

David 3: c. 1015 BC *Chronological Order of Creation, Psalms 104.*

Reference:	Psalms 104:1-35
When/Where Recorded:	1015 BC – Toward the end of David’s life.
Speaker:	David
Context:	Praising God’s great creation designed to sustain life.
Comment/distinction:	Extreme correlation with modern science chronology. A chronology of all existence starting with the pre-universe existence of God then the first light of creation through human existence in eternity future with God.

Highlights:

A chronology of all existence from the first light of creation to human existence in eternity future. This account mentions the following events and phenomena:

Beginning of light, spreading of cosmos, placements of planets, water in outer space, molten mantle covered early planet earth, filling of the oceans, ocean covered earth, emergence of the continents, isostasy, mountain building, hydrologic cycle, habitable atmosphere, long period of sustained ecology, food chain, circadian cycle, sustained ecology era, era of sea life, era of megafauna, another sustained ecology era, great flood, mass extinction(s), restoration after mass extinction, cycle of extinction and renewal, end of time, judgment, human existence in eternity future, plus much more detail.

All these details, excluding future events, have now been independently discovered in modern times by modern science to have occurred in the same order.

A Creation Account from Ancient Scripture:

¹*Bless the LORD, O my soul.*

O LORD my God,

Thou art very great;

thou art clothed with honour and majesty.

²*Who coverest [thyself] with light as [with] a garment:*

who stretchest out the heavens like a curtain:

³*Who constructs his chambers of heaven (planets) in the waters [of outer space]:*

Who set up the dark clouds (extraterrestrial water?) to be his [water] conveyors:

Who carries [water] upon the far reaches of the winds (winds of heaven: Solar Winds)

⁴*Who maketh his messengers winds [of heaven];*

his servants a flaming fire:

⁵*[Who] laid the foundations of the continents, (liquid mantle)*

[that] it (continents) should not be removed for ever.

⁶*Thou coveredst it (mantle) with the ocean as [with] a garment:*

the waters stood above the mountains.

⁷*At thy rebuke they fled;*

at the voice of thy thunder they hasted away.

⁸*The mountains go up, the valleys go down*

unto the place which thou hast founded for them (where they are in equilibrium).

- ⁹*Thou hast set a bound that they (the oceans) may not pass over;
that they (the oceans) turn not again to cover the earth.*
- ¹⁰*He sendeth the springs into the valleys,
[which] run among the hills.*
- ¹¹*They give drink to every beast of the field:
the wild asses quench their thirst.*
- ¹²*By them shall the fowls of the heaven have their habitation,
[which] sing among the branches.*
- ¹³*He watereth the hills from his chambers:
the earth is satisfied with the fruit of thy works.*
- ¹⁴*He causeth the grass to grow for the cattle, and herb for the service of man:
that he may bring forth food out of the earth;*
- ¹⁵*And wine [that] maketh glad the heart of man,
[and] oil to make [his] face to shine,
and bread [which] strengtheneth man's heart.*
- ¹⁶*The trees of the LORD are full [of sap];
the cedars of Lebanon,
which he hath planted;*
- ¹⁷*Where the birds make their nests:
[as for] the stork, the fir trees [are] her house.*
- ¹⁸*The high hills [are] a refuge for the wild goats;
[and] the rocks for the conies.*
- ¹⁹*He appointed the moon for seasons:
the sun knoweth his going down.*
- ²⁰*Thou makest darkness,
and it is night:
wherein all the beasts of the forest do creep [forth].*
- ²¹*The young lions roar after their prey,
and seek their meat from God.*
- ²²*The sun ariseth,
they gather themselves together,
and lay them down in their dens.*
- ²³*Man goeth forth unto his work
and to his labour until the evening.*
- ²⁴*O LORD, how manifold are thy works!
in wisdom hast thou made them all:
the earth is full of thy riches.*
- ²⁵*[So is] this great and wide sea,
wherein [are] things creeping innumerable,
both small and great beasts.*
- ²⁶*There go the ships: [there is] that leviathan,
[whom] thou hast made to play therein.*
- ²⁷*These wait all upon thee;
that thou mayest give [them] their meat in due season.*
- ²⁸*[That] thou givest them they gather:
thou openest thine hand, they are filled with good.*

- ²⁹*Thou hidest thy face,
they are troubled:
Thou takest away their breath,
they die, and return to their dust.*
- ³⁰*Thou sendest forth thy spirit,
they are created:
And thou renewest the face of the earth.*
- ³¹*The glory of the LORD shall endure for ever:
the LORD shall rejoice in his works.*
- ³²*He looketh on the earth,
and it trembleth:
He toucheth the hills,
and they smoke.*
- ³³*I will sing unto the LORD as long as I live:
I will sing praise to my God while I have my being.*
- ³⁴*My meditation of him shall be sweet: I will be glad in the LORD.*
- ³⁵*Let the sinners be consumed out of the earth,
and let the wicked be no more.
Bless thou the LORD, O my soul.
Praise ye the LORD.*

David, c. 1015 BC, Creation Account: *Chronological Order of Creation, The Bible: Psalms 104*

In most modern English translations, verses 3 and 4 are obscured by translation. The event order—being sandwiched between the setting up of the cosmos and the construction of the earth—one would expect to find details of setting up the solar system. Modern science has recently discovered that planets are formed in space that has abundant water. These verses appear to have originally been a description of a hydrologic cycle in the outer space of our solar system. This is the cycle where extraterrestrial water falls in toward the sun from the outer reaches of the solar system, then disintegrates from the heat of the sun and the elements are blown back out to the outer reaches of the solar system by the solar winds. Possibly the function of the other planets of this solar system is to control or moderate the quantity of water on earth. See *Musing on the Water of Mars*.¹⁷⁷

This thing described as the winds of heaven, his messengers, or his servants, apparently have the property of being able to glow as is seen in the case of the tail of a comet which is simply the solar wind blowing water off a comet towards the outer reaches of the solar system. Therefore, it is highly likely that it is in fact the solar winds that are being described.

Therefore, they are alternately translated:

- ^{3a} *Who constructs his chambers of heaven (planets) in the waters [of outer space]:
Who set up the dark clouds (extraterrestrial water?) to be his [water] conveyors:
Who carries [water] upon the far reaches of the winds [winds of heaven] (Solar Winds.)*
- ^{4a} *Who maketh his messengers winds [of heaven]; his servants a flaming fire:*

¹⁷⁷ Frederick, Max, 2004, "The Musing on the Water of Mars," in, *The Simple Truth, Musings of an Old Scientist, Volume I: Hermeneutics: How to Study the Bible to Find the Simple Truth*, Max Frederick, Publishing, Central Point, Oregon.

Contribution to Whole Bible Combined Chronology/Detail:

Verse	Detail Nr.	Detail Description
	1.0.	Eon of Eternity Past
	1.0.0	Eternity Past Existed
1b	1.0.0..3	Something (God) existed in the absence of the universe [Intelligence, Wisdom, and Power]
	1.1.0	Conditions Were Set Up to Start Universe
2a	1.1.0..1	That Something (God) caused the Universe [Everything] to come into existence
	2.0.	Eon of Early Development
	2.1.	The Universe Formed - <i>The Heavens</i>
2b	2.1.0..3.	Light was one of the first things to come into existence (Light existed from the "beginning")
2b	2.1.0..3.1.	Light had a beginning. It has not existed forever.
	2.2.	The Expansion of the Universe
2c	2.2.1	Then there was the expansion of the universe.
2d	2.2.2..	Then water became abundant in outer space
2d	2.2.3..	Then stars came into existence
2d	2.2.4..	Then the Sun came into existence
	2.3.	The Development of the Solar System - <i>The Chambers of the South</i>
3a	2.3.1.	Then the solar system developed
3a	2.3.1..1.	The earth and other planets developed.
3a	2.3.1..2.	The planets are chambers for storage of water to moderate the cycle
3b	2.3.1..3.	Water had accumulated in solar system
3c	2.3.2.	Then hydrologic cycle (water cycle) developed in outer space of the solar system.
3d	2.3.2..3.	Water carried in by small comets
3e	2.3.2..4.	Solar winds existed in solar system
3e,4a	2.3.2..4.1.	Water carried out by solar winds.
4b	2.3.2..4.2.	Visible glow is a characteristic of solar winds
	2.4.	The Development of the Planet Earth
5a	2.4.1..	Then planet earth developed with molten magma surface (mantle.)
5b	2.4.1..1	Mantle Planned to support the earth (continents.)
5b	2.4.1..2	Mantle Engineered to support the earth (continents)
5b	2.4.1..3	Molten mantle develops, to support the earth (continents) (the "molten support" (pillars))
5b	2.4.1..4	Solidified Mantle is to become the ocean floor
5b	2.4.1..5	Held in place by gravity/density (floatation)
	2.6.	The Development of the Oceans - <i>The Deep</i>
6a	2.6.2..	Then the earth was covered by the oceans,
6a	2.6.2..1.	Solidified mantle became ocean floor
6b	2.6.2..4.	No continents existed at this time.
	3.0.	Eon of Preparation For Complex Life / Ecology - <i>The World</i>
	3.1.	The Emergence of the Continents - <i>The Earth (Land)</i>
7a,7c	3.1.1.	Then catastrophic event(s) occurred (Mantle overturn event(s))
7b,7d	3.1.2..	Then Continents began to emerge
8a	3.1.5..1	Mountains rose supported by floating on molten mantle (Isostatic Rebound)
8b	3.1.5..2.	Valleys fell
8c	3.1.5..3	Isostatic balance developed
	3.2.	Cycles of Nature Established as the Basis of Enduring Ecology
9a	3.2.0..1	Then An era of equilibrium followed continent gathering and mountain building
	3.2.1.	Lithologic Cycle - Periodic Mountain Building and Eroding
9b	3.2.1..1	Established continent maintaining mechanism (Lithologic Cycle)
	3.2.2.	Hydrologic Cycle - Evaporation/Condensation Transportation of Water
10	3.2.2.	Then The hydrologic cycle developed.
11,12	3.2.2..2	Hydrologic Cycle for purpose of sustaining life
13a	3.2.2..3	Sustained by water from the chambers. (incoming cosmic water)
13a	3.2.2..4	Hydrologic Cycle maintained for Future Time
13b	3.2.2..2.	Earth ready for life to begin,
14a	3.2.3.	Then Life begins on earth

Contribution to Whole Bible Combined Chronology/Detail: (continued)

Verse	Detail Nr.	Detail Description
	3.2.4.	Carbon Dioxide/Hydrocarbon Cycle—Food chain
14b,14d	3.2.4..1	Photosynthesis (Carbon Dioxide/Hydrocarbon cycle) developed
14c,14e	3.2.4..2	Photosynthesis becomes the basis of the food chain
14f	3.2.4..4	Food Chain begins
15	3.2.4..4.1	Ultimate purpose of food chain is for sustaining human life.
	3.2.5.	Reproduction Cycle—Biogenesis
16,17,18	3.2.5..1	Then Life became abundant on earth
16	3.2.5..1.1.	Plant biogenesis developed
17,18	3.2.5..1.2.	Animal biogenesis developed
19-23	3.2.6.	Chronobiology Cycles—Chronobiology Rhythms
19a	3.2.6..1.	Lunar Cycle for Seasons
19b-23	3.2.6..2.	Circadian/Annual Cycles (Day/Night/Seasonal Patterns of Life Forms)
21	3.2.7.	Food chain (Carbon Dioxide/Hydrocarbon cycle) fully developed
	4.0.	Eon of Complex Life Forms
	4.1.	Peak of Habitability Sustained Ecology of Global Warming
24-28	4.1.1.	Era of sustained ecology.
25a	4.1.1..1.	The sea swarms with living creatures.
(16)	4.1.2.	Then Plants with seeds developed.
25b	4.1.3.	Era of Megafauna (Monsters)
26	4.1.3..3.	Sea monsters (Leviathan) thrive
(17)	4.1.3..4.	First birds developed
27,28	4.1.3..6.	Ecology continues
	4.2.	Major Mass Extinction (Cretaceous/Cenozoic Boundary Event)
29	4.2.1.	Major Mass extinction (Mantle turnover event Lithologic Cycle Turnover with extinction)
29a	4.2.1..3.	Darkness (debris in atmosphere)
29b	4.2.1..4.	Breakup of continents (Mantle overturn event?)
29c	4.2.1..5.	Great flood (<i>breath taken away</i>)
29d	4.2.1..6.	Extinction (death/dust)
	4.3.	Ecology Restored, less Global Warming, Rise of Mammals
	4.3.1.	Restoration of ecology - <i>Renewest the face of the earth</i>
30a	4.3.1..1.	New life forms Cycle Of Extinction & Renewal (Punctuated Equilibrium).
30b	4.3.1..2.	Spread over continents The far past of recent life.
31a	4.3.2.	Era of sustained (renewed) ecology.
(18)	4.3.2..1.	Mammals appear
31b	4.3.2..6.	Punctuated Equilibrium Continues
	4.4.	Another Mass Extinction (Miocene/Pliocene Boundary Event)
	4.4.1.	End of Tropical Ecology - <i>End of Garden of Eden</i>
32a	4.4.1..1.	Destruction of Habitat/Ecology event
32b	4.4.1..2.	Tectonic motion event
32c	4.4.1..3.	Volcanism event
	4.5.	Ecology Restored, Global Cooling
33a	4.5.1.	Era of restored ecology (Long time passes.)
33b	4.5.2..2.	Long Time Passes. Pleistocene
34	4.8.1..	Beginning times/Current Era Boundary
	4.9.	End of Era of Complex Life Forms Event
35a	4.9.1..2	A Future Mass Extinction – Great and Terrible Day of the Lord.
	5.0.	Eon of Eternity Future
35b	5.0.0.1.	Judgment
35c	5.0.0.4.	Human Existence In Eternity Future.
35d	5.0.0.5.	God Existence In Eternity Future.

Insight and Deeper Study:

Verse-by-Verse Commentary by The Old Scientist

^{1a} *Bless the LORD, O my soul. O LORD my God, Thou art very great;
thou art clothed with honour and majesty.*

God existed before light/Eternity Past

The Cosmos.

^{2a} *Who coverest [thyself]*

God was the cause of light (the universe) coming into existence/Pre-Hadean

^{2b} *with light as [with] a garment:*

Light was one of the first things to come into existence/Pre-Hadean

Light had a beginning. It has not existed forever/Pre-Hadean

^{2c} *who stretchest out*

Then there was the expansion of the universe/Pre-Hadean

^{2d} *the heavens (cosmos) like a curtain:*

The heavens (including water as implied by the mention in next verse, and that which is seen: the sun and stars) came into existence after the light and expansion.

Water was abundant in outer space/Pre-Hadean

The stars came into existence/Pre-Hadean

The Sun came into existence/Pre-Hadean

The Water in The Cosmos.

^{3a} *Who constructs his chambers of heaven (planets)*

Then the solar system developed/Hadean

The earth and other planets developed/Hadean

The planets are chambers for storage of water to moderate the cycle/Hadean

^{3b} *in the waters [of outer space]:*

Water had accumulated in solar system/Hadean

^{3c} *who set up the dark clouds (extraterrestrial water?)*

Hydrologic cycle (water cycle) developed in outer space of the solar system/Hadean

^{3d} *to be his [water] conveyors:*

Extraterrestrial water carried in /Hadean

^{3e} *who carries [water]*

Water carried out by solar winds. /Hadean

^{3f} *upon the far reaches of the winds [winds of heaven] (Solar Winds)*

Solar winds existed in solar system/Hadean

^{4a} *Who maketh his messengers winds [of heaven];*

Solar winds are used to transport water/Hadean

^{4b} *his servants a flaming fire:*

Visible glow is a characteristic of solar winds/Hadean

(as in the tail of a comet as water is blown off away from the sun.)

The Foundation of the Continents (Mantle.) (Beginning of the Geologic Column)

^{5a} *[Who] laid the foundations of the continents, (liquid mantle)*

Then planet earth developed molten magma surface (mantle.) /Hadean

^{5b} *[that] it (continents) should not be removed for ever.*

Mantle (molten support or pillars) Designed to support the continents. /Hadean

Mantle Engineered to support the continents (earth) develops/Hadean
Solidified Mantle is to become the ocean floor/Hadean
Held in place by gravity/density (flotation) /Hadean

The Development of the Early Ocean

^{6a} *Thou coveredst it (mantle) with the ocean as [with] a garment:*

After that, the planet earth was covered by the oceans/Hadean
Solidified mantle became ocean floor/Hadean

^{6b} *the waters stood above the mountains.*

No continents existed/Hadean

The Emergence of the Continents

^{7a} *At thy rebuke*

Then catastrophic event(s) occurred (Mantle overturn event(s)) /Archaean

^{7b} *they(the waters) fled;*

Continents began to emerge/Archaean

^{7c} *at the voice of thy thunder*

Then catastrophic event(s) occurred (Mantle overturn event(s)) /Archaean

^{7d} *they(the waters) hasted away.*

Continents began to emerge/Archaean

^{8a} *The mountains go up,*

Mountains rose supported by floating on molten mantle (Isostatic Rebound) /Archaean

^{8b} *the valleys go down*

Valleys fell in Isostatic balance/Archaean

^{8c} *unto the place which thou hast founded for them (where they are in equilibrium).*

Isostatic balance developed/Archaean

The Mechanism Established to Maintain Continents

^{9a} *Thou hast set a bound that they (the oceans) may not pass over;*

An era of equilibrium followed continent gathering and mountain building/Archaean

^{9b} *that they (the oceans) turn not again to cover the earth.*

Established continent maintaining mechanism (Lithologic Cycle) /Archaean

The Hydrologic Cycle on Earth.

¹⁰ *He sendeth the springs into the valleys,
[which] run among the hills.*

The hydrologic cycle established. /Archaean

¹¹ *They give drink to every beast of the field:
the wild asses quench their thirst.*

Hydrologic Cycle for purpose of sustaining life/Archaean

¹² *By them shall the fowls of the heaven have their habitation,
[which] sing among the branches.*

Hydrologic Cycle for purpose of sustaining life/Archaean

^{13a} *He watereth the hills from his chambers of heaven:*

Sustained by water from his chambers. (incoming cosmic water) /Archaean

Maintains Hydrologic Cycle for Future Time/Archaean

^{13b} *the earth is satisfied with the fruit of thy works.*

Earth ready for life to begin, /Archaean

The Food Chain.

^{14a} *He causeth*

Life begins on earth/Proterozoic

^{14b} *the grass*

Photosynthesis (Carbon Dioxide/Hydrocarbon cycle) developed/Proterozoic

^{14c} *to grow for the cattle,*

Photosynthesis becomes the basis of the food chain/Proterozoic

^{14d} *and herb*

Photosynthesis (Carbon Dioxide/Hydrocarbon cycle) developed/Proterozoic

^{14e} *for the service of man:*

Photosynthesis becomes the basis of the food chain/Proterozoic

^{14f} *that he may bring forth food out of the earth;*

Food Chain begins Based on Photosynthesis/Proterozoic

¹⁵ *And wine [that] maketh glad the heart of man,*

[and] oil to make [his] face to shine,

and bread [which] strengtheneth man's heart.

Ultimate purpose of food chain is for sustaining human life. /Proterozoic

The Ecology.

¹⁶ *The trees of the LORD are full [of sap];*

the cedars of Lebanon,

which he hath planted;

Life became abundant on earth/Cambrian

Plant biogenesis developed/Cambrian

Plants with seeds developed. /Devonian

¹⁷ *Where the birds make their nests:*

[as for] the stork, the fir trees [are] her house.

Life became abundant on earth/Cambrian

Animal biogenesis developed/Cambrian

First birds developed/Jurassic

¹⁸ *The high hills [are] a refuge for the wild goats;*

[and] the rocks for the conies.

Life became abundant on earth/Cambrian

Animal biogenesis developed/Cambrian

Mammals appear/Paleocene

The Rhythms of Life.

^{19a} *He appointed the moon for seasons:*

Lunar Cycle for Seasons/Cambrian

^{19b} *the sun knoweth his going down.*

Circadian Cycle Day/Night Patterns of Life Forms/Cambrian

²⁰ *Thou makest darkness,*

and it is night:

wherein all the beasts of the forest do creep [forth].

Circadian Cycle Day/Night Patterns of Life Forms/Cambrian

²¹ *The young lions roar after their prey,*

and seek their meat from God.

Food chain (Carbon Dioxide/Hydrocarbon cycle) fully developed/Paleocene

²²*The sun ariseth,
they gather themselves together,
and lay them down in their dens.*

Circadian Cycle Day/Night Patterns of Life Forms/Cambrian

²³*Man goeth forth unto his work
and to his labour until the evening.*

Circadian Cycle Day/Night Patterns of Life Forms/Miocene

The Eon of Complex Life Forms.

²⁴*O LORD, how manifold are thy works!
in wisdom hast thou made them all:
the earth is full of thy riches.*

Era of sustained ecology/Paleozoic

²⁵*[So is] this great and wide sea,
wherein [are] things creeping innumerable,
both small and great beasts.*

The sea swarms with living creatures. /Ordovician

²⁶*There go the ships: [there is] that leviathan,
[whom] thou hast made to play therein.*

Era of Megafauna (Monsters) /Jurassic
Sea monsters (Leviathan) thrive/Jurassic

²⁷*These wait all upon thee;
that thou mayest give [them] their meat in due season.*

Ecology continues/Mesozoic

²⁸*[That] thou givest them they gather:
thou openest thine hand, they are filled with good.*

Ecology continues/Mesozoic

**Major Mass Extinction.
Event**

Cretaceous/Cenozoic (Kt) Boundary

^{29a}*Thou hidest thy face,*

Darkness (debris in atmosphere) /Cretaceous

^{29b}*they are troubled:*

Breakup of continents (Mantle overturn event?) /Cretaceous

^{29c}*Thou takest away their breath,*

Great flood or other suffocating event (breath taken away) /Cretaceous

^{29d}*they die, and return to their dust.*

Extinction (death/dust) /Cretaceous

Ecology Restored.

^{30a}*Thou sendest forth thy spirit,*

Restoration of ecology/Paleogene

^{30b}*they are created:*

New life forms Cycle Of Extinction & Renewal (Punctuated Equilibrium). /Paleogene

^{30c}*And thou renewest the face of the earth.*

Spread over continents The far past of recent life. /Paleogene

Era of Sustained Ecology.

^{31a}*The glory of the LORD shall endure for ever:*

	Era of sustained (renewed) ecology. /Paleogene
^{31b} <i>the LORD shall rejoice in his works.</i>	
Another Mass Extinction.	Punctuated Equilibrium Continues/Miocene
Event	Miocene/Pliocene Boundary
^{32a} <i>He looketh on the earth,</i>	
^{32b} <i>and it trembleth:</i>	Destruction of Habitat/Ecology event/Miocene-Pliocene
^{32c} <i>He toucheth the hills, and they smoke.</i>	Tectonic motion event/Miocene-Pliocene
	Volcanism event/Miocene-Pliocene
Ecology Restored.	
^{33a} <i>I will sing unto the LORD as long as I live:</i>	Era of restored ecology (Long time passes.) /Pliocene
^{33b} <i>I will sing praise to my God while I have my being.</i>	Long Time Passes. () Pleistocene
³⁴ <i>My meditation of him shall be sweet: I will be glad in the LORD.</i>	Era of restored ecology Proliferation of civilization after near extinction/Holocene
Another Mass Extinction	Holocene/Eternity Future Boundary
Event	
^{35a} <i>Let the sinners be consumed out of the earth,</i>	A Future Mass Extinction – Great and Terrible Day of the Lord/Phanerozoic Future
^{35b} <i>and let the wicked be no more.</i>	Secret iniquities revealed (Judgment Day)/Eternity Future
Ecology Restored.	
^{35c} <i>Bless thou the LORD, O my soul.</i>	Human existence in eternity future/Eternity Future
^{35d} <i>Praise ye the LORD.</i>	God Existence In Eternity Future/Eternity Future

Summary of Science Related Points of Detail in this Account:

This summary indicates an extreme correlation of independently discovered modern science chronology with the original ancient scripture verse order. Note that when ordered by verse, the chronology of Modern Science Era Designations is in correct order accordance with modern science.

Chronology Detail List:

Verse:	Point of Detail:	Correlates with Modern Science Era Designation:
	Eon of Eternity Past.	
1a	God existed before light	Eternity Past
	The Cosmos.	
2a	God was the cause of light (the universe) coming into existence	Pre-Hadean
2b	Light was one of the first things to come into existence	Pre-Hadean
2b	Light had a beginning. It has not existed forever	Pre-Hadean