

2476	1664	5	47
2475	1665	6	48
2474	1666	7	49
2473	1667	1	1/50
2472	1668	2	2
2471	1669	3	3
2470	1670	4	4
2469	1671	5	5
2468	1672	6	6
2467	1673	7	7
2466	1674	1	8
2465	1675	2	9
2464	1676	3	10
2463	1677	4	11
2462	1678	5	12
2461	1679	6	13
2460	1680	7	14
2459	1681	1	15
2458	1682	2	16
2457	1683	3	17
2456	1684	4	18
2455	1685	5	19
2454	1686	6	20
2453	1687	7	21
2452	1688	1	22
2451	1689	2	23
2450	1690	3	24
2449	1691	4	25
2448	1692	5	26
2447	1693	6	27
2446	1694	7	28
2445	1695	1	29
2444	1696	2	30
2443	1697	3	31
2442	1698	4	32
2441	1699	5	33
2440	1700	6	34
2439	1701	7	35
2438	1702	1	36
2437	1703	2	37
2436	1704	3	38
2435	1705	4	39
2434	1706	5	40
2433	1707	6	41
2432	1708	7	42
2431	1709	1	43
2430	1710	2	44
2429	1711	3	45
2428	1712	4	46

Farming Culture

Population @ +7.5% per annum

A Limited Quantity of Pre-Flood iron implements used in the first farms.

About this time, Canaan, the younger of the two sons implicated is cursed. Canaan will take a wife and strike off on his own avoiding Babel.

--- First post flood marriages.

--- 8% per annum is about the maximum population growth that can be sustained after stochastic events of the first few years. *Research paper by Creation Ministries International. (modulated to 7.5%).*

The LXX adds at least 400 years for the Flood to Babel interval. If Noah's descendants multiplied at the rate shown in the Table of nations (almost 5 sons for each progenitor listed there.) and what must be a corresponding number of daughters, and assuming they all started families after 30 years of age, then the resulting population after 400 years is too large, even given the generous allowance that no family was started before age 30, and that the average family was only 10 children (in spite of long lives). Even under the most favorable of estimates of lower percentages of the world population at Babel, about 60%, each language would have from 5,000 to 10,000 of people. A less percentage would not explain the proportion of Original Semitic left over after Babel among people who did not go to Babel or left before the confusion. For soon the world language would be restored to the Original if too many people were left speaking the original (Canaanites, Iberites, Ashurites, and scattered villages).

This number of people would definitely have lost tribal or family cohesion after about 600 people due to intermarriage and social conflicts between patriarchs and offspring. In short, each head of a nation would no longer speak for the nation, but the nation would have socially melted into the whole population at Babel. We would expect tribes larger than a certain critical number for patriarchal social governance to break up into factions, resulting in the same language group going to multiple places. But nothing of the sort is seen. Language groups appear to migrate to their homelands with anywhere from 40 to 1000 people at most, and more probably 300 to 600 on average, with a few outliers like the Sumerians who were cursed with a language isolate and who because of their larger numbers stayed in Sumer.

So large a mass of groups could not be expected to leave Babel in any orderly fashion, because after 400 years they would have forgotten their hunting and gathering skills, and would then be fighting over stored goods for their journey's. In short, moving an agrarian social structure is a logistical nightmare. For this reason the smaller nation sizes enforced by the Hebrew text make more sense, 300 to 600 in a group to migrate, who still have their hunting skills, and who can still reach ample populations of game at a distance of 40 or 50 miles from Babel. The population of Babel was not more than between about 10,000 and 30,000 people.

The technical expertise required to build the Tas Tepeler sites far exceeds the archaeological paradigm for "stone age" man. Göbekli Tepe and related sites blow away the usual narrative. Only 5% of the site is excavated, and now they fear excavating any more. The site is being used as a tourist attraction, and is no longer being excavated to make new discoveries.

Göbekli Tepe Facts: (1) a vast amount of animal bones, much of them from unclean species, shows that someone took feasting on every kind of animal very seriously. (2) remote from settlements, (3) built on high places (4) clearly the animals were killed by hunting (5) The animal artwork is clearly intended to convey a message, with abundant phallic symbolism.

Nimrod's Hunting Club



Stone Circles made of stones up to 60 tons with cryptic animal art of more than 100 species of animal. One could accuse these people of reinterpreting Genesis 9, and deliberately corrupting the story of Noah and the Ark. Many of the species depicted are not native to the area now, and they migrated away, some to Australia!

607	106	6	108
608	107	7	109
609	108	8	110
610	109	9	111
611	110	10	112
612	111	11	113
613	112	12	114
614	113	13	115
615	114	14	116
616	115	15	117
617	116	16	118
618	117	17	119
619	118	18	120
620	119	19	121
621	120	20	122
622	121	21	123
623	122	22	124
624	123	23	125
625	124	24	126
626	125	25	127
627	126	26	128
628	127	27	129
629	128	28	130
630	129	29	131
631	130	30	132
632	131	31	133
633	132	32	134
634	133	33	135
635	134	34	136
636	135	35	137
637	136	36	138
638	137	37	139
639	138	38	140
640	139	39	141
641	140	40	142
642	141	41	143
643	142	42	144
644	143	43	145
645	144	44	146
646	145	45	147
647	146	46	148
648	147	47	149
649	148	48	150
650	149	49	151
651	150	50	152
652	151	51	153
653	152	52	154
654	153	53	155

Other sons and daughters

Daughters born

Salah

Other sons and daughters continue to be born

Founding of Jericho, Tell es-Sultan ~50 people

The earliest layers at Jericho (PPNA) contain stone artifacts, including limestone bowls, within sediments alongside oval mudbrick houses with plastered floors. The culture relied on early farming, supplemented by hunting and gathering

Radiocarbon dates of Tas Tepeler sites are around 6800 years too high, about the same amount that the oldest matchable Bristlecone Pine dead wood is dated too old. The best model is that a large amount of regular carbon (c14 dead carbon) was being released into the atmosphere after the flood, enough to reduce the c14 level to ~43% of its standard level. Stochastic effects make it difficult to make a standard correction equation for this.

I have pushed population growth to near its scientific maximum in this model. The rate is 8% per year. In theory a new pregnancy can happen after 266 + 40 days, which is less than a year, but I have not pushed the birth rate above 1 per year in this model. I have done so to show the possibilities. The actual rate may be somewhat less. Modern rates as high as 5% are sustainable. Over a short term rates of 10% are still possible, but not sustainable because of man's degenerate state. After the flood man lived in excess of 200 years for many generations, and women remained able to have children much longer. Population growth outcomes are largely due to cultural factors and not biological limits. Conditions were ideal in south Mesopotamia and Egypt. The maximum population growth depends on twins and triplets at times, and also divine intervention, at least at the start.

Canaan migrates to the Levantine coast, taking with his family, what eventually will become the longest lasting preservation of the original language.

The birth ages of the sons of the line of the chosen seed appear to be divine delays in choosing which son will carry the line of the chosen seed, as the consistent 30-35 birth ages appear too improbable (~1/15625). No doubt other sons and daughters were born before and after the chosen one. The age of 30 is the age at which a man is considered to have enough maturity for a priestly duty, to be able to teach and pass on the divine revelation, the story of mankind. Therefore this was the target age. Some linking ages are after 30, in which cases daughters must have been born. This fails when Nahor fathers Terah at age 29. The message here is that Nahor had become an idolater. And Joshua 24:2 implicates both Nahor and Terah.

The LXX birth ages here (and the Cainan II) inflate the chronology depending on which combination of LXX variant figures one selects between the deluge and the Exodus, by 600 years, by 650 years, by 750 years, by 880 years. I have added these variations to the deluge date (2483 BC) to test if 3083, 3133, 3233, or 3363 BC may agree with deluge account weekdays, 150 days duration, or regular weeks after 40 days from X.I. In every case, the dates badly fail the test. This test builds from the 1632 BC Exodus which is sufficiently locked down by other synchronisms. Only 3233 has 1 of 3 criterion. This variant does not include II Cainan.

Arraia

Canaan

PPNA