Carmel, IN	Elijah -> Carmel	19:06:23.7 UT1	3:30.4	3:30 / 3:31 weighted	Verified USNO
Nineveh, OH	Jonah -> Nineveh	15:08:39 EDT	3:50.9	10% 3:50; 90% 3:51	Verified
Jericho, VT	Joshua -> Jericho	15:26:26 EDT	3:09.8	20% 3:09; 80% 3:10	Verified

Directionality

The umbral shadow moved southwest to northeast. For each of the three core edges, the person-name node occurs earlier along the shadow track than at least one associated destination node: Jonah before Nineveh; Elijah before Carmel; Joshua before Jericho. This is an observational property worth including in later null simulations.

Duration -> verse protocol

The frozen protocol treats the physical duration m:ss.f as a chapter:verse coordinate across the entire canon, not within an eponymous book. Fractional seconds interpolate between adjacent verse numbers: e.g., 3:50.9 assigns 10% to 3:50 and 90% to 3:51. No digit sums, reversal, chapter substitution, or translation-shopping are permitted.

Strongest duration correspondences

Place	Physical duration	Canonical coordinate	Result
Nineveh, IN	Source-dependent ~3:59.900 / 4:00.1		At the 4:01 rounded presentation, Jonah 4:1 is directly about Jonah's anger after Nineveh is spared. Exact
Mount Carmel, IL	4:04 (Timeanddate)	4:04	Malachi 4:4 says to remember Moses; 4:5 immediately names Elijah; 4:6 gives turning-before-judgment f
Nineveh, OH	3:50.9	3:50 / 3:51	No direct Jonah/Nineveh NT hit found: MISS.
Jericho, VT	3:09.8	3:09 / 3:10	Joshua 3:10 is contextually near the Jordan-crossing threshold, but not a direct Jericho event hit; second

The 4Q76 convergence

4Q76 (4QXIIa) is a single Hebrew parchment manuscript from Qumran Cave 4, Hasmonean period. Scholarly summaries state that its surviving material preserves parts of Malachi and Jonah. The surviving Malachi portion reaches the end of the book, so it contains the Moses/Elijah closing unit; surviving Jonah material includes Jonah 3:2, the renewed commission to go to Nineveh.

Compression: Mount Carmel 4:04 -> Malachi 4:4 (Moses) -> Malachi 4:5 (Elijah); the same ancient manuscript also preserves Jonah, including Nineveh-commission material.

What this does and does not establish

This is a real multi-layer convergence: geography, eclipse physics, canonical text, and one pre-Christian manuscript. It is not proof of supernatural intentionality because the pattern was discovered post hoc and the search space is large. The correct next test is a frozen, exhaustive background-rate analysis across all populated places in the corridor, historical eclipse corridors, and surviving Twelve manuscripts.

Sources and audit notes

Web addresses are printed for reproducibility. Eclipse durations vary slightly by coordinate, Delta-T convention, and rounding; the report preserves source-specific values rather than silently harmonizing them.

NASA 2024 Where & When

<https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/where-when/>

Jonah TX eclipse circumstances

https://solareclipses.com/2024eclipse/communities/cities.html?city_id=39005

Elijah MO totality list

https://eclipse2024.org/eclipse_cities/total/mo

Mount Carmel IL eclipse

<https://www.timeanddate.com/eclipse/in/usa/mount-carmel?iso=20240408>

Nineveh IN eclipse

<https://www.timeanddate.com/eclipse/in/%404262201?iso=20240408>

Nineveh OH eclipse

https://solareclipses.com/2024eclipse/eclipse_cities/cities.html?city_id=117426

Carmel IN USNO

<https://aa.usno.navy.mil/calculated/eclipse/solar?eclipse=12024&height;=260&label;=Carmel%2C+IN&=39.978&lon;=-86.118&submit;=Get+Data>

Jericho VT eclipse list

https://sandbox.eclipse2024.org/eclipse_cities/total/vt

Joshua TX duration

<https://www.spacegrant.hawaii.edu/newsletters/Newsletter-2024.pdf>

IAA 4Q76 archive

https://www.deadseascrolls.org.il/explore-the-archive/manuscript/4Q76-1?locale=en_US

Oxford Handbook Minor Prophets summary

<https://dokumen.pub/the-oxford-handbook-of-the-minor-prophets-9780190673208-9780190673222-0190673206.html>

Pajunen & von Weissenberg 2015

<https://researchportal.helsinki.fi/en/publications/the-book-of-malachi-manuscript-4q76-4qxii-a-and-the-formation-of-t/>

Jonah textual witnesses overview

<https://faculty.washington.edu/garmar/AngleonJonah.pdf>