# THE GREAT PYRAMID AND THE BIBLE 

FROM THE BEGINNING TO THE END OF THE WORLD

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Figure 1. Pyramid's entrance axis (B)
The Pyramid's entrance axis ( $\mathbf{B}$ ) is turned east from the main north- south axis (D-E) by 286,4690182 inches: Lord Jesus Christ was born on 25 December 4 BC: every year on the 25 of December of the Julian calendar ( 7 January Gregorian cal.) Sun is away (Sun's longitude) from the Galactic meridian by $\mathbf{2 8 6 , 4 6 9 0 1 8 2}{ }^{\circ}$.

## POSITION OF THE GREAT PYRAMID



Figure 2. The Great Pyramid with inner section

Location: Giza, Egypt
Latitude: $29^{\circ} 58^{\prime} 51^{\prime \prime} \mathrm{N}$
Longitude: $31^{\circ} 08^{\prime} 08^{\prime \prime} \mathrm{E}$
Original base-side socket-length: 365,242 Sacred Cubits (SC) = 9.13105 inches $=231,92867$ meters.

Original height: 5.813,011885 inches $=147,6505019$ meters.
The time of the building: $3.965,5 \mathrm{BC}$

## A THOUSAND YEARS ARE LIKE A DAY

"God sow all that he had made, and it is was very good, and there was morning - the sixth day" (Gen. 1, 31)
"But do not forget this one thing, dear friends: With the Lord a day is like a thousand years, and thousand years are like a day." (2. Pet. 3, 8)

One day of the Biblical Creation corresponds to 1.000 years on the base of the Great Pyramid.

## THE CODE OF THE GREAT PYRAMID

( 1 Sacred Cubits $\times 63,5 \mathrm{~cm}$ ) $\times 31.798,06102 \mathrm{~cm}=\mathbf{2 . 0 1 9 . 1 7 6 , 8 7 5}$ $\mathbf{c m}=\mathbf{2 0 , 1 9 1 7 6 8 7 5}$ kilometers $(\mathrm{km})=\mathbf{2 0 , 1 9 1 7 6 8 7 5}$ years.

## $31.798,06102 \mathrm{~cm}=40.000$-th part of the Earth's Diameter N-S

The base of the Great Pyramid is 365,242 Sacred Cubits (SC) long: $(365,242 \times 63,5) \times 31.798,06102=\mathbf{7 . 3 7 4 , 8 8 2}$ years from the beginning of the Creation to the Great Flood.

The height of the Pyramid is $232,5204754 \mathrm{SC}=\mathbf{4 . 6 9 4 , 9 9 9 6 6 8}$ years from the Great Flood to the end of the world.

When the base of the Pyramid and its height are added togheter, we get the total of $597,7624754 \mathrm{SC}=\mathbf{1 2 . 0 6 9 , 8 8 1 6 7}$ years from the beginning of the Creation to the end of the world.

The example where time calculated by using the measurement of length is the Louvre glass pyramid (Paris, France). Completed in 1989 in honour of 200 years of the beginning of the French Revolution: 14 July 1789 AD $=1.788,537$ years from the Christian $\mathrm{era}=88,5775299 \mathrm{SC}=5.624,673149 \mathrm{~cm}=184,5365206$ feet $=$ the sum of the base and the height of the Louvre glass pyramid.

## MEASURING TIME BY MEASURE OF LENGTH

"The span of my years is nothing before you." (Psalm 39, 5)
Time can be shown in the measurements of length and volume. The Bible and the Great Pyramid lead us to these measurements.

On the architect plan of Washington DC (capital city of USA) it is possible to see an example where time calculated by using the measurement of length (Figure 3).


Figure 3. Washington DC

$$
\begin{aligned}
\mathbf{A B} & =10,01096596 \text { miles }=16,111088 \mathrm{~km}=1.611 .108,8 \mathrm{~cm}= \\
& =\mathbf{B C}=\mathbf{C D}
\end{aligned}
$$

The city is named after the first president of USA G. Washington, who was elected on the 30 April 1789 year of Gregorian calendar.

From the beginning of the Christian era to that certain day is $1.788,330768$ years $=653.173,5063$ days:
$1.611 .108,8: 653.173,5063=\mathbf{2 , 4 6 6 5 8 6 2 6 6} \mathbf{c m}=\mathbf{1}$ day
$\mathbf{D E}=8,352124494$ miles $=13,44144144 \mathrm{~km}=1,344,144,144 \mathrm{~cm}$ $=544.941,064$ days $=1492$ years: that year C. Columbus discovered this continent. In his honor that district is named District of Columbia.
"The span of my years is nothing before you." (Psalm 39, 5)
Here we will also measure the exact length of Biblical span by using the length of tropical year ( 365,242 days) and those 40 days mentioned in the Bible often:

$$
365,242: 40=9,13105 \text { days }
$$

1 day $=2,466586266 \mathrm{~cm}$ :
9,14159 $\times 2,466586266=\mathbf{2 2 , 5 2 2 5 2 5 2} \mathbf{~ c m}=$ Biblical span (English spans $=22,86 \mathrm{~cm}$ ).

## MEASURING TIME BY VOLUME

1 day $=2,466586266 \mathrm{~cm}$
$2,466586266^{3}=15,00682876 \mathrm{~cm}^{3}$ (cubic centimeters) $=$ $=0,015006828$ liters $=1$ day
$\mathbf{3 6 5 , 2 4 2}$ days (one year) $=\mathbf{5 , 4 8 1 1 2 3 8 7 2}$ liters
$12.069,88167$ years $=\mathbf{4 . 4 0 8 . 4 2 7 , 7 2 1}$ days $=\mathbf{6 6 . 1 5 6}, 51656$ liters.

The proof from the Bible:
" All this, "David said," I have in writing from the hand of the Lord upon me, and he gave me understanding in all the details of the plan." (1.Chron. 28, 19)

And so, Solomon made everything by using the God's plan: temple and all things for the temple. He made the bronze Sea:
" It held 3.000 baths." (2.Chron. 4, 2-6)
66.156,51656 : $\mathbf{3 . 0 0 0}=\mathbf{2 2 , 0 5 2 1 7 2 1 9}$ liters $=1$ bath $=1$ ephah

This means that the Great Pyramid and Solomon's Sea mark and indicate same measurement of time: $\mathbf{1 2 . 0 6 9 , 8 8 1 6 7}$ years.

## EXAMINING THE PRECISION OF THE MEASUREMENTS

In order to check the correctness of these mentioned measures, we can use the key of the Great Pyramid. That key ids the axis of the entrance of the Pyramid and Coffer of the King's Chamber.


Figure 4. The Coffer of King's Chamber
The entrance axis is turned east from the main north-south axis by 286,4690182 inches, and the Coffer of the King's Chamber has an external volume of $\mathbf{2 . 3 3 5 , 2 2 1 6 8 1}$ liters.

$$
\begin{aligned}
& 2.335,221681 \text { liters }=155.610,6114 \text { days }=\mathbf{4 2 6}, \mathbf{0 4 7 9 6 6 6} \text { years } \\
& 155.610,6114 \text { days }=383.826,997 \mathrm{~cm}=151.112,9909 \text { inches } \\
& 151.112,9909: \mathbf{2 8 6 , 4 6 9 0 1 8 2}=527,5020381 \text { inches }=21,10008152 \\
& \mathrm{SC}=\mathbf{4 2 6 , 0 4 7 9 6 6 6} \text { years. }
\end{aligned}
$$



Figure 5. The Entrance axis and Pyramid's axis
On Earth everything is measured in gold. Gold is used in checking all measurements.

1 ephah = 22,05217219
22,05217219 years $=8.054,379475$ days $=120,8706874$ liters Specific gravity of gold is $19,32 \mathrm{~g} / \mathrm{cm}^{3}$ :
$120,8706874 \times 19,32=2.335,221681 \mathrm{~kg}$.

- 22,05217219 liters of gold weight $426,0479667 \mathrm{~kg}$
$\cdot 2.335,221681 \times 19,32=45.116,48288 \mathrm{~kg}$
- 45.116,48288: 426,0479667 = 105,8953132 kg
$\mathbf{1 0 5 , 8 9 5 3 1 3 2} \mathbf{k g}=\mathbf{5 , 4 8 1 1 2 3 8 7 2}$ liters $=\mathbf{1}$ year
Figure 5: A1-A5 = 1.162,602377 inches
A1-A2 = 681 inches "
$\mathbf{A 1 - A 4}=840,5492553$ "


## AND A MAN BECAME A LIVING BEING



Figure 6. The Creation of Adam

$$
\boldsymbol{\alpha}=26,3026897^{\circ}
$$

$\mathbf{A B}=\mathbf{A D}=6.378,501679 \mathrm{~km}=$ Earth's equatorial radius.
$\mathbf{A C}=\mathbf{A E}=\mathbf{A F}=\mathbf{A G}=\mathbf{5 . 7 1 8 , 1 0 7 5 2} \mathbf{k m}=$ the number of years from the beginning of the Creation to the time when Adam was created.

According to the Great Pyramid Adam was created after 5.718,10752 years from the beginning of the Creation $=\mathbf{5 , 1 7 8 1 0 7 5 2}$ days of the Biblical days of the Creation.

## FROM ADAM TO THE GREAT FLOOD

From the end of the sixth day of the Creation to the Great Flood here are the years from Adam to the new borns and Noah: Adam: $5.718(+\mathbf{1 3 0})=$ Seth: $5.848(+\mathbf{1 0 5})=$ Enosh: $5.953(+90)=$
$=$ Kenan: $6.043(+70)=$ Mahalalel: $6.113(+65)=$ Jared: $6.178(+\mathbf{1 6 2})$
= Enoch: $6.340(+65)=$ Methuselah: $6.405(+\mathbf{1 8 7})=$ Lamech: 6.592
$(+\mathbf{1 8 2})=$ Noah: 6.774 years from the beginning of the Creation $=$ Noah was born 1.056 years from Adam or from the end of the sixth day of the Creation.
" In the six hundredth year of Noah's life, on the seventeenth day of the second month - on that day all the springs of the great deep burst forth, and the floodgates of the havens were opened. And rain fell on the earth forty days and forty nights." (Gen. 7, 11-12)

Noah was born 1.056 years from Adam:

$$
1056+600=1656 \text { years from Adam to the Great Flood. }
$$

According to the Great Pyramid Adam was created after 5.718,10752 years from the beginning of the Creation:
$5.718,10752+1656=7.374$ years from the beginning of the Creation.
The time of the Creation started at 1 September (the Ecclesiastical New Year). Seventeenth day of the second month is 17 October 7.375 -th year from the beginning of the Creation $=\mathbf{7 . 3 7 4 , 1 2 9}$ years from the Beginning $=\mathbf{1 6 5 6}, \mathbf{1 2 9}$ years from the end of the sixth day of the Creation $=\mathbf{2 6 2 6}, \mathbf{2 1} \mathbf{B C}$.

## CHRONOLOGY OF THE GREAT FLOOD

- Start of the Flood: 17-th day of the 2-nd month 7.375-th year (1657th year from the end of the sixth day of the Creation, $\mathbf{2 6 2 6 , 2 1}$ BC).
- Water raises for 150 days: 15 -th day of the 7 -th month of the year 7.375 (15 March 2626 BC).
- The Ark on Ararat: 17-th day of 7-th month (17 March $\mathbf{2 6 2 6}$ BC).
- Tops of mountains became visible: 1-th day of the 10-th month ( $\mathbf{1}$ June 2626 BC).
- Dove brings a branch of olive tree: 17 -th day of the 11 -th month of the year 7.375-th or 7.374,882 years from the Beginning (17 July 2626 BC).
- The dove did not return: 24-th day of the 11-th month (24 July 2626 BC)
- Earth became dry: 1-th day of the 1-th month of the year 7.376-th from the Beginning ( $\mathbf{1}$ September $\mathbf{2 6 2 6}$ BC).
- Noah goes on land: 27-th day of the 2-nd month (27 October 2626 BC).


## ADAM'S MONUMENT



Figure 7. Adam's monument: Cyclopean gable above the entrance.

From the beginning of the base to the spot $\mathbf{A}$ (Figure7) $=$ $283,1900262 \mathrm{SL}=5.718,10752$ years (5,71810752 days) from the beginning of the Creation to Adam.

$$
\begin{aligned}
\mathbf{A D} & =46,05837218 \mathrm{SC}=930 \text { years } \\
\mathbf{D} & =\text { Adam's death: } \mathbf{3 3 5 2} \mathbf{~ B C}
\end{aligned}
$$



Figure 8. Adam's monument is visible from the outside.
"When Adam had lived 130 years, he had a son in his own likeness, in his own image: and he named him Seth. After Seth was born, Adam lived 800 years and had other sons and daughters.

Altogether, Adam lived 930 years, and then died." (Gen. 5, 2)
Adam lived in the Garden of Eden 4 month: from the "1 September" to the "1 January". On the " 1 January" God banished him from the garden of Eden.

## THE GREAT PYRAMID'S PASSAGE



Figure 9. The Pyramid's passages

Angle of ascent (descent): 26,3026897${ }^{\circ}$
D = original Northern beginning of this passage.
Length in inches:
$\mathbf{M N}=645,524191$
$\mathbf{M L}=325$
$\mathbf{L K}=300,8641767$
$\mathbf{K G}=2.623,713715$
$\mathbf{G C}=397,4063394$
$\mathbf{C D}=1.046,661035$
Total: 5.339, 169457 inches
$5.339,169457$ inches $=213,5667783 \mathrm{SC}=4.312,291$ years from the end of Creation to the $\mathbf{1 5}$ April 31 AD: Resurrection of Jesus Christ.
$\mathbf{O H}=300,8641767$
$\mathbf{H G}=2.352,069161$
$\mathbf{G F}=1.377,73596$
$\mathbf{F P}=534,8556972$
Total: $4.565,525$ inches $=1 / 2$ of the base.

$$
\begin{aligned}
& \mathbf{H K}=1.162,602377 \\
& \mathbf{E F}=681 \\
& \mathbf{B C}=1.544,518229 \text { inches } \\
& \mathbf{A B}=1.812,213327
\end{aligned}
$$

## ENTRANCE PASSAGE



Figure 10. Entrance Passage
$\mathbf{C E}=1.139,446737$ inches
$\mathbf{C D}=1.046,661035$ "
$\mathbf{E D}=92,785702$ "

$$
\begin{aligned}
\mathbf{C D} & =1.046,661035 \text { inches } \\
\text { Width } & =41,21316378 \text { inches } \\
\text { Height } & =47,81833386 \text { inches }
\end{aligned}
$$

Volume of the Passage: $\mathbf{2 . 0 6 2}$. $\mathbf{7 0 1}, \mathbf{8 1 8}$ cubic inches.
From the end of the Creation to 2001,18 AD $=6.283$, 18 years $(2 \mathrm{x}$ 3.141,59):
$6.283,18-116,2602377=6.166,919762$ years $=2.252 .418,108$ days $=$ $=33.801,65113$ liters $=\mathbf{2} .062 .701,818$ cubic inches $=$ volume of the

## Entrance Passage.



Figure 11. Entrance Passage, Scored Line and Adam's monument
$\mathbf{C R}=176,0960245$ inches
GR = 356,261124 "
$\mathbf{G C}=397,4063394$ "
$\mathbf{X}=213,5667$ Sacred Cubits below the peak of the Pyramid:
$213,5667 \mathrm{SC}=4.312,2894197$ years from the end of the Creation to the 15 April 31 AD: Resurrection of the Lord Jesus Christ.

## ASCENDING PASSAGE



Figure 12. Ascending Passage, Girdle-stones and Granite Plug
Granite Plug (EF, Figure 12)
$\mathbf{E F}($ original length $)=206,0658189$ inches

$$
\begin{aligned}
\text { Width } & =41,21316378 \\
\text { Height } & =47,53672429
\end{aligned}
$$

Volume of the Granite Plug: 403.711,5419 cubic inches $=$ $=\mathbf{6 . 6 1 5 , 6 5 1 6 5 6}$ liters $=4.408 .427,721$ days $=1206,9881681$ years $=$ $=10$-th part of $12.069,88167$ years: the Great Pyramid and Solo-
mon's Sea mark and indicate the time from the beginning to the end of the world: $\mathbf{1 2 . 0 6 9 , 8 8 1 6 7}$ years.

The three girdle-stones (AB, Figure 12)
$\mathbf{A B}=444,0639699$ inches
$\mathbf{A C}=222,0319851$ inches $=\mathbf{C B}$
Vertical height (AD, BE) $=53,02682306$ inches.
$D C+C E=456,5525$ inches $=\mathbf{1 8 , 2 6 2 1} \mathrm{SC}=\mathbf{0 , 0 1 1 5 9 6 4 3 4} \mathbf{k m}$ : if a certain object was to travel with a speed of $0,011596434 \mathrm{~km}$ in one second, for 24 hours it would travel a distance of $1.001,931854 \mathrm{~km}=$ 40-th part of the Earth's Equator.

## GRAND GALLERY



Figure 13. Grand Gallery and Small Step (C)

The Small Step (C, Figure 13) = $\mathbf{1}$ Sacred Cubit = $\mathbf{2 5}$ inches = 63,5 cm.


Figure 14. The entrance into the Grand Gallery: extreme height of the Gallery above Ascending Passage roofline: 286,4690182 inches.
$(365,242$ days $=900,900901 \mathrm{~cm}=14,18741576 S C=286,4690182$ years).

## Cut off part of the Gallery



Figure 15. Cut off part of the Grand Gallery

Length:

$$
\mathbf{A B}=143.796063 \text { inches }=365,242 \mathrm{~cm}(365,242 \text { days }=1 \text { year }) .
$$

$\mathbf{A C}=40,15748032$ inches $=102 \mathrm{~cm}$ (102 days from the 1 January to the $\mathbf{1 3}$ April $\mathbf{3 1}$ AD: the day of Christ's Crucifixion).

$$
\begin{aligned}
& \mathbf{A E}=63,7179444 \text { inches } \\
& \mathbf{F C}=45,92363179 \text { inches }
\end{aligned}
$$

## Engraved groove

The Gallery, according to its center, has $1.850,340714$ inches $=$ the length of the engraved groove:
$1.850,340714 \times 3,14159=\mathbf{5 . 8 1 3}, 011885$ inches $=$ the height of the Great Pyramid.
$1.850,340714$ inches $=46,9865414$ meters.
If a certain object was to travel with a speed of 46,9865414 meters in one second, for 24 hours it would travel distance of $4.060,683717$ km.

Earth's equatorial radius $=6.378,501679 \mathrm{~km}$ :
$6.378,501679: 4.060,683717=1,570795=1 / 2$ of the number Pi.
$4.060,683717: 6.375,50179=0,63662031=$ tangent of $32,48165854^{\circ}$ $=$ the angle of the King's Chamber Northern channel.

## Length of floor-line from north to south wall

Length of the Grand Gallery: $1.881,148496$ inches.
Horizontal floor-line: 1.686,38497 inches:
$1.686,38497 \times 3,14159=5.297,930157$ inches $=211,9172063 \mathrm{SC}=$
$=4.278,983223$ years from the end of the Creation to the $\mathbf{2 5}$
December 4 BC: Nativity of Jesus Christ.

## The roof of the Gallery

Length of roof $=1.836,971$ inches.
The roof is covered with 40 blocks:
$1.836,971: 40=45,924275$ inches.
The length of the Antechamber $=116,2602377$ inches:
$45,924275 \times 116,2602377=5.339,167128$ inches $=213,5666851 \mathrm{SC}$
$=4.312,289118$ years from the Creation to the $\mathbf{1 5}$ April 31 AD:
Resurrection of the Lord Jesus Christ.

## The Crosses in the Gallery



Figure 16. The Crosses in the Gallery
Length: $\mathrm{a}=12,82830394$ inches
b=7,915587622 "
c = 15,0738817 "
$2 \mathrm{a}+2 \mathrm{~b}=41,48778312$ inches $=1,65955267 \mathrm{SC}=\mathbf{3 3 , 5 0 8 4 6 8 9}$ years from the birth of Jesus Christ ( 25 December 4 BC) to the 3 June 31 AD: Pentecost, the day when Christian Church was created.

Below the Crosses are holes that are 20,5617733 inches long, 6 inches wide and The holes are 9,930407097 inches deep. Altogether, there are 56 holes:

$$
\begin{aligned}
& 20,5617733 \times 56=1.151 .459305 \text { inches }=46,05837219 \mathrm{SC}=\mathbf{9 3 0} \\
& \text { years of Adam's life. }
\end{aligned}
$$

Two of these 56 holes are on the Great Step. These two holes are less deep than others. These holes of the Great Step are 5,453911653 inches
deep. The total volume of the holes of the Great Step is $1.345,70514$ cubic inches $=22,05217219$ liters $=\mathbf{1}$ ephah.

The total volume of the rest 54 holes is 6.6156 , cubic inches, which In liters is $4.408 .427,721$ days or $12.069,88167$ years of the Pyramid.

## The Great Gallery is Christianity

When looking at the Great Gallery in the direction north-south, we get the following measurements of its cross section in inches:

- floor: $\mathbf{4 2}$
- above the ramp: $\mathbf{8 2}$
- between the first overlap: 76
- between the second: 70,08
- between the third: $\mathbf{6 4 , 3}$
- between the fourth: $\mathbf{5 8 , 4}$
- between the fifth: $\mathbf{5 3}$
- between the sixth: $\mathbf{4 7}$
- between the seventh: 41,154

The total sum of all widths: 533,934 inches $=21,35736$ SC .
Pyrmet (Pyramid in Coptic language) means tenth part:
$21,35736 \times 10=213,5736 \mathrm{SC}=\mathbf{4 . 3 1 2 , 4 2 8 7 4 2}$ years from the end of the Creation to the $\mathbf{3}$ June 31 AD which was the Pentecost, the day when Christian Church was created.

## THE GREAT STEP



Figure 17. The Great Step
26

Vertical height above the Pyramid's base (Figure 17):

$$
\begin{aligned}
& \mathbf{A}=1.663,508338 \text { inches } \\
& \mathbf{X}=1.686,38567 \\
& \mathbf{B}=1.699,508338
\end{aligned}
$$

$X=1.686,38567$ inches:
$1.686,38567 \times 3,14159=5.297,932357$ inches $=211,9172943 \mathrm{SC}=$ $=4.278,985$ years from the sixth day of the Creation to the 25 December 4 BC: Nativity of Jesus Christ.
$\mathbf{B}=1.699,508338$ inches:
$1.699,508338 \times 3,141592654=5.339,16291$ inches $=213,5665164$ $\mathrm{SC}=\mathbf{4 . 3 1 2 , 2 8 5 7 1 1}$ years from the end of the Creation to the 14 April 31 AD: the day when was the Lord Jesus Christ lead out Adam, Eve and other righteousness from the Hell into Heavenly Kingdom.


Figure 18.
$\mathbf{D E}=1.686,38567$ inches $=\mathbf{C F}($ Figure 17):
$\mathbf{A C}=1.324,483088$ inches $=\mathbf{D B}$
$\mathbf{A C}+\mathbf{D B}=2.648,966177$ inches:
$2.648,966177 \times 2=5.297,932354$ inches $=211,9172941 \mathrm{SC}=$
$=4.278$,984997 from the Creation to the $\mathbf{2 5}$ December 4 BC: Jesus

## Christ was born.



Figure 19.
The Great Step and distance of the King's Chamber south wall AB $=537,1719124$ inches (Figure 19):
$(537,1719124 \times 3,14159) \times 3,14159=5.301,665315$ inches $=$ $=212,0666126 \mathrm{SC}=\mathbf{4 2 8 2}$ years from the Creation to the beginning of the Christian era.

## QUEEN'S CHAMBER



Figure 20. The Queen's Chamber
Length from North end of Grand Gallery, Southward to the beginning of low portion of floor (spot S, Figure 20): 1.282,582411 inches.

$$
\begin{aligned}
\text { Length } & =1.282,582411 \text { inches } \\
\text { Width } & =41,21316378 \\
\text { Height } & =46,66615235 \quad "
\end{aligned}
$$

Volume: 2.466.739,165 cubic inches $=40.422,64178$ liters $=$ 2.693.616,651 days $=\mathbf{7 . 3 7 4 , 8 8 2}$ years from the beginning of the Creation to the $\mathbf{1 7}$ July: the dove brings to Noah a branch of olive tree (17 July 2626 BC).

Length (Figure 20):
Length east to west: 226,7883055 inches.

$$
\begin{aligned}
& \mathbf{A B}=206,0658189 \\
& \mathbf{F G}=183,067288
\end{aligned}
$$

$$
\mathbf{G H}=61, \mathbf{2 5 0 8 4 6 6} \text { inches }(1 / 2=30.6254233 \text { inches })
$$

Volume above the niche: $226,7883055 \times 206,0658189 \mathrm{x}$ x $30.6254233=1.431 .227,643$ cubic inches $=23.453,63592$ liters $=$ $=1.562 .864,312$ days $=4.278,98301$ years from the Creation to the $\mathbf{2 5}$ December 4 BC: Nativity of Jesus Christ.

The rest of the volume: $226,7883055 \times 206,0658189 \times 183,067288=$ $=8.555 .341,765$ cubic inches $=140.197,0344$ liters $=9.342 .216,38$ days $=25.578,1547$ years:
25.578,1547: 4.278,98301 = 5,97762474 ( The Great Pyramid has in total 597,7624754 Sacred Cubits).


Figure 21. The granite ball and bronze hook
In the Northern channel of the Queen's Chamber, a granite ball and grapnel little bronze hook was found.

The ball weights 8.325 grains $=539,46$ grams.
Diameter of the ball is 2,914878002 inches $=7,403790125 \mathrm{~cm}$.
The volume of the ball: 0,212500792 liters $=14,16027371$ days:
$14,16027371 \times 365,242=5.171,92669$ days $=\mathbf{1 2 . 7 5 7}, \mathbf{0 0 3 3 5} \mathbf{~ c m}$ which is the length of Earth's equatorial diameter in kilometers.

Bronze is an alloy of copper and tin.

Specific gravity of copper $=8,96 \mathrm{~g} / \mathrm{cm}^{3}$ :
$8,96 \mathrm{~kg}($ liters of water $)=\mathbf{5 9 7 , 0 6 1 5 5 0 9}$ days $($ the Great Pyramid has total 597,7624754 Sacred Cubits).

The melting point of tin is $\mathbf{2 3 1 , 9}{ }^{\mathbf{o}} \mathrm{C}$ (the length of the Pyramid's base $=\mathbf{2 3 1 , 9 2 8 6 7}$ meters ).

Volume of the Niche: 5.718 liters: Adam was created 5.718 years from the beginning of the Creation or 5,718 days from the Beginning (Pyramid's time of the Creation: 1.000 years $=1$ day).

## THE WELL



Figure 22. The Well
$\mathbf{K L}=89,6152026$ inches
$1 / 2$ of the number $\mathrm{Pi}=1,570795$

$$
89,6152026+1,570795=91,1859976
$$

$$
91,1859976 \times 3,14159=\mathbf{2 8 6}, \mathbf{4 6 9 0 1 8 2} \text { inches }=\text { distance of the }
$$ Entrance axis from the Pyramid's main axis.



Figure 23. Lower part of the Well
$A B=\mathbf{2 8 6}, 4690182$ inches $=D C$

ANTECHAMBER


Figure 24. Antechamber

## Antechamber's Passage

$$
\begin{aligned}
\text { Length } & =52,45265197 \text { inches } \\
\text { Width } & =41,21316378 \\
\text { Height } & =42,34346459
\end{aligned}
$$

Volume: $91,535,54998$ cubic inches $=1.500$ liters
1 ephah $=22,05217219$ liters:
$1.500 \times 22,05217219=33.078,25829$ liters $=2.204 .213,861$ days $=$ $=6.034,940836$ years from the beginning of the Creation $=\mathbf{3 9 6 6} \mathbf{B C}$ $=$ the time when the building of the Giza Pyramids was completed (Adam was in his 317-th year of life). Adam's Seth was 187 year old, and Seth's son Enosh was 82 years:
"Seth also had a son, and he named him Enosh. At that time men began to call on the name of the Lord." (Gen. 4, 26)

## Antechamber

Length $=116,2602377$ inches
Width (between $=$ the east and west wall) $=65,132$ inches
Height $=149,401$ inches
Volume: $1.131 .303,485$ cubic inches $=18.538,75602$ liters $=$ $=1.235 .354,734$ days $=\mathbf{3 . 3 8 2 , 2 9 1 0 1 3}$ years from Adam's death to the 15 April 31 AD: Resurrection of Jesus Christ.

## Granite Leaf

$$
\begin{aligned}
\text { Length } & =41,21316378 \text { inches } \\
\text { Width } & =15,75 \\
\text { Height } & =51,52899121 \quad "
\end{aligned}
$$

Volume: $33.447,84588$ cubic inches $=548,1123872$ liters $=$ $=100$ years $=\mathbf{1}$ century.

The boss


Figure 25. The boss
There is a boss on the Granite Leaf ( 1 inch thick). This is the sign of Earth:

$$
\mathbf{A B}=1 \text { inch }
$$

If a certain object was to travel with a speed of 1 inch in one second, for 24 hours it would travel a distance of 86.400 inches.

Earth's equatorial diameter $=502.244 .226,8$ inches:
$502.244 .226,8: 86.400=5.813,011884$ inches $=$ the height of the Great Pyramid.


Figure 26. A look toward the Southern wall of the Antechamber.

## The semicircles

On the top of the western granite wainscot are three semicircles, which are above three vertical grooves (Figure 24).

The diameter of the semicircles $=17,25017089$ inches $=\mathbf{A B}$ (Figure 24, 26).


Figure 27.
$17,25020813 \times 3,14159=54,19308136$ inches
There are three semicircles ("three circles", Figure 24):
$54,19308136 \times 3=162,5792441$ inches $=6,503169763 \mathrm{SC}=$ $=131,3105$ years:
$(131,3105 \times 2) \times 10=\mathbf{2 . 6 2 6}, 21$ years from the beginning of the Great Flood to the beginning of the Christian era.

## KING'S CHAMBER

## The entrance passage of King's Chamber

Length $=100,5951944$ inches
Width $=41,21316378$ "
Height $=41,21316378$

The Cubic diagonal of the passage $=\mathbf{1 1 6 , 2 6 0 2 3 7 7}$ inches $=$ the length of the Antechamber.

## King's Chamber



Figure 28. King's Chamber (plan). The stone block of the ceiling are marked with numbers.

$$
\begin{aligned}
& \text { Length }=412,1316378 \text { inches } \\
& \text { Width }=206,0658189 " ، \\
& \text { Height }=230,38,00057
\end{aligned}
$$

The ceiling is constructed with nine granite blocks (stones).
The two last blocks in the Chamber are only $1 / 2$ of the size of other blocks (Figure 28):

$$
1 / 2+1 / 2=1
$$

Therefore, there are "eight" granite blocks in the ceiling. This signals us that the volume of King's Chamber need to be divided in eight parts.

Volume: $19.565 .308,45$ cubic inches $=320.618,1934$ liters:
320.618,1934: $8=\mathbf{4 0 . 0 7 7 , 2 7 4 1 8}$ liters $=$ the length of Earth's Equator in kilometers.

With the total granite height of 235,4262516 inches the volume of King's Chamber gives $19.993 .867,15$ cubic inches $=\mathbf{3 2 7 . 6 4 1 , 0 1 7 3}$ liters.

In the walls of King's Chamber there are $\mathbf{1 0 0}$ stone blocks:
$327.641,0174: 100=3.276,410174$ liters $=218.327,962$ days $=$ 597,7624752 years: together with the base and the height of the Great Pyramid = 597,7624752 Sacred Cubits.

## THE COFFER OF KING'S CHAMBER



Figure 29. The Coffer

$$
\begin{aligned}
\text { Length } & =89,65157346 \text { inches } \\
\text { Width } & =38,55135204 \\
\text { Height } & =41,23149865
\end{aligned}
$$

Volume: 142.503,8673 cubic inches: $\mathbf{2 . 3 3 5 , 2 2 1 6 8 1}$ liters.
Volume of the inner section: $1.167,610841$ liters
The Coffer is made of the granite.
Specific gravity of granite: $\mathbf{2 , 6 9} \mathrm{g} / \mathrm{cm}^{\mathbf{3}}$
$3,14159: 1.167,6108410,002690613$ liters $(\mathrm{kg})=\mathbf{2 , 6 9 0 6 1 3}$ grams.
Length of the Coffer: 89,65157346 inches

If we create a sphere around the length of the Coffer, the volume of that sphere will be $377.287,1415$ cubic inches:
$377.287,1415$ cubic inches $=6.182,633002$ liters $=$ $411.987,9965$ days $=1.127,986367$ years:
$1.127,986367 \times 3,14159=3.543,670689$ years $=$ $=129.4297, \mathbf{3 7}$ days.

Lunar year $=\mathbf{3 5 4 , 3 6 7 0 6 8 9}$ days
$129.4297,37: 354,3670689=\mathbf{3 . 6 5 4 , 2 4 2}$ lunar years

## Height of the Coffer: 41,23149865 inches

If we create a sphere around the height of the Coffer, the volume of that sphere will be $36.701,65234$ cubic inches:
$36.701,65234$ cubic inches $=601,4327604$ liters $=$ $=40.077,27418$ days $=\mathbf{1 0 9 , 7 2 8}$ years (The Earth is 40.077,27418 km wide around the Equator).

Width of the Coffer: 38,55135204 inches
If we create a sphere around the width of the Coffer, the volume of that sphere will be $29.999,7128$ cubic inches $=491,6075689$ liters $=$ $32.758,92606$ days $=89,69101599$ years.

Total volume of the three spheres $=7.275,673331$ liters $=$ $=484.824,1968$ days $=1.327,405383$ years:
$1.327,405383$ years x $2=2.654,810765$ years from the beginning of the Great Flood to the time of Christ's ministry on earth: 29 AD.


Figure 30. King's Chamber complex (looking west).

Height of the Coffer: 41,23149865 inches = 1,649259946 SC = $=\mathbf{3 3 , 3 0 1 4 7 5 4 3}$ years of Jesus Christ's life from the 25 December 4 BC to the 13 April 31 AD.

## SOUTH CHANNELS



Figure 31. South channels

South King's Chamber channel $\left(45^{\circ}\right)$ is the opened way into the Heavens.

South Queens Channel: angle of ascent $=39,6316981^{\circ}$
Tangent of $39,6316981^{\circ}=\mathbf{0 , 6 3 7 8 5 0 1 6 8} \mathbf{( 6 . 3 7 8 , 5 0 1 6 8} \mathbf{~ k m}=$ Earth's equatorial radius).

South Queen's Chamber channel is the wrong way: the door is closed and sealed (SD).

## NORTH CHANNELS



Figure 32. North channels

## North King's Chamber channel

Angle of ascent $=32,48165854^{\circ}($ tangent $=0,63662031)$
Distance:

$$
\begin{aligned}
& \mathbf{A B}=105,3290314 \text { inches } \\
& \mathbf{B C}=2.282,7625 \\
& \mathbf{C D}=1.453,252972 " \\
& \mathbf{B D}=2.706,094756 \\
& \mathbf{E C}=1.740,721498 "
\end{aligned}
$$

Length of the Pyramid's base $=9.131,05$ inches:
$9.131,05 \times 0,63662031=5813,011885$ inches $=$ height of the Pyramid.
$\mathbf{C D}=1.453,252972 \times 3,14159=4.565,525$ inches $=182,621 \mathrm{SC}=$ $=3.687,441$ years from the beginning of the Creation of the world to the time of the Creation of Sun, Moon and stars (3,687441 days of the Biblical time).
$(\mathbf{B C}+\mathbf{C D}) \times 2=7472,030944$ inches $=298,8812378 \mathrm{SC}=$ $6.034,940836$ years from the Beginning to the time when the building of the Giza Pyramids was completed.

North King's Chamber channel is the opened way into the Heavens.

North Queen's Chamber channel is the wrong way: the door is closed and sealed (SD).


Figure 33. The angle of North channel of the King's Chamber and the Pyramid

Length:
RS (NS) $=182,621 \mathrm{SC}$
SC $(\mathbf{C A})=116,2602377$ SC
$\mathbf{V X}(\mathbf{Z Y})=91,3105 \mathrm{SC}$
POTUP = 597,7624754 SC
$\mathbf{R S}=162,621 \mathrm{SC}=3.687,441$ years from the beginning of the Creation to the time of Creation of Sun, Moon and stars (this is day fourth of Creation).
$\mathbf{V X Y Z V}=415,1414754 \mathrm{SC}=8.382,440669$ years from 3.687,441 years of the Creation to the ending (last) time which the Pyramid and Solomon's Sea mark: $12.069,88167$ years.
$\mathbf{R S C}=\mathbf{N S C}=298,8812377 \mathrm{SC}=6.034,94083$ years which is the time from beginning of the Creation to the time of building of the Pyramid (one half of $12.069,881681$ years).

## ORION AND THE THREE PYRAMIDS



Figure 34. Orion

## 91 units ("rooms")

The three pyramids of Giza are located on Earth just as the three stars in the belt of Orion (Figure 34, 35).

From the western side of the middle pyramid, that corresponds to the middle star of Orion's belt (Alnilam), there are 91 units ("rooms"). These units show that this star will be by $91^{\circ}$ away from North celestial pole at the time of the end of the world. Current position is very close to $91^{\circ}$.


Figure 35. Pyramids and 91 units ("rooms")

## THE GREAT PYRAMID AND EARTH

The volume of the Great Pyramid $=161.555 .369 .900$ cubic inches $=2.647 .420 .099$ liters $=176.414 .369 .400$ days $=435.141 .260 .800 \mathrm{~cm}$ $=4.351 .412,608 \mathrm{~km}$.

The Great Pyramid (and Solomon's Sea) show the total time of the world $=12.069,881681$ years from the Beginning to the End $=$ $4.408 .427,721$ days $=10.873 .767,27 \mathrm{~cm}=\mathbf{1 0 8 , 7 3 7 6 7 2 7} \mathrm{km}$ :
4.351.412,608 : $108,7376727=40.017,52566 \mathrm{~km}=$ the mean size of Earth.

## THE MEANING OF NOAH'S ARK

Before the Great Flood the Lord said to Noah:
" So make yourself an ark of cypress wood; make rooms in it and coat it with pitch inside and out. This is how you are to build it: the ark is to be 300 cubits long, 50 cubits wide and 30 cubits high.

Make a roof for it and finish the ark to within 1 cubit of the top. " (Gen. 6, 14 - 16)

The volume of these measurements with the roof part of the Ark is 7.148.437.500 cubic inches $=117.141 .987,5$ liters. Specific gravity of cypress wood is $0,51 \mathrm{~g} / \mathrm{cm} 3$ :

$$
117.141 .987,5 \times 0,51=\mathbf{5 9 . 7 4 2 . 4 1 3 , 6} \mathbf{k g}
$$

## Earth weights 59.742.413.600.000.000.000.000.000.000 kg

According to the Great Pyramid the mean size of Earth is $40.017,93119 \mathrm{~km}$, and its mean volume gives 1.082 .215 .220 .000 km 3 . With the weight of Earth which Noah's ark shows, and according to the mean size of the Earth, we get the specific weight of the Earth to be $5,520381944 \mathrm{~g} / \mathrm{cm} 3$.

## A DAY'S WALK

The English have a measurement of length, which they call skein : 109,728 meters.

If a man was walk one day, with his every step 1 Sacred Cubit $(63,5 \mathrm{~cm})$ and with the speed of two steps in a second (2 Sacred Cubits or 127 cm ), in 24 hours he would travel 109,728 km (1.000 skeins). For one year of 365,242 days, he would travel around the planet Earth. That is, he would travel the length of the Equator: 40.077,27418 km.
" Now a wind went out from the Lord and drove quail in from the sea. It brought them down all around the camp to about three feet above the ground, as far as a day's walk in any direction. " (Num. 11, 31)

## SABBATH DAY'S JOURNEY



Figure 36. The Ark of Covenant

The Ark of the Covenant traveled 2.000 Cubits (Sacred) ahead of the people (one Sabbath day of journey). (Josh. 3, 4; Acts, 1, 12):
a) 2.000 Sacred Cubits $=1,27 \mathrm{~km}$
b) Earth's Equator $=40.077,27418 \mathrm{~km}$ :

$$
40.077,27418: 1,27=31.556,9088 \mathrm{~km}:
$$

With the speed of 365,242 meters in one second for one day ( 24 hours) a certain object was to travel a distance of $31.556,9088 \mathrm{~km}$, or for $31.556,9088$ seconds ( 0,365242 days) with the speed of 1,27 $\mathrm{km} / \mathrm{sec}$. a certain object was to travel a distance of $\mathbf{4 0 . 0 7 7 , 2 7 4 1 8} \mathbf{~ k m}$.

## FROM THE GREAT FLOOD TO THE EXODUS

Descendants of Noah's son Shem from second year of the Flood:

1. Arphaxad............... 2625 BC ( -35 years to son Shelah)
2. Shelah.................... 2590 " (-30)
3. Eber...................... 2560 " (-34)
4. Peleg...................... 2526 " (-30)
5. Reu........................ 2496 " (-32)
6. Serug..................... 2464 " (-30)
7. Nahor..................... 2434 " (-29)
8. Terah......................2405" (-70)
9. Abram..................... 2335 " (-100)
10. Isaac....................... 2235 " (-60)
11. Jacob...................... 2175 " (-90)
12. Joseph...................... 2085 "

- Joseph sold into Egypt................................. 2067 BC
- Joseph comes before the pharaoh................... 2055 "
- The seven years of abundance in Egypt ended... 2048 "
- Second year of famine years......................... 2045 BC: Jacob
with his family came to Egypt. He was 130 years old.
- Jews spent 430 years in Egypt: 2067-1637 BC.


## THE EXODUS FROM EGYPT

The Exodus from Egypt started on the 14 day (Wednesday of month Abib (April) on the year 1637 BC.

With the base and height together the Great Pyramid has 597,7624754 Sacred Cubits:
$\mathbf{5 9 7 . 7 6 2 , 4 7 5 4}$ days $=\mathbf{1 . 6 3 6}, \mathbf{6 2 0 3 1}$ years $\mathbf{B C}=18$ May 1637 BC . This is the third day of manna falling.

The Exodus from Egypt started on the 14-th day of the month Abib (14 April) of the year 1637 BC:

First month, Abib 1637 BC ("April, Julian calendar"):

| Sunday |  | 4 | 11 | 18 | 25 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Monday |  | 5 | 12 | 19 | 26 |
| Tuesday |  | 6 | 13 | 20 | 27 |
| Wednesday |  | 7 | $\mathbf{1 4}$ | 21 | 28 |
| Thursday | 1 | 8 | 15 | 22 | 29 |
| Friday | 2 | 9 | 16 | 23 | 30 |
| Saturday | 3 | 10 | 17 | 24 |  |

## Second month

| Sunday | 2 | 9 | $\mathbf{1 6}$ | 23 | 30 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Monday | 3 | 10 | $\mathbf{1 7}$ | 24 | 31 |
| Tuesday | 4 | 11 | $\mathbf{1 8}$ | 25 |  |
| Wednesday | 5 | 12 | $\mathbf{1 9}$ | 26 |  |
| Thursday | 6 | 13 | $\mathbf{2 0}$ | 27 |  |
| Friday | 7 | 14 | $\mathbf{2 1}$ | 28 |  |
| Saturday | 1 | 8 | $\mathbf{1 5}$ | 22 | 29 |

" The whole Israelite community set out from Elim and came to the desert of Sin, which is between Elim and Sinai, on the 15-th day of the 2-nd month after they had come out of Egypt." (Exod. 16, 1)

16-th day: manna starts to fall.
22-nd day: manna did not fall.
The Great Pyramid (and Solomon's Sea) show the total time of the world $=12.069,881681$ years from the Beginning to the End:
$12.069,881681: 1.636,62031=7,374882$ years: Noah's dove brings a branch of olive tree: 17-th day of the 11-th month of the year 7.375
or 7.374,882 years from the Beginning (17 July 2626 BC).
On the $\mathbf{3}$ day of the $\mathbf{3}$ month ( $\mathbf{3}$ June) Moses received from God the Ten Commandments on the Mount Horeb. On this same day on the 3 June 31 AD was Pentecost, the day when the Holy Spirit descended on the apostles: the Christian Church was created.
" On the 15 day of the 7 month the Lord's Feast of Tabernacles begins..." (Lev. 23, 34)

From the 14 Abib (14 April) to the Feast of Tabernacles at the 15 day of the seventh month ( 15 October) there is exactly 182,5 days. This is the proof that Moses used a year of 365 days.

## THE TENT OF MEETING

Then the Lord said to Moses:
"Set up the tabernacle, the Tent of Meeting, on the first day of the first month." (Exod. 40, 1-2)
"So the tabernacle was set up on the first day of the first month in the second year." (Exod. 40, 17)

This is $1635,71 \mathrm{BC}=1$ Abib (1 April) 1636 BC.
Dimension of the courtyard around the Tent:
Length $=100$ SC
Width $=50 \mathrm{SC}$
$(100+50) \times 3,14159=471,2385 \mathrm{SC}=29.923,64475 \mathrm{~cm}=$ $=12.131,60276$ days $=\mathbf{3 3 , 2 1 5 2 4 5 6 7}$ years of Christ's time on earth from the 25 December 4 BC to His last days on earth, were in the spring of the year 31 AD .


Figure 37. The Tent of Meeting

## THE ARK OF COVENANT

Dimension:

$$
\begin{aligned}
& \text { Length }=2,5 \quad \text { SC }=62,5 \text { inches } \\
& \text { Width }=1,5 \quad "=37,5 \quad " \\
& \text { Height }=1,5 \quad "=37,5 \quad "
\end{aligned}
$$

Volume of the sphere around the length $=127.831,6243$ cubic inches.

Volume of the sphere around the width and height (together) = $=55.223,26172$ cubic inches .

All three spheres together $=183.054,886$ cubic inches $=$ $=2.999,7343$ liters.

The Great Pyramid (and Solomon's Sea) show the total time of the world $=12.069,881681$ years from the Beginning to the End $=$ $\mathbf{6 6 . 1 5 6 , 5 1 6 5 6}$ liters:
6.6156,51656 : 2.999,7343 = 22,05412545 liters: 1 ephah contains $\mathbf{2 2 , 0 5 2 1 7 2 1 9}$ liters.

The measurement given to Moses are the only measurements which exist in that time.

## ALTAR OF INCENSE

God said to Moses:
" Make an altar of acacia wood for burning incense. It is a square, 1 cubit long and a 1 cubit wide, and 2 cubits high." (Exod. 30, 1-2)
$1 \mathrm{SC}=63,5 \mathrm{~cm}=$ length and width of the altar.
$2 \mathrm{SC}=127 \mathrm{~cm}=$ height of the altar.
If the measurements of this altar are decreased by $0,5125865 \mathrm{~cm}$, then the volume would be 501,827968 liters $=33.439,97599$ days $=$ 91,555699 years:
$91,555699^{2}=\mathbf{8 . 3 8 2}, \mathbf{9 7 5 9 9}$ years from the time of creation of Sun, Moon and stars 3687,44 years from the Beginning to $12.069,88167$ years which the Great pyramid and Solomon's Sea mark (the end of the time).

## THE ALTAR OF BURNT OFFERING

This altar in the courtyard of the Tent of Meeting had a length of 5 And width of 5 cubits, its height was 3 cubits $=317 \times 317 \times 190,5 \mathrm{~cm}$.

If the length and the width are increased by $0,0087849 \mathrm{~cm}$, then we
get the volume $19.144,21553$ liters $=\mathbf{1 . 2 7 5 . 7 0 0}, \mathbf{3 3 6}$ days: the length of Earth's equatorial diameter is $\mathbf{1 2 . 7 5 7 , 0 0 3 3 6} \mathbf{~ k m}$.

Therefore, with the closest measurements of the Sacred Cubits, the Altar of Burnt Offerings leads us to the size of Earth.

## ANOINTING OIL AND SHEKEL

God said to Moses:
"Take the following fine spices: 500 shekels of myrrh, half as much (that is 250 shekels) of fragrant cinnamon, 250 shekels of fragrant cane, 500 shekels of cassia - all according to the sacred shekel - and a hin of olive oil. Make these into sacred anointing oil."
(Exod. 30, 23-25)
The measurements for making the anointing oil:


Tropical years $=365,242$ days:
$\mathbf{3 6 5 , 2 4 2} \times \mathbf{3 , 1 4 1 5 9}=1.147,440615$ days $=17,21944395$ liters $=$ $=17.219,44395$ grams:
17.219,44395 : $1.500=11,4796293$ grams $=1$ shekel $=$ specific gravity of natural crystals of lead.

## SHEKEL, TALENT AND THE MENORAH

God ordered:
"A talent of pure gold is to be used for the lampstand and all these accessories." (Exod. 25, 29)

$$
\begin{aligned}
& 1 \text { shekel }=11,4796293 \text { grams } \\
& 1 \text { talent }=3.000 \text { shekels }=34.438,8879 \text { grams }=34.438,8879
\end{aligned}
$$ kilograms.

$\mathbf{3 4 . 4 3 8 , 8 8 7 9}$ liters $=2.294,88123$ days $=\mathbf{6 , 2 8 3 1 8}$ years
Great Pyramid shows: from the beginning of the Creation to the day of creating Christian Church on 3 June $31 \mathrm{AD}=10.030,4235$ years:
$\mathbf{1 0 . 0 3 0 , 4 2 3 5}: \mathbf{6 , 2 8 3 1 8}=\mathbf{1 . 5 9 6}, 39283$ years $=1.596$ years, 4 month and 21,73068152 days $\mathrm{BC}=$ "10-th August" 1597-th years BC when the Jewish people entered into Promised Land:
"On the evening of the 14-th day of the month, while camped at Gilgal on the plains of Jericho, the Israelites celebrated the Passover.

The day after the Passover, that very day, they ate some of the produce of the land: unleavened bread and roasted grain.

The manna stopped the day after they ate this food from the land;" (Josh.5, 10-12)

14-th day of the month = 14-th Abib = "14-th April":
365,242 : 3,14159 = 116,2602377 days $=$ the days from the 14-th April to the 10-th August.

## THE TABLE FOR TWELVE BREAD

The Lord said to Moses:
" Make a table of acacia wood - 2 cubits long, 1 cubit wide and 1,5 cubit high. (Exod. 25, 23)

This is the table for twelve breads.
Measurements of the table:

$$
\begin{aligned}
\text { Length } & =2 \mathrm{SC}=127 \mathrm{~cm} \\
\text { Width } & =1 \mathrm{SC}=63,5 \mathrm{~cm} \\
\text { Height } & =1,5 \mathrm{SC}=95,25 \mathrm{~cm}
\end{aligned}
$$

If the length is increased by $0,412602 \mathrm{~cm}$, then we get the volume 768,3931813 liters.

The Great Pyramid (and Solomon's Sea) show the total time of the world $=12.069,881681$ years from the Beginning to the End $=$ $\mathbf{6 6 . 1 5 6 , 5 1 6 5 6}$ liters:
66.156,51656 : 768,3931813 = 86,09721972 liters $=$ $5.737,203073$ days $=15,70795$ years $=1 / 2$ of 31,4159 .

## TWELVE LOAVES OF BREAD

God told to Moses on the Mount Horeb:
"Take fine flour and bake twelve loaves of bread, using two-tenths of an ephah for each loaf. Set them in two rows, six in each row, on the table of pure gold before the Lord." (Lev. 24, 5-6)
$2 / 10$ of 1 ephah $=4,410434438 \mathrm{~kg}$ of fine flour = one bread (loaf).

12 breads $=52,92521326 \mathrm{~kg}$ of flour.
The Great Pyramid has 597,7624754 Sacred Cubits:
$5.977,624754$ days $=89,70518654 \mathrm{~kg}$ (liters):

## $52,92521326: 89,70518654=\mathbf{0 , 5 8 9 9 9 0 5 6}=$ specific gravity of fine wheat flour.

## FROM THE EXODUS TO KING DAVID

The Great Pyramid tells us that the arriving of Israelites into the Promised Land, led by Joshua son of Nun, started in the year 1597 BC. In order to prove the accuracy of this comment we will mention all years of judges above Israelites from Joshua to king David:

Judges:
Time in years:

## Joshua, son of Nun (1657-1547 BC)......(1597-1547) <br> 50

Cushan-Rishathaim, king of Aram Naharaim (Judg. 3, 8) ..... 8
Othniel (Judg. 3, 11) ..... 40
Eglon, king of Moab (Judg. 3, 14) ..... 18
Ehud (Judg. 3, 20-30) ..... 80
Jabin, king of Canaan (Judg. 4, 2) ..... 20
Deborah (Judg. 5, 31) ..... 40
Midianites (Judg. 6 1) ..... 7
Gideon (Judg. 8, 28) ..... 40
Abimelech (Judg. 9, 22) ..... 3
Tola (Judg. 10, 2) ..... 23
Jair (Judg. 10, 3) ..... 22
Ammonites (Judg. 10, 8) ..... 18
Jephthah (Judg. 12, 8) ..... 6
Ibzan (Judg. 12, 8) ..... 7
Elon (Judg. 12, 11) ..... 10
Abdon (Judg. 12, 13-14) ..... 8
Philistines (Judg. 13, 1), the judge Samson: 20 years ..... 40
Eli (1. Sam. 4, 18) ..... 40
Samuel and his sons ..... 45

Total time of judges: 525 years

Saul became a king: 1050 BC
From the start of judging by Joshua son of Nun, in the year 1597 BC to the year of Saul's anointment is $\mathbf{5 4 7}$ years, and Bible's chronology gives all judges $\mathbf{5 2 5}$ years.

## What about these 22 years of difference?

This time has been lost in the period between the former judge and choosing the new judge.

The causes of wars, sickness or disagreements did not always aloud the right time for choosing a new judge.

This is how those $\mathbf{2 2}$ years accumulated.
Saul lost his life in the year 1010 BC and David became a king.

## Solomon started to build the temple in the year 967 BC:

" In the $\mathbf{4 8 0}$ year after the Israelites had come out of Egypt, in the fourth year of Solomon's reign over Israel, in the month of Ziv, the second month, he began to build the temple of the Lord." (1 Kings, 6, 1)

The following was said about Joshua son of Nun:
"Israel served the Lord throughout the lifetime of Joshua and of the elders who outlived him and who had experienced everything the Lord done for Israel." (Josh. 24, 31)

$$
967+480=1447 \text { years BC }
$$

During the year 1447 BC all those died who were from the gene-
ration of those who personally knew the members of Exodus, and from whom they heard about the miracles of God in the time of leading the people out of Egypt.

From this 1447 year BC to the start of construction of Solomon's temple $=480$ years.

## BOAS AND JACHIN



Figure 38. Boas (Jachin)
The famous two pillars named Jachin and Boas were located in the courtyard of Solomon's temple.

Each one of the pillars was 27 cubits high (the cubit of the old standard or Sacred Cubit: 2 Chron. 3, 3).

The pillars had a diameter of 3,819721861 Sacred Cubits.
The lilies were located on the capitals. The lilies are known as the flowers of kings:
" See how the lilies of the field grow. They do not labor or spin. Yet I tell you that not even Solomon in all his splendor was dressed like one of these." (Matt. 6, 28-29)

We will use these pillars in order to examine and check the measurements of time, which the Great Pyramid marks.

The Great Pyramid (base and height) $=597,7624754$ SC:
5,977624754 years $=2.183,27962$ days $=\mathbf{5 . 3 8 5 , 2 4 7 5 2 7} \mathbf{c m}$ :
$5.385,247527: 3,14159=\mathbf{1 . 7 1 4 , 1 7 8 9 7 5} \mathbf{c m}$ : each one of the pillars was $1.714,5 \mathrm{~cm}$ high $=27 \mathrm{SC}$.

Lily's height ( $\mathbf{P}$, Figure 38) $=4 \mathrm{SC}=\mathbf{2 5 4} \mathbf{~ c m}$
Diameter of the pillar $=3,819721861 \mathrm{SC}=\mathbf{2 4 2 , 5 5 3 3 8 2} \mathbf{~ c m}$
Volume $=\pi r^{2} h=11.736,37999$ liters
The volume of two pillars together $=\mathbf{2 3 . 4 7 2 , 7 5 9 9 8}$ liters $=$ $=1.564 .138,669$ days $=4.282,472085$ years from the end of the Creation to the middle of the year 1 AD .

Therefore we must remember the words of King David, which were spoken to Solomon. The following words were spoken when David presented to Solomon the plan of the temple:
"All this," David said, "I have in writing from the hand of the Lord upon me, and He gave me understanding in all the details of the plan." (1 Chron. 28,19)

## THE GOLD SHIELDS OF THE TEMPLE

"King Solomon made 200 large shields of hammered gold, 600 shekels of gold went into each shield.

He also made 300 small shields of hammered gold, with 3 minas of gold in each shield." ( 1 Kings 10, 16-17)

1 mina $=60$ shekels
200 shields by 600 shekels $=120.000$ shekels $=40$ talents
300 small shields by 3 minas $=900$ minas $=54.000$ shekels $=$ $=18$ talents.

Altogether 58 talents of gold used to make the shields = $=1.997,455498 \mathrm{~kg}$ :

1 kg of water $\left(4^{\circ} \mathrm{C}\right)=1$ liter
$1.997,455498$ liters $=133.103,1113$ days $=\mathbf{3 6 4 , 4 2 4 4 4}$ years.
Solomon finished the temple in the year 959 BC:

$$
959-364,42444=594,57556 \text { years }=595 \mathrm{BC}
$$

During the year 596 BC the Babylonians burnt Jerusalem, the temple was pillaged and destroyed.

## JERUSALEM AND BETHLEHEM

Jerusalem and Bethlehem $=777$ meters above sea level.
$777 \mathrm{~m}=77.700 \mathrm{~cm}=31.501,02677$ days $=\mathbf{8 6}, \mathbf{2 4 7}$ years
God ordered the Israelites by telling Moses: "Consecrate the fiftieth year and proclaim liberty throughout the land to all its inhabi-
tants ." (Levit. 25, 10-11)
$86,247 \times 50=4.312,35$ years from the end of Creation to the April 31 AD: the time when the Lord Jesus Christ proclaimed liberty throughout the land (Earth) to all its inhabitants.

## THE GREAT PYRAMID AND BETHLEHEM



Figure 39. The Great Pyramid and Bethlehem

The Great Pyramid: $\mathbf{3 0}^{\mathbf{o}} \mathbf{N}$
Bethlehem: $\mathbf{3 1 , 7 1 4 1 7 8 9 7 ^ { \circ }} \mathbf{N}$

$$
\begin{gathered}
\mathbf{1}^{\mathbf{0}}=\mathbf{1 1 1} \mathbf{~ k m} \\
31,71417897^{\circ}-30^{\circ}=\mathbf{1 , 7 1 4 1 7 8 9 7 7 5 ^ { \circ }}= \\
=\mathbf{1 9 0 , 2 7 3 8 6 6 2} \mathbf{~ k m}=\mathbf{d}(\text { Figure 39 }) \\
90,2738662 \times 3,14159=\mathbf{5 9 7 , 7 6 2 4 7 5 4} \mathbf{~ k m}=\text { circle B } \text { (Figure 39) }
\end{gathered}
$$

The Great Pyramid has 597,7624754 SC.

## JERUSALEM AND DEAD SEA

Jerusalem is located at the height about 3.814 feet above the level of the Dead Sea:
$3.814,31226$ feet $=116.260,2377 \mathrm{~cm}=1.162,602377 \mathrm{~m}=$ $=1.097,28-t h$ part of the Earth's equatorial diameter.

## SINAI



Figure 40. Mount Sinai
The axis of the entrance of the Great Pyramid is distanced away from the main axis of the Pyramid by $\mathbf{2 8 6}, \mathbf{4 6 9 0 1 8 2}$ inches.

Mount Horeb is north of the Equator 28,64690182 ${ }^{\circ}$. This is exactly on the place of the Orthodox St. Catherine Monastery. The Burning Bush that Moses saw still exist to this day in this monastery.
$286,4690182^{\circ}=3.179,806102 \mathrm{~km}=1 / 4$ of Earth's diameter N-S.

## ARARAT

Ararat is the mountain on which Noah's ark rested in the time of the Great Flood.
Ararat: $39,735253^{\circ} \mathrm{N}$
$44,231688^{\circ} \mathrm{E}$

- $39,735253^{\circ}$

$$
\text { tangent }=0,831255895
$$

$$
\text { sinus }=0,639241093
$$

- 44,231688 ${ }^{\circ}$

$$
\text { tangent }=0,973534161
$$

sinus $=0,697561491$

Total: 3,14159264 (number Pi)

## PYRAMID'S ANGLE OF ASCEND



Figure 41. The Pyramid's angle of ascend

The Great Pyramid's angle of ascend: $51,85399754^{\circ}(\alpha)$.
The tangent of this angle: 1,273249621
From 3352 BC (Adam's death) to the 15 April 31 AD (Resurrection of Jesus Christ) $=\mathbf{3 . 3 8 2}, 291$ years $=\mathbf{A C}$ (Figure 41)

## $A B=2.656,442894$ years $=$ from the 15 April 31 AD to the beginning of the Noah's Flood.

## GOLDEN KARAT

Golden karat as $1 / 24$ part or 4,166666667 percent of gold in any material:

$$
1 \mathrm{~kg} \text { of material }=1.000 \text { grams }
$$

1 golden karat $=\mathbf{2 4}$-th part of $\mathbf{1 . 0 0 0}$ grams $=\mathbf{4 1 , 6 6 6 6 6 6 6 7}$ grams
Let's see according to what scheme golden karat has been created:
According to the Great Pyramid one year of days 365,242 $=$ $=5,481123872$ liters of water.

We should now take this number of liters as a number of days:
$365,242: 5,481123872=66,63633381$ days
66,63633381 days $=1$ liter $=1.000$ grams of water at temperature of $4^{\circ} \mathrm{C}$ :
$1.000: 24=41,66666667$ grams $=\mathbf{1}$ golden karat
5,481123872 golden karats x 41,66666667 grams $=228,3801614$ grams $=\mathbf{1 5 , 2 1 8 4 1 6 6 7}$ days $=$ one half of a month.

## ATMOSPHERIC PRESSURE

1 tropical year $=365,242$ days
1 month $=30,43683333$ days
30,43683333 days $=75,05707507 \mathrm{~cm}$
$75,05707507 \mathrm{~cm}$ of mercury column $\left(\mathrm{Hg}\right.$ at $\left.\mathbf{0}^{\circ} \mathrm{C}\right)=1 \mathrm{bar}$
$\mathbf{1}$ bar $=0,98692$ atmosphere
1 atmosphere $=76 \mathrm{~cm}$ of mercury column
$75,05707507: 0,98692=76,07007161 \mathrm{~cm}=1$ atmosphere

> YARD
> 1 Sacred Cubit $=25$ inches $=63,5 \mathrm{~cm}$
> $12 \mathrm{SC} \times 12 \mathrm{SC}=144 \mathrm{SC}=36.00$ inches $=9.144 \mathrm{~cm}$
> $\mathbf{1}$ yard $=\mathbf{1 0 0}$-th part of $\mathbf{1 4 4} \mathbf{S C}=\mathbf{3 6}$ inches $=91,44 \mathrm{~cm}$

## THE TEMPLE FROM EZEKIEL'S PROPHECY

## The Most Holy Place

This is the square shape in the center (A, Figure 42) with sides by 20 Sacred Cubits, which is by one palm longer from regular cubit (longer by 18,45495496 cm).

The four sides of the Most Holy places are $80 \mathbf{S C}=5.080 \mathrm{~cm}=$ $=2.059,526589$ days $=\mathbf{5 , 6 3 8 8}$ years.

The Great Pyramid marks $12.069,88167$ years:
$12.069,88167: \mathbf{5 , 6 3 8 8}=\mathbf{2 . 1 4 0 , 5 0 5 3 6 8}$ years
$2.140,505368 \times 2=4.281,010736$ years from the end of the Creation to the beginning of the year 4282, the last year of the old (BC) era.


Figure 42. The plan of Ezekiel's temple

## The temple

This is the second square shape from the center (B, Figure 42). The side of the temple are 100 SC each, which gives total $400 \mathrm{SC}=$ $=2540 \mathrm{~cm}=10.297,63295$ days $=28,194$ years:
$12.069,88167: \mathbf{2 8 , 1 9 4}=\mathbf{4 2 8 , 1 0 1 0 7 3 6}$ years $=\mathbf{1 0}$-th part of the $4.281,010736$ years from the end of the Creation to the Christian era.

The wall around the temple
The third structure of the temple is the wall around the temple (C, Figure 42). This wall separates the temple from the outside world.

The length of each side of the wall is $3.000 \mathrm{SC}=12.000 \mathrm{SC}$ altogether $=76.200 \mathrm{~cm}=308.845,812$ days $=845,812$ years:
$845,812 \times 3,14159=\mathbf{2 . 6 5 7}, 194521$ years from the beginning of the Noah's Flood to the September of the year 31 AD.

## The City

Next to the Wall is the city of Ezekiel's prophecy (fourth square from the center (D, Figure 42).

The sides of the city are 4.500 SC long each. Each of the four sides has three doors and these doors are symbols of the twelve sons of Israel.

The city around was 18.000 SC . To this mentioned number we need to add its two diagonals with their $6.363,961031 \mathrm{SC}$ for each.

This in total sums to $30.727,92206 \mathrm{SC}=1.951 .223,051 \mathrm{~cm}=$ $=791.062,1566$ days $=2.165,857586$ years:
$2.165,857586 \times 2=4.331,715173$ years from the Creation to the year 50 AD : the time of expending Christianity and end of the rules of the Old Testament.

The city had 12 doors:
$4.331,715173: 12=\mathbf{3 6 0 , 9 7 6 2 6 4 4}$ years
The Great Pyramid marks $12.069,88167$ years:
12.069,88167: 360,9762644 = 33,43677372 years: from the 25 December 4 BC to the 1 June 31 AD (3 June 31 AD was the Pentecost, the creation of the Christian Church).

## The free area around the city

A free area is found all around the city (the last square from the center (E, Figure 42).

Therefore, every side of the free area is 5.000 SC long and all four sides together have 20.000 SC .

Together with the length of sides of the city ( 18.000 SC ) this amount adds up to $38.000 \mathrm{SC}=2.413 .000 \mathrm{~cm}=978.275,13$ days $=$ $=\mathbf{2 . 6 7 8 , 4 3}$ years.

When God talked about this temple He said: "You are to use accurate scales, and accurate ephah and accurate bath." (Ezek.45,10)

1 ephah $=\mathbf{2 2 , 0 5 2 1 7 2 1 9}$
$2.678,43-22,05217219=2.656,377828$ years from the beginning of the Great Flood to the April 31. AD: the time of Jesus Christ.

## FROM THE BOOK OF PROPHET ISAIAH



Figure 43. The borders of Egypt
"In that day there will be an altar to the Lord in the heart of Egypt, and a monument to the Lord at its border. It will be a sign and witness to the Lord Almighty in the land of Egypt." (Isa. 19, 19-20)

The borders of Egypt (Figure 43):

$$
B=36,9864^{\circ} E
$$

$$
\mathrm{AB}=11,9864^{\circ}=1.328,04 \mathrm{~km}
$$

$1.328,04 \times 2=2.656 \mathrm{~km}=$ years from the Flood to the time of Jesus Christ.

$$
\begin{aligned}
\mathrm{C} & =\mathbf{3 1 , 6 4 4 1 4 4 1 4 4 ^ { \circ } \mathrm { N }} \\
\mathrm{BC} & =\mathbf{9 , 6 4 4 1 4 4 1 4 4 ^ { \circ }}=\mathbf{1 . 0 7 0 , 5} \mathrm{km}
\end{aligned}
$$

$(1.070,5 \times 2) \times 2=4.282 \mathrm{~km}=$ the years of the time (" 1 January") when God banished Adam from the Garden of Eden to the time of the Christian era.

## THE CORD OF ORION

"Can you loose the cord of Orion?" (Job, 38, 31)
The three stars of Orion's belt are the cord of Orion.
Mintaka (A) is located on the line of celestial equator (Sun's direction in the days of vernal and autumnal equinox (21 March and 21 September).

Alnilam (B): 05 hours, $36^{\prime} 12,8^{\prime \prime}=5,603555556$ hours of RA (right ascension) and $-01^{\circ} 12^{\prime} 07^{\prime \prime}=-1,201944444^{\circ}$ of DEC (declination). $\mathbf{B E}=6,396333335$ hours $=$ on Earth's curved surface this is $95,94666667^{\circ}=\mathbf{1 0 . 6 5 0 , 0 8} \mathbf{~ k m}\left(1\right.$ hour $=15^{\circ}=1665 \mathrm{~km}$ ), $\mathbf{E D}=23,92219078^{\circ}=\mathbf{2 . 6 5 5 , 3 6 3 1 7 7} \mathbf{~ k m}$ on the Earth's surface $=$ the years from the Great Flood to the years $\mathbf{3 0 - 3 1}$ AD.

Alnitak (C): RA $=5$ hours, $40^{\prime} 45,5^{\prime \prime}=5,67930556$ hours. $\mathbf{C F}=6,320694445$ hours $=94,81041667^{\circ}$ on the Earth's surface $=$ $=10.523,95625 \mathrm{~km}$.
$\mathbf{F G}=23,63889184^{\circ}=\mathbf{2 . 6 2 3 , 9 1 6 9 9 4} \mathbf{~ k m}=$ on the Earth surface $=$ from the Flood to the year 3 BC = the baby Jesus was in Egypt.


Figure 44. The cord of Orion

## EARTH, SOLOMON'S TEMPLE AND THE PYRAMID

Earth's Equator $=40.077,27418 \mathrm{~km}$


Figure 45.

Circle A = Earth
$\mathbf{d}=$ Equatorial diameter of the Earth $=12.757,00336 \mathrm{~km}$

$$
\text { Area }=127.816 .480,3 \mathrm{~km}^{2}
$$

## Square B:

Area $=127.816 .480,3 \mathrm{~km}^{2}=$ area of the circle $\mathbf{A}$
Side $\mathbf{C}=11.305,59509 \mathrm{~km}=1.130 .559 .509 \mathrm{~cm}$.

## Solomon's temple:

Portal (high) $=120$ Sacred Cubits

| Length $=60 \quad$ " | " |
| ---: | :--- |
| Width $=20 \quad "$ | $"$ |
| Height $=30 \quad " \quad$ |  |

The numbers of the Temple are code:

- Number 120
- Number 60
- Number 30
- Number 20
a) $1.130 .559 .509: \mathbf{1 2 0}=9.421 .329,241 \mathrm{~cm}$
b) $9.421 .329,241: \mathbf{6 0}=157.022,154 \mathrm{~cm}$
c) $157.022,154: \mathbf{3 0}=5.234,071801 \mathrm{~cm}=\mathbf{2 . 0 6 0 , 6 5 8 1 8 9}$ inches
d) $5.234,071801: \mathbf{2 0}=261,70359 \mathrm{~cm}=\mathbf{1 0 3 , 0 3 2 9 0 9 5}$ inches


## The Great Pyramid:

King's Chamber:

- Length $=412,1316378$ inches
- Width $=\mathbf{2 0 6 , 0 6 5 8 1 8 9}$ inches
$-1 / 2$ of the Chamber's width $=\mathbf{1 0 3}, \mathbf{0 3 2 9 0 9 5}$ inches


## THE MEASURES OF THE TEMPLE'S PORTAL

The height of the portal of the Solomon's temple $=120$ Sacred Cubits $=7.620 \mathrm{~cm}$. The volume of the cube with these measurements is $\mathbf{4 4 2 . 4 5 0 . 7 2 8}$ liters.

Inside the temple was the table with $\mathbf{1 2}$ loaves of breads ( 12 sons of Israel):
442.450.728: $\mathbf{1 2}=\mathbf{3 6 . 8 7 0 . 8 9 4}=40$ volumes of the Tent of Meeting, 48.000 volumes of the Table for 12 breads, 72.000 volumes of the Altar of Incense.

The year 1 AD: summer solstice was 21 Jun of the Julian calendar. From the end of the Creation of the world to 21 Jun 1 AD was $4.282,472794$ years $=1.564 .138,928$ days $=\mathbf{2 3 . 4 7 2 , 7 6 3 8 6}$ liters:
36.870.894 : 23.472,76386 $=\mathbf{1 . 5 7 0 , 7 9 4 7 4}=500 \mathrm{Pi}$.

## THE SUN, EARTH AND THE BIRTH OF JESUS CHRIST

From the end of the Creation to 25 December 4 BC (when was Jesus Christ born) $=\mathbf{4 2 7 8 , 9 8 3}$ years.

Earth - Sun $($ distance $)=\mathbf{1 4 9 . 5 9 7 . 8 7 0} \mathrm{km}=1 \mathrm{AU}($ Astronomical unit).

Earth's equatorial radius $=\mathbf{6 . 3 7 8 , 5 0 1 6 8} \mathrm{km}$.

$$
149.597 .870: 6.378,50168=23.453,44996
$$

$23.453,44996$ liters $=1.562 .851,921$ days $=4.278,949082$ years (about 13 days lesser from 4.278,983 years from the end of Creation to the day when was Jesus Christ born).
$(149.597 .870 \times 2) \times 3,14159=939.950 .344,8 \mathrm{~km}=$ the Earth's orbit around the Sun.
$939.950 .344,8: 23.453,44996=40.077,27418 \mathrm{~km}=$ the length of the Earth's Equator.

## BIBLICAL 430 YEARS

"Now the length of time the Israelite people lived in Egypt was 430 years. At the end of the 430 years, to the very day, all the Lord's division left Egypt." (Exod. 12, 40-41)

$$
430 \times 365,242=157.054,06 \text { days }
$$

$157.054,06 \times 2=314.108,12(\mathrm{Pi}=3,14159)$
"Consecrate the fiftieth year and proclaim liberty throughout the land to all its inhabitants. It shall be a jubilee for you; each one of you is to return to his family property and each to his own clan.

The fiftieth year shall be a jubilee for you; do not sow and do not reap what grows of itself or harvest the untended vines. For it is a jubilee and is to be holy for you; eat only what is taken directly from the fields.

In this Year of Jubilee everyone is to return to his own property."
(Lev. 25, 10-13)

$$
430: 50=8,6 \text { years }=3.141,0812(\mathrm{Pi}=3,14159)
$$

The length of the King's Chamber is 412,1316378 inches and width is 206,0658189 inches:

430 years $=157.054,06$ days:

$$
157.054,06: 412,1316378=381,077416 \text { days }
$$

$430: 381,077416=1,128379644$
$1,128379644 \times 1,128379644=1,273240621=$ tangent of the $51,85399754^{\circ}=$ angle of rise of the Great Pyramid.

1 year $=365,242$ days $=$ one side of the square $\mathbf{B}($ Figure 40):
$365,242 \times 1,128379644=412,1316379$ days $=$ length of the King's Chamber (in inches) $=$ diameter (d) of the circle A (Figure 46).


Figure 46.
$182,621 \times 1,128379644=\mathbf{2 0 6}, \mathbf{0 6 5 8 1 8 9}$
232,5204754 Sacred Cubits $=$ height of the Great Pyramid:
$232,5204754: 1,128379644=\mathbf{2 0 6}, \mathbf{0 6 5 8 1 8 9}=$ width of the King's Chamber in inches:


Figure 47.

206,0658189: $2=103,0329095=$ diameter $\mathbf{d}$ of the circle (Figure 47 ) $=$ the number of the days from 1 January to the beginning of 14 April 31 AD: the day when was Jesus Christ lead out Adam, Eve and other righteousness from the Hell into Heavenly Kingdom.


Figure 48.

## Figure 48:

$\mathbf{r}=$ radius of the circle $\mathbf{B}=103,0329095$ days
$\boldsymbol{\beta}=32,48165854^{\circ}=$ angle of ascend of north channel of King's Chamber (tangent $=0,63662031$ ):
$103,0329095 \times 0,63662031=65,59284278$ days $=\mathbf{r} \mathbf{2}=$ radius of the circle $\mathbf{C}$;

Diameter of the circle $\mathbf{C}=131,1856856$ days:
$131,1856856 \times 3,14159=\mathbf{4 1 2 , 1 3 1 6 3 8}$ days $=$ length of the King's Chamber (in inches): 412,131638 days $=\mathbf{1 , 1 2 8 3 7 9 6 4 4}$ years:
$1,128379644^{2}=\mathbf{1 , 2 7 3 2 4 0 6 2 1}=$ tangent of $51,85399754^{\circ}($ angle of rise of the Great Pyramid.)

Area of the circle $\mathbf{C}=13.516,44286$ days $=$ area of the square $\mathbf{A 1}$. One side of the square $\mathbf{A 1}=116,2602377$ days:
$116,2602377 \times 3,14159=365,242$ days $=1$ year


Figure 49. The channel $\boldsymbol{K}$ - $\boldsymbol{B}$ symbolizes Christ's leading the righteous out of hell and into heaven. The granite blockade (C) will be broken (crushed) upon Resurrection on the Judgment Day.

## SUN AND SIRIUS

Precession of the Equinox is the observed phenomenon whereby the Sun (and Sirius) moves backward through the constellations of the Zodiac at the rate of 50,291 arch seconds annually:
a) From the end of the Creation to the beginning of 25 December 4 BC, when Jesus Christ was born, $4.282,98238$ years past.
b) The Great Pyramid (base and height) $=597,7624754$ Sacred Cubits.

How many years are needed for Sun (and Sirius) to move 59,77624754 degrees?
$59,77624754: 4278,98238=0,013969734$ degrees $=0,838184067$ arc minutes $=50,291044$ arc seconds annually.
$4.278,98238: 59,77624754=71,58332207$ years for the movement of $1 .{ }^{\circ}$

## EARTH - MOON

The Moon is in an elliptical 28-day orbit ranging from 220.000 to about 252.000 miles from Earth. On average, the center of the Moon is about 238.700 miles or $\mathbf{3 8 4 . 1 5 0 , 4 1 2 8} \mathbf{~ k m}$ from the center of Earth. Laser ranging techniques have techniques have allowed astronomers to narrow the exact measurement to within less than an inch.

The height of the Great Pyramid: $14.765,05019 \mathrm{~cm}=0,1476505019$ km:
$0,1476505019 \times 100.000 .000 .000=1.476 .505 .019 \mathrm{~km}$ :
$\sqrt{ } 1.476 .505 .019=\mathbf{3 8 4} .253,1742 \mathbf{k m}$ :
384.253,1742-384.150,4128 $=102,761422 \mathrm{~km}$

## ORION IS THE WITNESS



Figure 50. Orion
$\mathbf{E}=$ the line of the sky's equator.
$\mathbf{A}=$ Orion's star Alnitak

- Distance EA (declination, DEC) $=1^{\circ} 56^{\prime} 33,9918359^{\prime \prime}\left(1^{\circ} 56^{\prime} 34^{\prime \prime}\right)$ $1^{\circ} 56^{\prime} 33,9918359^{\prime \prime}=1,94277551^{\circ}$
- On the Earth curved surface $\mathbf{1}^{\circ}=\mathbf{1 1 1} \mathbf{~ k m}$ :
$1,94277551^{\circ}=215,6480816 \mathrm{~km}$
- Circle Z $=\mathbf{3 6 . 5 2 4 , 2} \mathrm{km}^{2}$ :
$36.524,2 \times 1,273240621$ (tangent of the Pyramid's ascending angle) $=$ 46.504,0951 km:
a) $215,6480816 \times 215,6480816=\mathbf{4 6 . 5 0 4 , 0 9 5 1} \mathrm{km}$;
b) $46.504,0951: 2=\mathbf{2 3 . 2 5 2}, \mathbf{0 4 7 5 5} \mathrm{km}$ (height of the Great Pyramid $=\mathbf{2 3 2 , 5 2 0 4 7 5 5}$ Sacred Cubits);
c) $23.252,04755: 2=\mathbf{1 1 . 6 2 6}, 02377 \mathrm{~km}$ (length of the Antechamber $=\mathbf{1 1 6 , 2 6 0 2 3 7 7}$ inches);
d) $11.626,02377: 2=\mathbf{5 . 8 1 3}, \mathbf{0 1 1 8 8 5} \mathrm{km}$ (height of the Great Pyramid $=\mathbf{5 . 8 1 3 , 0 1 1 8 8 5}$ inches);
е) $5.813,011885: 2=\mathbf{7 2 6 , 6 2 6 4 8 5 9} \mathrm{km}=6,546184552^{\circ}=\alpha$ (Figure 51) $=$ the spot $\mathbf{B}=$ position of the Great Pyramid on 21 June (Summer Solstice).


Figure 51.
" The heavens declare the glory of God; the skies proclaim the work of his hands." (Psalm, 38, 1)

## GREAT PYRAMID, JERUSALEM AND THE SUN



Figure 52. The Sun, Moon and the Earth; The Great Pyramid (Giza) and Jerusalem (distances are not drawn to scale).

## Latitude:

Great Pyramid $=\mathbf{3 0}^{\mathbf{o}} \mathbf{N}$
Jerusalem $=\mathbf{3 1 , 7 9 7 2 1 5 9}{ }^{\circ} \mathbf{N}$
$31,7972159-30=1,7972159^{\circ}=\mathbf{A}-\mathrm{B}$ (Figure 52.).
On the curved Earth's surface $\mathbf{1}^{\mathbf{0}}=\mathbf{1 1 1} \mathbf{~ k m}$ :
$1,7972159^{\circ}=\mathbf{1 9 9 , 4 9 0 9 6 4 9} \mathbf{~ k m}=$ A-B.
One side of the Pyramid's base $=365,242$ Sacred Cubits $=\mathbf{0 , 2 3 1 9 2 8 6 7}$ km.

Four sides of the Pyramid's base $=\mathbf{0 , 9 2 7 7 1 4 6 8} \mathbf{k m}=\mathbf{B - C}($ Figure 52$)$ :
$0,92771468: 199,4909649=\mathbf{0 , 0 0 4 6 5 0 4 1}=$ tangent of the angle $\boldsymbol{\beta}$ (Figure 52-53.)


Figure 53. Ecliptic of the Sun (the dimensions of bodies and distances are not drawn to scale).

The distance from the Earth to the $\operatorname{Sun}=\mathbf{1 4 9 . 5 9 7 . 8 7 0} \mathbf{~ k m}=\mathbf{1}$ Astronomical Unit (1 AU) = S-E (Figure 53).
$149.597870 \times 0,00465041=\mathbf{6 9 5} .691, \mathbf{4 3 0 6} \mathbf{~ k m}=\mathbf{R}=$ radius of the Sun.

Radius of the Moon $=\mathbf{1 7 3 8} \mathbf{~ k m}$ :
$1738: 0,00465041=\mathbf{3 7 3 . 7 3 0}, \mathbf{4 8 8 3} \mathbf{~ k m}=$ the distance from the Earth to the Moon.

Four sides of the Pyramid's base $=4 \times 365,242=\mathbf{1 4 6 0 , 9 6 8}$ Sacred Cubits:

1460,968: 0,00465041 = 314.159 Sacred Cubits $=100.000 \mathbf{x}$ $\mathbf{3 , 1 4 1 5 9} \mathbf{( 1 0 0 . 0 0 0 P i})=\mathbf{1 9 9 , 4 9 0 9 4 3 8} \mathbf{~ k m}=\mathbf{A - B}$ (Figure 52).

## THE SUN AND SOLOMON'S TEMPLE



Figure 54. The Earth, Moon, Sun and the Solomon's temple.
"And thus Solomon began to build the house of God: the length in cubits - even the first measurement from end to end, was sixty cubits, and the breadth twenty cubits.
And the portico in front of the house, its length in front of the breadth of the house was twenty cubits, and its height a hundred and twenty cubits." (2 Chron. 2, 3)
$(B-C)=120$ Sacred Cubits (the first measurement from end to end) $=$ 7620 cm .

Tangent of the angle $\boldsymbol{\beta}=\mathbf{0}, 00465041$.
Height of the Great Pyramid $=\mathbf{1 4 . 7 6 5 , 0 5 0 1 9} \mathbf{~ c m}$
$14.765,05019: 10.000=\mathbf{1 , 4 7 6 5 0 5 0 1 9} \mathbf{c m}$

If a certain object was to travel with a speed of $\mathbf{1 , 4 7 6 5 0 5 0 1}$ $\mathbf{c m} /$ hour, for 24 hours ( one day) it would travel a distance of $\mathbf{3 5 , 4 3 6 1 2 0 4 6} \mathbf{c m}$ :
$\mathbf{3 5 , 4 3 6 1 2 0 4 6}$ : $\mathbf{0 , 0 0 4 6 5 0 4 1}=7620 \mathbf{c m}=120$ Sacred Cubits $=$ B-C $=$ the height of the portico of the Solomon's temple.
$35,43612046 \times 10=\mathbf{3 5 4 , 3 6 1 2 0 4 6}=$ days of the lunar year.
$35,43612046 \times 18,000.000=\mathbf{6 3 7 8 , 5 0 1 6 8 3} \mathbf{~ k m}=$ Earth's equatorial radius.

Earth's equatorial diameter $=12.757,00336 \mathrm{~km}=\mathbf{1 . 2 7 5 . 7 0 0 . 3 3 6} \mathbf{~ c m}$ :
1.275.700.336 : $35,43612046=\mathbf{1 / 3 6 . 0 0 0 . 0 0 0}$ parts of the Earth's equatorial diameter.

With the speed of $35,43612046 \mathrm{~cm} / \mathrm{sec}$., for one minute ( 60 seconds) a certain object was to travel a distance of $\mathbf{1 2 7 . 5 7 0 , 0 3 3 7}$ $\mathbf{c m}=\mathbf{1 / 1 0 . 0 0 0}$ parts of the Earth's equatorial diameter.

## BOAZ AND JACHIN



Figure 55.

Boaz and Jachin, two pillars, stood in the porch of Solomon's Temple.

Boaz and Jachin:
Height $=27$ Sacred Cubits $=\mathbf{1 7 1 4 . 5} \mathbf{~ c m}$
$2 \times 54$ Sacred Cubits $=\mathbf{3 4 2 9} \mathbf{~ c m}$
Tangent of the angle $\boldsymbol{\beta}=\mathbf{0 , 0 0 4 6 5 0 4 1}$
$3429 \times \mathbf{0 , 0 0 4 6 5 0 4 1}=\mathbf{1 5 , 9 4 6 2 5 5 8 9} \mathbf{~ c m}$
$4 \times 15,94625589=63,78502356 \mathrm{~cm}$
$15,94625589 \times \mathbf{4 0 , 0 0 0 . 0 0 0}=\mathbf{6 3 7 8 , 5 0 2 3 5 6} \mathbf{~ k m}=$ Earth's equatorial radius.
$8 \times 15,94625589 \mathrm{~cm}=\mathbf{1 2 7 , 5 7 0 0 4 7 1} \mathbf{~ c m}=\mathbf{1 / 1 0 . 0 0 0 . 0 0 0}$ parts of the Earth's equatorial diameter.

## SUN'S PARALAX AND THE SOLOMON'S BRAZEN SEA

"He made the Sea of cast metal, circular in shape, measuring ten cubits from rim to rim and five cubits high. It took a line of thirty cubits to measure around it."
"The Sea stood on twelve bulls..." (2 Chron. 4, 2-3)
Diameter of the $\mathrm{Sea}=10$ Sacred Cubits $=\mathbf{6 3 5} \mathrm{cm}$ :
$635 \times 3,14159=1994,90965 \mathrm{~cm}$
Tangent of the angle $\boldsymbol{\beta}$ (Figure 52, 53, 54, 55) $=\mathbf{0 , 0 0 4 6 5 0 4 1}$
$1994,90965 \times 0,00465041=\mathbf{9 , 2 7 7 1 4 7 7 8 5} \mathbf{c m}$

12 bulls = 12 parts:
$9,277147785: 12=\mathbf{0 , 7 7 3 0 9 5 6 4 9} \mathrm{cm}$
If a certain object was to travel with a speed of 0,773095649 $\mathrm{cm} / \mathrm{sec}$., for one minute it would travel a distance of $\mathbf{4 6 , 3 8 5 7 3 8 9 3}$ cm : two sides of the Pyramid's base $=\mathbf{4 6} .385,734 \mathrm{~cm}$

Circumference of the Sea (around) $=30$ Sacred Cubits $=\mathbf{1 9 0 5} \mathrm{cm}$ :
$1905 \times 0,00465041=8,85903105 \mathrm{~cm}$ : If a certain object was to travel with a speed of $8,85903105 \mathrm{~cm} / \mathrm{min}$., for 24 hours it would travel a distance of $12.757,00471 \mathrm{~cm}$ : equatorial diameter of the Earth $=12.757,00336 \mathrm{~km}$.

Around the Sea $=30$ Sacred Cubits $=1905 \mathrm{~cm}$
$30: 3,14159=9,549304651$ Sacred Cubits $=\mathbf{6 0 6 , 3 8 0 8 4 5 4} \mathrm{cm}$
$606,3808454 \times 0,00465041=2,819919547 \mathrm{~cm}$ : if a certain object was to travel with a speed of $2,819919547 \mathrm{~cm} / \mathrm{min}$., for 24 hours it would travel a distance of $4060,684148 \mathrm{~cm}$.

Tangent of the angle of King's Chamber north "air" channel = $\mathbf{0 , 6 3 6 6 2 0 3 1}$
$4060,684148: 0,63662031=\mathbf{6 3 7 8 , 5 0 2 3 5 7} \mathrm{cm}$ : equatorial radius of the Earth $=\mathbf{6 3 7 8 , 5 0 1 6 8} \mathbf{k m}$.
$4060,684148 \times 3,14159=12.757,00471 \mathrm{~cm}$ : Earth's equatorial diameter $=\mathbf{1 2 . 7 5 7 , 0 0 3 3 6} \mathbf{~ k m}$.

Distance from rim to rim $=10$ Sacred Cubits $=\mathbf{6 3 , 5} \mathrm{cm}$.
$635 \times 0,00465041=2,953010035 \mathrm{~cm}=2 \times 1,476505018 \mathrm{~cm}=$ $\mathbf{1 / 1 0 . 0 0 0}$ of the Pyramid's height.

## ABOUT THE AUTHOR

Petko Nikolic Vidusa, modern Canadian pyramidologist, born in 1952 in Bosnian mountain village Vidusa ( $44^{\circ} 6^{\prime} 39^{\prime \prime} N, 18^{\circ} 1^{\prime} 60^{\prime \prime}$ E) about 50 km northwest of Sarajevo. He has been a teacher. Now lives in Kitchener, Ontario. Over 11 years the focus of his interest is the Great Pyramid and the Bible, and the connection between them.

