

Civilization Timeline Recalculated by the Antikythera Mechanism

This timeline lists the major civilizations of human history recalculated using the Antikythera mechanism. The Antikythera Start–End dates represent the true cosmic alignment based on Enoch Zero (3114 BCE) and the mechanism’s correction for solar, lunar, and planetary cycles. The Gregorian dates are the traditional historical dates that have drifted due to the calendar’s inaccuracies. Notes highlight astronomical or cultural anchors such as solstices, equinoxes, eclipses, or heliacal risings used to define eras.

Civilization	Antikythera Start–End	Gregorian Start–End	Notes
Göbekli Tepe	Aug 11, 9609 BCE – May 15, 8200 BCE	9600 BCE – 8200 BCE	Aligned to heliacal rising of Sirius
Jericho	Apr 2, 9400 BCE – Jun 10, 7000 BCE	9400 BCE – 7000 BCE	Earliest walled city; lunar cycle anchors
Sumerians	Jul 19, 4101 BCE – May 2, 2004 BCE	4100 BCE – 2000 BCE	Founded on solstice cycle
Ancient Egypt (Old Kingdom)	Nov 3, 2685 BCE – Jul 1, 2181 BCE	2686 BCE – 2181 BCE	Pyramids; Sirius rising used
Indus Valley	Sep 14, 3301 BCE – Jan 21, 1300 BCE	3300 BCE – 1300 BCE	Solar-lunar synchronization
Minoan	Mar 7, 3100 BCE – Apr 22, 1100 BCE	3100 BCE – 1100 BCE	Eruption of Thera as endpoint
Mycenaean	Oct 25, 1601 BCE – Aug 14, 1100 BCE	1600 BCE – 1100 BCE	Collapse tied to lunar eclipse
Shang Dynasty (China)	Feb 16, 1601 BCE – Mar 8, 1046 BCE	1600 BCE – 1046 BCE	Bronze Age, solar calendar refinements
Olmeecs	Jun 12, 1500 BCE – Oct 4, 400 BCE	1500 BCE – 400 BCE	Mesoamerican Long Count precursors
Maya Civilization	Aug 11, 3114 BCE – Jul 24, 1697 CE	2000 BCE – 1697 CE	Maya Long Count calendar

Aztec	Apr 5, 1345 CE – Aug 13, 1521 CE	1345 CE – 1521 CE	Fall of Tenochtitlan to Spanish
Inca	May 1, 1438 CE – Nov 16, 1533 CE	1438 CE – 1533 CE	Solar eclipse markers at Cusco
Classical Greece	Jun 21, 776 BCE – May 9, 323 BCE	776 BCE – 323 BCE	Olympiad system, solstice anchor
Roman Republic & Empire	Sep 13, 509 BCE – May 29, 476 CE	509 BCE – 476 CE	Fall of Rome aligns with lunar eclipse
Byzantine Empire	May 11, 330 CE – May 29, 1453 CE	330 CE – 1453 CE	Ends with fall of Constantinople
Islamic Golden Age	Jul 16, 622 CE – Jan 1, 1258 CE	622 CE – 1258 CE	Hijra as lunar anchor, Mongol sack of Baghdad
Medieval Europe	Dec 25, 800 CE – Oct 31, 1517 CE	800 CE – 1517 CE	Charlemagne crowned to Luther's theses
Mongol Empire	Apr 15, 1206 CE – Aug 26, 1368 CE	1206 CE – 1368 CE	Yuan dynasty fall, comet of 1368
Renaissance Europe	Jan 1, 1400 CE – Oct 31, 1600 CE	1400 CE – 1600 CE	Florence cycle, Gregorian reform
Ottoman Empire	Jul 27, 1299 CE – Nov 1, 1922 CE	1299 CE – 1922 CE	Overthrown after WWI
Colonial Era / Age of Exploration	Aug 3, 1492 CE – Jul 4, 1776 CE	1492 CE – 1776 CE	Anchored by Columbus voyage
United States (Birth)	Jun 22, 1776 CE – Present	Jul 4, 1776 CE – Present	Declaration recalibrated by Antikythera
Modern Industrial Age	Jan 1, 1760 CE – Dec 31, 1945 CE	1760 CE – 1945 CE	Industrial Revolution to WWII
Contemporary Global Civilization	Jan 1, 1946 CE – Present	1946 CE – Present	Atomic age to space age onward