The prevailing water of Noah's flood
(a chronology of the flood)

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http://ezekielmasterkey.com/

- Gen 7:11 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 heavens were opened. NIV

- Gen 8:14-16 ==By the twenty-seventh day of the second month== *[of Noah's six hundred and first year]* the earth was completely dry. Then God said to Noah, "Come out of the ark NIV

Setting the specific chronology of the flood would seem to be an easy task. After all, the Bible supplies five specific markers, mentions a few periods of time, and the whole event lasted about a year. Apparently many have been seduced by this unchallenging undertaking and have proposed their own but nevertheless nearly identical understanding of this short period.

There is however one difficulty that they have all solved with the same apparent lack of concern for the oddity of the explanation. In the Bible's description of the flood there is the mention of a 150-day period of prevailing water and there is an allusion to a five-month stretch. In each timeline that I have seen, the author proposed that theese two periods overlap and he concludes that at the time of the flood every month were exactly 30 days in length (5*30 = 150). This extraordinary fact would mean that the orbit of the moon around the earth was slightly different at the time of Noah than it is nowadays. I don't buy that. Let us keep in mind that the flood was God's method of destroying a corrupt world.

- Gen 6:13 "I am going to put an end to all people, for the earth is filled with violence because of them. I am surely going to destroy both them and the earth. NIV

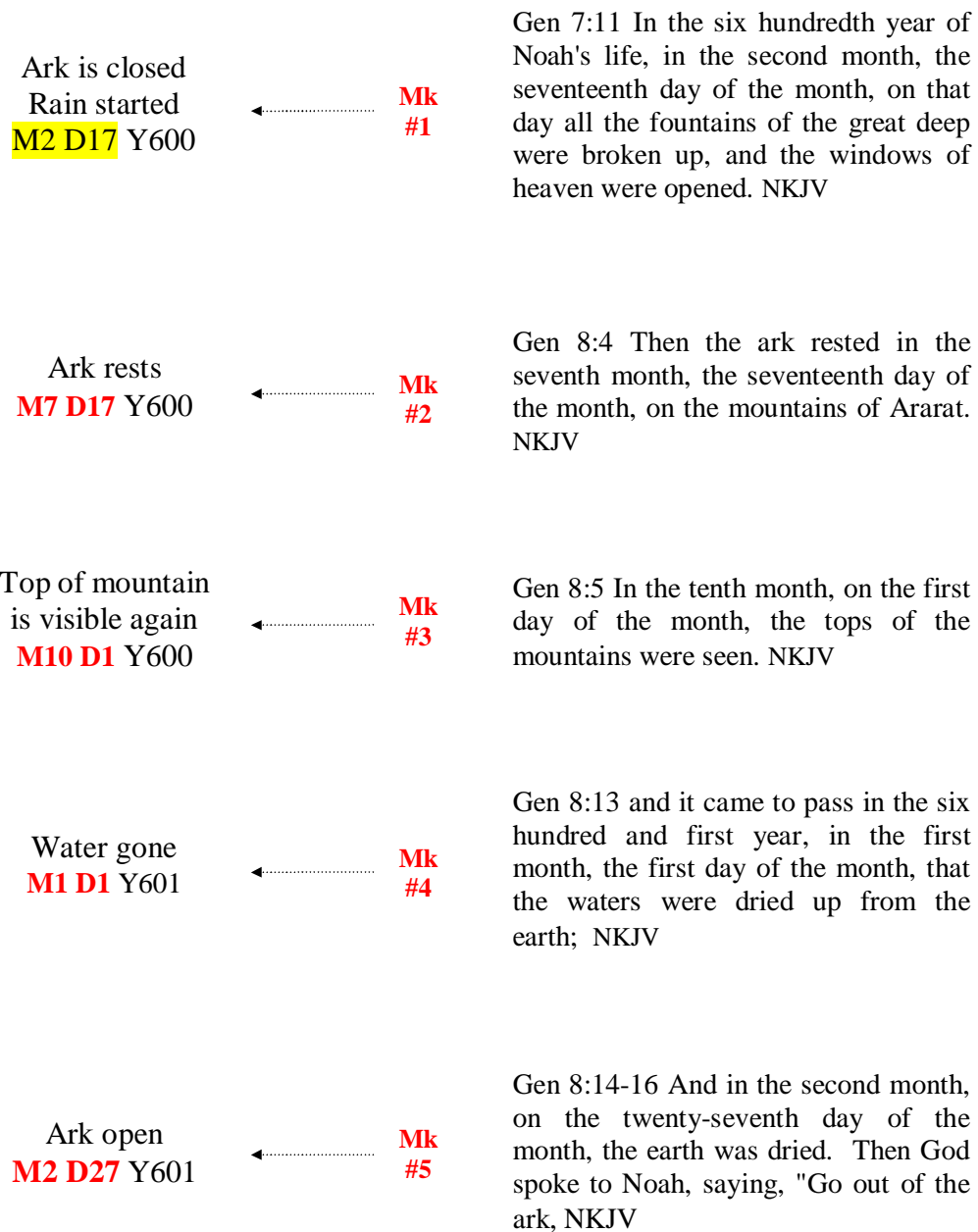There was no need to change anything outside the boundary of that world.

If you are familiar with my other works you already know that I firmly believe God left a signature in the Bible's chronology and it can be seen in the form of patterns, symmetry, and beauty. As for me, I will always interpret the absence of these three elements in any Bible's proposed timeline as a sign of inaccuracy and a clue that there are some elements that have not been properly understood. God's chronology cannot lead to a bleak design.

The timeline proposed in this article will show that it is possible to harmonize all the chronological information found in Gen 7 & 8 and obtain a logical picture of what really occurred while Noah was in the Ark.
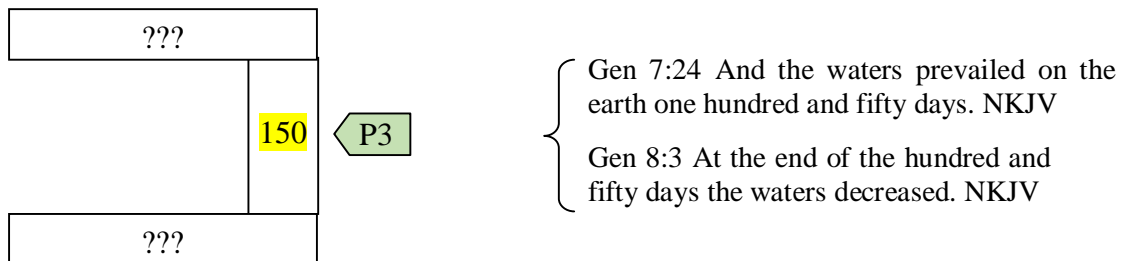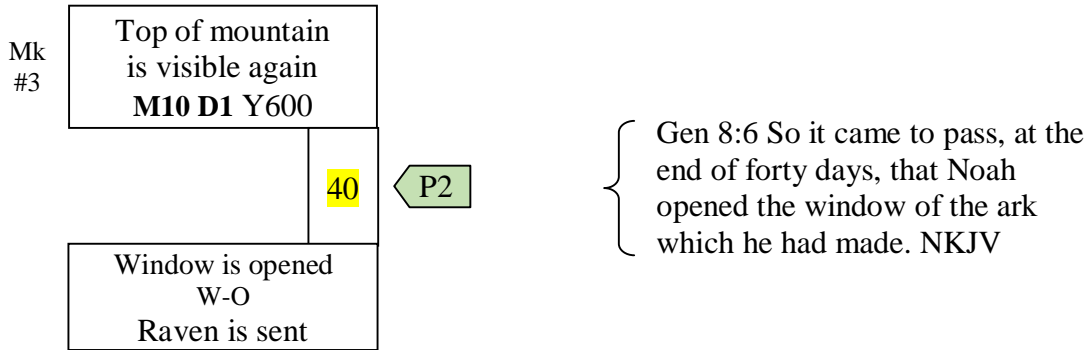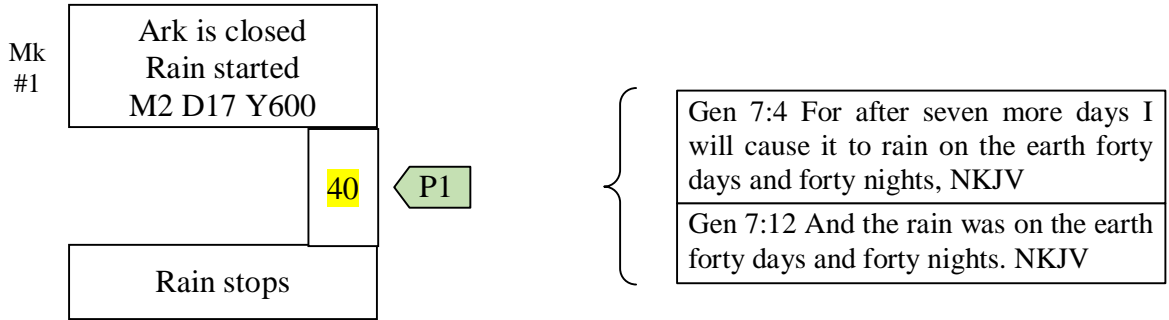
In the following three pages we are going to build a basic (and somewhat uncontroversial) timeline of the flood. Later we will see how it is possible to elaborate this basic timeline to expose never seen patterns.

We start with the following five markers, they are the only Bible's events, related to the flood, that are supplied with a date. We will use them to create the flood timeline.

Lets call them the Bible marker (**Mk #**)

Ark is closed Rain started M2 D17 Y600	◁ .... **Mk #1**	Gen 7:11 In the six hundredth year of Noah's life, in the second month, the seventeenth day of the month, on that day all the fountains of the great deep were broken up, and the windows of heaven were opened. NKJV
Ark rests **M7 D17** Y600	◁ .... **Mk #2**	Gen 8:4 Then the ark rested in the seventh month, the seventeenth day of the month, on the mountains of Ararat. NKJV
Top of mountain is visible again **M10 D1** Y600	◁ .... **Mk #3**	Gen 8:5 In the tenth month, on the first day of the month, the tops of the mountains were seen. NKJV
Water gone **M1 D1** Y601	◁ .... **Mk #4**	Gen 8:13 and it came to pass in the six hundred and first year, in the first month, the first day of the month, that the waters were dried up from the earth; NKJV
Ark open **M2 D27** Y601	◁ .... **Mk #5**	Gen 8:14-16 And in the second month, on the twenty-seventh day of the month, the earth was dried. Then God spoke to Noah, saying, "Go out of the ark, NKJV

The Bible also supply 6 periods of time (**P1** to **P6**) related to the flood.

Mk #1

Ark is closed Rain started M2 D17 Y600

40 ◁ P1

Rain stops

Gen 7:4 For after seven more days I will cause it to rain on the earth forty days and forty nights, NKJV

Gen 7:12 And the rain was on the earth forty days and forty nights. NKJV

Mk #3

Top of mountain is visible again **M10 D1** Y600

40 ◁ P2

Window is opened W-O Raven is sent

Gen 8:6 So it came to pass, at the end of forty days, that Noah opened the window of the ark which he had made. NKJV

???

150 ◁ P3

???

Gen 7:24 And the waters prevailed on the earth one hundred and fifty days. NKJV

Gen 8:3 At the end of the hundred and fifty days the waters decreased. NKJV

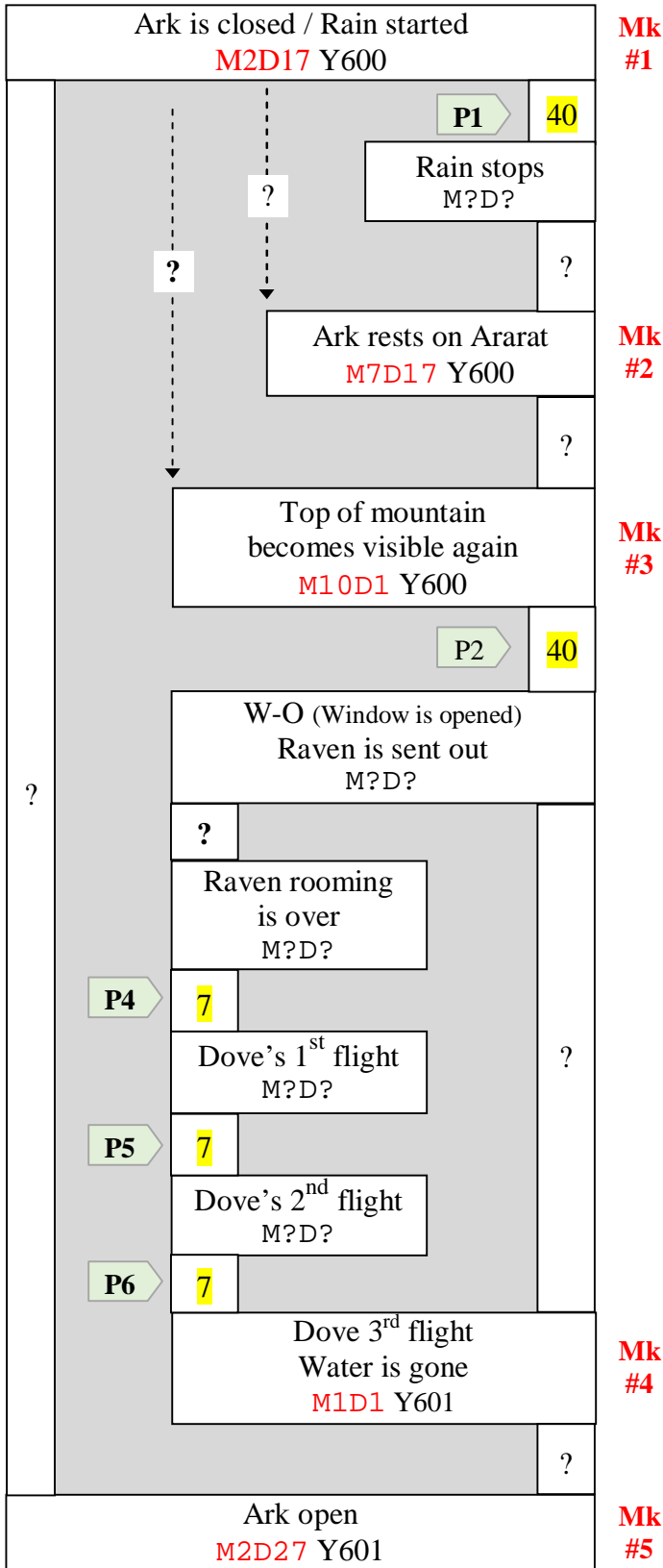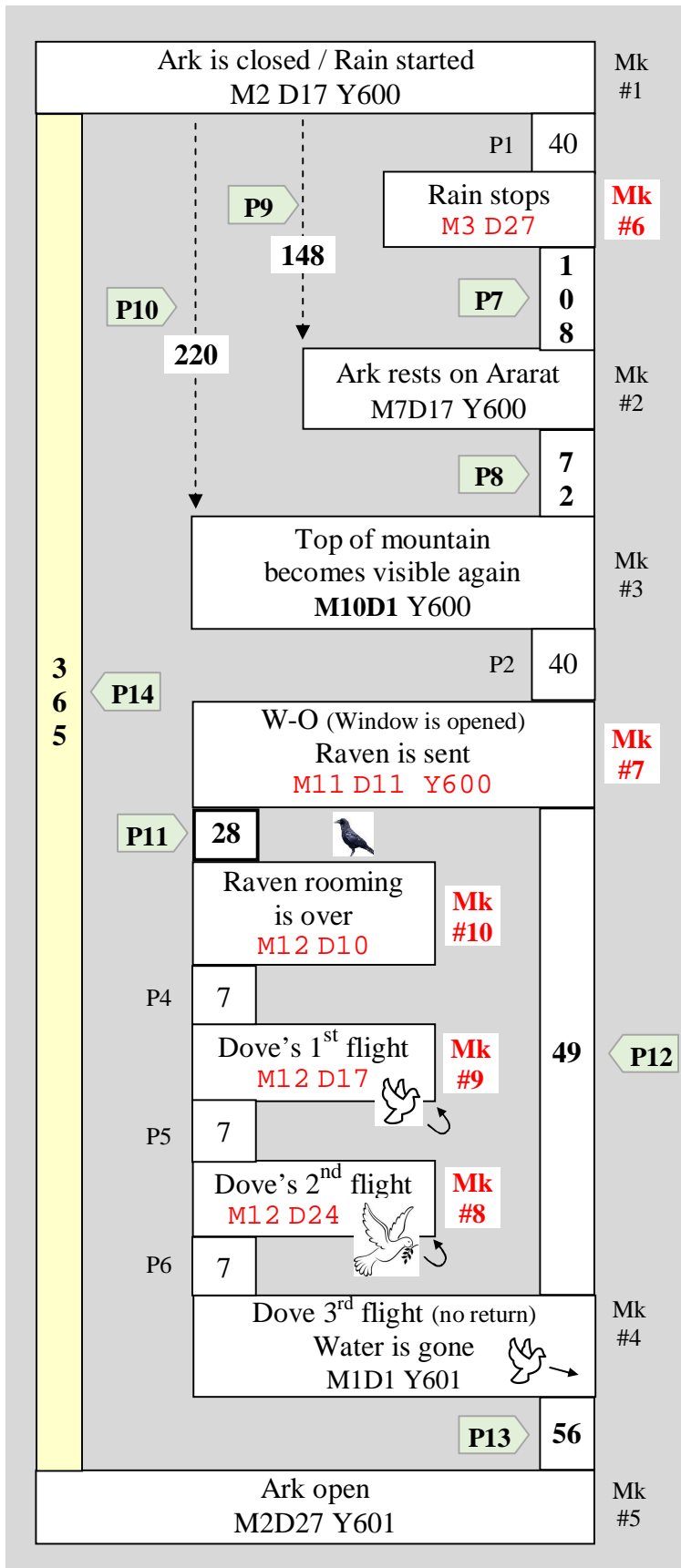|	
Raven sent out	
?	Gen 8:7 and sent out a raven, and it kept flying back and forth until the water had dried up from the earth. NIV *It is implied here that more than one day elapsed. We will see later that it took 28 days*
Raven last rooming **Water had dried out**	
7 [P4]	This seven-day period is not directly stated in the text, but can be derived from the subsequent verses. Genesis 8:10 states that Noah waited "**yet another seven days**" before sending the dove out the second time. This implies that there was an initial seven-day period (P4) before sending the dove the first time.
Dove's first flight	
7 [P5]	Gen 8:10 And he waited yet another seven days, and again he sent the dove out from the ark. NKJV
Dove's second flight **(came back with an olive leaf)**	Gen 8:11 When the dove returned to him in the evening, there in its beak was a freshly plucked olive leaf! Then Noah knew that the water had receded from the earth.
7 [P6]	Gen 8:12 He waited seven more days and sent the dove out again, but this time it did not return to him. NIV
Mk #4 — **Dove's third flight** **(didn't came back)** **Water dried up** **M1 D1 Y601**	Gen 8:12 but this time it did not return to him. NIV Gen 8:13 and it came to pass in the six hundred and first year, in the first month, the first day of the month, that the waters were dried up from the earth; NKJV

The basic timeline of the flood.

Ark is closed / Rain started — M2D17 Y600		Mk #1
P1 — 40		
Rain stops — M?D?	?	
?		
Ark rests on Ararat — M7D17 Y600		Mk #2
	?	
Top of mountain becomes visible again — M10D1 Y600		Mk #3
P2 — 40		
W-O (Window is opened) Raven is sent out — M?D?		
?		
Raven rooming is over — M?D?		
P4 — 7		
Dove's 1st flight — M?D?	?	
P5 — 7		
Dove's 2nd flight — M?D?		
P6 — 7		
Dove 3rd flight — Water is gone — M1D1 Y601		Mk #4
	?	
Ark open — M2D27 Y601		Mk #5

Diagram

Event	Marker
Ark is closed / Rain started M2 D17 Y600	Mk #1
P1 — 40	
Rain stops M3 D27	Mk #6
P7 — 108	
P9 — 148	
P10 — 220	
Ark rests on Ararat M7D17 Y600	Mk #2
P8 — 72	
Top of mountain becomes visible again **M10D1** Y600	Mk #3
P2 — 40	
P14	
W-O (Window is opened) Raven is sent M11 D11 Y600	Mk #7
P11 — 28	
Raven rooming is over M12 D10	Mk #10
P4 — 7	
Dove's 1st flight M12 D17	Mk #9
P5 — 7	
P12 — 49	
Dove's 2nd flight M12 D24	Mk #8
P6 — 7	
Dove 3rd flight (no return) Water is gone M1D1 Y601	Mk #4
P13 — 56	
Ark open M2D27 Y601	Mk #5

(365 on left spine)

Right column

New markers (Mk #x.) are introduced and we get the dates associated with them by using the closest known marker (found either before or after) and we add (or subtract) the already known period of time (Px) separating them.

Mk#6 = Mk#1 + 40   = M3D27
Mk#7 = Mk#3 + 40   = M11D11
Mk#8 = Mk#4 − 7   = M12D24
Mk#9 = Mk#8 − 7   = M12D17
Mk#10 = Mk#9 − 7   = M12D10

In a similar way, to find the unknown periods of time (Px) we count the number of days between the dates of the preceding and the next Marker.

P7 = Mk#2 - Mk#6   = 108
P8 = Mk#3 − Mk#2   = 72
P9 = P1 + P7   = 148
P10 = P1 + P7 + P8   = 220
P11 = Mk#10 − Mk#7   = 28
P12 = P11 + P4 + P5 + P6 = 49
P13 = Mk#5 − Mk#4   = 56
P14 = P10 + P2 + P12 + P13 = 365

Note: A calendar is proposed at the end of this article.
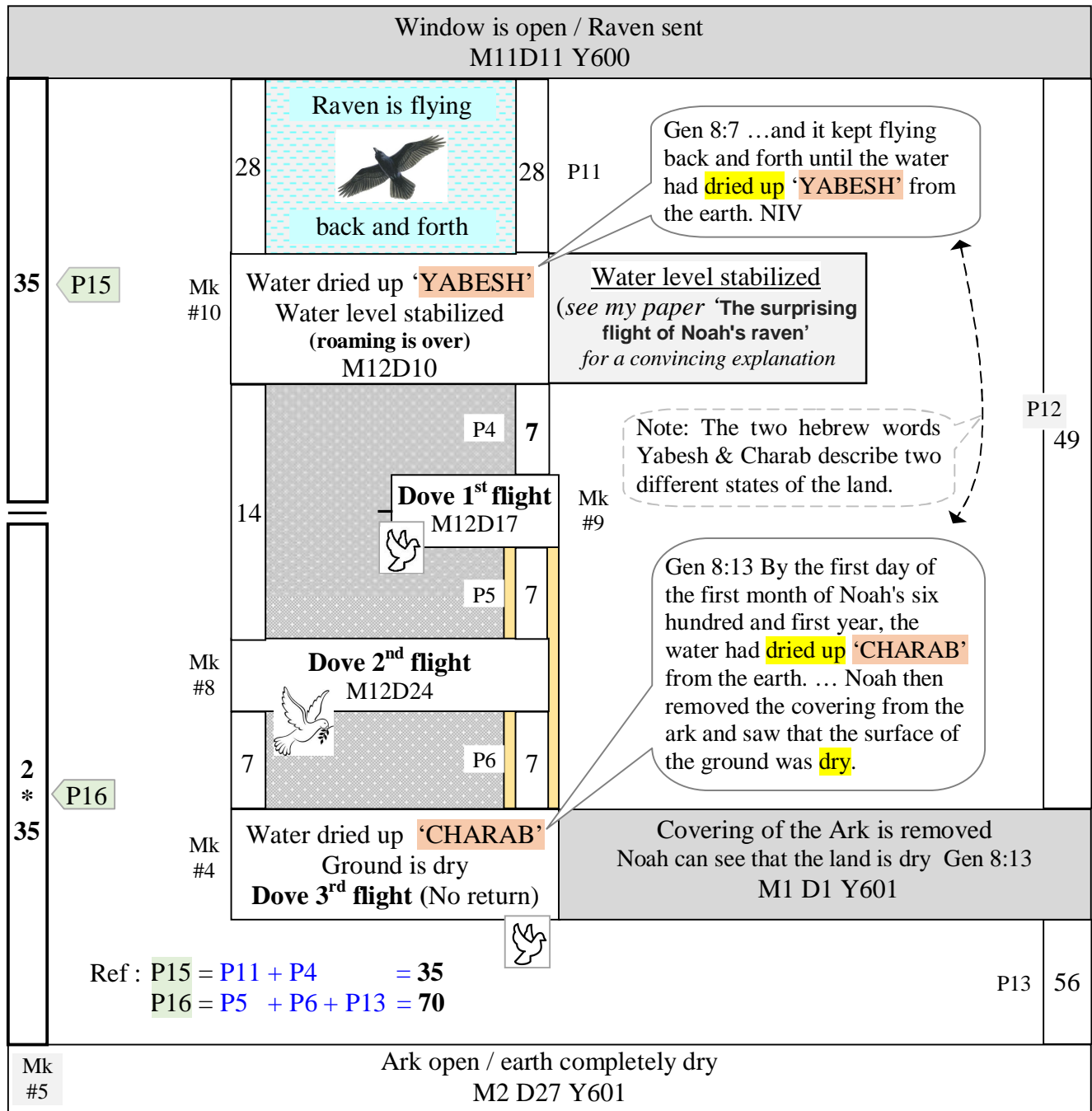
Important :

It is said here that P11 = 28 days. This is not speculative. We first found out that the raven stop rooming the earth (Mk#10) on M12D10 by going backward from the Dove third flight (Mk#4), 2nd flight and 1st flight. Then we found out the date the raven was sent (Mk#7) on M11D11 by going forward 40 days from the time the top of the mountain became visible (Mk#3) on M10D1.

Using the proposed calendar at the end of this paper it was easy to count **28** days from Mk#7 (**M11D11)** to

   Mk#10) **M12D10**.

The chronology of the raven

Seven days (**P4**) before the first flight of the dove on M12D7 (ref MK9) something happened (this is implied by Gen 8:10). We are not told directly what this event was, however we know that the raven had been sent out of the Ark prior to that and it had kept flying back and forth. Based on the fact that Noah waited yet another seven days (Gen 8:10) before sending the dove on its second expedition, we are quite justified in assuming that the raven must have stopped roaming the earth and gone back (to or in) the Ark on M12D10 (ref MK10) (i.e. 7 days before the dove 1st flight).
(There is much more to say about the raven, see on my website
the article under the title: The Flight of Noah's Raven)

Window is open / Raven sent
M11D11 Y600

Raven is flying

back and forth

28   28   P11

Gen 8:7 …and it kept flying back and forth until the water had dried up 'YABESH' from the earth. NIV

35 ◁ P15   Mk #10   Water dried up 'YABESH'
Water level stabilized
(roaming is over)
M12D10

Water level stabilized
(*see my paper* '**The surprising flight of Noah's raven**' *for a convincing explanation*

P12
49

Note: The two hebrew words Yabesh & Charab describe two different states of the land.

P4   **7**

14   **Dove 1st flight**
M12D17   Mk #9

P5   **7**

Mk #8   **Dove 2nd flight**
M12D24

Gen 8:13 By the first day of the first month of Noah's six hundred and first year, the water had dried up 'CHARAB' from the earth. … Noah then removed the covering from the ark and saw that the surface of the ground was dry.

7   P6   **7**

2
∗
35 ◁ P16

Mk #4   Water dried up 'CHARAB'
Ground is dry
Dove 3rd flight (No return)

Covering of the Ark is removed
Noah can see that the land is dry Gen 8:13
M1 D1 Y601

Ref : P15 = P11 + P4   = **35**
P16 = P5 + P6 + P13 = **70**

P13   56

Mk #5   Ark open / earth completely dry
M2 D27 Y601

In the time frame presented on page 6, I didn't show the 150 days (periods P3 of page 3) described in Gen 7:24 and Gen 8.3. It is traditionally accepted that these 150 days represent the exact five-month period between the start of the rain Mk#1 (M2D17) and when the Ark rested on Ararat MK#2 (M7D17). As shown in the next timeframe this is absolutely unacceptable as it would contradict what can be observed on any Hebrew calendar.
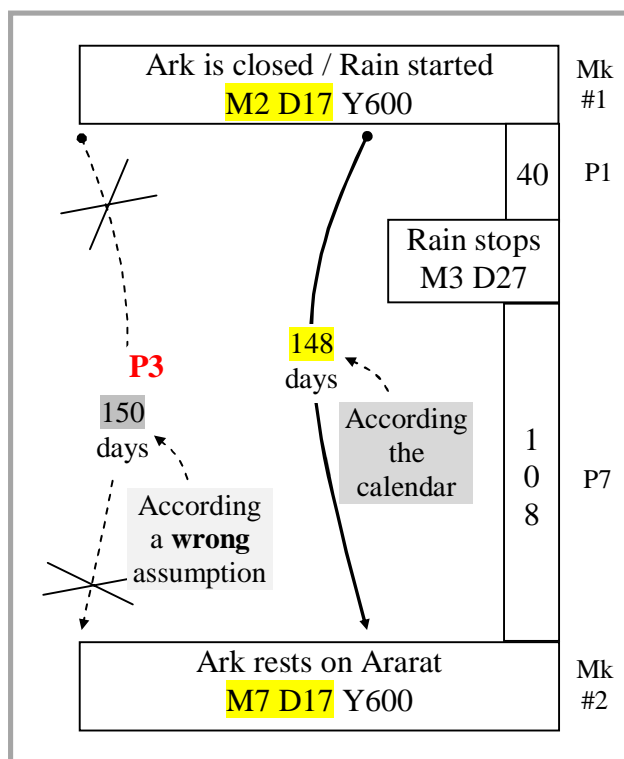
On the Hebrew calendar there could be no more than 148 days between the 17th day of the 2nd month (M2D17) and the 17th day of the 7th month (M7D17).

Here the reader has to understand that the Hebrew calendar uses lunar months which start at the time of a new moon and end at the time of next new moon. The exact astronomical length of a lunar month is 29.5305 days but in practical usage it is understood that a month has a length that alternates from 29 to 30 days. As an exception two successive months could have 30 days but it would never happen for three months in a row. Therefore, on any sequence of five Hebrew months (as is the case in the biblical period which goes from M2D17 to M7D17) there will always be at least two months with a length of 29 days. A direct outcome of this arrangement limits any period of five months to be 147 or 148 days.

Was the moon slower at the time of the flood (thus making a five-month period equal to 150 days instead of the 148 obtained when one observes the contemporary motion of the moon? If you answer yes to this question there is no point trying to figure out any part of the Bible's chronology. How could you know what would be the right duration of any months of the past if it could not be deduced from the modern observations? However, if you answer no and you believe that the motion of the moon has always been the same either before or after the flood, then you have to accept that there is a better answer to the question: What exactly took place during the 150 days of Gen 7:24?

- Gen 7:24 And the waters prevailed on the earth one hundred and fifty days. NKJV

The biggest misunderstanding about the 150 days that the water prevailed has been to tag the beginning of the period to the day when the rain started falling.

- Gen 8:3-4 At the end of the hundred and fifty days the waters decreased. NKJV

- Gen 7:11 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 heavens were opened. NIV
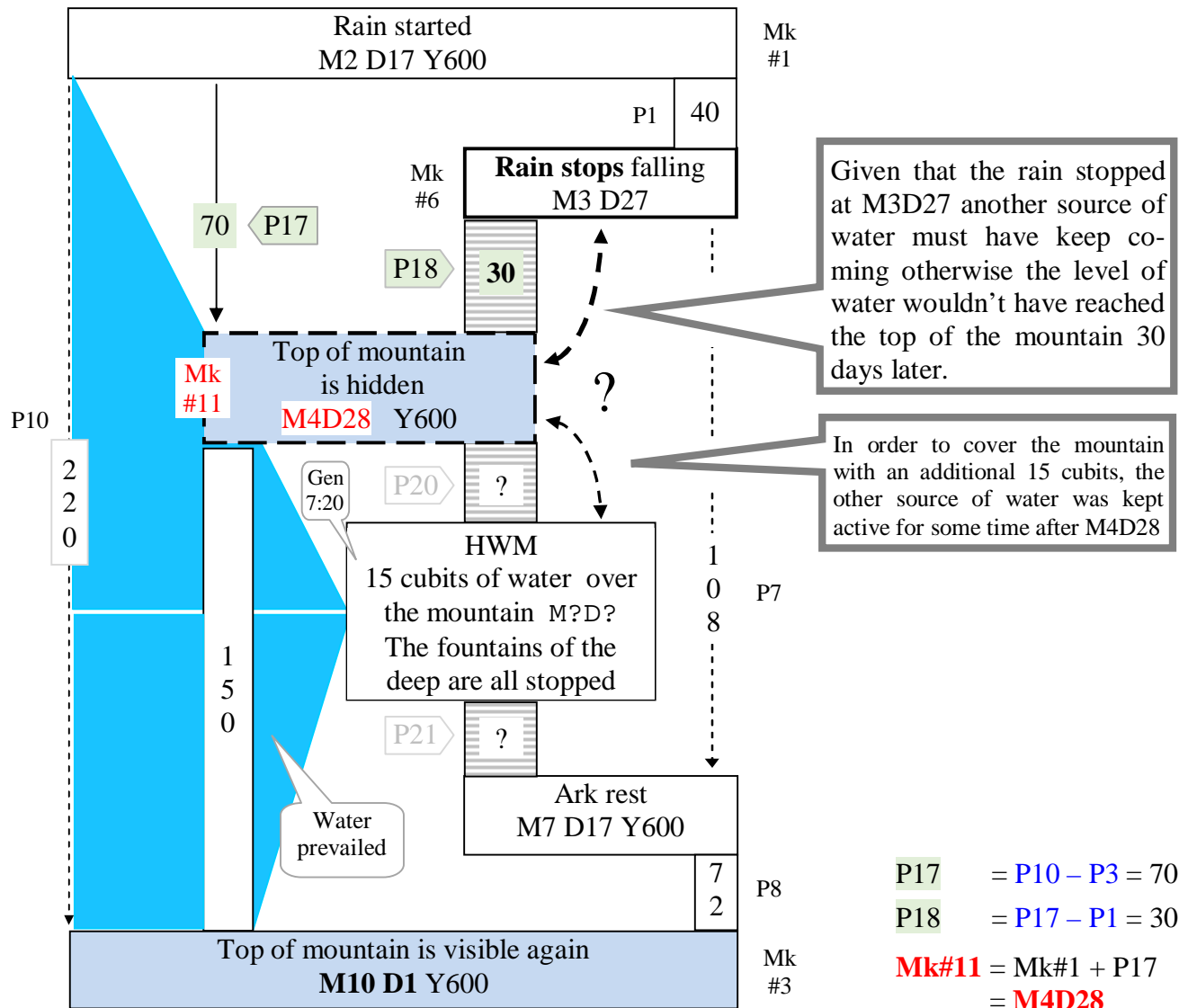
The Bible tells us that 150 days should be associated with a time during which water **prevailed**.

A quick look in any dictionary will tell us that 'prevail' means 'triumph'. In the context of a global flood, during which the whole earth was going to be drowned, 'prevailing' could only mean that the water was winning over the land, the whole land. When did this happen? At the exact time **the water overflowed the highest mountain.** When did the water stop prevailing? When the water receded and the highest peak became visible again. The Bible is saying that for **150 days** there was only water visible on the surface of the earth – no land could be seen anywhere.

We know that the top of the mountain became visible again on M10D1 (ref MK#3) From that point, going backwards 150 days brings us to the Hebrew date M4D28 (ref Mk#11 on next page) i.e. the time when the water started overflowing the top of the highest mountain.

At its highest the water's level reached 15 cubits over the top of the mountain (here called the **H**igh **W**ater **M**ark or HWM).
From that we can deduce that the level of water kept increasing for several days after the top of the mountain was submerged on M4D28.

Gen 7:24 And the waters prevailed upon the earth a hundred and fifty days. RSV

Note: My understanding about this remarkable meaning of the '150 days' came from reading the article "Noah's 365 Days in The Ark" by Henk W. Jens.

Rain started
M2 D17 Y600

Mk #1

P1 40

Mk #6

Rain stops falling
M3 D27

70 P17

P18 30

Given that the rain stopped at M3D27 another source of water must have keep coming otherwise the level of water wouldn't have reached the top of the mountain 30 days later.

Mk #11

Top of mountain is hidden
M4D28 Y600

?

In order to cover the mountain with an additional 15 cubits, the other source of water was kept active for some time after M4D28

P10

220

Gen 7:20

P20 ?

HWM
15 cubits of water over the mountain M?D?
The fountains of the deep are all stopped

108 P7

150

Water prevailed

P21 ?

Ark rest
M7 D17 Y600

72 P8

Top of mountain is visible again
M10 D1 Y600

Mk #3

P17	= P10 – P3 = 70
P18	= P17 – P1 = 30
Mk#11	= Mk#1 + P17
	= **M4D28**

It is now obvious that a major problem has arisen with my sequence of events. How could the level of water have reached the top of the mountain as late as M4D28 if the rain had stopped falling a full month before on M3D27? Does the Bible contradict itself? Of course not.

It is more likely that we have mistakenly assumed something that we should not have.

There were two sources of water to feed the flood. The rain and the springs of the great deep.

- Gen 7:11 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 heavens were opened. NIV

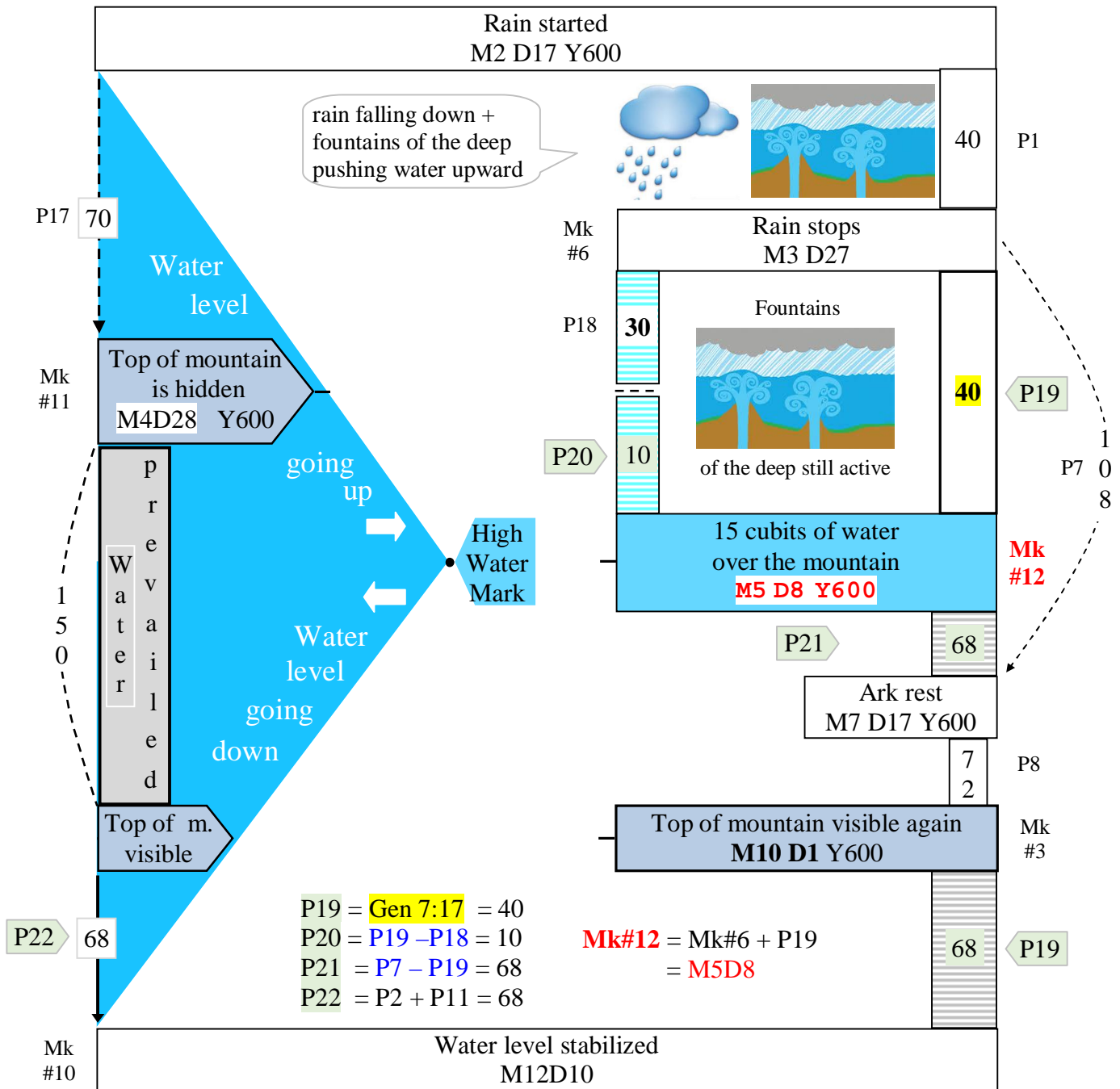We are told twice that the rain fell for 40 days.
- Gen 7:4 I will send rain on the earth for forty days and forty nights, and I will wipe from the face of the earth every living creature I have made." NIV

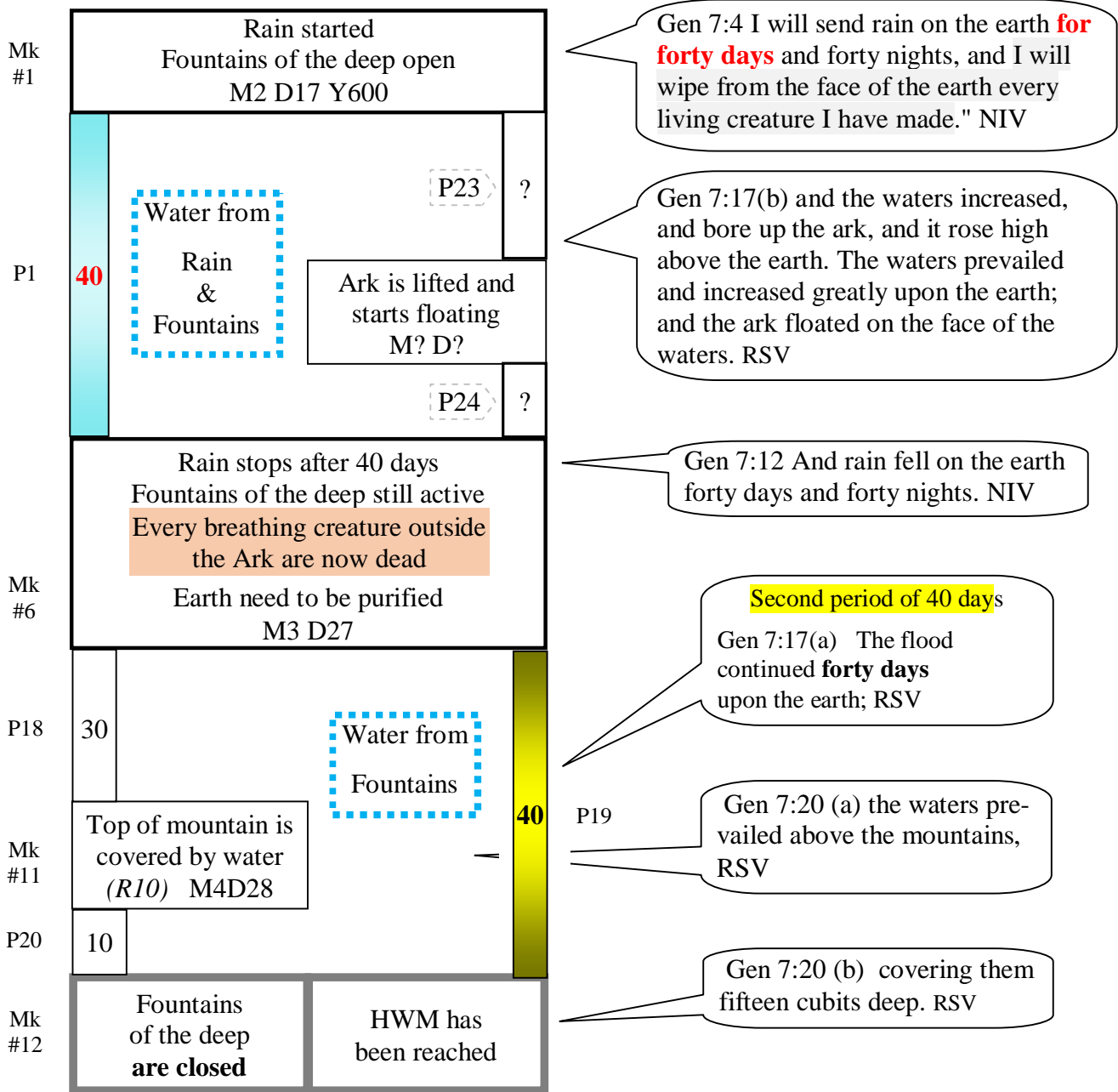- Gen 7:12 and rain fell on the earth forty days and forty nights. NIV

but we are never told how long the fountain of the great deep stayed open. It is my belief that the water of the great deep kept coming for another 40 days after the rain stopped.

- Gen 7:17 For forty days the flood kept coming on the earth, and as the waters increased they lifted the ark high above the earth. NIV

Note : To my knowledge I am the only one who have ever suggested that the flood water increase for two successive period of 40 days. The first period of 40 days (combined water of the rain and fountains of the deep) was used to kill all breathing being and make the Ark float. The second period of 40 days (water coming from the fountains of the deep only) was used to bring the water to its highest level (HWM).

- Gen 7:20 Fifteen cubits upward did the waters prevail; and the mountains were covered. KJV

$$P19 = \text{Gen 7:17} = 40$$
$$P20 = P19 - P18 = 10$$
$$P21 = P7 - P19 = 68$$
$$P22 = P2 + P11 = 68$$

$$Mk\#12 = Mk\#6 + P19 = M5D8$$

11

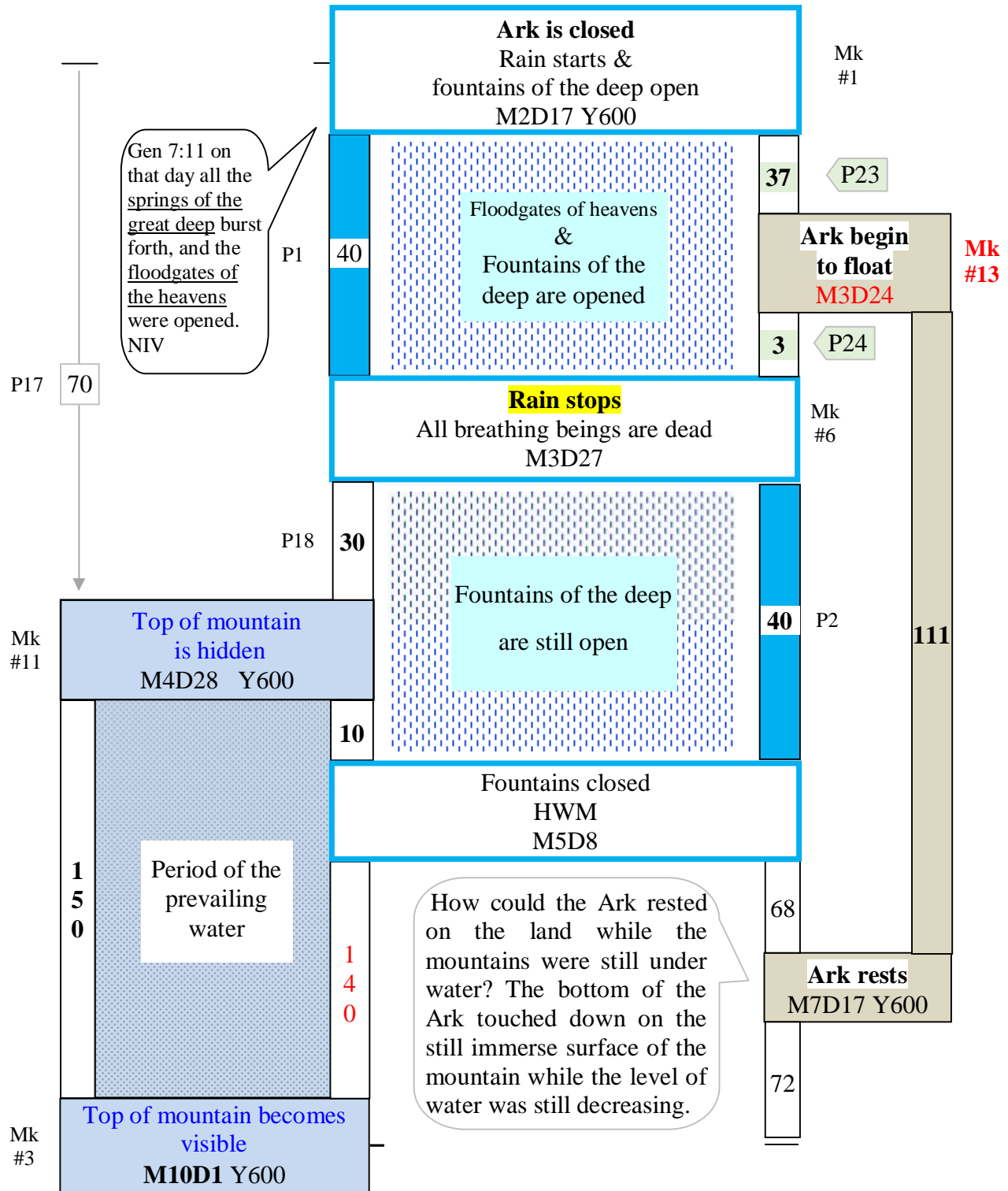|		
Mk #1	Rain started Fountains of the deep open M2 D17 Y600	Gen 7:4 I will send rain on the earth **for forty days** and forty nights, and I will wipe from the face of the earth every living creature I have made." NIV
P1	**40** — Water from Rain & Fountains / P23 ? Ark is lifted and starts floating M? D? / P24 ?	Gen 7:17(b) and the waters increased, and bore up the ark, and it rose high above the earth. The waters prevailed and increased greatly upon the earth; and the ark floated on the face of the waters. RSV
Mk #6	Rain stops after 40 days Fountains of the deep still active Every breathing creature outside the Ark are now dead Earth need to be purified M3 D27	Gen 7:12 And rain fell on the earth forty days and forty nights. NIV
P18	30 — Water from Fountains	Second period of 40 days Gen 7:17(a) The flood continued **forty days** upon the earth; RSV
Mk #11	Top of mountain is covered by water *(R10)* M4D28	**40** P19 — Gen 7:20 (a) the waters prevailed above the mountains, RSV
P20	10	
Mk #12	Fountains of the deep **are closed**	HWM has been reached — Gen 7:20 (b) covering them fifteen cubits deep. RSV

Why a second 40-day period of water? Why were the 'fountains of the deep' the only source of water active at that point?

During the life of Noah, God acknowledged that the world had become incredibly corrupted and perverted (Gen 6:5). The purpose of the flood was to eliminate all trace of that corruption. We can reasonably say that by the end of the 40-day period of rain, all breathing things were dead. It is only at this point that the earth could have been purified. Similar to what would be done in the Jerusalem's Temple[1] centuries later, only fresh water from the fountains of the deep could be used, this is why the rain was stopped but the fountains were kept active for another 40 days..
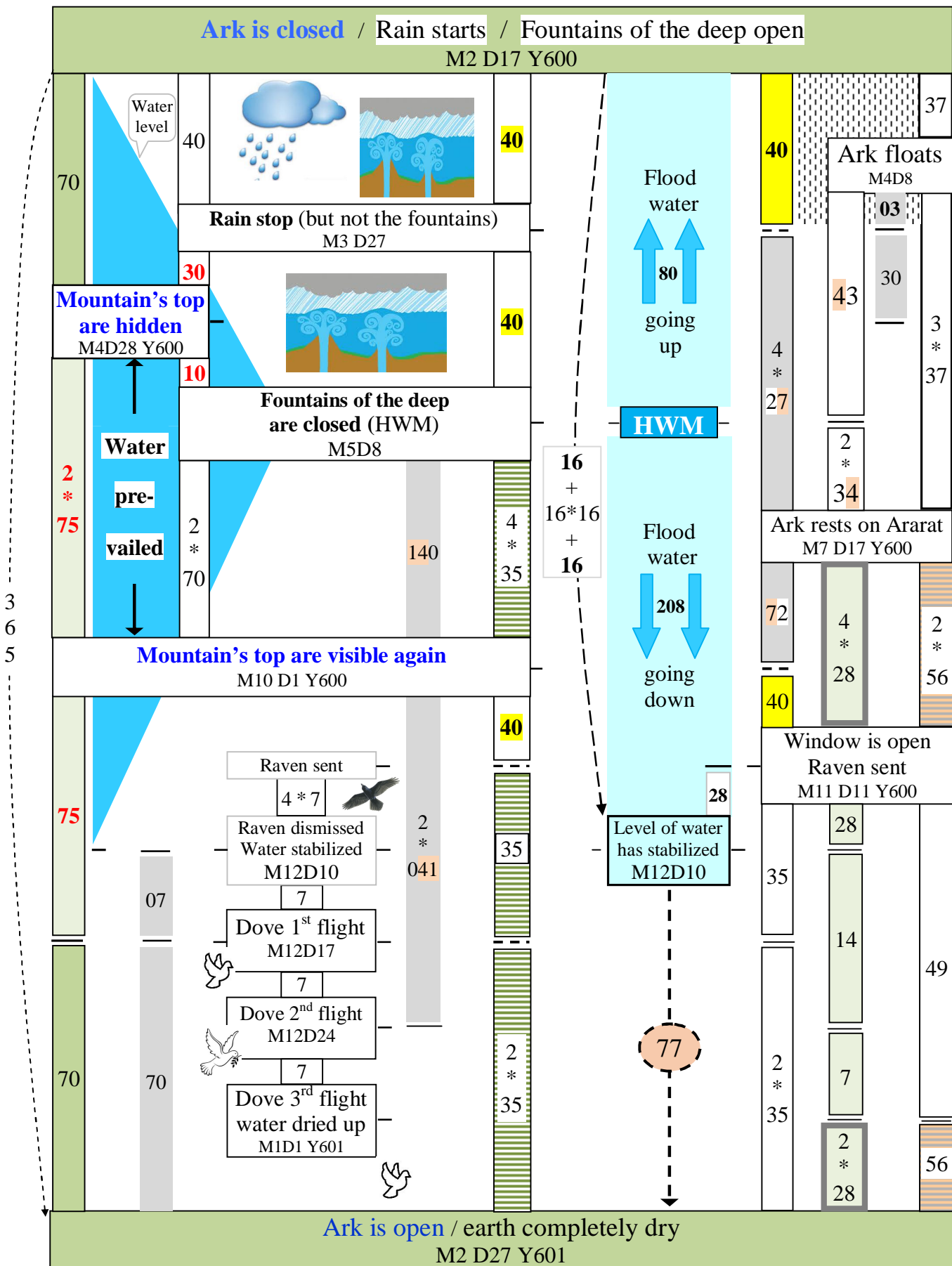
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[1] While water from cisterns (filled with rain water) could be used for drinking .., the most holy of purification ceremonies, such as those involving the Red Heifer, ect., required a higher level of purity. In those cases spring water had to be used. (Ernest Martin 'The Temples that Jerusalem Forgot' p.309)

Ark is closed
Rain starts &
fountains of the deep open
M2D17 Y600

Mk #1

Gen 7:11 on that day all the springs of the great deep burst forth, and the floodgates of the heavens were opened. NIV

P1 | 40

Floodgates of heavens
&
Fountains of the deep are opened

37 P23

Ark begin to float
M3D24

Mk #13

3 P24

P17 | 70

Rain stops
All breathing beings are dead
M3D27

Mk #6

P18 | 30

Fountains of the deep are still open

40 P2

111

Mk #11

Top of mountain is hidden
M4D28 Y600

10

Fountains closed
HWM
M5D8

1
5
0

Period of the prevailing water

1
4
0

How could the Ark rested on the land while the mountains were still under water? The bottom of the Ark touched down on the still immerse surface of the mountain while the level of water was still decreasing.

68

Ark rests
M7D17 Y600

72

Mk #3

Top of mountain becomes visible
M10D1 Y600

P23 = 37 This is the **unique** speculative value
used in this chronology.
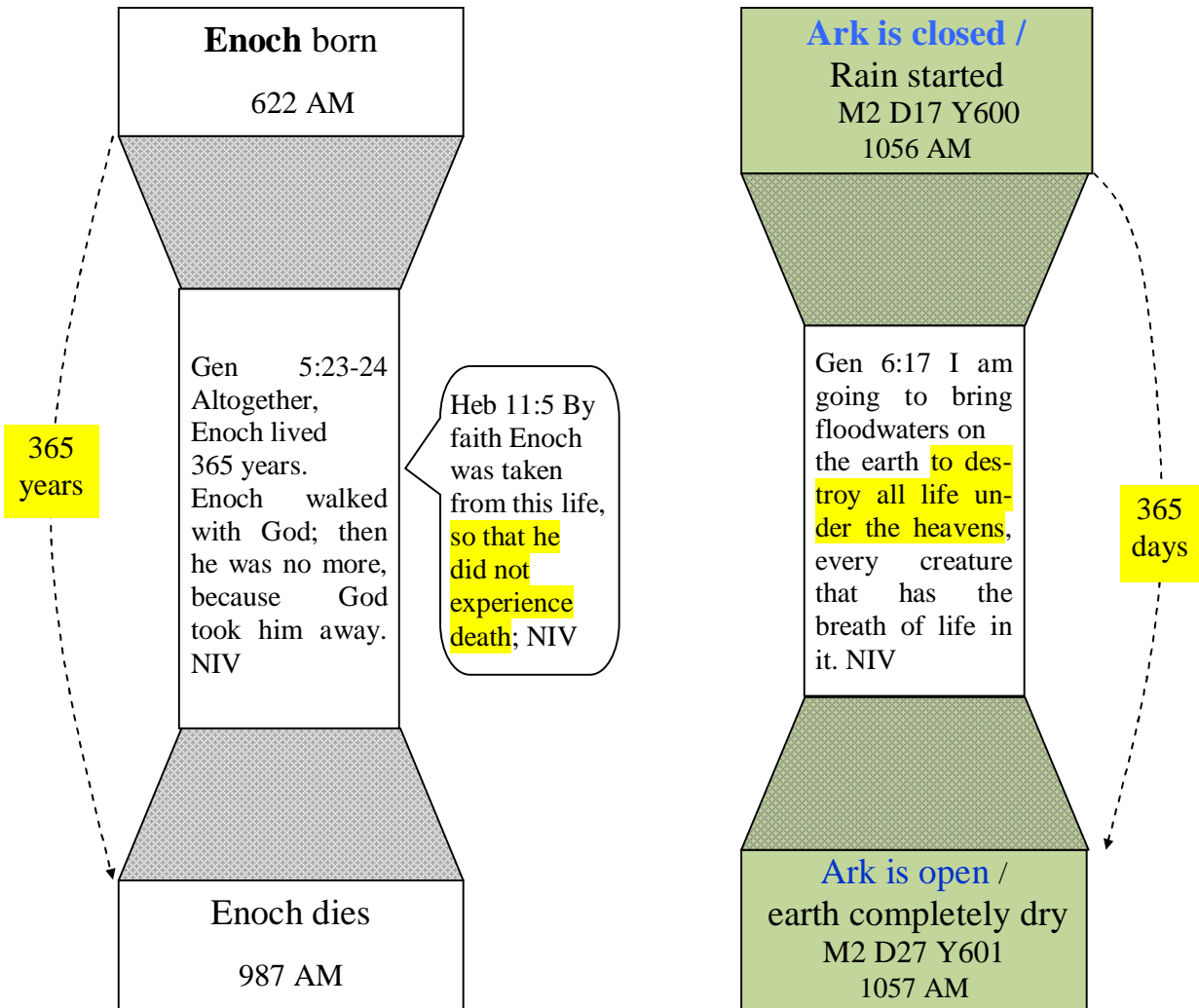Justified by patterns to be seen later on

P24 = P1 – P23 = 3
Mk13 = Mk#6 – 3 = M3D24

13

Ark is closed / Rain starts / Fountains of the deep open
M2 D17 Y600

Water level
40

Rain stop (but not the fountains)
M3 D27

40

70

30

Mountain's top are hidden
M4D28 Y600

40

10

Fountains of the deep are closed (HWM)
M5D8

Water pre-vailed

2
*
70

2
*
75

140

4
*
35

Flood water

80

going up

HWM

16
+
16*16
+
16

Flood water

208

going down

37

Ark floats
M4D8

03

43

30

3
*
37

2
*
34

40

Mountain's top are visible again
M10 D1 Y600

40

Raven sent

4 * 7

Raven dismissed
Water stabilized
M12D10

7

Dove 1st flight
M12D17

7

Dove 2nd flight
M12D24

7

Dove 3rd flight
water dried up
M1D1 Y601

75

07

70

70

2
*
041

35

4
*
35

2
*
35

28

Level of water has stabilized
M12D10

77

Ark rests on Ararat
M7 D17 Y600

72

4
*
28

2
*
56

40

**Window is open
Raven sent**
M11 D11 Y600

28

14

7

2
*
28

35

2
*
35

49

56

3
6
5

Ark is open / earth completely dry
M2 D27 Y601

14

Enoch and Noah shared a similar experience.

After 365 years, Enoch was removed
and did not have to experience death.

- Gen 5:24 **Enoch walked with God**; then he was
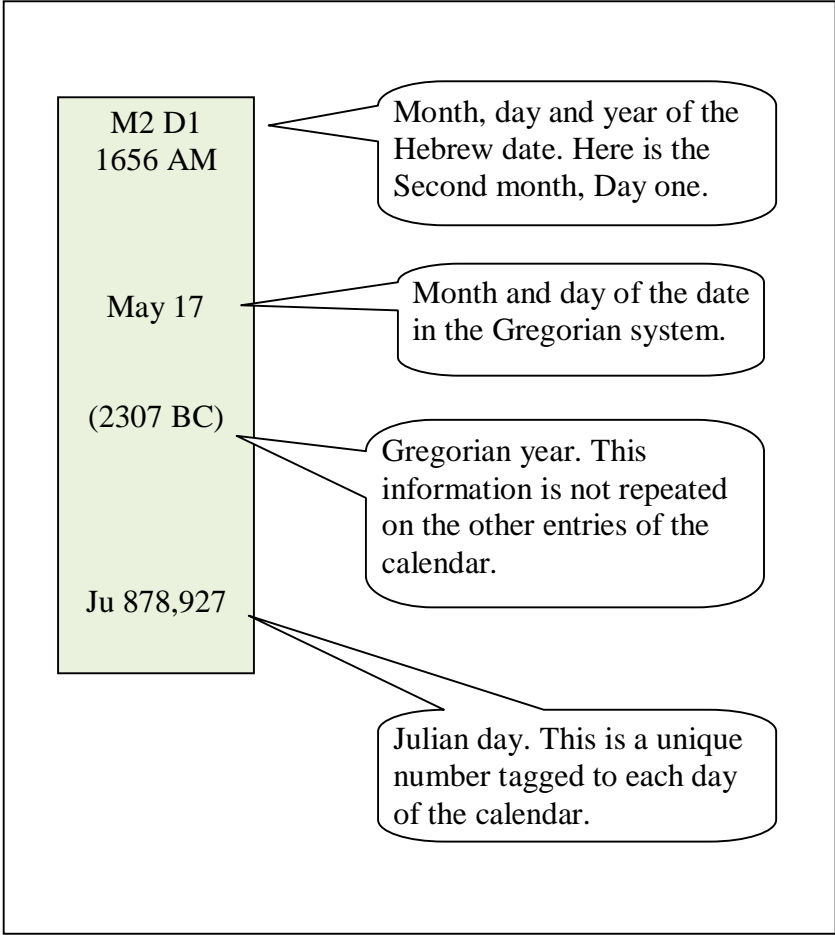 no more, because God took him away. NIV

Enoch born

622 AM

Gen 5:23-24 Altogether, Enoch lived 365 years. Enoch walked with God; then he was no more, because God took him away. NIV

Heb 11:5 By faith Enoch was taken from this life, so that he did not experience death; NIV

365 years

Enoch dies

987 AM

Ark is closed /
Rain started
M2 D17 Y600
1056 AM

Gen 6:17 I am going to bring floodwaters on the earth to destroy all life under the heavens, every creature that has the breath of life in it. NIV

365 days

Ark is open /
earth completely dry
M2 D27 Y601
1057 AM

During 365 days Noah was removed
and did not have to experience death.

o Gen 6:9 **Noah** was a righteous man,
  blameless among the people of his
  time, and **he walked with God**. NIV

The calendar on the next page is a tool to help those readers who would like to validate any date or value mentioned previously.

The range of this calendar is from the first day of the second month of year 1656 AM (year of the flood) to the 29th day of the second month of year 1657 AM. The label AM associated with the year means Anno Mundi; in this system's notation Adam was created in year 0 AM while the flood came in 1656 AM.

In each case of the calendar the following information will be found:

M2 D1
1656 AM

Month, day and year of the Hebrew date. Here is the Second month, Day one.

May 17

Month and day of the date in the Gregorian system.

(2307 BC)

Gregorian year. This information is not repeated on the other entries of the calendar.

Ju 878,927

Julian day. This is a unique number tagged to each day of the calendar.

NOTE 1: In this calendar, the first day of each Hebrew month (D1) coincides with the timing of the new moon. The information was obtained from the Planetarium Software (Redshift).

Note 2: It is not the intent of the author to suggest that the calendar should start on any specific day of the week. This information is not known and if it was, it would not have any impact on the length of time between any events featured in this study.

Here is how the calendar can be used:

Example 1

Suppose you want to know how many days there are between
M2D17 (when the Ark was closed) and
M7D17 (when the Ark came to rest on Mount Ararat)

You need to spot the following two entries of the calendar

M2D17
2
Ju 878,943

M7D17
28
Ju 879,091

The number of days between the two dates is given by subtracting the two Julian days' values
$$Ju\ 879,091 - Ju\ 878,943 = 148\ days$$

Example 2

Suppose you want to find out the date when Noah opened the window of the Ark.

The Bible tells us it was 40 days after the top of the mountain became visible on the first day of the 10th month.

First step: Find the calendar entry for M10D1

M10D1
8
Ju 879,163

Second step: Add 40 to the Julian day Ju 879,163 = Ju 879,203

Third step: Find the calendar entry for Ju 879,203

M11D11
17
Ju 879,203

Answer: Noah opened the window of the Ark on the 11th day of the 11th month in the year 1656 AM.

The flood calendar

From 1656 AM to 1657 AM (from 2307 BC to 2306 BC)

				Apr 9 EQ	Apr 10	Apr 11
Apr 12	Apr 13	Apr 14	Apr 15	Apr 16	Apr 17	M1D1 April 18 Ju 878,898
M1D2 19 Ju 878,899	M1D3 20 Ju 878,900	M1D4 21 Ju 878,901	M1D5 22 Ju 878,902	M1D6 23 Ju 878,903	M1D7 24 Ju 878,904	M1D8 25 Ju 878,905
M1D9 26 Ju 878,906	M1D10 27 Ju 878,907	M1D11 28 Ju 878,908	M1D12 29 Ju 878,909	M1D13 30 Ju 878,910	M1D14 May 1 Ju 878,911	M1D15 2 Ju 878,912
M1D16 3 Ju 878,913	M1D17 4 Ju 878,914	M1D18 5 Ju 878,915	M1D19 6 Ju 878,916	M1D20 7 Ju 878,917	M1D21 8 Ju 878,918	M1D22 9 Ju 878,919
M1D23 10 Ju 878,920	M1D24 11 Ju 878,921	M1D25 12 Ju 878,922	M1D26 13 Ju 878,923	M1D27 14 Ju 878,924	M1D28 15 Ju 878,925	M1D29 16 Ju 878,926
M2 D1 1656 AM **May** 17 (2307 BC) Ju 878,927	M2 D2 18 Ju 878,928	M2 D3 19 Ju 878,929	M2 D4 20 Ju 878,930	M2 D5 21 Ju 878,931	M2 D6 22 Ju 878,932	M2 D7 23 Ju 878,933
M2 D8 24 Ju 878,934	M2 D9 25 Ju 878,935	M2 D10 26 Ju 878,936	M2 D11 27 Ju 878,937	M2 D12 28 Ju 878,938	M2 D13 29 Ju 878,939	M2 D14 30 Ju 878,940
M2 D15 31 Ju 878,941	M2 D16 **June** 1 Ju 878,942	M2 D17 2 Ju 878,943	M2 D18 3 Ju 878,944	M2 D19 4 Ju 878,945	M2 D20 5 Ju 878,946	M2 D21 6 Ju 878,947

M2 D22 7 Ju 878,948	M2 D23 8 Ju 878,949	M2 D24 9 Ju 878,950	M2 D25 10 Ju 878,951	M2 D26 11 Ju 878,952	M2 D27 12 Ju 878,953	M2 D28 13 Ju 878,954
M2 D29 14 Ju 878,955	M2 D30 15 Ju 878,956	**M3 D1** 16 Ju 878,957	M3 D2 17 Ju 878,958	M3 D3 18 Ju 878,959	M3 F4 19 Ju 878,960	M3 D5 20 Ju 878,961
M3 D6 21 Ju 878,962	M3 D7 22 Ju 878,963	M3 D8 23 Ju 878,964	M3 D9 24 Ju 878,965	M3 D10 25 Ju 878,966	M3 D11 26 Ju 878,967	M3 D12 27 Ju 878,968
M3 D13 28 Ju 878,969	M3 D14 29 Ju 878,970	M3 D15 30 Ju 878,971	M3 D16 **July** 1 Ju 878,972	M3 D17 2 Ju 878,973	M3 D18 3 Ju 878,974	M3 D19 4 Ju 878,975
M3 D20 5 Ju 878,976	M3 D21 6 Ju 878,977	M3 D22 7 Ju 878,978	M3 D23 8 Ju 878,979	M3 D24 9 Ju 878,980	M3 D25 10 Ju 878,981	M3 D26 11 Ju 878,982
M3 D27 12 Ju 878,983	M3 D28 13 Ju 878,984	M3 D29 14 Ju 878,985	**M4 D1** 15 Ju 878,986	M4 D2 16 Ju 878,987	M4 D3 17 Ju 878,988	M4 D4 18 Ju 878,989
M4 D5 19 Ju 878,990	M4 D6 20 Ju 878,991	M4 D7 21 Ju 878,992	M4 D8 22 Ju 878,993	M4 D9 23 Ju 878,994	M4 D10 24 Ju 878,995	M4 D11 25 Ju 878,996
M4 D12 26 Ju 878,997	M4 D13 27 Ju 878,998	M4 D14 28 Ju 878,999	M4 D15 29 Ju 879,000	M4 D16 30 Ju 879,001	M4 D17 31 Ju 879,002	M4 D18 **August** 1 Ju 879,003
M4 D19 2 Ju 879,004	M4 D20 3 Ju 879,005	M4 D21 4 Ju 879,006	M4 D22 5 Ju 879,007	M4 D23 6 Ju 879,008	M4 D24 7 Ju 879,009	M4 D25 8 Ju 879,010
M4 D26 9 Ju 879,011	M4 D27 10 Ju 879,012	M4 D28 11 Ju 879,013	M4 D29 12 Ju 879,014	M4 D30 13 Ju 879,015	**M5 D1** 14 Ju 879,016	M5 D2 15 Ju 879,017
M5 D3 16 Ju 879,018	M5 D4 17 Ju 879,019	M5 D5 18 Ju 879,020	M5 D6 19 Ju 879,021	M5 D7 20 Ju 879,022	M5 D8 21 Ju 879,023	M5 D9 22 Ju 879,024
M5 D10 23 Ju 879,025	M5 D11 24 Ju 879,026	M5 D12 25 Ju 879,027	M5 D13 26 Ju 879,028	M5 D14 27 Ju 879,029	M5 D15 28 Ju 879,030	M5 D16 29 Ju 879,031
M5 D17 30 Ju 879,032	M5 D18 31 Ju 879,033	M5 D19 **Sept.** 1 Ju 879,034	M5 D20 2 Ju 879,035	M5 D21 3 Ju 879,036	M5 D22 4 Ju 879,037	M5 D23 5 Ju 879,038

M5 D24 6 Ju 879,039	M5 D25 7 Ju 879,040	M5 D26 8 Ju 879,041	M5 D27 9 Ju 879,042	M5 D28 10 Ju 879,043	M5 D29 11 Ju 879,044	**M6 D1** 12 Ju 879,045
M6 D2 13 Ju 879,046	M6 D3 14 Ju 879,047	M6 D4 15 Ju 879,048	M6 D5 16 Ju 879,049	M6 D6 17 Ju 879,050	M6 D7 18 Ju 879,051	M6 D8 19 Ju 879,052
M6 D9 20 Ju 879,053	M6 D10 21 Ju 879,054	M6 D11 22 Ju 879,055	M6 D12 23 Ju 879,056	M6 D13 24 Ju 879,057	M6 D14 25 Ju 879,058	M6 D15 26 Ju 879,059
M6 D16 27 Ju 879,060	M6 D17 28 Ju 879,061	M6 D18 29 Ju 879,062	M6 D19 30 Ju 879,063	M6 D20 Oct. 1 Ju 879,064	M6 D21 2 Ju 879,065	M6 D22 3 Ju 879,066
M6 D23 4 Ju 879,067	M6 D24 5 Ju 879,068	M6 D25 6 Ju 879,069	M6 D26 7 Ju 879,070	M6 D27 8 Ju 879,071	M6 D28 9 Ju 879,072	M6 D29 10 Ju 879,073
M6 D30 11 Ju 879,074	**M7 D1** 12 Ju 879,075	M7 D2 13 Ju 879,076	M7 D3 14 Ju 879,077	M7 D4 15 Ju 879,078	M7 D5 16 Ju 879,079	M7 D6 17 Ju 879,080
M7 D7 18 Ju 879,081	M7 D8 19 Ju 879,082	M7 D9 20 Ju 879,083	M7 D10 21 Ju 879,084	M7 D11 22 Ju 879,085	M7 D12 23 Ju 879,086	M7 D13 24 Ju 879,087
M7 D14 25 Ju 879,088	M7 D15 26 Ju 879,089	M7 D16 27 Ju 879,090	M7 D17 28 Ju 879,091	M7 D18 29 Ju 879,092	M7 D19 30 Ju 879,093	M7 D20 31 Ju 879,094
M7 D21 Nov. 1 Ju 879,095	M7 D22 2 Ju 879,096	M7 D23 3 Ju 879,097	M7 D24 4 Ju 879,098	M7 D25 5 Ju 879,099	M7 D26 6 Ju 879,100	M7 D27 7 Ju 879,101
M7 D28 8 Ju 879,102	M7 D29 9 Ju 879,103	**M8 D1** 10 Ju 879,104	M8 D2 11 Ju 879,105	M8 D3 12 Ju 879,106	M8 D4 13 Ju 879,107	M8 D5 14 Ju 879,108
M8 D6 15 Ju 879,109	M8 D7 16 Ju 879,110	M8 D8 17 Ju 879,111	M8 D9 18 Ju 879,112	M8 D10 19 Ju 879,113	M8 D11 20 Ju 879,114	M8 D12 21 Ju 879,115
M8 D13 22 Ju 879,116	M8 D14 23 Ju 879,117	M8 D15 24 Ju 879,118	M8 D16 25 Ju 879,119	M8 D17 26 Ju 879,120	M8 D18 27 Ju 879,121	M8 D19 28 Ju 879,122
M8 D20 29 Ju 879,123	M8 D21 30 Ju 879,124	M8 D22 Dec. 1 Ju 879,125	M8 D23 2 Ju 879,126	M8 D24 3 Ju 879,127	M8 D25 4 Ju 879,128	M8 D26 5 Ju 879,129

M8 D27 6 Ju 879,130	M8 D28 7 Ju 879,131	M8 D29 8 Ju 879,132	M8 D30 9 Ju 879,133	M9 D1 10 Ju 879,134	M9 D2 11 Ju 879,135	M9 D3 12 Ju 879,136
M9 D4 13 Ju 879,137	M9 D5 14 Ju 879,138	M9 D6 15 Ju 879,139	M9 D7 16 Ju 879,140	M9 D8 17 Ju 879,141	M9 D9 18 Ju 879,142	M9 D10 19 Ju 879,143
M9 D11 20 Ju 879,144	M9 D12 21 Ju 879,145	M9 D13 22 Ju 879,146	M9 D14 23 Ju 879,147	M9 D15 24 Ju 879,148	M9 D16 25 Ju 879,149	M9 D17 26 Ju 879,150
M9 D18 27 Ju 879,151	M9 D19 28 Ju 879,152	M9 D20 29 Ju 879,153	M9 D21 30 Ju 879,154	M9 D22 31 Ju 879,155	M9 D23 **Jan.** 1 2306 BC Ju 879,156	M9 D24 2 Ju 879,157
M9 D25 3 Ju 879,158	M9 D26 4 Ju 879,159	M9 D27 5 Ju 879,160	M9 D28 6 Ju 879,161	M9 D29 7 Ju 879,162	M10 D1 8 Ju 879,163	M10 D2 9 Ju 879,164
M10 D3 10 Ju 879,165	M10 D4 11 Ju 879,166	M10 D5 12 Ju 879,167	M10 D6 13 Ju 879,168	M10 D7 14 Ju 879,169	M10 D8 15 Ju 879,170	M10 D9 16 Ju 879,171
M10 D10 17 Ju 879,172	M10 D11 18 Ju 879,173	M10 D12 19 Ju 879,174	M10 D13 20 Ju 879,175	M10 D14 21 Ju 879,176	M10 D15 22 Ju 879,177	M10 D16 23 Ju 879,178
M10 D17 24 Ju 879,179	M10 D18 25 Ju 879,180	M10 D19 26 Ju 879,181	M10 D20 27 Ju 879,182	M10 D21 28 Ju 879,183	M10 D22 29 Ju 879,184	M10 D23 30 Ju 879,185
M10 D24 31 Ju 879,186	M10 D25 **Feb.** 1 Ju 879,187	M10 D26 2 Ju 879,188	M10 D27 3 Ju 879,189	M10 D28 4 Ju 879,190	M10 D29 5 Ju 879,191	M10 D30 6 Ju 879,192
M11 D1 7 Ju 879,193	M11 D2 8 Ju 879,194	M11 D3 9 Ju 879,195	M11 D4 10 Ju 879,196	M11 D5 11 Ju 879,197	M11 D6 12 Ju 879,198	M11 D7 13 Ju 879,199
M11 D8 14 Ju 879,200	M11 D9 15 Ju 879,201	M11 D10 16 Ju 879,202	M11 D11 17 Ju 879,203	M11 D12 18 Ju 879,204	M11 D13 19 Ju 879,205	M11 D14 20 Ju 879,206
M11 D15 21 Ju 879,207	M11 D16 22 Ju 879,208	M11 D17 23 Ju 879,209	M11 D18 24 Ju 879,210	M11 D19 25 Ju 879,211	M11 D20 26 Ju 879,212	M11 D21 27 Ju 879,213

M11 D22 28 Ju 879,214	M11 D23 **March** 1 Ju 879,215	M11 D24 2 Ju 879,216	M11 D25 3 Ju 879,217	M11 D26 4 Ju 879,218	M11 D27 5 Ju 879,219	M11 D28 6 Ju 879,220
M11 D29 7 Ju 879,221	M12 D1 8 Ju 879,222	M12 D2 9 Ju 879,223	M12 D3 10 Ju 879,224	M12 D4 11 Ju 879,225	M12 D5 12 Ju 879,226	M12 D6 13 Ju 879,227
M12 D7 14 Ju 879,228	M12 D8 15 Ju 879,229	M12 D9 16 Ju 879,230	M12 D10 17 Ju 879,231	M12 D11 18 Ju 879,232	M12 D12 19 Ju 879,233	M12 D13 20 Ju 879,234
M12 D14 21 Ju 879,235	M12 D15 22 Ju 879,236	M12 D16 23 Ju 879,237	M12 D17 24 Ju 879,238	M12 D18 25 Ju 879,239	M12 D19 26 Ju 879,240	M12 D20 27 Ju 879,241
M12 D21 28 Ju 879,242	M12 D22 29 Ju 879,243	M12 D23 30 Ju 879,244	M12 D24 31 Ju 879,245	M12 D25 **April** 1 Ju 879,246	M12 D26 2 Ju 879,247	M12 D27 3 Ju 879,248
M12 D28 4 Ju 879,249	M12 D29 5 Ju 879,250	M12 D30 6 Ju 879,251	M1 D1 Y1657 AM 7 Ju 879,252	M1 D2 8 Ju 879,253	M1 D3 9 EQ Ju 879,254	M1 D4 10 Ju 879,255
M1 D5 11 Ju 879,256	M1 D6 12 Ju 879,257	M1 D7 13 Ju 879,258	M1 D8 14 Ju 879,259	M1 D9 15 Ju 879,260	M1 D10 16 Ju 879,261	M1 D11 17 Ju 879,262
M1 D12 18 Ju 879,263	M1 D13 19 Ju 879,264	M1 D14 20 Ju 879,265	M1 D15 21 Ju 879,266	M1 D16 22 Ju 879,267	M1 D17 23 Ju 879,268	M1 D18 24 Ju 879,269
M1 D19 25 Ju 879,270	M1 D20 26 Ju 879,271	M1 D21 27 Ju 879,272	M1 D22 28 Ju 879,273	M1 D23 29 Ju 879,274	M1 D24 30 Ju 879,275	M1 D25 **May** 1 Ju 879,276
M1 D26 2 Ju 879,277	M1 D27 3 Ju 879,278	M1 D28 4 Ju 879,279	M1 D29 5 Ju 879,280	M1 D30 6 Ju 879,281	M2 D1 7 Ju 879,282	M2 D2 8 Ju 879,283
M2 D3 9 Ju 879,284	M2 D4 10 Ju 879,285	M2 D5 11 Ju 879,286	M2 D6 12 Ju 879,287	M2 D7 13 Ju 879,288	M2 D8 14 Ju 879,289	M2 D9 15 Ju 879,290
M2 D10 16 Ju 879,291	M2 D11 17 Ju 879,292	M2 D12 18 Ju 879,293	M2 D13 19 Ju 879,294	M2 D14 20 Ju 879,295	M2 D15 21 Ju 879,296	M2 D16 22 Ju 879,297

M2 D17 23 Ju 879,298	M2 D18 24 Ju 879,299	M2 D19 25 Ju 879,300	M2 D20 26 Ju 879,301	M2 D21 27 Ju 879,302	M2 D22 28 Ju 879,303	M2 D23 29 Ju 879,304
M2 D24 30 Ju 879,305	M2 D25 31 Ju 879,306	M2 D26 **June** 1 Ju 879,307	M2 D27 2 Ju 879,308	M2 D28 3 Ju 879,309	M2 D29 4 Ju 879,310	M3 D1 5 Ju 879,311

This paper is followed by "The Flight of Noah's Raven".

Yves Peloquin