

## Calculating the Jubilees to entering the promised land

The Jubilee was sounded on the 10th day of the 7 month of the 49th year. This requirement was set out in Lev 25:9

For any jubilee period there are:

48 years of 12 lunations (period between new moons)  
 18 intercalations (extra months added to keep the lunar year in line with the solar seasons)  
 6 lunations for the first half of the 49th year

Thus:

48 x 12	576 lunations
18 intercalations	18 lunations
6 lunations to 7th mnth	6 lunations
	600 lunations

No. of lunations for 50 years	600 lunations
50 x 12	600 lunations

Thus:

By the 7th month of the 49th year there have been 600 lunations which is the same number of lunations in 50 years. For this reason the 50th year is the same year as the 1st year of the next jubilee and is not reckoned in the counting of years. Also all the Sabbaths have been paid for the period. There are no more sabbaths or lunations to be counted as at the 7th month

### Chronology calculation

1st Jubilee			50	2nd Jubilee		
..47	48	49	1	2	3...	

See - <http://www.biblechronology.com/chronoc05.htm>

### THE JUBILEE CHRONOLOGY

The Jubilee chronology below sets out 70 jubilee periods. This is based on Dan 9:24 which referred to 70 weeks being determined on God's people. Those 70 weeks are treated here as 70 weeks of weeks of years, since a Jubilee period is made up of 7 lots of 7 year periods.

Entry into the promised land is calculated as being 1423 BCE and not 1473 BCE. This calculation is arrived at by centring the whole 70 Jubilee chronology as a framework, on Jesus birth at 2 CE. Two assumptions are made - first that Jesus was born in 2CE and second that his birth was at the beginning of the 30th Jubilee period. These assumptions may be strengthened somewhat by the fact that 33CE will therefore fall on a sabbath year. So not only was Jesus death on a great Sabbath with Nisan 15 falling on a Sabbath but it also occurs on a Sabbath year. When these two assumptions are applied 1423CE is the beginning date and 2008CE the end date after the passing of 70 jubilees. Further interesting coordinates also arise as referred to below

The period from 1423 BCE to 2008 CE is 3430 years. When this is divided by 49 years the result is 70, being the number of whole Jubilees counting over this period. The total number of Jubilee years including the 50th year over the same period is 3500 years. The difference between the two totals is 70 years, being 1 year for each Jubilee period, illustrating that the 50th year is not reckoned.

Year entering promised land	1423 BCE	1422	whole years
Year ending 70 whole jubilees passed	2008 CE	2008	whole years
Total of whole years passed since entering promised land		3430	
Number of jubilees in the period = 3430/49		70	
Years per Jubilee		50	
Total of whole years of Jubilees = 70 x 50		3500	
Number of unreckoned years = 3500 - 3430		70	

#### THE 69 WEEKS CHRONOLOGY APPLIED TO THE JUBILEE CHRONOLOGY

The second chronology, the 69 weeks chronology, below is based on Daniel 9:25 which provides a proportional formula of 7 weeks and 62 weeks.

That proportional formula can be applied to the Jubilee chronology. Some interesting dates occur within this Jubilee chronology as a framework. These dates can be referred to as coordinates and they occur at 1080 BCE, 2 BCE and 33 CE.

1080 BCE (and not 1077 BCE) is proffered as the true date at which the Davidic line was put into place. This date explains the "7 weeks" part of the 69 weeks referred to in Dan 9:25, since 1080 BCE occurs after 7 Jubilees. If this method of applying the proportional break from the 69 weeks chronology to this Jubilee chronology is correct, then it should be possible to create a link from David's enthronement in 1080 BCE to 33 CE using the bible's own internal chronology.

A beginning point for this internal chronology is based on the total number of years the kings ruled, being 513 years. Saul the first king ruled 40 years. Thus when David came to power he and the other Kings ruled for the balance of years being 473 years. Counting from 1080 BCE 473 years brings us to 607 BCE, being the end of the last King Zedekiah. (For a list of the kings and years ruled see "Studies in the Scriptures - series 2 - The Time is at Hand" - International Bible Students Association Brooklyn New York, 1920, p 50.

Thereafter 10 lots of sabbaths had to be paid. (2 Chron 36:21) Looking at the Jubilee chronology you can see the first sabbath after 607 BCE begins in 605 BCE. The end of the tenth sabbath or 70 years brings us to 536 BCE. Please note these dates are based on the bible's internal chronology and there is no attempt to align to external dates. Noticeably, in 2 Chron 36:22 after referring to the seventy years in verse 21, we then read about Cyrus, in his first year and his commission to build a house for Jehovah.

"This is what Cyrus the king of Persia has said, 'All the kingdoms of the earth Jehovah the God of the heavens has given me, and he himself has commissioned me to build him a house in Jerusalem, which is in Judah. Whoever there is among YOU of all his people, Jehovah his God be with him. So let him go up.'"

Cyrus' statement fits Daniel's words at Dan 9:25 - "And you should know and have the insight [that] from the going forth of [the] word to restore and to rebuild Jerusalem until Mes-si'ah [the] Leader, there will be seven weeks, also sixty-two weeks."

An explanation for this split in the weeks, 7 weeks and 62 weeks would be that there was a gap between the two periods because the work was stopped. Applying 7 weeks (49 years) from 536 brings us to 487 BCE. The work was stopped by a king called Artaxerxes but recommenced in the 2nd year of Darius (see Ezra 4:23-24). If we take the end point of the 62 weeks (434 years) as 33 CE and count back 434 years this brings us to 401 BCE. Using this chronology alone would suggest that this is the 2nd year of Darius when the work recommenced and that there was an 85 year gap between the work being halted and recommenced.

Our historical understanding of the reigns of the Persian Kings does not reconcile with these dates. However, we are here using only the bible's internal chronology and matching the stated Kings to the stated events and in turn aligning those to the 7 weeks and the 62 weeks but starting from Cyrus, not from Nehemiah's meeting with the King known there as Artaxerxes. (see Neh 1:1-2:8)

In the 69 weeks chronology, the end date is 33 CE. This is based on Daniel 9:26 which points to Messiah being cut off after the 62 weeks. If 29 CE is when Messiah came then he was not cut off after the 62 weeks - he was cut off half a week (3 1/2 years) after the 62 weeks. Also, Jesus had to prove faithful to the death at 33 CE to be truly the Messiah and for this prophesy to be meaningful.

2 BCE is the date of Jesus birth which is shown as at the commencement of the 30th Jubilee. It also shows Jesus death as occurring on the 5th sabbath year of that Jubilee period. This would indicate that Jesus death not only occurred on a sabbath day, and a sabbath celebration but also a sabbath year.

Please note the Chronologies are compressed for convenience.

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**Jubilee Chronology**

Cardinal Week count	0	1	2	3	4	5	6	7	0	1	2	3	4	5	6	7	20	21	22	23	58	59	60	61	62	
Cardinal count	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	27	28	29	30	65	66	67	68	69	
Week count	1st	2nd	3rd	4th	5th	6th	7th	1st	2nd	3rd	4th	5th	6th	7th	8th	21st	22nd	23rd	24th	59th	60th	61st	62nd			
Week proportions	7 weeks							62 weeks																		
Ordinal position	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	28th	29th	30th	31st	66th	67th	68th	69th	70th	71st	
1	-1423	-1374	-1325	-1276	-1227	-1178	-1129	-1080	-1031	-982	-933	-884	-835	-786	-737	-100	-51	-2	48	1763	1812	1861	1910	1959	2008	
2	-1422	-1373	-1324	-1275	-1226	-1177	-1128	-1079	-1030	-981	-932	-883	-834	-785	-736	-99	-50	-1	49	1764	1813	1862	1911	1960		
3	-1421	-1372	-1323	-1274	-1225	-1176	-1127	-1078	-1029	-980	-931	-882	-833	-784	-735	-98	-49	1	50	1765	1814	1863	1912	1961		
4	-1420	-1371	-1322	-1273	-1224	-1175	-1126	-1077	-1028	-979	-930	-881	-832	-783	-734	-97	-48	2	51	1766	1815	1864	1913	1962		
5	-1419	-1370	-1321	-1272	-1223	-1174	-1125	-1076	-1027	-978	-929	-880	-831	-782	-733	-96	-47	3	52	1767	1816	1865	1914	1963		
6	-1418	-1369	-1320	-1271	-1222	-1173	-1124	-1075	-1026	-977	-928	-879	-830	-781	-732	-95	-46	4	53	1768	1817	1866	1915	1964		
<b>Sabbath 1</b>	7	-1417	-1368	-1319	-1270	-1221	-1172	-1123	-1074	-1025	-976	-927	-878	-829	-780	-731	-94	-45	5	54	1769	1818	1867	1916	1965	
<b>Sabbath 2</b>	14	-1410	-1361	-1312	-1263	-1214	-1165	-1116	-1067	-1018	-969	-920	-871	-822	-773	-724	-87	-38	12	61	1776	1825	1874	1923	1972	
<b>Sabbath 3</b>	21	-1403	-1354	-1305	-1256	-1207	-1158	-1109	-1060	-1011	-962	-913	-864	-815	-766	-717	-80	-31	19	68	1783	1832	1881	1930	1979	
<b>Sabbath 4</b>	28	-1396	-1347	-1298	-1249	-1200	-1151	-1102	-1053	-1004	-955	-906	-857	-808	-759	-710	-73	-24	26	75	1790	1839	1888	1937	1986	
<b>Sabbath 5</b>	35	-1389	-1340	-1291	-1242	-1193	-1144	-1095	-1046	-997	-948	-899	-850	-801	-752	-703	-66	-17	33	82	1797	1846	1895	1944	1993	
<b>Sabbath 6</b>	42	-1382	-1333	-1284	-1235	-1186	-1137	-1088	-1039	-990	-941	-892	-843	-794	-745	-696	-59	-10	40	89	1804	1853	1902	1951	2000	
<b>Sabbath 7</b>	49	-1375	-1326	-1277	-1228	-1179	-1130	-1081	-1032	-983	-934	-885	-836	-787	-738	-689	-52	-3	47	96	1811	1860	1909	1958	2007	
<b>Jubilee</b>	50	-1374	-1325	-1276	-1227	-1178	-1129	-1080	-1031	-982	-933	-884	-835	-786	-737	-688	-51	-2	48	97	1812	1861	1910	1959	2008	3500
		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	

**69 Weeks Chronology**

Cardinal Week count	0	1	2	3	4	5	6	7	0	1	2	3	4	5	6	7	20	21	22	23	58	59	60	61	62	
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Week count	1st	2nd	3rd	4th	5th	6th	7th	1st	2nd	3rd	4th	5th	6th	7th	8th	21st	22nd	23rd	24th	59th	60th	61st	62nd			
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1	-535	-528	-521	-514	-507	-500	-493	-401	-394	-387	-380	-373	-366	-359	-352	-261	-254	-247	-240	6	13	20	27	34	41	
2	-534	-527	-520	-513	-506	-499	-492	-400	-393	-386	-379	-372	-365	-358	-351	-260	-253	-246	-239	7	14	21	28	35	42	
3	-533	-526	-519	-512	-505	-498	-491	-399	-392	-385	-378	-371	-364	-357	-350	-259	-252	-245	-238	8	15	22	29	36	43	
4	-532	-525	-518	-511	-504	-497	-490	-398	-391	-384	-377	-370	-363	-356	-349	-258	-251	-244	-237	9	16	23	30	37	44	
5	-531	-524	-517	-510	-503	-496	-489	-397	-390	-383	-376	-369	-362	-355	-348	-257	-250	-243	-236	10	17	24	31	38	45	
6	-530	-523	-516	-509	-502	-495	-488	-396	-389	-382	-375	-368	-361	-354	-347	-256	-249	-242	-235	11	18	25	32	39	46	
7	-529	-522	-515	-508	-501	-494	-487	-395	-388	-381	-374	-367	-360	-353	-346	-255	-248	-241	-234	12	19	26	33	40	47	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	490
								49																434	483	