

## Ancient Time Patterns

Floyd R. Cox (See page 5 revised 11/05/2023)
There are several problems we need to solve before attempting to sort out time patterns between creation, the Hebrew date of creation, year of Adam's death, Noah being 251 times two at Shem's birth with Shem living $251 \times 2$ after the flood, the nations being scattered 251 sabbaticals after Adam, Abraham's birth 251 times 8 after Adam, Joseph's birth 251 times 9 after Adam, Joseph, age 30, standing before the Pharaoh 532 years ( $251 \times 2+30$ ) after the nations were scattered, the good and bad years in Egypt ending 245 years (490/2) before Joshua crossed the Jordan into the Promised Land.

This implies that TABLE 1 needs to bring us up to the entry level in order to explore more advanced concepts. A major problem is that many scholars and academia begin the Sabbaticals and Jubilees after Joshua crossed the Jordan into the Promised Land.

TABLE 1. Jubilees after 1652, 1407, 966, $\mathbf{6 2 3}$ BC and 70 AD (by Floyd R. Cox, Revised on 10-20-2022)
Pdf Version (much better): https://code251.com/index.pdf

| $\begin{array}{\|l\|} \hline 3955 / 54 \mathrm{BC} \\ \text { Venerable Bede: } 3952 \end{array}$ | 2926/25 BC | 个 | 1897 BC | 917 BC | $\begin{gathered} 574 \mathrm{BC} \text { to } \\ =588 \mathrm{yrs} . \end{gathered}$ | $\begin{aligned} & 14 \mathrm{AD} \\ & 49 \times 12) \end{aligned}$ | AD 1043 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3906 BC | 2877/76 BC | I | 1848 BC | 868 BC | AD 63 |  | AD 1092 |  |
| 3857 BC | 2828/27 BC | , | 1799 BC | 819 BC | AD 12 |  | AD 1141 |  |
| 3808 BC | 2779/78 BC | 1 | 1750 BC I | 770 BC | AD160/61 | $\uparrow$ | AD 1190 |  |
| 3759 BC | 2730/29 BC | 490 yrs | 1701 BC 343 yrs | 721 BC | AD209/10 | 1 | AD 1239 |  |
| 3710 BC | 2681/80 BC |  | $\begin{aligned} & 1652 \mathrm{BC} \\ & \text { drought ends } \end{aligned}$ | 672 BC | AD258/59 | I | AD 1288 |  |
| 3661 BC | 2632/31 BC | $\uparrow$ ¢ | 1603 BC | 623 BC | AD3078 | 1 | AD 1337 |  |
| 3612 BC | 2583/82 BC | 245 | 1554 BC | 574 BC | AD356 | 1 | AD 1386 |  |
| 3563 BC | 2534/33 BC | 11 | $1505 \mathrm{BC}^{47} \mathrm{yrs}$ > | 527 BC | AD405 | 1 | AD 1435 |  |
| 3514 BC | 2485/84 BC | 11 | 1456 BC | 478 BC | AD454 | I | AD 1484 | 833 = 17 |
| 3465 BC | 2436/35 BC | * | 1407 BC | 429 BC | AD503 | 833 yr's | AD 1533 | .jubilees |
| 3416 BC | 2387/86 BC |  | 1358 BC | 380 BC | AD552 | 1 | AD 1582 |  |
| 3367 BC | 2338/37 BC |  | 1309 BC | 331 BC | AD601 | 1 | AD 1631 |  |
| 3318 BC | 2289/88 BC |  | 1260 BC | 282 BC | AD650 | 1 | AD 1680 |  |
| 3269 BC | 2240/39 BC | 441 yrs | 1211 BC | 233 BC | AD6700 | 1 | AD 1729 |  |
| 3220 BC | 2191/90 BC |  | 1162 BC | 184 BC | AD749 | 1 | AD 1778 |  |
| 3171 BC | 2142/41 BC | 1 | 1113 BC | 135 BC | AD798 | 1 | AD 1827 |  |
| 3122 BC | 2093/92 BC | 1 | 1064 BC | 86 BC | AD847 | 1 | AD 1876 |  |
| 3073 BC | 2044/23 BC | ' | 1015 BC | 37 BC | AD896 | 1 | AD 1925 |  |
| 3024 BC 931 AM | 1995/94 BC | 1 | 49 yrs | 49 | AD945 | 1 | AD 1974 |  |
| 2975 BC 980 AM | 1946/45 BC | $\pm$ | 966 BC | $\begin{aligned} & 12 \mathrm{AD}+2 \\ & =14 \mathrm{AD} \end{aligned}$ | AD994 | 1 | 49 yrs |  |
| Lev. 25:8-9-10: Jubilees $7^{\text {th }} \mathrm{mo}, 4^{\text {th }}$ year to the $7^{\text {th }}$ mo of $50^{\text {th }} \mathbf{y r}$., thus in the summers of $2023-2030 \mathrm{AD} \downarrow$ |  |  |  |  |  |  | AD 2023 |  |

TABLE 2. Jubilees after 1652 BC, 2303 years (47 Jubilees) after Creation

| BC |
| :---: |
| $\mathbf{3 9 5 5}$ Creation |
| $3906 / 05$ |
| $3857 / 56$ |
| $3808 / 07$ |
| $\mathbf{3 7 5 9 / 5 8}$ |
| $3710 / 09$ |
| $3661 / 60$ |
| $3612 / 11$ |
| $3563 / 62$ |
| $3514 / 13$ |
| $3465 / 64$ |
| $3416 / 15$ |
| $3367 / 66$ |
| $3318 / 17$ |
| $3269 / 68$ |
| $3220 / 19$ |
| $3171 / 70$ |
| $3122 / 21$ |
| $3073 / 72$ |
| $\mathbf{3 0 2 4 / 2 3}$ |
| $2975 / 74$ |
| 29 |

2926/25
2877/76
2828/27
2779/78
2730/29
2681/80
2632/31

2583/82

2534/33
2485/84
2436/35
2387/86
2338/37
2289/88
2240/39
42
2198/97
07
2191/90

Note that, in TABLE 1, the $1^{\text {st }}$ temple sabbaticals preserved the cycle of 1407 , from $1407,966,623,588,539$, and 490 BC. Post captivity follows 604, 569, 520, 422, 331, 163, 44, 37 and 2 BC as in Josephus' Antiquiyies.

Ussher's date of creation in 4004 is 49 years before $\mathbf{3 9 5 5}$. Hebrew date of Creation in 3759 BC is 196 years, 4 jubilees, after 3955. Adam's death in 3024 BC is 931 years ( 19 jubilees) after $\mathbf{3 9 5 5}$. Joseph was born $251 \times 9$ after 3955 BC, in 1696 BC, that is, $251 \times 2$ after Babel. (The 251 -year cycle predated the BC \& AD dating method.) He was age $\underline{30}(\underline{4 \times 7+2}),(251 \times 2+30)$, when he stood before the Pharaoh, $(\underline{2259+30})$ after $\underline{3955}$ Exodus was $251 \times 10$ after $\mathbf{3 9 5 5}$ BC Sabbaticals after 569 BC, when Nebuchadnezzar became a wild beast 7 years, the cycle changed to 520, 331, 163 and 37 BC. This cycle differs two years from the 3955 BC down to 539 BC cycle.
By adding 30 years to $37 / 36 \mathrm{BC}$ (as in the time of Joseph), this brings the cycle down to $7 / 6 \mathrm{BC}$, $1 \mathrm{BC} / 1 \mathrm{AD}$ and to 69/70 AD (as in Ussher's and Wacholder's dates) for the first century.

The Jewish timeline, evidently, omitted 165 years between 539 and 331 BC in order to create $532 \times 7$ years between creation in 3761 BC and Herod in 37 BC. These 165 years included dating the temple as 832 instead of 968 BC , which would omit 136 years) and by omitting 60 years between Abraham and his father. Total omitted is 196 years ( 4 jubilees). 136 plus 60 years $=196$ years ( 4 jubilees) omitted and these need to be restored from 3761 back to 3955 BC .

| 252-1 = 251 |  | 201 yrs. |
| :---: | :---: | :---: |
| 252-1 = | 1947 BC | Abraham's birth ( $251 \times 8=\mathbf{2 0 0 8}$ yrs.) after Adam |
|  | 251 | $\underline{251}$ yrs. |
|  | 1696 BC | Joseph's birth (251 x 9 = 2259 yrs.) after Adam |
| $28+2=$ | 30 | 30 Joseph |
|  | $1666 \mathrm{BC}=7 \times 238$ | 532 Joseph age 30 stood before the Pharaoh ( $532=7 \times 76$ ) |
|  | 7 years of plenty | ( 28 solar x 19 lunar $=532$ years) |
|  | 1659 BC $=7 \times 237$ |  |
|  | 7 years of drought | Drought ends 2303 years after Adam. |
| Ussher $=1702$ | $1652 \mathrm{BC}=7 \times 236$ | End of 7-year drought 47 Jubilees after Adam. |
|  | 245 yrs. $=490 / 2$ | $7 \times 35=245$ yrs. $=5$ Jubilees before 1407 BC |
|  | 1407 / 1406 BC | 40 years after the Exodus in 1447. Sabbaticals restored 52 jubilees after |
|  | $44149 \times 9 \quad 7 \times 63$ |  |
|  | 966 BC $7 \times 138$ | Two years after the temple was founded in 968 BC 2989 yrs. ( 61 jubilees) after Adam ( $427 \times 7$ ) $8 \times 49$ before 574 (Ezekiel 40:1) |
|  | 427 |  |
|  | 539 / 538 $7 \times 77$ | Cyrus of Persia captures Babylon |
| 252-1 = | 251 yrs. |  |
|  | 288 / 287 BC | Library of Alexandria founded |
| 252-1 = | 251 yrs. | $502 \mathrm{yrs}(=\mathbf{2 5 1} \times 2)(7 \times 76=532)(502+30=532)$ |
|  | $37 / 36$ BC | Herod captures Jerusalem |
| $28+2=$ | 30 yrs . | (as in Joseph being age 30) ( $7 \times 4=28$ ) |
|  | 7 / 6 BC | $\underline{532}$ years ( $28 \times 19=532$ ) Herod dies in $4 B C$. |
|  | 14 yrs. | Coins in 2/1 BC ( 35 yrs . after 37 BC ) are undated. |
|  | 6/7 AD |  |
|  | 63 yrs . |  |
|  | 69/70 AD | Rome captures Jerusalem \& destroys the temple |

The Creative Process starts with a thumbnail sketch and progresses toward a comprehensive version. For example, what if the sabbaticals began at creation, before Joshua? (Compare TABLE 1 and TABLE 4a)

## My 251-Year Pattern Confirmed by Archbishop Ussher

Archbishop James Ussher helped place events of the Bible in a chronological order. He has received a lot of credit for this, but he never found the 251 -year pattern this present writer has discovered throughout the book of Genesis and elsewhere.

Ussher's work, The Annals of the World, was published in 1658, two years after his death. The Annals is a chronology back to Adam, $4,004 \mathrm{BC}$, a timeline for the births, deaths and other events in the years AM (After Man). The following 251 -year patterns may cause some to rethink the validity of the Hebrew calendar, which sets the date of creation at 3761 BC . Researchers in general set the date centuries earlier. Here is the pattern: Ussher's Jubilees. Shem was born when Noah was 502 ( $251 \times 2$ ), and Shem continued to live for 502 years after the flood (Ussher: pages $21 \& 27$ ). Ussher states what happened in the years 1757, 2008, and 2259, but he never observed that these dates form a 251- year pattern:

0 AM: (A.M. =After Man). Adam was 1656 Years before the Flood as found HERE.
1757 AM: Birth of Peleg, fall of Babel
2008 AM: Birth of Abraham
2259 AM: Birth of Joseph
2513 AM: The Exodus from Egypt
$1757=251 \times 7$ (Ussher: page 21) $2008=251 \times 8$ (Ussher: page 22)
$2259=251 \times 9$ (Ussher: page 29)
$2510=251 \times 10$ (Ussher: page 39
Each of these numbers after Creation is divisible by 251 except 2513. It should be 2510 AM, but Ussher made a 3 -year mistake for the period between Abraham and the exodus. Ussher had no idea these numbers formed into a pattern!

## Introductory Examples

Acts 7:2-3 says Abraham was called before he dwelled in Haran, while he was still in Ur of the Chaldeans, 430 years before the Exodus. He left Haran 427 years before the exodus. This is supported by counting 1656 years from Adam to the flood and then add 427 more years to when Abraham turned age 75, when he lived in Haran. Then add 427 years until the exodus ( $1656+427+427=2510$ years from Adam to the exodus).

It will be shown that 966 BC was 427 sabbaticals after Adam Ancient Timeline Needing Explained.
There were 427 years from Shiloh to 966 BC and 427 years from 966 to 539 BC. 427 years equal 61 sabbaticals.

These numbers are related to the solar and lunar calendars. The solar calendar, originating with Julius Caesar, had leap years every 4 years, and 7 -year sabbaticals after 44 BC. After 28 years ( $4 \times 7$ ), all dates repeated. The lunar calendar had 235 moons in 19 years after which the dates the next 19 years repeated.

The dates in both the 28 and 19 years repeated after 532 years $(28 \times 19=532)$, as mentioned above with Joseph.

The king of Babylon became as a wild animal for seven years, $532 \times 6$ after Adam, 532 years before Herod Conquered Jerusalem in 37 BC. Cyrus captured Babylon in 539 BC, 251 sabbaticals before Herod captured Jerusalem, which was $532 \times 7$ ( 76 jubilees) after the Jews' date of creation in 3761 BC Cycles Related to 4, 7,

## 28, 19 \& 532.

$196(49 \times 4)+1460(365 \times 4)=1656 \ldots$ the number of years from Adam to Noah's Flood. There are 1460 ( $365 \times 4$ ) days before adding a leap year day, February 29, every four years.

196 years ( $49 \times 4$ ) were removed from the Hebrew calendar, and they need to be restored.
Other time-patterns are covered by the Related Topics on top of page one.
Awareness of these patterns may affect our worldview and help us avoid becoming a presumptuous, one-man-show who has not learned the basics. We need all the tools we can collect to defend ourselves from wild conjecture.

The one event which should convince readers not to believe these patterns were not contriveD by the Jews is that a hand wrote on a wall while the Babylonians were eating and drinking with the gold and silver things taken from Jerusalem's temple. The writing said Babylon would fall that very day. The Persians entered under the wall, where the Euphrates had been dried up. The wall was thick enough to enable a four-horse chariot to make a u-turn on top of the wall. This implies that a Captain of a host in the Higher Realm was over the Persian forces crossing the Euphrates. This ended the 70 years spoken of by Jeremiah, Daniel 9 and Ezra 1.

## TABLE 3a. Jubilees based upon Creation in 4004 or 3955 BC

(From Adam to Moses) (Revised 11/5/2023)

|  | Dates after 4004 BC (11-yr Flaw After the Exodus) |  |  | Secular Dates after 3955 BC (Bede says 3952 BC) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Us Pages | sher's Annals of AM After Man | e World BC | Dates <br> 1 Jubilee Apart | BC |
| Adam |  | 0000 | $=4004$ | -49 | $=3955$ |
| Flood | 19 | 1656 | $=2348$ | -49 | $=2299$ |
| Nations sent from Babel | 21 | $\begin{array}{r} 1757 \\ \text { to Abraham }-251 \end{array}$ | $=2247$ <br> Sabbatical | -49 | $\begin{aligned} = & 2198-251^{\text {st }} \text { Sabbatical } \\ & -251 \text { to Abraham } \end{aligned}$ |
| Abraham born <br> Annals on page 21: | 22 | $\begin{array}{r} (251 \times 8) 2008 \\ 72 \end{array}$ | $=1996$ | $-49$ | $\begin{aligned} = & 1947 \\ & \mathbf{- 2 5 1} \text { to Joseph } \end{aligned}$ |
| Abraham age 72 |  | $\begin{array}{r} +2080 \\ 3 \end{array}$ | -75 | -- |  |
| Abraham age 75 <br> 427 yrs after the flood | 25 | $\begin{array}{r} 2083 \\ 174 \end{array}$ | $\begin{array}{r} =1921 \\ -174 \end{array}$ | -49 | $=1872$ |
| Joseph born 2259 <br> Annals page 29 <br> Becomes ruler 532 yrs after 1757, age 30 | 29 | $\begin{array}{r} (251 \times 9) 2259 \\ +44 \end{array}$ | $\begin{array}{r} =1745 \\ -44 \end{array}$ |  | $\begin{array}{r} =1696 \\ -44 \end{array}$ |
| $47^{\text {th }}$ Jubilee 2303, 5 yrs. after Jacob and family entered Egypt in year 2298) |  | $\begin{array}{r} (49 \times 47) \\ 2303 \\ +49 \end{array}$ | $\begin{array}{r} =1701 \\ -49 \end{array}$ |  | 16525 yrs before Jacob and family enter Egypt in year 2298) |
| $\begin{aligned} & 48^{\text {th }} \text { Jubilee } \\ & \quad \text { Joseph died } 2369 \end{aligned}$ |  | $\begin{array}{r} 2352 \\ +49 \end{array}$ | $\begin{array}{r} =1652 \\ -49 \end{array}$ |  | $\begin{aligned} & =1603 \text { Sabbatical } \\ & -49 \end{aligned}$ |
| $49^{\text {th }}$ Jubilee |  | $\begin{array}{r} 2401 \\ +49 \end{array}$ | $\begin{array}{r} =1603 \\ -49 \end{array}$ | -49 | = 1554 Sabbatical |
| $50^{\text {th }}$ Jubilee |  | $\begin{array}{r} 2450 \\ +49 \end{array}$ | $\begin{array}{r} =1554 \\ -49 \end{array}$ | - 49 | $=1505$ Sabbatical |
| $51^{\text {st }}$ Jubilee |  | $\begin{array}{r} 2499 \\ +14 \end{array}$ | $\begin{array}{r} =1505 \\ -14 \end{array}$ |  | $\begin{gathered} =1456 \mathrm{BC} \\ -9 \end{gathered}$ |
| Annals pages 44, 51. $2553+1451=4004 \mathrm{BC}$ | $\begin{gathered} 44 \\ 51 \end{gathered}$ | $\begin{array}{r} 2513 \\ \\ \\ 46 \mathrm{yrs} \quad \\ \hline \end{array}$ | $\begin{gathered} 1491 \\ -40 \end{gathered}$ |  | $\begin{aligned} & =1447 \text { p. } 51 \\ & \quad-40 \end{aligned}$ |
| $52^{\text {nd }}$ Jubilee 1445 <br> Sabbatical/Jubilees resumed <br> Annals page 52, 53 <br> $1^{\text {st }}$ Jubilee after 2559 | 53 | $\begin{array}{r} 2553 \\ \frac{255}{+508} \\ 1^{\text {st }} \text { Sabbatical } \\ \underline{-49} \end{array}$ | $\begin{array}{r} 1451 \\ -55 \\ \hline 1396 \\ -49 \\ \hline \end{array}$ | $\begin{array}{r} -44= \\ +11= \end{array}$ | 1407 BC <br> 1407 Sabbatical/Jubilees resumed $1407+2548(=49 \times 52)=3955$ |
| $53^{\text {rd }}$ Jubilee <br> Annals page 53: | 53 | $\begin{array}{r} 2^{\text {nd }} \text { Jubilee } 3357 \\ +49 \\ \hline \end{array}$ | $\begin{aligned} & 1347 \mathrm{BC} \\ & \mathbf{4 9} \end{aligned}$ | -11= | 1358 BC |
| $54^{\text {th }}$ Jubilee <br> Annals page 53: | 53 | $3^{\text {rd }}$ Jubilee 2706 | 1298 BC | $-11=$ | 1309 BC |

Note on TABLE 3a. In Ussher's view, 1445 BC begins the Jubilee cycle 46 years after the Exodus $(\mathbf{1 4 9 1} \mathbf{- 4 6}=\mathbf{1 4 4 5})$
(Annals page 53). In the revised secular view presented here, 1445 is the date of the Exodus ( $\mathbf{3 9 5 5} \mathbf{- 2 5 1 0}=\mathbf{1 4 4 5}$ ). Ussher knew the exodus was 2510 years after Adam! Somehow the two versions did not match after 1347 and 1309. Allegedly, the dedication of the temple needed to be in Solomon's $11^{\text {th }}$ year, in 1004 BC, in a Jubilee, exactly 3000 years after 4004 BC.


NOTE: The temple was destroyed in 69/70 AD.
Bar Koshba Revolt was in 132/133 AD

TABLE 3b Backwards:
$\mathbf{1 4 5 6}-\mathbf{1 1}=\mathbf{1 4 4 5} \quad \mathbf{1 4 4 5 - 3 8}=1407 \quad 1407-11=1396 \quad 1396 \quad$ - $\mathbf{1 1}=\mathbf{1 3 8 5}$

## Notes on Tables 3 \& 4

Introducing the $47^{\text {th }}$ Jubilee
To simplify things, note that TABLE 3llustrates the Jubilees from Adam to Joseph's seven years of bountiful harvests and seven years of drought. These ended in year 2303 after Adam, in the $47^{\text {th }}$ Jubilee.

Adam died in the $19^{\text {th }}$ Jubilee, in his $931^{\text {st }}$ year according to the Book of Jubilees.

Jacob and 72 members of his family removed to Egypt in the $2298^{\text {th }}$ year AM (After Man), five years before the drought ended. This was in the second year of drought with five years remaining before the $47^{\text {th }}$ Jubilee began.

Some date the years in Egypt from the time Jacob's family entered. I prefer counting from the $47^{\text {th }}$ Jubilee, 245 years ( 5 Jubilees) before Joshua crossed over the Jordan into the Promised Land (Lev 25:1-9). Ussher's cycle began after 6 years of conquering the land.

245 years equal half of 490 years equal to 10 Jubilees.

## Jacob age 130 in 2298

Jacob was age 130 in 2298 and 135 in year 2303:
Abraham's birth in $2008+100+60+130=2298$.
$\underline{+5=2303}$, the $47^{\text {th }}$ Jubilee.
Jacob entered Egypt in the $44^{\text {th }}$ year of that Jubilee with 5 years before the end of the $47^{\text {th }}$ Jubilee, 5 years before the fall of the $49^{\text {th }}$ year, 5 years before the end of the last 7 years.

Therefore, Ussher's Exodus in TABLE 3 was in 1491, not 44 years later, in 1447 BC $(1491-44=1447)$ and dates Joshua in crossing the Jordan in 1451, not in 1407 ( $1451-44=1407$ ).

Ussher has the temple founded in 1012, not 44 years later, in 968 BC ( $1012-44=968$ ).

Thus, his Jubilees differ 44 years, and Sabbaticals differ 5 years (or 2 years) because he began counting from when the Israelites entered Egypt 2298 years after Adam as illustrated previously.

## After 623 BC

After the house of Judah returned from Babylon after 539 BC, after Cyrus captured Babylon, the Jews continued the cycle of Nebuchadnezzar, which began in 604 BC , who became as a wild beast after $569 \mathrm{BC}, 49$ years before the second temple was founded in 520 BC. This cycle was followed in 331 BC , after Alexander visited Jerusalem in 532 BC. The High priest asked to continue the Sabbatical land rests without paying him a tax.

The Era of $\mathbf{1 6 3} \mathbf{~ B C}$
Ussher says this Sabbatical cycle of the second
temple continued in $163,135,44$ and 37 BC , when
Herod captured Jerusalem.
However, Wacholder says it continued in the
Christian Era in $6 / 7,13 / 14,20 / 21,26 / 27,34 / 35$,
$48 / 49,55 / 56,62 / 63$ and $\underline{\mathbf{6 9 / 7 0} \mathbf{~ A D} .}$

## BC Jubilee Year

BC Jubilee Year
AD Jubilee Year
$48 / 49,55 / 56,62 / 63$ and $\underline{69 / 70 ~ A D}$.
This cycle was two years different from those of the first temple. The first temple cycle was in 623 , when Josiah found the lost book of Moses, in 574 mentioned in Ezekiel 40:1-3, and in 527.

The alleged Jubilee in 122/123 probably followed the era of 163,135 , 37 and 2 BC . More research is needed.

TABLE 4a. Creation 3957- Jubilees in 1409 BC and 2022 AD (by Floyd R. Cox, Revised on 4-14-2015)

|  | http://www.icg.org.au/Some\%20more.html |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3957/3956BC | 2928/2927BC | 1899/98BC | 919/18BC | AD62/63 | AD1042/43 |
| 3908/3907BC | 2879/2878BC | 1850/49BC | 870/69BC | AD111/12 | AD1091/92 |
| 3859/3858BC | 2830/2829BC | 1801/00BC | 821/20BC | AD160/61 | AD1140/41 |
| 3810/3809BC | 2781/2780BC | 1752/51BC | 772/71BC | AD209/10 | AD1189/90 |
| 3761/3760BC | 2732/2731BC | 1703/02BC | 723/22BC | AD258/69 | AD1238/39 |
| 3712/3711BC | 2683/2682BC | 1654/53BC | 674/73BC | AD307/8 | AD1287/88 |
| 3663/3662BC | 2634/2633BC | 1605/04BC | 625/24BC | AD356/57 | AD1336/37 |
| 3614/3613BC | 2585/2584BC | 1556/55BC | 576/75BC | AD405/06 | AD1385/86 |
| 3565/3564BC | 2536/2535BC | 1507/06BC | 527/26BC | AD454/55 | AD1434/35 |
| 3516/3515BC | 2487/2486BC | 1458/57BC | 478/77BC | AD503/04 | AD1483/84 |
| 3467/3466BC | 2438/2437BC | 1409/08BC | 429/28BC | AD552/53 | AD1532/33 |
| 3418/3417BC | 2389/2388BC | 1360/59BC | 380/79BC | AD601/02 | AD1581/82 |
| 3369/3368BC | 2340/2339BC | 1311/10BC | 331/30BC | AD650/51 | AD1630/31 |
| 3320/3319BC | 2291/2290BC | 1262/61BC | 282/81BC | AD699/00 | AD1679/80 |
| 3271/3270BC | 2242/2241BC | 1213/12BC | 233/32BC | AD748/49 | AD1728/29 |
| 3222/3221BC | 2193/2192BC | 1164/63BC | 184/83BC | AD797/08 | AD1777/78 |
| 3173/3172BC | 2144/2143BC | 1115/14BC | 135/34BC | AD846/47 | AD1826/27 |
| 3124/3123BC | 2095/2094BC | 1066/65BC | 86/85BC | AD895/96 | AD1875/76 |
| 3075/3074BC | 2046/2045BC | 1017/16BC | 37/36BC | AD944/45 | AD1924/25 |
| 3026/3025BC | 1997/96BC | 968/67BC | AD13/14 | AD993/94 | AD1973/74 |
| 2977/2976BC | 1948/47BC |  |  |  | AD2022/23 |

TABLE 4 illustrates an alternative view if the date of Creation were in 3957 instead of 3955 BC.
1.) 3957 is 47 years after 4004 BC ; 3955 is 49 years.
2.) 3957 is 196 years (4 Jubilees) before the Hebrew date of Creation in 3761 BC.
3.) It aligns with Joshua and a Jubillee in 1409 instead of 1407.
4.) It aligns with the temple in 968 instead of 966.BC.
5.) It aligns with the temple in 576 instead of $574 . B C$.
6.) It aligns with the captivity of Israel in 723 instead if 721 .
7.) It aligns with Alexander visiting Jerusalem in 333 instead of 331 BC.
8.) It aligns with Herod capturing Jerusalem in 37 instead of 35 BC.

If Adam became human in 3957 BC , this would be four jubilees before 3761 BC , the date the Hebrew calendar says Adam was created. In this case, a jubilee would be in 1409 BC, two years before Joshua crossed the Jordan in his conquest of the Promised Land in 1407. 1409 would be 9 jubilees ( 441 years) before Solomon founded the temple in 968 BC . Alexander allowed the Jewish land sabbaticals without paying taxes after 331 BC , and Herod captured Jerusalem in 37 BC , in a sabbatical year. These dates align with both versions for Adam.

In contrast, Archbishop James Ussher in his Annals of the World said the jubilees began seven years later, that is, after the five years of conquest, when the land was finally distributed to the Israelites west of the Jordan, that is, when Caleb was 85 . Caleb was 40 when he was among the Israelite scouts exploring the Promised Land in the second year after the exodus.

From this, we can conclude that Ussher did not count jubilees from the time of Adam nor from the crossing of the Jordan. He began the cycle after the first five years of conquering the land.

Therefore, Ussher thought Solomon's temple was dedicated nine jubilees (441 years) after the first five years, after he had built it for seven years. He thought David's first year was in the previous jubilee year, 49 years earlier.

If Ussher had counted from creation, he would have placed a jubilee two years before Joshua's conquest and another jubilee 441 years later, when Solomon founded the temple in his fourth year.

968 would be a jubilee when counting from creation in 3957 BC or when counting from the Jewish date of creation in $3761 \mathrm{BC}(427 \times 7=2989 \mathrm{yrs}$.).

| Ussher＇s | ＝ 1451 | 5 yrs．－－＞ | BC 1456 | 7 |
| :---: | :---: | :---: | :---: | :---: |
| Jubilees | －06 |  | $\underline{49}$ | 2191 |
| Annals | 1445 | －38 | $\Rightarrow 1407$ | 539 |
| pages | －49 |  | $\underline{49}$ | 1652 Drought ends |
| 531 | 1396 | 38 | 1358 | 245 in Egypt |
|  | －49 |  | 49 | 1407 |
| $53 \quad 2$ | 1347 | $\leftarrow$ | 1309 | Joshua |
|  |  | － |  | 441 |
| $66 \quad 9$ | BC 1004 | －38－－－ | $\rightarrow$ BC 966 | 966 Temple in 968 |


|  |  | －49－－－－T1 | 49 |
| :---: | :---: | :---: | :---: |
| 69 | 10 | $955<-$－38－－－－－－－ | 917 |
|  |  | －49－－－－ 51 | $\underline{49}$ |
| 70 | 11 | $906 \leftarrow$－－ 38 －－－－－－ニニ | 868 |
|  |  | －49 | $\underline{49}$ |
| 73 | 12 | $857<-$－38－－－－ニニニ | 819 |
|  |  | －49 4 －－－－－－－－ 11 | $\underline{49}$ |
| 74 | 13 | $808<-38-$－－－－ニこ | 770 |
|  |  | －49 | $\underline{49}$ |
| 76 | 14 | $759<-$－38－－－－－－ | 721 |
|  |  | －49 | 49 |
| 85 | 15 | $710<--38$－－－－－－－ | 672 |
|  |  | －49 | $\underline{49}$ |
|  |  | $661<-38---$－－ーニン | 623 |
|  |  | －49 | $\underline{49}$ |
| 93 | 17 | $612<--38----$－－－ | 574 |
|  |  | －49－－－－ 11 | 47 |
| 110 | 18 | $563<-$－ 36 －－－－－－－－ | 527 |
|  |  | －49 | $\underline{49}$ |
| 128 | 19 | $514<-$－36－－－－ニニニー | 478 |
|  |  | －49 | $\underline{49}$ |
| 151 | 20 | $465<-$－36－－－－－－－－＞ | 429 |
|  |  | －49－－－－ $1 \overline{3}^{\circ}$ | $\underline{49}$ |
| 160 | 21 | $416<-$－36－－－－－ニニ | 380 |
|  |  | －49 | $\underline{49}$ |
| 201 | 22 | $367<-$－36－－－－－ここ | 331 |
|  |  | －49－－－－－13 | $\underline{49}$ |
| 317 | 23 | $318<-$－36－－－－－－－ | 282 |


| 420 | 26 | 171 | ＋36－－－－－こ＝－ | 135 |
| :---: | :---: | :---: | :---: | :---: |
|  |  | －49 | －－－－13 | $\underline{49}$ |
| －－－－ | 27 | 122 | ＋36－－－－－－－ | 86 |
|  |  | －49 | －－ 13 | $\underline{49}$ |
| 541 | 28 | 73 | ＋36－－－－－＝$=\rightarrow$ | 37／36 |
|  |  | －49 | －－13 | $\underline{49}$ |
| 758 | 29 | BC 24 | －36－－ーニニー－${ }^{\text {－}}$ AD | 13－14 |
|  |  | －49 | －13 | 49 |
| 803 | 30 | AD 26／27 | －36－－－－－－－－ | 62－63 |
|  |  | －49 |  | $\underline{49}$ |
|  |  | 75／76 |  | －112 |

## Notes on TABLE 4b

The Israelites crossed the Jordan into the Promised Land in 1407 BC and restored the Sabbatical／Jubilee cycles after 1407 BC， 40 years after their Exodus from Egypt（Lev． 25）．

The first temple was founded in 968 BC ， 479 years after the Exodus（1 Kings 6：1）．

Nine Jubilees（ 441 years）after 1407 is 966 BC， 2 years after the temple was founded in 968.

Seven Jubilees（343 years）after $966=$ 623 BC ，when Josiah found the lost book of Moses hidden in the temple and Josiah＇s Reform began down to 574 BC ， 14 years after Jerusalem fell in 588／87 BC（Ezekiel 40）．

Counting backwards to 588 BC（588 $=12 \times 49$ ），Jubilee dates are divisible by 7 in years $49,98,147,196,245,294,343$ ， 392，441，490， 539 and 588 BC and after 574 BC

During the period after Nebuchad－ nezzar＇s year 1，in 604 BC ，the Sabbaticals and Jubilees differed by 2 years down to when Herod captured Jerusalem in 37 BC， as in the table．Daniel had warned that the Empires would try to change times and seasons．The king became as a wild beast in $569 \mathrm{BC}, 532$ years before Herod captured Jerusalem in 37 BC（date derived from the Works of Josephus）．

Wacholder shows that the Christian Era restored the original cycle as $\mathrm{AD} 6 / 7$ ， $13 / 14,20 / 21,27 / 28,34 / 35,48 / 49,55 / 56$ ， $62 / 63,69 / 70$ ．The second temple fell on AV 10， 70 AD．

Sabbaticals in AD years are divisible by 7．Sabbaticals during Babylon，Persia， Greece and Rome are divisible by seven with a remainder of two in years after 604， 569，520，331，163，and 37 BC．Jacob entered Fgvnt in the $2^{\text {nd }}$ vear．not the $7^{\text {th }}$ ．

Sabbatical／Jubilee
31 Conjectured from Ussher＇s 26 AD $\underline{21}$
History ends in 73 AD 132－133


TABLE 5b. Jubilees before Joshua crossed the Jordan


## Notes on TABLE 5b.

Scholars and academia usually calculate the sabbaticals and jubilees after Joshua brings the 12 Israelite tribes across the Jordan River into the Promised Land (Lev. 25). It becomes a different problem trying to extend the cycle backwards, prior to this.

The first clue is that the Book of Jubilees says that Adam lived 930 years and died in the $931^{\text {st }}$ year. By using simple math, this would be equal to 19 jubilees, and another 49 years would make 980 years equal to 20 jubilees. This would also begin the 19 -year lunar-solar calendar.

The second clue is that Joseph predicted there would be seven years of plenty in Egypt and seven years of drought. The last year of drought would be 2303 years after Adam. This is equal to $49 \times 47$, that is, 47 jubilees.

Five jubilees ( 245 years) after that would bring us down to 2548 years after Adam, which would be 52 jubilees.
However, Ussher in his Annals of the World found the Exodus to be 2513 years after Adam, which would be a Sabbatical year if there were sabbaticals prior to Joshua. This would be 215 years after Jacob had entered Egypt 2298 years after Adam. If the Exodus were after 430 years, this would fit a pattern being half of 430 . Other writers claim the period was 210 years instead of 215.210 comes from extending the 2303 date of the last year of drought on down to the alleged 2513 years to the Exodus.

Ussher agrees that the first plowing to grow crops was six years after entering. Caleb was age 40 when he was among the scouts that penetrated the promised land one year and a half after the Exodus. They began plowing when he was 85 . This makes 45 years, 46 years after the exodus (Joshua 14:7-10).

Ussher has 1491 BC for the Exodus and 1451 for the entry and 1445 for plowing (page 51). He begins the Jubilee cycle after five years because he counted from when Jacob entered Egypt in the $44^{\text {th }}$ year of the jubilee cycle at that time, not after the $7^{\text {th }}$ year, the $437^{\text {th }}$ jubilee. He was 44 years off and 5 years off $(44+5=49)$.

This is why his date for the Exodus was 1491 instead of 44 years later, in 1447 BC. His date for founding of Solomon's temple was 1012 BC, not 44 years later, in 968 BC.

966 extends on downward 7 Jubilees to 623 BC, when Josiah found the lost book of Moses, and 35 more years later, in Jeremiah 34, when the temple burned in 588/87 BC and 49 more years later, in 574, as mentioned in Ezekiel 40.

TABLE 1 above: 1407 to 966 equal 9 jubilees. 966 to 574 equal 8 jubilees. 1190 to 2023 equal 17 jubilees. From the fall of 1974 to the fall of 2023 equals 49 years.

The first temple burned on Sunday, the $10^{\text {th }}$ of Av, in summer of 587 BC , in a Sabbatical year.
The second temple burned on Sunday, the $10^{\text {th }}$ of Av , in summer of 70 AD , in a Sabbatical year. This aligns with $623,588 / 87,754 / 53$ BC (Ezekiel 40:1,2), 539 BC, with the first temple and with 28, 35, 49, 56, 63 and 70 AD.

Usshers's date of Creation is 4004 BC, 49 years before 3955 BC.
3955 to $3759=4$ jubilees
3759 to $1407=48$ jubilees
3955 to 3024 = 19 jubilees (Book of Jubilees) Notes in TALE 1 above.
Introducing the $47^{\text {th }}$ Jubilee
3024 to $1407=33$ jubilees
1407 to $966=9$ jubilees (I Kings 6:1) (Leviticus 25:2)
966 to $623=7$ jubilees (II Chron. 34:30)
623 to $588=5$ sabbaticals (Jer. 34:17)
623 to $574=1$ jubilee (Ezek. 40:1-2)
3955 to $1407=52$ jubilees
The sabbatical and jubilee cycles allegedly began when Joshua crossed over the Jordan into the Promised Land in 1407 BC, after 2548 years ( 52 jubilees or 364 sabbaticals), but TABLE 1 suggests they both began with Creation.

These dates do not align with the land rests during the times of Nebuchadnezzar, Alexander and Rome. They are in $569,520,331,163,44,37$ and 2 BC. They differ two years, but Josephus (after 70 AD) implied that Herod conquered Jerusalem in a sabbatical year (allegedly in a sabbatical year), when the fields were lying fallow, on the day of Atonement.

The jubilee begins with the day of Atonement. These align with $\mathbf{3 9 5 7}$ BC (Creation) and 968 BC (the temple) instead of from 3955 to 966 BC. This suggests that the pattern the used during Babylon, Persia, Greece and Rome continued (even during during Josephus) from 163 BC to the Bar Kochba Revolt in 132/133 AD (6 jubilees).

37 BC is $532 \times 7$ after the Jews' date of Creation in $\mathbf{3 7 6 1 \text { BC. }} 569$ is $532 \times 6$ after the Jews' date of Creation.

3761 to $37 \mathrm{BC}=3724$ yrs, or $196 \times 19$, or 76 jubilees.
From Noah's flood to Abraham's age 75, there are 427 years and 427 more years to the Exodus $(1656+427+427=2510$ years (Compare Acts 7:1-3) and $427 \times 7$ years from 3955 to 966 BC.

The Samaritan and the Book of Jubilees subtract 60 years between Abraham and his father. By doing this, the Exodus is in 2450 (half of 4900) after Adam instead of 2510 years ( $2450-60=2510$ ). Exodus was not in a jubilee year. It was 40 years later (Lev. 25:2).

Nations were expelled from Babel 1757 years after Adam (251 x 7) $(1656+101=1757)$. Abraham was born 251 years after Babel (year 2008), and Joseph was born 251 years after Abraham (year 2259). This means Joseph stood before the Pharaoh at the age of 30, 532 years after Babel. After 532 years, dates of the years, moons and weeks repeat on the Julian calendar. This was followed by 7 good years and 7 bad years, 245 years ( $49 \times 50$ ) (half of 490) before Joshua crossed the Jordan in year 2550:
$1656+(427+427)=2510+40=2550$.
Division of the land west of the Jordan was after 14 years $(14+427=441$ years, 9 jubilees, to 966 BC).

Nebuchadnezzar in 569 to Herod in 37 BC equals 532 years:
$30+(251 \times 2)=532$ yrs. Cyrus in 539 BC to Herod in 37 BC equals 502 years $(251 \times 2)$.
After 532 years, the solar cycle ( $4 \times 7=28$ years) repeats. After 19 years, the lunar cycle repeats ( 235 moons). $28 \times 19=532$ years.

The Christian Era began in the days of Herod, in the time of Rome,.
Last, but not least, there is a pattern between Babylon, Persia, Greece and Rome the four kingdom in Daniel.

## Hebrew Calendar Subtracts 165 years

Ussher's Annals, Appendix G, page 931 explains how why Jewish rabbinical dating is different. 165 years were subtracted between Darius the Great of Persia, in 539 and Alexander The Great in 331 BC, and some kings of Israel overlapped. Their date for the Jerusalem burning is 422 BC instead of 587 BC , and Assyria captured Israel in 556 instead of 721 BC . The temple was founded in 833 instead of 968 BC. This is why their tradition says the exodus was in 1312 instead of 1447 BC (1447-1312 = 135 years).

The above are examples of what I have researched over several decades

## 251 Related to 532 Years Down to Joseph

In dealing with a lunar-solar calendar, the solar side forms cycles in years 4,7 and 28 and repeats after every 28 years. The lunar side repeats after every 19 years. $28 \times 19=532$. This matches $251 \times 2+$ $30=532$. Can we find this 532 years repeated in the Bible?

From the figures in Ussher's work, we can see that Babel fell 1757 years ( $251 \times 7$ ) after Adam. How long was this before Joseph was age 30, when he stood before the Pharaoh, when he predicted the seven good and seven bad years?

Abraham was born 251 years after the nations were divided and driven from Babel in the land of the Babylonians after the Flood. Joseph was born 251 years after Abraham's birth. This makes 502 years. This makes 532 years from Babel until Joseph was age 30.

Joseph ties into the 7 -year cycle prior to being age 30 .
His father, Jacob, was 77 to 83 when he served his uncle seven years, when he was ages 77 ( $7 \times 11$ ) in order to marry his daughter.

Then he served seven years to marry Rachel, when he was 84 ( $7 \times 12$ ) until Joseph was born. Then he served six years to inherit cattle (ages 91 to 97). They all returned to the Promised Land in Jacob's 98th year. This may be interpreted as a Jubilee year, the year when Rachel died. The sabbaticals continued after Joseph was 30 , not when he was 28 ( $7 \times 4$ ).

Joseph was born 2259 years ( $251 \times 9$ ) after Adam and turned 30 in 2289 years after Adam ( $7 \times 327$ ), in a Sabbatical year after Adam.

## $427 \times 2$ From Shiloh down to Cyrus

The Israelites crossed the Jordan and went to Shiloh and distributed the land 427 years before 966 BC, 427 years before 539 BC. Abraham was age 75427 years after Noah's Flood. The Exodus was 427 years after Abraham was age 75.

## Down to Herod

King Nebuchadnezzar of Babylon became as a wild beast for seven years in 569 BC and died in 562. 30 years later, in 539 BC, Cyrus of Persia captured Babylon. This was 502 years before Herod captured Jerusalem in $37 \mathrm{BC}(539-37=502) .569$ is 532 years before $37 \mathrm{BC}(569-37=532)$.

Evidently then, $251 \times 2+30$ equals 532 years (or $28 \times 19$ ), after which a new era begins. Daniel spoke of four eras from Babylon down to Rome.

After 532 years, the solar cycle $(4 \times 7=28)$ dates repeat ( $28 \times 19=532$ ).
After 532 years, the 19 -year lunar cycle dates repeat (19 x $28=532$ ).
To top it off, there were 532 times 7 from the Jews date of Creation in 3761 BC to when Herod captured Jerusalem in 37 BC.

The Christian Era began in the days of Herod, in the time of Rome (Luke 1:5). This was the fourth kingdom.

Another example of patterns in between 747, 539 and 331 BC.
747 BC: when the Babylonian calendar began.
$\underline{208}$
539 BC, when Cyrus captured Babylon
$\underline{208}$
331 BC, when Alexander visited Jerusalem).

## Hindsight better than Foresight

The discovery of such patterns should present a whole new dimension while reading the context of each story. We cannot just read the King James or Jewish versions in order to discover these new insights.

Prophecy is given under inspiration, but interpretation comes from interest, much patience, inspiration, increase in knowledge and hindsight (Daniel 12:4).
Problems arise when two "inspired interpreters" contradict each other, which has been the problem for 2,000 years.

## 251-year Pattern Predates BC and AD

TABLE 4 illustrates how Joseph was born 502 years ( $251 \times 2$ ) years after the nations were scattered from Babel. He stood before the Pharaoh when he was 30 . This makes 532 years. This was followed by seven good and seven bad years for crops.

TABLE 4 also illustrates how there were 502 years ( $251 \times 2$ ) between the fall of Babylon in 539 BC and 37 BC (when Herod captured Jerusalem). Nebuchadnezzar became as a wild animal for 7 years, 30 years before 539 , in 569 BC .

This was followed by 532 years ( $7 \times 76$ ) down to Herod in 37 BC, which was a Sabbatical.
So there were Sabbaticals in $569,331,163,37 / 36,30 / 29,23 / 22,16 / 15$, and $9 / 8 \mathrm{BC}$ according to Herod's coins as details given HERE. Herod died before $2 / 1 \mathrm{BC}$; thus, more information is needed to extend the Sabbatical cycle downward into the first century AD. These links supports our view
about 69/70 AD:
https://www.uhl.ac/wp-content/uploads/2016/06/YearofReleaseCoins.pdf and HERE.
Evidence shows that the Jews removed 196 years from their chronology in order to create $532 \times 7$ years between Creation on 3761 BC and Herod in 37 BC and to create $532 \times 6$ years between Creation and Nebuchadnezzar in 569 BC. This makes 532 years from Nebuchadnezzar and Herod.

Noah was age 502 when he had Shem and Shem was 98 at the Flood and age 100 two years after the Flood. 502 plus 98 makes Noah 600 at the Flood.

Joseph was age 30,539 years after the nations were scattered and would have been 251 if he had lived until the Exodus from Egypt.

Adam to the Flood $=1656$ yrs.
Flood to Abraham's age $75=427$ yrs.
Abraham's age 75 to the Exodus $=\underline{427}$ yrs.
$2510 \mathrm{yrs} .(251 \mathrm{x} \mathrm{10})$
Abraham lived 175 yrs.
Isaac lived 180 yrs.
Jacob lived $\quad \underline{147}$ yrs. (3 Jubilees) 502 yrs . (251 x 2)

## Notes on Sunday, Av 10 in 587, 422 BC and 70 AD

Some claim the first temple burned in 586 BC, but Josephus said the temple burned twice on Sunday, Av 10. Actually, Ave 10 was in 587 and 422 BC and 70 AD according to NASA and timeanddate.com. This replaces other calculations.

587 BC was on July 30.
422 BC was on August 3 (Some claim the first temple was burned 165 years after 587 BC).
70 AD was on August 5.
Av 10 ( 2 moons before Atonement on 7/10)

| 12 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |




TABLE 8. Jubilees after 1652 BC, 2303 years ( 47 Jubilees) after Creation
Pdf Version (much better): https://code251.com/index.pdf


TABLE 9. Jubilees after 1652 BC, 2303 years ( 47 Jubilees) after Creation


Confusion has evolved from the jubilee allegedly being in the $50^{\text {th }}$ year, after 49 years (Lev. 25:10).

Actually, it begins in the $10^{\text {th }}$ day of the $7^{\text {th }}$ month (counting from the spring, Nisan 1).

The $50^{\text {th }}$ year begins after the next spring (Nisan 1), and the jubilee ends in the following seventh month, during the fall of the $50^{\text {th }}$ year.

Therefore, the jubilee begins in the $49^{\text {th }}$ year and ends in the $50^{\text {th }}$ year. The $50^{\text {th }}$ year ends on Nisan 1 .

Therefore, it begins in the $7^{\text {th }}$ year and continues in the spring of the $8^{\text {th }}$ year, the $1^{\text {st }}$ year of the next seven years ( $25: 22$ ), It does not disrupt the 7 -year cycle. as proven by the patterns of $532 \times 7$ yrs., $251 \times$ 7 yrs., 126 yrs. ( 18 sabbaticals), 2303 yrs ( 47 jubilees), 245 yrs. ( 490 /2), $427 \times 7$ ( 61 jubilees).

Harvests continue in the $9^{\text {th }}$ year (25:22).
Likewise, Pentecost is the $50^{\text {th }}$ day after the Wave Sheaf offering. It is also the $1^{\text {st }}$ day and $8^{\text {th }}$ day, and it does not disrupt the 7 -day cycle.

The confusion has been perpetuated by the Millerite's view that Christ would return on the $10^{\text {th }}$ day of the $7^{\text {th }}$ month, in 1844 AD based upon Daniel 8:14, that the temple would be cleansed after 2300 "days", that is 2300 "prophetic years", from 457 BC to 1844 AD (46 x 50 yrs.).

A similar day-for-a-year event happened when Moses' scouts explored the Promised Land for 40 days and returned with a bad report. The lack of faith was punished for 40 years.
(Num. 14:33-37)
The Millerites passed this 50-year-view on down to the Adventists, Church of God Seventh Day, and the Armstrongites.

## Related Math

588 BC to $1 \mathrm{AD}=12$ Jubilees 294 yrs / 1.24219 $=365.20$ days $365.24219 / 294 \mathrm{yrs}=1.242$ days $294 \times 1.242=365.14$ days $364 / 294$ yrs $=1.24$ days 294 yrs $=6$ Jubilees

TABLE 10. Hebrew Lunar and Solar Time Units counted from the Spring

| Years | g | Days |  | Jubilees |
| :---: | :---: | :---: | :---: | :---: |
| 1 solar year | = | 365.242198 |  |  |
| 1 lunar year | = | 354.36705 |  |  |
| 24.5 solar yrs. 25.25 lunar years | = | $\begin{aligned} & 8,948.4335 \\ & 8,948.0711 \end{aligned}$ | = | $1 / 2$ of 49 yrs |
| 33 solar yrs. | = | 12,052.9922 |  |  |
| 34 lunar yrs. | = | 12,048.4799 |  |  |
| 49 solar vears | = | 17.896.8671 | = | 49 yrs $\times 1$ |
| 50.5 lunar vears | = | 17.896.1423 |  |  |
| 98 solar years | = | 35,793.7343 | = | $49 \mathrm{yrs} \times 2$ |
| 101 lunar years | = | 35,792.2846 |  |  |
| 196 solar years | = | 71,587.4687 | = | 49 yrs $\times 4$ |
| 202 lunar years | $=$ | 71,584.5693 |  |  |
| 245 solar years | = | 89,484.3359 | = | 49 yrs $\times 5$ |
| 252.5 lunar years | = | 89,480.7116 |  |  |
| 294 solar years | = | 107,381.2031 | = | $49 \mathrm{yrs} \times 6$ |
| 303 lunar years | = | 107,376.8539 |  |  |
| 392 solar years | = | 143,174.9375 | = | 49 yrs $\times 8$ |
| 404 lunar years | = | 143,169.1386 |  |  |
| 490 solar years | = | 178,968.6718 | = | $49 \mathrm{yrs} \times 10$ |
| 505 lunar years | = | 178,961.4232 |  |  |
| 588 solar years | = | 214,762.4062 | = | $49 \mathrm{yrs} \times 12$ |
| 606 lunar years | = | 214,753.7079 |  |  |

Leviticus 25 says the $7^{\text {th }}$ year and $7 \times 7$ (the $49^{\text {th }}$ year) are land rests.
The $49^{\text {th }}$ year begins in the spring because the jubilee begins in the $7^{\text {th }}$ luna month, on the $10^{\text {th }}$ day (on Atonement). Therefore, the jubilee is in the $7^{\text {th }}$ year, ii the $49^{\text {th }}$ year. The jubilee continues until the $10^{\text {th }}$ day of the $7^{\text {th }}$ month of the $50^{t}$ year. The $49^{\text {th }}$ year began with the first new moon in the spring and the 50.5 luna yearr began on the first day of the $7^{\text {th }}$ month.

This means the jubilee is in the $49^{\text {th }}$ and $50^{\text {th }}$ years and also in the $7^{\text {th }}$ and 1 : years (and year one of the next 7 and next 49 years).

## TABLE 11.

In TABLE 1 above, dates are divisible by 7 .
Dates from 527 to 37 BC have a remainder of 2 .

| Dates divisible by 7 <br> With a remainder of <br> 2 | Dates divisible by 7 |  |  |
| :---: | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |
| $569=7 \times 81+2$ | 4004 |  | AD |
| $331=7 \times 47+2$ | 3955 | 392 | 28 |
| $163=7 \times 23+2$ | 1407 | 294 | 35 |
| $44=7 \times 6+2$ | 966 | 196 | 56 |
| $37=7 \times 5+2$ | 588 | 147 | 63 |
|  | 539 | 98 | 70 |



Dates of Hanukkah on December 25 seem to explain why Jews now keep Hanukkah as a type of Jewish Christmas.
If so, we cannot continue saying it came from pagan, Satanic,
2 , Tiberius' reign over Judea before Christ's baptism.

| 1 | 15 | Dec 25, 15 AD <br> Hanukkah <br> Dec. 14 |
| ---: | :---: | :---: |
| 2 | 16 | Dec. 03 |
| 3 | 17 | Dec. 21 |
| 4 | 18 | Dec. 11 |
| 5 | 19 | Dec. 29 |
| 6 | 20 | Dec. 18 |
| 7 | 21 |  |
| 8 | 22 | Dec. 15 |
| 9 | 23 | Dec. 03 |
| 10 | 24 | Dec. 23 |
| 11 | 25 |  |
| 12 | 26 |  |


| 13 | 27 | Dec. 12 |
| :---: | :---: | :---: |
| 14 | 28 | Dec. 30 |
| 15 | 29 | Dec. 19 |
| 16 | 30 | Dec. 09 |
| 17 | 31 | Dec. 29 |
| 18 | 32 | Dec. 17 |
| 19 | 33 AD | Solar eclipse on 3/19 |
| 1 | 34 AD | $\downarrow^{\text {Hanukkah Dec. } 25} \downarrow$ |
| 2 | 35 AD | Dec. 14 |
| 3 | 36 | Dec. 02 |
| 3 | 37 | Dec. 03 |
| 4 | 38 | Dec. 21 |
| 5 | 39 | Dec. 11 |
| 6 | 40 | Dec. 29 |
| 7 | 41 | Dec. 18 |
| 9 | 42 | Dec. 07 |
| 10 | 43 | Dec. 27 |
| 11 | 44 | Dec. 21 |
| 12 | 45 | Dec. 11 |
| 13 | 46 | Dec. 30 |
| 14 | 47 | Dec. 18 |
| 15 | 48 | Dec. 07 |
| 16 | 49 | Dec. 26 |
| 17 | 50 | Dec. 16 |
| 18 | 51 | Dec. 04 |
| 19 | 52 | Dec. 22 |
| 19 | 52 | Solar eclipse on 3/19 |

TABLE 13. Nisan 1, 1844 AD was on $3 / 21$, the spring equinox, 2300 years ( $46 \times 50$ ) after 457 BC . The details are found HERE.

457 to $1843=2300$ years
http://www.cgsf.org/dbeattie/calendar/?roman=1844
https://www.timeanddate.com/calendar/?year=1844\&country=1
TABLE 9. Alleged Time of the End in 1844

| Solar <br> Eclipse | $19-y r$ <br> Cycle | New <br> Lunar Year | Lunar Date <br> of Atonement | AD | Hanukkah |
| :---: | :---: | :---: | :---: | :---: | :--- |
|  |  |  |  | 1837 | Dec 23 |
| $3 / 25$ | 13 | $3 / 27$ | $7 / 29$ | 1838 | Dec 12 |
| $3 / 15$ | 14 | $3 / 16$ | $7 / 18$ | 1839 | Dec 02 |
| $3 / 04$ | 15 | $4 / 04$ | $8 / 07$ | 1840 | Dec. 20 |
| $2 / 21$ | 16 | $3 / 23$ | $7 / 25$ | 1841 | Dec. 08 |
| $12 / 31$ | 17 | $3 / 12$ | $7 / 14$ | 1842 | Nov 28 |
| $12 / 21$ | 18 | $4 / 01$ | $8 / 04$ | 1843 | Dec 18 |
| $12 / 09$ | 19 | $3 / 21$ <br> on Nisan 1 | $7 / 23$ or $8 / 22$ <br> $13^{\text {th }}$ month? | 1844 | Dec 06 |


| $11 / 30$ | 1 | $4 / 08$ | $7 / 12$ or $8 / 11$ | 1845 | Hanukkah <br> Dec 25 |
| :--- | :--- | :--- | :--- | :--- | :--- |

TABLE 9 has many similarities to the 70 weeks in Daniel 9, but it is not the fulfillment of Daniel 9 .

Daniel sought to understand Jeremiah's 70 years before Cyrus of Persia captured Babylon (Dan. 9:2) and decreed that the Jews could return to Jerusalem after 539 BC to restore the temple and land rests. 539/538 BC was a Sabbatical year, 49 years after 588/87, when the temple was destroyed.

Likewise, TABLE 6 has a Julius Caesar Sabbatical decree in $44 / 43$ BC with a Sabbatical in $37 / 36$ BC, when Herod captured Jerusalem. This is followed by 10 weeks making $\underline{70}$ years.

From Caesar's decree in 44 BC to Christ's ministry in 28 AD, there are 70 years. $27 / 28$ would be a Sabbatical. Likewise, from Herod in $37 / 36 \mathrm{BC}$ to $34 / 35 \mathrm{AD}$, there are 70 years.

A case can be made for Christ's mother being fed in a wilderness for $31 / 2$ years (Rev. 12:14-17). Saul persecuted the remnant of her seed for $31 / 2$ years, until Stephen's vision of Christ sitting in a Higher Realm.

| 16 | 68 | Dec. 08 |
| ---: | :---: | :--- |
| 17 | 69 | Dec. 27 |
| 18 | 70 | Dec 17 |
| 19 | 71 <br> on 3/20 | Solar eclipse <br> on 3/20/71 AD <br> on Nisan 1 |


| 1 | 72 | Hanukkah <br> Dec 25 |
| :--- | :--- | :---: |

TABLE 13, as seen from records $\mathbf{4 9 0}$ years later, suggests that Julius Caesar's Sabbatical Decree made in $44 / 43$ BC and Herod's capture of Jerusalem in $37 / 36$ BC are 70 years to $27 / 28$ and $34 / 35$ AD.

| TABLE 14. Sabbaticals from Julius Caesar's <br> Sabbatical Decree in 44 BC to the Temple in 70 AD <br> A scholar with Accademia.com posted an 84-page similar scheme |  |  |  |  | Sabbatical <br> Years |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | 44/43 Decree |  |  |  |  |  |
| $43 /$ | $42 /$ | $41 /$ | $40 /$ | $39 /$ | $38 /$ | 37/36 Herod |
| $36 /$ | $35 /$ | $34 /$ | $33 /$ | $32 /$ | $31 /$ | $\mathbf{3 0 / 2 9}$ |
| $29 /$ | $28 /$ | $27 /$ | $26 /$ | $25 /$ | $24 /$ | $\mathbf{2 3 / 2 2}$ |
| $22 /$ | $21 /$ | $20 /$ | $19 /$ | $18 /$ | $17 /$ | $\mathbf{1 6 / 1 5}$ |
| $15 /$ | $14 /$ | $13 /$ | $12 /$ | 11 | 10 | $\mathbf{0 9 / 0 8}$ |
| $08 / 07$ | $07 / 06$ | $06 / 05$ | $05 / 04$ | $04 / 03$ | $03 / 02$ | $\mathbf{0 2 / 0 1} \mathbf{~ B C}$ |
| $1 \mathrm{BC} / 1 \mathrm{AD}$ | $01 / 2 \mathrm{AD}$ | $02 / 03$ | $03 / 04$ | $04 / 05$ | $05 / 06$ | $\mathbf{0 6 / 0 7} \mathbf{~ A D}$ |
| $07 / 08$ | $08 / 09$ | $09 / 10$ | $10 / 11$ | $11 / 12$ | $12 / 13$ | $\mathbf{1 3 / 1 4}$ Jubilee |
| $14 /$ | $15 /$ | $16 /$ | $17 /$ | $18 / 19$ | $19 / 20$ | $\mathbf{2 0 / 2 1}$ |
| $21 /$ | $22 /$ | $23 /$ | $24 /$ | $25 /$ | $26 /$ | $\mathbf{2 7 / 2 8}$ |
| $28 /$ | $29 /$ | $30 /$ | $31 / 32$ | $32 / 33$ | $33 / 34$ | $\mathbf{3 4 / 3 5}$ |
| $35 /$ | $36 /$ | $37 /$ | $38 /$ | $39 /$ | $40 /$ | $\mathbf{4 1 / 4 2}$ |
| $42 /$ | $43 /$ | $44 /$ | $45 /$ | $46 /$ | $47 /$ | $\mathbf{4 8 / 4 9}$ |
| $49 /$ | $50 /$ | $51 /$ | $52 /$ | $53 /$ | $54 /$ | $\mathbf{5 5 / 5 6}$ |
| $56 /$ | $57 /$ | $58 /$ | $59 /$ | $60 /$ | $61 /$ | $\mathbf{6 2 / 6 3}$ Jubilee |
| $63 /$ | $64 /$ | $65 /$ | $66 /$ | $67 /$ | $68 /$ | $\mathbf{6 9 / 7 0}$ |
|  |  |  |  |  |  | $\mathbf{8 3 / 8 4}$ |

## When Jubilees Cycles Changed

TABLE 1 indicates that the Sabbatical cycle during the first temple was in 1407, 966, 721, 623, and $\mathbf{6 0 2} 588,574$, and $\mathbf{5 3 9}$ BC. This is supported by an alleged jubilee in Ezekiel 40, 14 years after 588 BC.

After returning from Babylon, Sabbaticals continued in 604, 590, 569, 541, 520, 457, $443,422,331,163,44$ and 37 BC.

This new cycle was two years earlier.
Ussher based his cycle on 590 BC.
Julius Caesar based his on 44 BC followed by $\mathbf{3 7}, 30,23,14,7$ and 2 BC. This would agree with Josephus' syatement that Herod captured Jerusalem in a Sabbatical year, which would be in 37 BC .

The bar Kochba Revolt against the Romans in 132/133 AD would be 6 Jubilees after Hanukkah in $\mathbf{1 6 3 ~ B C}$.

37 BC would be 6 Jubilees after Alexander in 331 BC.
It seems basic to understand these 2 missing years.

14 years after the temple was burned in $69 / 70$ AD, there was one jubilee in $83 / 84 \mathrm{AD}$, 49 years after 34/35 AD.
Referring to 69/70: "... when you see Jerusalem surrounded by armies, then know that its desolation is near. Then let those who are in Judea flee to the mountains. Notes of debts in the temples in 588/87 BC and 69/70 AD were destroyed.

Another version has jubilees in $49,98,147,196,294,392,480$ and 588 BC . These have connections between 49 $\mathrm{BC}, 49 \mathrm{AD}$ and 532 AD . This would merge with the 532 -year cycle from 1 AD to 532 AD ( 28 x 19 ) commonly called an Easter Cycle. Thus, a jubilee would be in 48/49 AD. Note, in TABLE 10, that 31 AD is in the middle of the $10^{\text {th }}$ week after 37 BC .

| TABLE 15. Jubilees From 1 to 2023 AD |  |
| :---: | :---: |
| BC37/36 |  |
| AD 13/14 |  |
| AD 62/63 | AD 1042/43 |
| AD 111/12 | AD 1091/92 |
| AD 160/61 | AD 1140/41 |
| AD 209/10 | AD 1189/90 |
| AD 258/59 | AD 1238/39 |
| AD 307/08 | AD 1287/88 |
| AD 356/57 | AD 1336/37 |
| AD 405/06 | AD 1385/86 |
| AD 454/55 | AD 1434/35 |
| AD 503/04 833 yrs > | AD 1483/84 |
| AD 552/53 = $\mathbf{1 7}$ jubilees | AD 1532/33 |
| AD 601/02 | AD 1581/82 |
| AD 650/51 | AD 1630/31 |
| AD 699/00 | AD 1677/78 |
| AD 747/48 | AD 1728/29 |
| AD 797/00 | AD 1779/80 |
| AD 846/47 | AD 1826/27 |
| AD 895/96 | AD 1875/76 |
| AD 944/45 | AD 1924/25 |
| AD 993/94 | AD 1973/74 |
| Sabbaticals in summers of $2023 \& 2230$ | AD2 022/23 |

## What About Year 0?

One of the problems in documenting numerous eras found in the Ancient writings is to track each era from BC to AD . This could be avoided by counting forward from creation in year 1 to 3955 (1 AD) and then forward to 5956 AD (year 2000 AD) and then on 44 yrs. to 6000 (2044 AD) HERE..

## Benedict Zuckermann

Interesting to find that the temple was burned in the Sabbatical year 68-69 AD according to Zuckermann's A Treatise on the Sabbatical Cycle and the Jubilee (1866) (See Zuckermann HERE). He documented the Jubilee in the fall of 1189 AD.

## Ben Zion Wacholder

Whereas, it was in 69/70 according to Ben Zion Wacholder's The Calendar of Sabbatical Cycles: HERE. Did Zuckermann add year 0?

Some say 539 BC (when Babylon fell) was 2520 years before 1981 AD $(2520-539=1981)$. Others say adding one year 0 makes it 1982 .

## NASA

Likewise, for the charts posted by NASA on the new and full moons and solar and lunar eclipses, it is necessary to understand that year 0 is $1 \mathrm{BC},-1$ is 2 $B C$ and -3 is $4 B C$.

## Ussher

James Ussher, in his Annals of the World, says there was a lunar eclipse on September 20, 331 BC. NASA says this was in -330 (found HERE). This means before 1 AD differ by one year.

## Examples

Rule \# 1: Avoid joining spring with fall calendars, as in $7 / 6 \mathrm{BC}, 6 / 7 \mathrm{AD}$ to avoid confusion: From March 21, 7 BC, to March 21, 7 AD, there are $\mathbf{1 3}$ years, not 14. March 21, 7 BC, 6 BC, 5 BC, 4 BC, 3 BC, 2 BC, 1 BC to March $21, \underline{1 \mathrm{AD}}, \underline{2 \mathrm{AD}}, \underline{3 \mathrm{AD}}, \underline{4 \mathrm{AD}}, \underline{5 \mathrm{AD}}, \underline{6 \mathrm{AD}}, \& \underline{7 \mathrm{AD}}=\underline{13}$ years, not $\mathbf{1 4}$. Year 0 is not included.

From BC to AD , dates should be treated the same way, from the dates' beginnings. From March 21, 1 BC to March 1 AD , there is one year, not two. 1 $B C$. Year 1 AD is not inclusive. It is the first year. Year 7 is the $7^{\text {th }}$ year. Same can be applied to years $28,35,49,55,63 \& 70$ AD. The Hebrew calendar may go back to the previous fall for each.

From March 21, 7 BC to March 21, 7 AD , there are 13 years, not 14.7 AD is the $14^{\text {th }}$ year. The 14 th is not inclusive. A child born on January $\mathbf{1 , 1 \mathbf { 1 B C }}$ becomes a one-year-old on January 1, 1 AD, at the end of its first year. September, 539 BC to September, 1981 AD equals 2520 yrs. (after September -nn.

If Herod captured Jerusalem in $37 / 36$ BC in a Sabbatical year, the following Sabbaticals would be in 30/29, 23/22, 16/15, 9/8 and $2 / 1 \mathrm{BC}$. Time back to 588 BC is equal to 12 jubilees. Time forward to 532 AD is equal to 28 years times 19 and divisible by 4 , 7, 19 and 28 years.

However, if the Christian Era reverted back to the first temple dates, when Sabbaticals were in $\underline{623}, 588,574$ and 539 BC, then, in this case, these dates could be extrapolated on down to $7 / 6 \mathrm{BC}$ and $1 \mathrm{BC} / 1 \mathrm{AD}$, for example, $588,539,490,392,294,196$, $49,0 / 1 \mathrm{AD}$. The line could continue in $6 / 7,13 / 14,20 / 21,27 / 28,34 / 35,41 / 42,48 / 49,55 / 56,62 / 63$ and $69 / 70 \mathrm{AD}$, as in TABLE 8. In this case, counting backwards to when the temple was burned, $588 / 87$ would be a Jubilee year.

This would be counter to the Babylonian, Greek, Roman and king Herod's 7-year cycle. Nebuchadnezzar was as a wild anima for 7 years beginning in $569 \mathrm{BC}, 30$ years before Babylon fell to Persia in 539.569 align with Alexander in 331 BC , which was equal to 6 Jubilees before Herod in 37 BC.
This view is supported by the 532-year 19-year cycle, from 01 AD to 532 AD, as proposed by Anglo-Saxon Venerable Bede after 1672 AD. His date for Creation was 3952 BC, three years after 3955 in this present study.

## 14-Year Pattern

14 years after crossing the Jordan, Joshua brought the tribes to Shiloh to distribute to them the land west of the Jordan. (Moses had previously distributed the land to the tribes east of the Jordan).

Josiah had found the lost book of Moses and began the reform in 623.
14 years after Josiah found the lost Book of Moses would be in 609 BC, which is 70 years before Babylon fell in 539 BC .

14 years after the first temple was burned in 588/87 BC, in 574 BC, there was a jubilee year (Ezek 40:1), 49/50 years after Josiah's Reform in 623 BC.

14 years after an event, Paul said there was a man... "such a one \{was\} caught up to the third heaven (2 Cor. 12:12). This probably refers to Stephen in Acts 7:55, when he saw the heavens opened and saw Christ sitting on a throne. Saul stood witnessing the vision. From this, it can be conjectured that Saul tormented the church from 31 to $34 / 35$ AD as in Revelation 12:5-6,14-17. This was probably 14 years before Paul attended the Jerusalem Conference in 48/49 AD.

14 years after the temple was burned in $69 / 70 \mathrm{AD}$, there was a Jubilee in 84 AD if TABLE 6 is correct.
Note that TABLE 6 has one jubilee from 34/35 to 83/84 AD.
"...when you see Jerusalem surrounded by armies, then know that its desolation is near. Then let those who are in Judea flee to the mountains, ... This refers to 69/70 AD. Notes of debts in the temples in 588/87 BC and 69/70 AD were destroyed.

Another version has jubilees in 49, 98, 147, 196, 294, 392, 480 and 588 BC . These have connections between 49 $\mathrm{BC}, 49 \mathrm{AD}$ and 532 AD . This would merge with the 532 -year cycle from 1 AD to $532 \mathrm{AD}(28 \times 19)$ commonly called an Easter Cycle. Thus, a jubilee would be in 48/49 AD. Note, in TABLE 6, that 31 AD is in the middle of the $10^{\text {th }}$ week after 37 BC .
Daniel does not necessarily refer to sacrificing in a temple and cleansing a temple in our present generation. References to a temple in the first century should be carefully revisited in their proper first century context to avoid wild conjecture.

The era of Creation in the Hebrew calendar allegedly began in year $0 / 1$, in 3761 BC. So it becomes year $3760-$ 3761 in 1 BC and 3761-3762 in 1 AD and year 3830-3831 in 70 AD .

It needs to be corrected so that Creation was actually in 3955 BC , as in TABLE 2.
The Era of the Sabbatical/Jubilee begins in 1407 BC, 245 years after Joseph's famine in Egypt, as in TABLE 2. So it becomes year 1406-1407 in 1 BC and 1407-1408 in 1 AD. Joseph had stood before the Pharaoh when he was 30 , that is, 251 plus $251+30$ years after the nations were scattered from Babel.

There was an Era of Josiah's Reform in 623 AD, when Moses found Moses' book that was lost.
The Era of the burning of the first temple was in 588/587 BC. There was an Era of the fall of Babylon in 539538 BC. This was $251+251$ years before Herod conquered Jerusalem in 37-36 BC.

There was an Era of Alexander after his visit to Jerusalem and founding Alexandria in 311 BC.
There was an Era of Hanukkah after the Sabbatical in 163 BC, 18 Sabbaticals before Herod conquered Jerusalem in 37/36 BC.

Therefore, it becomes important to know how to cross year 0 into the Christian Era. We should not be off even one year.

## Examples

From January 1 BC to January 1, 1 AD, there is one year.
From January 1 BC to January 1, 70 AD, there are 70 years. BC could mean Count Backwards, and AD could mean Ascending Era, counting forward. Actually every year could be counted forward, from January to January, from BC to AD. 3955 BC to 1 BC could be flipped so that they are from 1 to 3955 and then proceed 2,000 years to about 5956/57 (about 2000 AD ).

From January 1, 539 BC to January 31, 1981 AD, there are 2520 years. 1982 begins the $2520^{\text {th }}$ year.
Note that, in NASA astronomy dates for new moons, full moons, solar and lunar eclipses, year 0 equals 1 BC ; -1 equals 2 BC ; -2 equals 3 BC .

From January 1, 539 BC to January 31, 1981 AD, there are 2520 years. 1982 begins the $2520^{\text {th }}$ year. Likewise, a newborn becomes one year old at the end of its first year, at the beginning of its second year, not before. Prior to that is year 0 .

Note that, in NASA astronomy dates for new moons, full moons, solar and lunar eclipses, year $0=1 \mathrm{BC} ;-1=$ 2 BC ; -2 equals 3 BC . Using NASA, the 19 -year cycle of new and full moons, and solar and lunar eclipses in the first century can be restored. Of course, visual new moons were observed from Jerusalem in order convince the masses that a trumpet should be blown to gather an assembly.

Fast forward to 2022 AD: Perhaps some researchers will find it more important to discover just when the 24 divisions of priests in our time, in 2022. The sources today claim the 24 families, after 70 AD and after the bar Kosba Revolt in 132 AD, preserved the weekly cycle in Galilee, Nazareth, Israel, to preserve it from extinction awaiting a return to Jerusalem. Levite families from Nazareth likely preserve Levite y-dna.

TABLE 16 Based upon: https://en.wikipedia.org/wiki/Priestly divisions:
TABLE 16. Jehoiarib on September 10, 2022 (Source HERE)

| $1^{\text {st }}$ Division | Jehoiarib | 1 Chronicles $24: 7$ | $10 / 09 / 2022$ | $9 / 10 / 2022$ | $2 / 25 / 2023$ | $8 / 12 / 2023$ | $1 / 27 / 2024$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2^{\text {nd }}$ Division | Jedaiah | 1 Chronicles $24: 7$ | $10 / 16 / 2022$ | $9 / 17 / 2022$ | $3 / 4 / 2023$ | $8 / 19 / 2023$ | $2 / 3 / 2024$ |
| $3^{\text {rd }}$ Division | Harim | 1 Chronicles $24: 8$ | $10 / 23 / 2022$ | $9 / 24 / 2022$ | $3 / 11 / 2023$ | $8 / 26 / 2023$ | $2 / 10 / 2024$ |
| $4^{\text {th }}$ Division | Seorim | 1 Chronicles $24: 8$ | $10 / 30 / 2022$ | $10 / 1 / 2022$ | $3 / 18 / 2023$ | $9 / 2 / 2023$ | $2 / 17 / 2024$ |
| $5^{\text {th }}$ Division | Malchijah | 1 Chronicles $24: 7$ | $11 / 6 / 2022$ | $8 / 10 / 2022$ | $3 / 25 / 2023$ | $9 / 9 / 2023$ | $2 / 24 / / 24$ |

Note: Each Division begins on the seventh day at noon
TABLE 17. Hebrew Calendar 24 WEEKS
Based upon: http://www.cgsf.org/dbeattie/calendar/?roman=2022

| 25 | 26 | 27 | 28 | 29 | $\mathbf{A v}$ | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| Elue | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | $\mathbf{1 4}$ |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | Tishri | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 13 | 15 | 16 | 17 | 18 | 19 | 20 |


| Jly | 25 | 26 | 27 | 28 | 29 | 30 | Pethahiah |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 31 | Aug | 2 | 3 | 4 | 5 | 6 | Jehezkel |

TABLE 16 seems interesting because it can be shown that, when David and Solomon founded the first temple, this was in the week of Jehoiarib, the first week of the 24 weeks in which the 24 priests began serving in the temple after it was dedicated, and it was destroyed in 587 BC in the week of Jehoiarib (https://code251.com/48-week-cycle.pdf ), in a Sabbatical year.

Moreover, the second temple was ordained in 515 BC in the week of Jehoiarib, in the $7^{\text {th }}$ year of Darius, and Josephus said the second temple was again destroyed during the week of Jehoiarib in a Sabbatical year.

Perhaps probably not by coincidence, the funeral procession for Queen Elizabeth II was during the week of Jehoiarib in 2022 AD.

King Charles III will likely be crowned in the summer of 2023, in a Sabbatical year followed by the Jubilee, as in the time of Richard De Lionheart in 1189 AD, as in TABLE 1.

His name comes from Charles II who gave Pennsylvania to William Penn, gave West New Jersey to another Proprietor and gave 3 million acres (from the Potomac to Shenandoah) to yet another Proprietor.

Queen Elizabeth I owned land that would expand to the Mississippi.
Trumpets
My connection with Barbara Palmer and Charles II is covered HERE

TABLE 18. Jubilees after 1407 BC and 2024 AD (by Floyd R. Cox, Revised on 4-14-2015)

| 196 yrs 4 jubilees | 3955/54BC | 2926/25BC |  | 1897/96BC | -917/16BC | AD 13/14 |  | AD1042/43 <br> AD1091/92 <br> AD1140/41 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3906/05BC | 2877/76BC |  | 1848/47BC | 868/67BC | AD 62/63 |  |  |
|  | 3857/56BC | 2828/27BC |  | 1799/98BC | 819/17BC | AD111/12 |  |  |
|  | 3808/07BC | 2779/78BC |  | 1750/59BC | \|770/69BC | AD160/61 |  | AD1189/90 |
|  | 3759/58BC | 2730/29BC | 490 yrs | 1701 BC 343 yr | 721/20BC | AD209/10 |  | AD1238/39 |
|  | 3710/09BC | $2681 / 80 \mathrm{BC}$ |  | 1652/51BC <br> drought ends | 672/71BC | AD258/59 | , | AD1287/88 |
|  | 3661/60BC | 2632/31BC |  | 1603/02BC | 623/22BC | AD307/08 |  | AD1336/37 |
|  | 3612/11BC | 2583/82BC | $245!$ | $1554 / 53 \mathrm{BC}$ | 574/73BC | AD356/57 |  | AD1385/86 |
|  | 3563/62BC | $2534 / 33 \mathrm{BC}$ | $\begin{aligned} & 1 \\ & 1 \\ & \downarrow \end{aligned}$ | $\begin{aligned} & \text { 47 yrs ap } \\ & 1505 / 04 \mathrm{BC} \end{aligned}$ | 527/26BC | AD405/06 |  | AD1434/35 |
|  | 3514/13BC | 2485/84BC |  | 1456/55BC | 478/77BC | AD454/55 |  | AD1483/84 |
|  | 3465/64BC | 2435/34BC | ^1407/06BC |  | 429/28BC | AD503/04 833 yrs |  | AD1532/33 |
|  | 3416/15BC | 2387/86BC | , 1358/57BC |  | 380/79BC | AD552/53 |  | AD1581/82 |
|  | 3367/66BC | 2338/37BC |  | 1309/08BC | 331/30 | AD601/02 |  | AD1630/31 |
|  | $3318 / 17 \mathrm{BC}$ | 2289/88BC |  | 1260/59BC | 282/81BC | AD650/51 |  | AD1677/78AD1728/29 |
|  | $3269 / 68 \mathrm{BC}$ | 2240/39BC 441 yrs |  | 1211/10BC | 233/32BC | AD699/00 |  |  |
|  | 3220/19BC | 2191/90BC |  | 1162/61BC | 184/83BC | AD747/48 |  | AD1728/29 AD1779/80 |
|  | $3171 / 70 \mathrm{BC}$ | 2142/41BC |  | \|1113/12BC | 135/34BC | AD797/00 |  | AD1779/80 AD1826/27 |
|  | $3122 / 21 \mathrm{BC}$ | 2093/92BC |  | 1064/63BC | 86/85BC | AD846/47 |  | AD1826/27 <br> AD1875/76 |
|  | 3073/72BC | 2044/23BC |  | 1015/14BC | 37/36BC | AD895/96 |  | AD1875/76 <br> AD1924/25 |
|  | 3024/23BC | 1995/94BC |  | 49 yrs | 35 yrs | AD944/45 |  | AD1973/74 |
|  | 2975/74BC | 1946/45BC |  | 966/65BC | $02 / 01 \mathrm{BC}$ | AD993/94 | ' | $\underline{49} \mathrm{yrs}$ |
|  |  |  |  | Sabbaticals in summers of 2023-2030 |  |  |  | AD2022/2023 |

TABLE 19. Sabbatical of between 588/87 BC and 07/06 BC

| BC | BC | AD | AD |
| :---: | :---: | :---: | :---: |
| 49 yrs apart | 7 yrs apart: | 1 yr apart: | 7 yrs apart: |
| 588/87 BC | 42/41 | 00/ 01 | 55/ 56 |
| 539/38 | 35/34 | 01/02 | 62/ 63 |
| 490/89 | 28/27 | 02/03 | 69/70 |
| 441/40 | 21/20 | 03/ 04 | $76 / 77$ |
| 392/91 | 14/13 | 04/ 05 | 83/ 84 |
| 343/42 | 1 yr apart: | 05/06 | 90/ $\underline{\underline{1}}$ |
| 294/93 | $\underline{\mathbf{0 7}} 06 \mathrm{BC}$ | 06/ 07 AD | 97/ 98 |
| 245/44 | $06 / 05$ | 7 yrs apart: | 104/105 |
| 196/95 | 05/ 04 | 13/ 14 | 111/112 |
| 147/ 46 | 04/ 03 | 20/ $\underline{\underline{1}}$ | 118/ $\mathbf{1 1 9}$ |
| 98/97 | 03/ 02 | 27/28 | 125/126 |
| 49/48 | 02/01 | 34/ $\mathbf{3 5}$ | 132/133 |
|  | 01/00 | 41/42 |  |
|  |  | 48/ 49 |  |

Yrs. divisible by 7: 3955, 3759, 1407, 966, 623, 588, 539
TABLE 17 illustrates how the sabbaticals during the first century AD revert back to the sabbaticals before the first temple burned in $588 / 587 \mathrm{BC}$. Dates are equally divisible by 7.

TABLE 17 illustrates how the sabbaticals after the first temple burned were two years off during the time Israel was ruled by Babylon, Persia, Greece and Rome during 604, 569, 520, 331, 163, $135,44,37$ and 2 BC . These have a remainder of 2 .

Note that the Bar Kochba Revolt in 132/33 was six jubilees after the temple was rededicated in 163 BC, when Hanukkah was celebrated for 8 days. 294 years $(6$ jubilees $)=163 \mathrm{BC}$ plus 132 AD .

This would include the Muslim calendar created 490 years later, in 622 AD.

Note that, in table $1,02 / 01 \mathrm{BC}$ is year 7 .
In Table 2, it is in the $5^{\text {th }}$ year.
Note that 70 AD to 2030 AD equals $490 \times 4$.

TABLE 20. Jubilees after 1652, 1407, 966, 623 BC and 70 AD (by Floyd R. Cox, Revised on 11-08-2022)


TABLE 20 addresses the idea that, since the jubilees lasted from Creation in 3955 to 623 BC (and 574 BC in Ezekiel 40:1), there has been a two-year interruption of this cycle during the rule of Daniel's four empires, after 623, from 569 to 37 BC, as seen in TABLE 17, during Babylon, Persia, Greece and Rome, down to when Herod conquered Judea in the sabbatical of 37 BC after which there would be a sabbatical in 2 BC , not in $1 \mathrm{BC} / 1 \mathrm{AD}$.

Ben Sion Wacholder, 1924-2011 supports the sabbaticals illustrated in TABLE 18 (his Obituary HERE). However, the jubilee starting the rebellion of 132 AD was likely counted from Hanukkah, in $163 \mathrm{BC}(163 \mathrm{BC}+132 \mathrm{AD}=294 \mathrm{yrs}$.$) .$
$539 \mathrm{BC}+2520$ years $=1981 \mathrm{AD}, 7$ years after 1974.
The correction would link 539/38 BC 2520 years later with 1980/1981 AD, 7 years after 1973/1974 AD. (Semitism prefers BCE and ACE (Common Era).

This theory is supported as follows:
Sabbatical dates are divisible by 7, such as, AD $28,34,63,70,133,623,1190,1974,1981,1988,1995,2002,2009$, 2016, 2023, and 2030.

If there is no year 0 , then 1 BC would be counted in the fall, and 1 AD would be counted in the next spring.
What did Dionysius Exiguus conclude?
"However, nowhere in his exposition of his table does Dionysius relate his epoch to any other dating system, whether consulate, Olympiad, year of the world, or regnal year of Augustus; much less does he explain or justify the underlying date." (Blackburn \& Holford-Stevens 2003, p. 776).
(Go to: https://en.wikipedia.org/wiki/Anno_Domini, p. 2).
Knowledge shall increase, and the wise will understand (Dan. 12:3). Others will be stuck in the mud.

## Major Challenge to the Above Patterns

Some who are exposed to the Greek Septuagint text will ask, "Were the pyramids built before Noah's Flood?" A video was sent me, which explained that this text added 600 years to the figures between Adam and the Flood, 2256 years instead of 1656.

First my version of the pre-flood kings for the first 1656 years before Noah's Flood (taken from pre-flood tablets):
http://code251.com/1656-years-before-the-flood.pdf
The film accused the Jews of subtracting 600 years between the Flood and Abraham so that Shem (Noah's son) could be identified as being Melchizedek, the Priest at Salem whom received tithes from Abraham. Shem lived 502 years ( $251 \times 2$ ) after the Flood, and Abraham would be age 75, 427 years after the Flood, 427 years before the Exodus.
The pattern is 1656 years from Adam to the Flood.
The pattern is 427 years from the Flood to Abraham's age 75.
The pattern is 427 years from Abraham's age 75 to the Exodus.
These add up to 2510 years $(1656+427+427=2510)$.
However, like this pattern, the Jews had several writings overlooked the Flood and many subtracted 60 years between the Flood and Abraham. This would make 2450 years (4900/2) (49 x $50=2450)$ from Adam to the Exodus $(2510-60=2450$ years $)$, which also places the Exodus in a Sabbatical year.

Another pattern is $251 \times 7(251 \times 7)$ from Adam to the dispersion of nations at Babel ( $251 \times 7=$ 1757 years). This and some other Jewish books ignore the Flood. And then there were $251 \times 8$ from Adam to Abraham ( $251 \times 8=2008$ years) (Compare Acts 7).

And then there were $251 \times 9$ from Adam to Joseph ( $251 \times 9=2259$ years) and $251 \times 10$ from Adam to the Exodus ( $251 \times 10=2510$ years). Dates here are supported by Archbishop Ussher in his Annals of the World... except he instead has 2513 years to make the Exodus a Sabbatical year ( $7 \times 359$ ). Some have placed the pyramids in the time of Joseph. But the Sabbaticals began when Joshua crossed the Jordan River into the Promised Land (Leviticus 25).

Joseph was 39 when Jacob came into Egypt and the Israelites left their camp after 39 years to go toward the Promised Land in the $40^{\text {th }}$ year.

Therefore, from the dispersion from Babel to Joseph's birth, there are 502 years ( $251 \times 2$ ) and 532 years to when he stood before the Pharaoh at the age of 30 .

Regarding the Greek Septuagint: It was placed in Synagogues in the first century. As said, it adds 600 years from Adam to the Flood $(1656+600=2256)$ and adds 600 years between the Flood and the Exodus. It has 590 years between the Exodus and the temple instead of 251 or 479 years $(479+111=590)$. Therefore, the early Classical belief was that Creation was in 5500 BC instead of 4004 BC. It has few if any references to the Sabbatical or Jubilee cycles.

Egyptian Dynasties were 700 years too long because they merely added each dynasty in a sequence without overlapping. This accounts for why Immanuel Velokavsky placed Ramesses II, after 1290 BC (as in the movie, The Exodus), in the time of Nebuchadnessr, after 604 BC.

TABLE 21. Three Basic Systems of Chronology From Joshua to Samuel

| Epoch | 111-yr. <br> System | 339-yr. <br> System | 450-yr. <br> System |
| :---: | :--- | :--- | :--- |


| OPPRESSIONS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Cushan | 8 |  | 8 |  |
| Moabites | 18 |  | 18 |  |
| Jabin | 20 |  | 20 |  |
| Midianites | 7 |  | 7 |  |
| Ammonites | 18 |  | 18 |  |
| Philistines | 40 |  | 40 |  |
|  | 111 |  | 111 |  |
| JUDGES |  |  |  |  |
| Othniel |  | 40 | 40 |  |
| Ehud |  | 80 | 80 |  |
| Shamgar |  | 0 | 0 |  |
| Deborah |  | 40 | 40 | 111 |
| Gideon |  | 40 | 40 | 339 |
| Abimelech |  | 3 | 3 | 450 |
| Tola |  | 23 | 23 | Acts 13:20 |
| Jair |  | 22 | 22 |  |
| Jephthah |  | 6 | 6 |  |
| Ibsan |  | 7 | 7 |  |
| Elon |  | 10 | 10 |  |
| Abdon |  | 8 | 8 |  |
| Samson |  | 20 | 20 | Judges 16:31 |
| Eli |  | 40 | 40 | I Sam. 4:18 |
|  | 000 | 339 | 339 |  |
| Period of the Judges until Samuel | 111 | 339 | 450 | Acts 13:20 |

Table 20. Three Interpretations of Judges and Oppressions (Exodus to the Temple)
\(\left.$$
\begin{array}{|c|c|c|}\hline 251 \text { yrs }+228= & \begin{array}{c}479 \text { yrs } \\
\text { In time of Ramesses II }\end{array} & \begin{array}{c}\text { I Kings 6:1 } \\
\text { King James \& } \\
\text { Massoretic Text }\end{array}\end{array}
$$ \begin{array}{c}In time of the Hyksos <br>
Greek Version <br>

Acts 13:20\end{array}\right]\)| $251+228+111=450$ yrs |
| :---: |
|  |
| Acts 13:20 |

TABLES 19 \& 20 account for how older Bibles found in the Dead Sea Scrolls matched the Septuagint in Genesis 5 and 11. Long after Alexander visited Jerusalem in 332 BC, 70 priest of Jerusalem took their copy to Alexandria to have it translated into Greek. It seems logical that a Greek librarian, having access to Egyptian dynasties, added 600 years in Genesis 5 and another 600 years in Genesis 11, Exodus 12:41, Acts 13:20, etc. to match the Egyptian dynasties.

I suppose the flood theories could have begun when a father took his son up a high mountain and found many seashells... not realizing that the mountain rose from sea level, not that the sea rose up the mountain.

Recent research has a theory that the Flood was local, not universal perhaps drowning those living below today's massive Black Sea before it was flooded by the Mediterranean Sea, just above Istanbul (Google HERE).

I can probably add more, but so far, I conclude that it all depends on whom we quote. We were not there. Other input is welcome.

Noah was age $502(251 \times 2)$ when Shem was born and Shem lived 502 years after the Flood. Abraham was born $101+251=352$ years after the Flood. Abraham, Isaac and Jacob lived 502 years $(175,180 \& 147=502)$.

The Hebrew firstborn saved at the Exodus were in every tribe. They did not have to be Levites. Moses replaced the original firstborn with the tribe of Levi. The New Testament Firstborn were Christ and his followers. They were to become a Kingdom of priests and did not have to be Levites. He was like a Second Adam.

## Conclusion

Tons could be said about the Captain of the Lord's Host (being in a Higher Realm like the Supreme Court, that is, in another dimension closely merged with our own).

Joshua met this Captain after crossing the Jordan. Joshua did not collapse the walls of Jericho. One from that Realm killed 185,000 of an Assyrian army (HERE) (II Kings 19:35).

Interventions from that Realm are represented in Revelation as an invader on a white horse with a sword in his mouth fighting to sustain or restore civility, life, liberty and the pursuit of happiness among all nations (Rev. 19:14-15). In Revelation 16:12, someone like Cyrus crosses the Euphrates to destroy Babylon.

Venerable Bede (673-735 AD) said the date of Creation was 3952 BC, not 3761, 3955 nor 4004 BC. His 532 -year cycle was followed by Dionysius Exiguus who began his Christian era in 1 AD (Anno Domini), after BC 1, down to 532 AD during his own time. He followed the 532-year cycle of Cyril of Alexandria, which also began in 1 AD (no year 0 ).

The 532 years can be extrapolated from AD 1 down to 532 AD, when Dionysius began new 19year and 532-year cycles and can be traced back to BC 490, 539, 623, 966, 1407, 1652, 3024, and 3955.

The 251 years can be extrapolated from AD 1 down to AD 2008 ( $251 \times 8$ ). This merges with $1004,763,502 \mathrm{BC}$ and 2009 AD .

A conclusion to the above is that the Higher Realm in its higher dimension has been highly involved in our present dimension, not just far off in another galaxy, another way of saying, "In Him we live and breathe and have our being."

It would be interesting to see how the 24 elders that moved to Nazareth and named their Sabbaths after each of the 24 elders believed they would recapture Jerusalem, rebuild the temple when a Messiah would come to oust the occupiers in a Jubilee year. Would their views match what is commonly taught today?

Daniel does not necessarily refer to sacrificing in a temple and cleansing a temple in our present generation. References to a temple in the first century should be carefully revisited in their proper first century context to avoid wild conjecture.

## Academia

We have to be careful not to give today's scholars and Academic schools too much credit. Scholars and Academia have used these dates to interpret the 70 and alleged 490 years in Daniel 9. To force these 490 years to end in 34/35 AD, they must force them to begin in $457 / 56 \mathrm{BC}$, in the $7^{\text {th }}$ year of Artaxerxes and claim this is when Ezra returned from Babylon to Jerusalem.

To do this, Ezra must return to Jerusalem in 457 BC, in Artaxerxes' year 7 (Ezra 7:7), instead of after 539 BC.

In contrast, Ezra actually begins his Chapter One just after the 70 years mentioned in Daniel 9 and 2 Chronicles 36:22-23. These dates clash with the $7^{\text {th }}$ and $20^{\text {th }}$ years of Darius ( 521 to 486 BC) according to James Ussher.

To support this belief, they allege that Esther was crowned in Persia in Xerxes' $7^{\text {th }}$ year (Ezra 7:7), in 478 BC, even though king Nebuchadnezzar took her first cousin, Mordachi, to Babylon in 598 BC ( $598-478=120$ years). Is this logical?

Julius Caesar indorsed this cycle when he mandated to alloy the Jews to keep their Sabbaticals without being taxed after 44 BC , the year he was killed.

Ezra allegedly returned from Babylon to Jerusalem in 457 BC, 490 years before the Messiah in $27 / 28$ to $34 / 35$ AD. Ussher says Ezra returned with the priests to dedicate and manage the new second temple after 516.

He says Esther was actually crowned in 516 BC, in Darius' $6^{\text {th }}$ year.

TABLE 10 suggests that Julius Caesar's Sabbatical Decree made in $44 / 43$ BC and Herod's capture of Jerusalem in $37 / 36$ BC are 70 years before $27 / 28$ and $34 / 35 \mathrm{AD}$.

Knowledge shall increase, and the wise will understand (Dan. 12:3). Others depending on wild speculation are stuck in the mud. These rarely consider that Jewish ideology has omitted 196 years from their date of Creation and begins its 19 -year and 49 year cycles in 3761 BC.

The patterns illustrated above are divisible by 7 and are not interrupted by a $50^{\text {th }}$ year just as the 7 -day cycle is not interrupted by Pentecost, the $50^{\text {th }}$ day .

Google for "the $9^{\text {th }}$ of $A v$ " HERE (also called Ab)

Ussher's date of creation in 4004 is 49 years before 3955. Hebrew date of Creation in 3759 BC is 196 years, 4 jubilees, after 3955. Adam's death in 3024 BC is 931 years ( 19 jubilees) after $\mathbf{3 9 5 5}$.

Joseph was born $251 \times 9$ after $\mathbf{3 9 5 5}$ BC, in 1696 BC, that is, $251 \times 2$ after Babel.
(The 251-year cycle predated the $\mathrm{BC} \& \mathrm{AD}$ dating method.)
He was age $\underline{30}(\underline{4 \times 7+2}),(\underline{251 \times 2+30})$, when he stood before the Pharaoh, $(\underline{2259+30})$ after $\underline{3955}$
Exodus was $251 \times 10$ after $\mathbf{3 9 5 5}$ BC
Sabbaticals after 569 BC, when Nebuchadnezzar became a wild beast 7 years, the cycle changed to 520, 331, 163 and 37 BC. This cycle differs two years from the 3955 BC down to 539 BC cycle.
By adding 30 years to $37 / 36 \mathrm{BC}$ (as in the time of Joseph), this brings the cycle down to $7 / 6 \mathrm{BC}$, $1 \mathrm{BC} / 1 \mathrm{AD}$ and to 69/70 AD (as in Ussher's and Wacholder's dates) for the first century.

The Jewish timeline, evidently, omitted 165 years between 539 and 331 BC in order to create $532 \times 7$ years between creation in 3761 BC and Herod in 37 BC . These 165 years included dating the temple as 832 instead of 968 BC, which would omit 136 years) and by omitting 60 years between Abraham and his father. Total omitted is 196 years ( 4 jubilees). 136 plus 60 years $=196$ years ( 4 jubilees) omitted and these need to be restored from 3761 back to 3955 BC.

