

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)						
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate								
		1		86,400					1st Civil Year (Genesis 1:13-19)	12 Months (John 11:9; Jer. 33:19-26)	1st Civil Year (Psalms 104:19, 81:1-5)	Leviticus 25:1-12; Gen. 1:13-19; John 11:9; Ps. 104:19; Jer. 31:35-37, 33:19-26.		1	86,400						0.904021014	Ethanim					
		2		86,400													2	86,400					1.808042029	Bul			
		3		86,400														3	86,400					2.712063043	Chislev		
		4		86,400														4	86,400					3.616084058	Tebeth		
		5		86,400														5	86,400					4.520105072	Sebat		
		6	0	86,400										6	86,400						5.424126086	Adar					
		7	1	86,400							1st Religious Year or 8th Religious Year	12 Months = 8th Year		7	86,400							6.328147101	Abib				
		8	2	86,400												8	86,400						7.232168115	Zif			
		9	3	86,400												9	86,400						8.13618913	Sivan			
		10	4	86,400												10	86,400						9.040210144	4th Month			
		11	5	86,400												11	86,400						9.944231158	5th Month			
1	12	12	6	86,400	29.58333333	355	355	Inaccurate	1	1	354		1	12	86,400	29.5	354	354	Inaccurate			10.84825217	Elul				
		13	7	86,400					2nd Civil Year	12 Months	2nd Civil Year	1st Religious Year or 8th Religious Year	12 Months = 8th Year		13	86,400							11.75227319	Ethanim			
		14	8	86,400															14	86,400						12.6562942	Bul
		15	9	86,400															15	86,400						13.56031522	Chislev
		16	10	86,400															16	86,400						14.46433623	Tebeth
		17	11	86,400															17	86,400						15.36835724	Sebat
		18	12	86,400							1	1	354		18	86,400						16.27237826	Adar				
		19	13	86,400					2nd Religious Year	12 Months = 9th Year	2nd Religious Year	1st Religious Year or 8th Religious Year	12 Months = 8th Year		19	86,400							17.17639927	Abib			
		20	14	86,400															20	86,400						18.08042029	Zif
		21	15	86,400															21	86,400						18.9844413	Sivan
		22	16	86,400															22	86,400						19.88846232	4th Month
		23	17	86,400															23	86,400						20.79248333	5th Month
2	24	24	18	86,400	29.54166667	354.5	709	Inaccurate	2	2	355		2	24	86,400	29.5	354	708	Inaccurate			21.69650435	Elul				
		25	19	86,400					3rd Civil Year	13 Months	3rd Civil Year	2nd Religious Year	12 Months = 9th Year		25	86,400							22.60052536	Ethanim			
		26	20	86,400															26	86,400						23.50454637	Bul
		27	21	86,400															27	86,400						24.40856739	Chislev
		28	22	86,400															28	86,400						25.3125884	Tebeth
		29	23	86,400															29	86,400						26.21660942	Sebat
		30	24	86,400							2	2	355		30	86,400						27.12063043	Adar				
		31	25	86,400					3rd Religious Year	13 Months	3rd Religious Year	2nd Religious Year	12 Months = 9th Year		31	86,400							28.02465145	Abib			
		32	26	86,400															32	86,400						28.92867246	Zif
		33	27	86,400															33	86,400						29.83269348	EM 1
		34	28	86,400															34	86,400						1.205361354	Sivan
		35	29	86,400															35	86,400						2.640735504	4th Month
		36	30	86,400											36	86,400						3.013403383	5th Month				
3	36	37	31	86,400	29.54054054	364.33333333	1093	Inaccurate	3	3	384		3	37	86,400	29.51351351	364	1092	Inaccurate			3.917424398	Elul				

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CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)										
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate												
		38	32	86,400					4th Civil Year	12 Months	4th Civil Year	3rd		3rd		38	86,400					4.21445412	Ethanim								
		39	33	86,400																	39	86,400					5.725466426	Bul			
		40	34	86,400																	40	86,400					6.629487441	Chislev			
		41	35	86,400																	41	86,400					7.533508455	Tebeth			
		42	36	86,400																	42	86,400					8.43752947	Sebat			
		43	37	86,400											3	3	384		43	86,400					9.341550484	Adar					
		44	38	86,400											4th Religious Year	12 Months	4th Religious Year		44	86,400					10.2455715	Abib					
		45	39	86,400																	45	86,400					11.14959251	Zif			
		46	40	86,400																	46	86,400					12.05361353	Sivan			
		47	41	86,400																	47	86,400					12.95763454	4th Month			
		48	42	86,400														48	86,400					13.86165556	5th Month						
4	48	49	43	86,400	29.55102041	362	1448	Inaccurate	4	4	354		4	49				86,400	29.53061224	361.75	1447	Inaccurate		14.76567657	Elul						
		50	44	86,400					5th Civil Year	12 Months	5th Civil Year	4th Religious Year	12 Months	4th Religious Year					50	86,400					15.66969758	Ethanim					
		51	45	86,400																				51	86,400					16.5737186	Bul
		52	46	86,400																				52	86,400					17.47773961	Chislev
		53	47	86,400																				53	86,400					18.38176063	Tebeth
		54	48	86,400																	54	86,400					19.28578164	Sebat			
		55	49	86,400														4	4	354		55	86,400					20.18980266	Adar		
		56	50	86,400														5th Religious Year	13 Months	5th Religious Year		56	86,400					21.09382367	Abib		
		57	51	86,400																				57	86,400					21.99784469	Zif
		58	52	86,400																				58	86,400					22.9018657	Sivan
		59	53	86,400																				59	86,400					23.80588671	4th Month
		60	54	86,400											60	86,400								24.70990773	5th Month						
5	60	61	55	86,400	29.54098361	360.4	1802	Inaccurate	5	5	354	5	61	86,400	29.52459016	360.2	1801				Inaccurate		25.61392874	Elul							
		62	56	86,400					6th Civil Year	13 Months	6th Civil Year	5th Religious Year	13 Months	5th Religious Year		62	86,400								26.51794976	Ethanim					
		63	57	86,400																				63	86,400					27.42197077	Bul
		64	58	86,400																				64	86,400					28.32599179	Kislev
		65	59	86,400																				65	86,400					29.2300128	Tebeth
		66	60	86,400																	66	86,400					30.13403382	EM 2			
		67	61	86,400																	67	86,400					1.506701694	Sebat			
		68	62	86,400														5	5	384		68	86,400					2.410722709	Adar		
		69	63	86,400														6th Religious Year	Months	6th Religious Year		69	86,400					3.314743723	Abib		
		70	64	86,400																				70	86,400					4.218764737	Zif
		71	65	86,400																				71	86,400					5.122785752	Sivan
		72	66	86,400											72	86,400								6.026806766	4th Month						
		73	67	86,400											73	86,400								6.930827781	5th Month						
6	72	74	68	86,400	29.54054054	364.3333333	2186	Inaccurate	6	6	384	6	74	86,400	29.52702703	364.1666667	2185	Inaccurate		7.834848795	Elul										

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CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)								
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate										
		75	69	86,400					7th Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year (Not 55th Monthbatical Year)	6th Re	12	6th Re		75	86,400					8.738869809	Ethanim						
		76	70	86,400															76	86,400					9.642890824	Bul			
		77	71	86,400															77	86,400					10.54691184	Chislev			
		78	72	86,400															78	86,400					11.45093285	Tebeth			
		79	73	86,400															79	86,400					12.35495387	Sebat			
		80	74	86,400											6	6	354		80	86,400					13.25897488	Adar			
		81	75	86,400											55th Monthbatical Year	12 Months	7th Religious Year (55th Monthbatical Year)		81	86,400					14.1629959	Abib			
		82	76	86,400																		82	86,400					15.06701691	Zif
		83	77	86,400																		83	86,400					15.97103792	Sivan
		84	78	86,400																		84	86,400					16.87505894	4th Month
		85	79	86,400															85	86,400					17.77907995	5th Month			
7	84	86	80	86,400	29.53488372	362.8571429	2540	Inaccurate	7	7	355							7	86	86,400	29.52325581	362.7142857	2539	Inaccurate	18.68310097	Elul			
		87	81	86,400					1st Civil Year or 8th Civil Year	13 Months	1st Civil Year or 8th Civil Year								87	86,400					19.58712198	Ethanim			
		88	82	86,400																		88	86,400					20.491143	Bul
		89	83	86,400																		89	86,400					21.39516401	Chislev
		90	84	86,400																		90	86,400					22.29918503	Tebeth
		91	85	86,400															91	86,400					23.20320604	Sebat			
		92	86	86,400											7	7	355		92	86,400					24.10722705	Adar			
		93	87	86,400											1st Religious Year or 8th Religious Year	13 Months	1st Religious Year or 8th Religious Year		93	86,400					25.01124807	Abib			
		94	88	86,400																		94	86,400					25.91526908	Zif
		95	89	86,400																		95	86,400					26.8192901	Sivan
		96	90	86,400																		96	86,400					27.72331111	4th Month
		97	91	86,400															97	86,400					28.62733213	5th Month			
		98	92	86,400															98	86,400					29.53135314	EM 3			
8	96	99	93	86,400	29.53535354	365.5	2924	Inaccurate	8	8	383							8	99	86,400	29.52525253	365.375	2923	Inaccurate	0.904021014	Elul			
		100	94	86,400					2nd Civil Year or 9th Civil Year	12 Months	2nd Civil Year or 9th Civil Year								100	86,400					1.808042029	Ethanim			
		101	95	86,400																		101	86,400					2.712063043	Bul
		102	96	86,400																		102	86,400					3.616084058	Chislev
		103	97	86,400															103	86,400					4.520105072	Tebeth			
		104	98	86,400															104	86,400					5.424126086	Sebat			
		105	99	86,400											8	8	384		105	86,400					6.328147101	Adar			
		106	100	86,400											ar or 9th Religious Year	Months	ar or 9th Religious Year		106	86,400					7.232168115	Abib			
		107	101	86,400																		107	86,400					8.13618913	Zif
		108	102	86,400																		108	86,400					9.040210144	Sivan
		109	103	86,400																		109	86,400					9.944231158	4th Month
		110	104	86,400															110	86,400					10.84825217	5th Month			
9	108	111	105	86,400	29.53153153	364.2222222	3278	Inaccurate	9	9	355				9	111	86,400	29.522552252	364.1111111	3277	Inaccurate	11.75227319	Elul						

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LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate														
		112	106	86,400					3rd Civil Year or 10th Civil Year	12 Months	3rd Civil Year or 10th Civil Year	2nd Religious Year	12	2nd Religious Year		112	86,400					12.6562942	Ethanim											
		113	107	86,400															113	86,400				13.56031522	Bul									
		114	108	86,400															114	86,400				14.46433623	Chislev									
		115	109	86,400															115	86,400				15.36835724	Tebeth									
		116	110	86,400															116	86,400				16.27237826	Sebat									
		117	111	86,400											9	9	354		117	86,400				17.17639927	Adar									
		118	112	86,400											3rd Religious Year or 10th Religious Year	12 Months	3rd Religious Year or 10th Religious Year		118	86,400				18.08042029	Abib									
		119	113	86,400																		119	86,400				18.9844413	Zif						
		120	114	86,400																		120	86,400				19.88846232	Sivan						
		121	115	86,400																		121	86,400				20.79248333	4th Month						
		122	116	86,400															122	86,400				21.69650435	5th Month									
10	120	123	117	86,400	29.53658537	363.3	3633		10	10	354	3rd Religious Year or 10th Religious Year	12 Months	3rd Religious Year or 10th Religious Year	10	123	86,400	29.52845528	363.2	3632	Inaccurate	22.60052536	Elul											
		124	118	86,400					4th Civil Year or 11th Civil Year	13 Months	4th Civil Year or 11th Civil Year				3rd Religious Year or 10th Religious Year	12 Months	3rd Religious Year or 10th Religious Year		124	86,400				23.50454637	Ethanim									
		125	119	86,400																					125	86,400				24.40856739	Bul			
		126	120	86,400																					126	86,400				25.3125884	Chislev			
		127	121	86,400																					127	86,400				26.21660942	Tebeth			
		128	122	86,400																					128	86,400				27.12063043	Sebat			
		129	123	86,400																	10	10	354		129	86,400				28.02465145	Adar			
		130	124	86,400																	4th Religious Year or 11th Religious Year	13 Months	4th Religious Year or 11th Religious Year		130	86,400				28.92867246	Abib			
		131	125	86,400																								131	86,400				29.83269348	EM 4
		132	126	86,400																								132	86,400				1.205361354	Zif
		133	127	86,400																					133	86,400				2.640735504	Sivan			
		134	128	86,400												134	86,400							3.013403383	4th Month									
		135	129	86,400												135	86,400							3.917424398	5th Month									
		136	130	86,400																														
11	132	136	130	86,400	29.53676471	365.1818182	4017	Inaccurate	11	11	384	4th Religious Year or 11th Religious Year	13 Months	4th Religious Year or 11th Religious Year	11	136	86,400	29.52941176	365.0909091	4016	Inaccurate	4.21445412	Elul											
		137	131	86,400					5th Civil Year or 12th Civil Year	12 Months	5th Civil Year or 12th Civil Year				4th Religious Year or 11th Religious Year	13 Months	4th Religious Year or 11th Religious Year		137	86,400				5.725466426	Ethanim									
		138	132	86,400																					138	86,400				6.629487441	Bul			
		139	133	86,400																					139	86,400				7.533508455	Chislev			
		140	134	86,400																					140	86,400				8.43752947	Tebeth			
		141	135	86,400																					141	86,400				9.341550484	Sebat			
		142	136	86,400																	11	11	384		142	86,400				10.2455715	Adar			
		143	137	86,400																	5th Religious Year or 12th Religious Year	13 Months	5th Religious Year or 12th Religious Year		143	86,400				11.14959251	Abib			
		144	138	86,400																								144	86,400				12.05361353	Zif
		145	139	86,400																								145	86,400				12.95763454	Sivan
		146	140	86,400																					146	86,400				13.86165556	4th Month			
		147	141	86,400												147	86,400							14.76567657	5th Month									
12	144	148	142	86,400	29.53378378	364.25	4371	Inaccurate	12	12	355	5th or 12th Religious Year	13 Months	5th or 12th Religious Year	12	148	86,400	29.52702703	364.1666667	4370	Inaccurate	15.66969758	Elul											

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LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate												
		149	143	86,400					6th Civil Year or 13th Civil Year	12 Months	6th Civil Year or 13th Civil Year	5th Religious Year	12	5th Religious Year		149	86,400				16.5737186	Ethanim									
		150	144	86,400															150	86,400				17.47773961	Bul						
		151	145	86,400															151	86,400				18.38176063	Chislev						
		152	146	86,400															152	86,400				19.28578164	Tebeth						
		153	147	86,400															153	86,400				20.18980266	Sebat						
		154	148	86,400											12	12	355		154	86,400				21.09382367	Adar						
		155	149	86,400											6th Religious Year or 13th Religious Year	13 Months	6th Religious Year or 13th Religious Year		155	86,400				21.99784469	Abib						
		156	150	86,400																		156	86,400				22.9018657	Zif			
		157	151	86,400																		157	86,400				23.80588671	Sivan			
		158	152	86,400																		158	86,400				24.70990773	4th Month			
		159	153	86,400															159	86,400				25.61392874	5th Month						
13	156	160	154	86,400	29.53125	363.4615385	4725	Inaccurate	13	13	354				13	160	86,400	29.525	363.3846154	4724	Inaccurate	26.51794976	Elul								
		161	155	86,400					7th Civil Year or 14th Civil Year (Not 55th Monthbatical Year)	13 Months	7th Civil Year or 14th Civil Year (Not 55th Monthbatical Year)	6th Religious Year or 13th Religious Year	13 Months	6th Religious Year or 13th Religious Year		161	86,400				27.42197077	Ethanim									
		162	156	86,400																		162	86,400				28.32599179	Bul			
		163	157	86,400																		163	86,400				29.2300128	Kislev			
		164	158	86,400																		164	86,400				30.13403382	EM 5			
		165	159	86,400																		165	86,400				1.506701694	Tebeth			
		166	160	86,400																		166	86,400				2.410722709	Sebat			
		167	161	86,400														13	13	384		167	86,400				3.314743723	Adar			
		168	162	86,400														5th Monthbatical Year	12 Months	7th Religious Year or 14th Religious Year (55th Monthbatical Year)		168	86,400				4.218764737	Abib			
		169	163	86,400																					169	86,400				5.122785752	Zif
		170	164	86,400																					170	86,400				6.026806766	Sivan
		171	165	86,400												171	86,400							6.930827781	4th Month						
		172	166	86,400												172	86,400							7.834848795	5th Month						
14	168	173	167	86,400	29.53179191	364.9285714	5109	Inaccurate	14	14	384				14	173	86,400	29.52601156	364.8571429	5108	Inaccurate	8.738869809	Elul								
		174	168	86,400					1st Civil Year or 15th Civil Year	12 Months	1st Civil Year or 15th Civil Year	55th Religious Year or 15th Religious Year	12 Months	7th Religious Year or 14th Religious Year (55th Monthbatical Year)		174	86,400				9.642890824	Ethanim									
		175	169	86,400																		175	86,400				10.54691184	Bul			
		176	170	86,400																		176	86,400				11.45093285	Chislev			
		177	171	86,400																		177	86,400				12.35495387	Tebeth			
		178	172	86,400																		178	86,400				13.25897488	Sebat			
		179	173	86,400																		179	86,400				14.1629959	Adar			
		180	174	86,400														14	14	354		180	86,400				15.06701691	Abib			
		181	175	86,400														or 15th Religious Year	Months	or 15th Religious Year		181	86,400				15.97103792	Zif			
		182	176	86,400																					182	86,400				16.87505894	Sivan
		183	177	86,400																					183	86,400				17.77907995	4th Month
		184	178	86,400												184	86,400							18.68310097	5th Month						
15	180	185	179	86,400	29.53513514	364.2666667	5464	Inaccurate	15	15	354				15	185	86,400	29.52972973	364.2	5463	Inaccurate	19.58712198	Elul								

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)											
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate													
		186	180	86,400					2nd Civil Year or 16th Civil Year	13 Months	2nd Civil Year or 16th Civil Year	1st Religious Year	12	1st Religious Year		186	86,400				20.491143	Ethanim										
		187	181	86,400															187	86,400				21.39516401	Bul							
		188	182	86,400															188	86,400				22.29918503	Chislev							
		189	183	86,400															189	86,400				23.20320604	Tebeth							
		190	184	86,400															190	86,400				24.10722705	Sebat							
		191	185	86,400											15	15	354		191	86,400				25.01124807	Adar							
		192	186	86,400											2nd Religious Year or 16th Religious Year	13 Months	2nd Religious Year or 16th Religious Year		192	86,400				25.91526908	Abib							
		193	187	86,400																		193	86,400				26.8192901	Zif				
		194	188	86,400																		194	86,400				27.72331111	Sivan				
		195	189	86,400																		195	86,400				28.62733213	4th Month				
		196	190	86,400																		196	86,400				29.53135314	EM 6				
		197	191	86,400																		197	86,400				0.904021014	5th Month				
16	192	198	192	86,400	29.53535354	365.5	5848	Inaccurate	16	16	384	3rd Civil Year or 17th Civil Year	12 Months	3rd Civil Year or 17th Civil Year	2nd Religious Year or 17th Religious Year	16	16	384	16	198	86,400	29.53030303	365.4375	5847	Inaccurate	1.808042029	Elul					
		199	193	86,400																						199	86,400				2.712063043	Ethanim
		200	194	86,400																						200	86,400				3.616084058	Bul
		201	195	86,400																						201	86,400				4.520105072	Chislev
		202	196	86,400																						202	86,400				5.424126086	Tebeth
		203	197	86,400																						203	86,400				6.328147101	Sebat
		204	198	86,400											16	16	384		204	86,400				7.232168115	Adar							
		205	199	86,400											3rd Religious Year or 17th Religious Year	12 Months	3rd Religious Year or 17th Religious Year		205	86,400				8.13618913	Abib							
		206	200	86,400																		206	86,400				9.040210144	Zif				
		207	201	86,400																		207	86,400				9.944231158	Sivan				
		208	202	86,400																		208	86,400				10.84825217	4th Month				
		209	203	86,400																		209	86,400				11.75227319	5th Month				
17	204	210	204	86,400	29.53333333	364.8235294	6202	Inaccurate	17	17	354	17	210	86,400				29.52857143	364.7647059	6201	Inaccurate	12.6562942	Elul									
		211	205	86,400					4th Civil Year or 18th Civil Year	12 Months	4th Civil Year or 18th Civil Year	3rd Religious Year or 18th Religious Year	17	17	355		211	86,400				13.56031522	Ethanim									
		212	206	86,400																			212	86,400				14.46433623	Bul			
		213	207	86,400																			213	86,400				15.36835724	Chislev			
		214	208	86,400																			214	86,400				16.27237826	Tebeth			
		215	209	86,400																			215	86,400				17.17639927	Sebat			
		216	210	86,400																			216	86,400				18.08042029	Adar			
		217	211	86,400											4th Religious Year or 18th Religious Year	17	17	355		217	86,400				18.9844413	Abib						
		218	212	86,400																			218	86,400				19.88846232	Zif			
		219	213	86,400																			219	86,400				20.79248333	Sivan			
		220	214	86,400																			220	86,400				21.69650435	4th Month			
		221	215	86,400																			221	86,400				22.60052536	5th Month			
18	216	222	216	86,400	28.18018018	347.5555556	6256	Inaccurate				18	18	355					18	222	86,400	28.17567568	347.5	6255	Inaccurate	23.50454637	Elul					

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)										
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate												
		223	217	86,400					5th Civil Year or 19th Civil Year	13 Months	5th Civil Year or 19th Civil Year	4th Religious Year or 18th Religious Year	13 Months	4th Religious Year or 18th Religious Year		223	86,400					24.40856739	Ethanim								
		224	218	86,400														224	86,400					25.3125884	Bul						
		225	219	86,400														225	86,400					26.21660942	Chislev						
		226	220	86,400														226	86,400					27.12063043	Tebeth						
		227	221	86,400														227	86,400					28.02465145	Sebat						
		228	222	86,400														228	86,400					28.92867246	Adar						
		229	223	86,400											18	18	384	229	86,400					29.83269348	EM 7						
		230	224	86,400											5th Religious Year or 19th Religious Year	12 Months	5th Religious Year or 19th Religious Year	230	86,400					1.205361354	Abib						
		231	225	86,400																	231	86,400					2.640735504	Zif			
		232	226	86,400																	232	86,400					3.013403383	Sivan			
		233	227	86,400																	233	86,400					3.917424398	4th Month			
		234	228	86,400																	234	86,400					4.21445412	5th Month			
19	228	235	229	86,400	29.52765957	365.2105263	6939	Impossible	19	19	384	19	235	86,400				29.53191489	365.2631579	6940	Impossible			5.725466426	Elul						
		236	230	86,400					6th Civil Year or 20th Civil Year	12 Months	6th Civil Year or 20th Civil Year	5th Religious Year or 19th Religious Year	12 Months	5th Religious Year or 19th Religious Year				236	86,400					6.629487441	Ethanim						
		237	231	86,400																				237	86,400					7.533508455	Bul
		238	232	86,400																	238	86,400					8.43752947	Chislev			
		239	233	86,400																	239	86,400					9.341550484	Tebeth			
		240	234	86,400																	240	86,400					10.2455715	Sebat			
		241	235	86,400														19	19	354	241	86,400					11.14959251	Adar			
		242	236	86,400														6th Religious Year or 20th Religious Year	12 Months	6th Religious Year or 20th Religious Year	242	86,400					12.05361353	Abib			
		243	237	86,400																				243	86,400					12.95763454	Zif
		244	238	86,400																				244	86,400					13.86165556	Sivan
		245	239	86,400																				245	86,400					14.76567657	4th Month
		246	240	86,400																				246	86,400					15.66969758	5th Month
20	240	247	241	86,400	29.53441296	364.75	7295	Inaccurate	20	20	354	20	247	86,400	29.53036437	364.7	7294				Inaccurate			16.5737186	Elul						
		248	242	86,400					7th Civil Year or 21st Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year or 21st Civil Year (Not 55th Monthbatical Year)	6th Religious Year or 20th Religious Year	12 Months	6th Religious Year or 20th Religious Year	248	86,400								17.47773961	Ethanim						
		249	243	86,400																				249	86,400					18.38176063	Bul
		250	244	86,400																	250	86,400					19.28578164	Chislev			
		251	245	86,400																	251	86,400					20.18980266	Tebeth			
		252	246	86,400																	252	86,400					21.09382367	Sebat			
		253	247	86,400														20	20	354	253	86,400					21.99784469	Adar			
		254	248	86,400														7th Religious Year or 21st Religious Year (Not 55th Monthbatical Year)	12 Months	7th Religious Year or 21st Religious Year (Not 55th Monthbatical Year)	254	86,400					22.9018657	Abib			
		255	249	86,400																				255	86,400					23.80588671	Zif
		256	250	86,400																				256	86,400					24.70990773	Sivan
		257	251	86,400																				257	86,400					25.61392874	4th Month
		258	252	86,400																				258	86,400					26.51794976	5th Month
21	252	259	253	86,400	29.53281853	364.23800952	7649	Inaccurate	21	21	354	21	259	86,400	29.52895753	364.1904762	7648				Inaccurate			27.42197077	Elul						

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)			
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate					
		260	254	86,400					1st Civil Year or 22nd Civil Year	13 Months	1st Civil Year or 22nd Civil Year	55th Month	13 Months	7th Religious Year or 2nd Monthbar		260	86,400					28.32599179	Ethanim	
		261	255	86,400												261	86,400						29.2300128	Bul
		262	256	86,400												262	86,400						30.13403382	EM 8
		263	257	86,400												263	86,400						1.506701694	Kislev
		264	258	86,400												264	86,400						2.410722709	Tebeth
		265	259	86,400												265	86,400						3.314743723	Sebat
		266	260	86,400								21	21	384		266	86,400					4.218764737	Adar	
		267	261	86,400								1st Religious Year or 22nd Religious Year	12 Months	1st Religious Year or 22nd Religious Year		267	86,400					5.122785752	Abib	
		268	262	86,400											268	86,400						6.026806766	Zif	
		269	263	86,400											269	86,400						6.930827781	Sivan	
		270	264	86,400											270	86,400						7.834848795	4th Month	
		271	265	86,400											271	86,400						8.738869809	5th Month	
22	264	272	266	86,400	29.53308824	365.1363636	8033	Inaccurate	22	22	384				22	272	86,400	29.52941176	365.0909091	8032	Inaccurate	9.642890824	Elul	
		273	267	86,400					2nd Civil Year or 23rd Civil Year	12 Months	2nd Civil Year or 23rd Civil Year	1st Religious Year or 23rd Religious Year	12 Months	1st Religious Year or 23rd Religious Year		273	86,400					10.54691184	Ethanim	
		274	268	86,400												274	86,400						11.45093285	Bul
		275	269	86,400												275	86,400						12.35495387	Chislev
		276	270	86,400												276	86,400						13.25897488	Tebeth
		277	271	86,400												277	86,400						14.1629959	Sebat
		278	272	86,400												22	22	355		278	86,400			
		279	273	86,400								2nd Religious Year or 23rd Religious Year	12 Months	2nd Religious Year or 23rd Religious Year		279	86,400					15.97103792	Abib	
		280	274	86,400											280	86,400						16.87505894	Zif	
		281	275	86,400											281	86,400						17.77907995	Sivan	
		282	276	86,400											282	86,400						18.68310097	4th Month	
		283	277	86,400											283	86,400						19.58712198	5th Month	
23	276	284	278	86,400	29.53169014	364.6521739	8387	Inaccurate			23				23	355	23	284	86,400	29.52816901	364.6086957	8386	Inaccurate	20.491143
		285	279	86,400					3rd Civil Year or 24th Civil Year	13 Months	3rd Civil Year or 24th Civil Year	2nd Religious Year or 24th Religious Year	12 Months	2nd Religious Year or 24th Religious Year		285	86,400					21.39516401	Ethanim	
		286	280	86,400												286	86,400						22.29918503	Bul
		287	281	86,400												287	86,400						23.20320604	Chislev
		288	282	86,400												288	86,400						24.10722705	Tebeth
		289	283	86,400												289	86,400						25.01124807	Sebat
		290	284	86,400												23	23	354		290	86,400			
		291	285	86,400								3rd Religious Year or 24th Religious Year	13 Months	3rd Religious Year or 24th Religious Year		291	86,400					26.8192901	Abib	
		292	286	86,400											292	86,400						27.72331111	Zif	
		293	287	86,400											293	86,400						28.62733213	Sivan	
		294	288	86,400											294	86,400						29.53135314	EM 9	
		295	289	86,400											295	86,400						0.904021014	4th Month	
		296	290	86,400											296	86,400						1.808042029	5th Month	

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle						CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)							
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate									
24	288	297	291	86,400	29.52525253	365.375	8769	Inaccurate	24	24	384	4th Civil Year or 25th Civil Year	12 Months	4th Civil Year or 25th Civil Year	3rd Religious Year or 24th Religious Year	13 Months	3rd Religious Year or 24th Religious Year	24	297	86,400	29.52861953	365.4166667	8770	Inaccurate	2.712063043	Elul				
		298	292	86,400																		298	86,400					3.616084058	Ethanim	
		299	293	86,400																		299	86,400					4.520105072	Bul	
		300	294	86,400																		300	86,400					5.424126086	Chislev	
		301	295	86,400																		301	86,400					6.328147101	Tebeth	
		302	296	86,400																		302	86,400					7.232168115	Sebat	
		303	297	86,400											24	24	384					303	86,400					8.13618913	Adar	
		304	298	86,400																		304	86,400					9.040210144	Abib	
		305	299	86,400																		305	86,400					9.944231158	Zif	
		306	300	86,400																		306	86,400					10.84825217	Sivan	
		307	301	86,400																		307	86,400					11.75227319	4th Month	
		308	302	86,400															308	86,400					12.6562942	5th Month				
25	300	309	303	86,400	29.53074434	365	9125	Inaccurate	25	25	354	5th Civil Year or 26th Civil Year	12 Months	5th Civil Year or 26th Civil Year	4th Religious Year or 25th Religious Year	12 Months	4th Religious Year or 25th Religious Year	25	309	86,400	29.52750809	364.96	9124	Inaccurate	13.56031522	Elul				
		310	304	86,400																			310	86,400					14.46433623	Ethanim
		311	305	86,400																			311	86,400					15.36835724	Bul
		312	306	86,400																			312	86,400					16.27237826	Chislev
		313	307	86,400																			313	86,400					17.17639927	Tebeth
		314	308	86,400																			314	86,400					18.08042029	Sebat
		315	309	86,400											25		25	354					315	86,400					18.9844413	Adar
		316	310	86,400																			316	86,400					19.88846232	Abib
		317	311	86,400																			317	86,400					20.79248333	Zif
		318	312	86,400																			318	86,400					21.69650435	Sivan
		319	313	86,400																			319	86,400					22.60052536	4th Month
		320	314	86,400															320	86,400					23.50454637	5th Month				
26	312	321	315	86,400	29.53271028	364.6153846	9480	Inaccurate	26	26	354	6th Civil Year or 27th Civil Year	13 Months	6th Civil Year or 27th Civil Year	5th Religious Year or 26th Religious Year	13 Months	5th Religious Year or 26th Religious Year	26	321	86,400	29.52959502	364.5769231	9479	Inaccurate	24.40856739	Elul				
		322	316	86,400																			322	86,400					25.3125884	Ethanim
		323	317	86,400																			323	86,400					26.21660942	Bul
		324	318	86,400																			324	86,400					27.12063043	Chislev
		325	319	86,400																			325	86,400					28.02465145	Tebeth
		326	320	86,400																			326	86,400					28.92867246	Sebat
		327	321	86,400																			327	86,400					29.83269348	EM 10
		328	322	86,400											26		26	384					328	86,400					1.205361354	Adar
		329	323	86,400																			329	86,400					2.640735504	Abib
		330	324	86,400																			330	86,400					3.013403383	Zif
		331	325	86,400																			331	86,400					3.917424398	Sivan
		332	326	86,400																			332	86,400					4.21445412	4th Month
		333	327	86,400																			333	86,400					5.725466426	5th Month

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)											
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate										
27	324	334	328	86,400	29.53293413	365.3333333	9864	Inaccurate	27	27	384	6th Religious Year or 12 Months	12 Months	6th Religious Year or 12 Months	27	334	86,400	29.52994012	365.2962963	9863	Inaccurate	6.629487441	Elul										
		335	329	86,400					7th Civil Year or 28th Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year or 28th Civil Year (Not 55th Monthbatical Year)					335	86,400							7.533508455	Ethanim								
		336	330	86,400												336	86,400									8.43752947	Bul						
		337	331	86,400												337	86,400									9.341550484	Chisleb						
		338	332	86,400												338	86,400									10.2455715	Tebeth						
		339	333	86,400												339	86,400									11.14959251	Sebat						
		340	334	86,400												27	27	355		340	86,400						12.05361353	Adar					
		341	335	86,400												55th Monthbatical Year or 12 Months	12 Months	7th Religious Year or 28th Religious Year (55th Monthbatical Year)		341	86,400							12.95763454	Abib				
		342	336	86,400															342	86,400									13.86165556	Zif			
		343	337	86,400															343	86,400									14.76567657	Sivan			
		344	338	86,400															344	86,400									15.66969758	4th Month			
		345	339	86,400						345	86,400												16.5737186	5th Month									
28	336	346	340	86,400	29.53179191	364.9285714	10218	Inaccurate	28	28	355	55th Monthbatical Year or 12 Months	12 Months	7th Religious Year or 28th Religious Year (55th Monthbatical Year)	28				346	86,400	29.52890173	364.8928571	10217	Inaccurate	17.47773961	Elul							
		347	341	86,400					1st Civil Year or 29th Civil Year	12 Months	1st Civil Year or 29th Civil Year								347	86,400								18.38176063	Ethanim				
		348	342	86,400															348	86,400										19.28578164	Bul		
		349	343	86,400												349	86,400										20.18980266	Chisleb					
		350	344	86,400												350	86,400										21.09382367	Tebeth					
		351	345	86,400												351	86,400										21.99784469	Sebat					
		352	346	86,400												28	28	354		352	86,400							22.9018657	Adar				
		353	347	86,400												1st Religious Year or 29th Religious Year	13 Months	1st Religious Year or 29th Religious Year		353	86,400								23.80588671	Abib			
		354	348	86,400															354	86,400											24.70990773	Zif	
		355	349	86,400															355	86,400											25.61392874	Sivan	
		356	350	86,400															356	86,400											26.51794976	4th Month	
		357	351	86,400						357	86,400														27.42197077	5th Month							
29	348	358	352	86,400	29.53072626	364.5517241	10572	Inaccurate	29	29	354	1st Religious Year or 29th Religious Year	13 Months	1st Religious Year or 29th Religious Year	29				358	86,400	29.52793296	364.5172414	10571	Inaccurate	28.32599179	Elul							
		359	353	86,400					2nd Civil Year or 30th Civil Year	13 Months	2nd Civil Year or 30th Civil Year					359	86,400									29.2300128	Ethanim						
		360	354	86,400												360	86,400											30.13403382	EM 11				
		361	355	86,400												361	86,400											1.506701694	Bul				
		362	356	86,400												362	86,400											2.410722709	Chisleb				
		363	357	86,400												363	86,400											3.314743723	Tebeth				
		364	358	86,400												364	86,400											4.218764737	Sebat				
		365	359	86,400												29	29	384		365	86,400								5.122785752	Adar			
		366	360	86,400												40th Religious Year	13 Months	40th Religious Year		366	86,400									6.026806766	Abib		
		367	361	86,400															367	86,400												6.930827781	Zif
		368	362	86,400															368	86,400												7.834848795	Sivan
		369	363	86,400						369	86,400															8.738869809	4th Month						
		370	364	86,400						370	86,400															9.642890824	5th Month						

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)			
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate		
30	360	371	365	86,400	29.5309973	365.2	10,956	Impossible	30	30	384	2nd Religious Year or 12 Months	12 Months	2nd Religious Year or 12 Months	30	371	86,400	29.53369272	365.2333333	10,957	Inaccurate	10.54691184	Elul		
		372	366	86,400					3rd Civil Year or 31st Civil Year	12 Months	3rd Civil Year or 31st Civil Year					372	86,400						11.45093285	Ethanim	
		373	367	86,400												373	86,400							12.35495387	Bul
		374	368	86,400												374	86,400							13.25897488	Chislev
		375	369	86,400												375	86,400							14.1629959	Tebeth
		376	370	86,400												376	86,400							15.06701691	Sebat
		377	371	86,400												377	86,400							15.97103792	Adar
		378	372	86,400						378	86,400							16.87505894	Abib						
		379	373	86,400						379	86,400							17.77907995	Zif						
		380	374	86,400						380	86,400							18.68310097	Sivan						
		381	375	86,400						381	86,400							19.58712198	4th Month						
		382	376	86,400						382	86,400							20.491143	5th Month						
31	372	383	377	86,400	29.53263708	364.8709677	11311	Inaccurate	31	31	354	3rd Religious Year or 31st Religious Year	12 Months	3rd Religious Year or 31st Religious Year	31	383	86,400	29.53002611	364.8387097	11310	Inaccurate	21.39516401	Elul		
		384	378	86,400					4th Civil Year or 32nd Civil Year	13 Months	4th Civil Year or 32nd Civil Year					384	86,400						22.29918503	Ethanim	
		385	379	86,400												385	86,400							23.20320604	Bul
		386	380	86,400												386	86,400							24.10722705	Chislev
		387	381	86,400												387	86,400							25.01124807	Tebeth
		388	382	86,400												388	86,400							25.91526908	Sebat
		389	383	86,400												389	86,400							26.8192901	Adar
		390	384	86,400						390	86,400							27.72331111	Abib						
		391	385	86,400						391	86,400							28.62733213	Zif						
		392	386	86,400						392	86,400							29.53135314	EM 12						
		393	387	86,400						393	86,400							0.904021014	Sivan						
		394	388	86,400						394	86,400							1.808042029	4th Month						
		395	389	86,400						395	86,400							2.712063043	5th Month						
32	384	396	390	86,400	29.53282828	365.46875	11695	Inaccurate	32	32	384	4th Religious Year or 32nd Religious Year	13 Months	4th Religious Year or 32nd Religious Year	32	396	86,400	29.53030303	365.4375	11694	Inaccurate	3.616084058	Elul		
		397	391	86,400					5th Civil Year or 33rd Civil Year	12 Months	5th Civil Year or 33rd Civil Year					397	86,400						4.520105072	Ethanim	
		398	392	86,400												398	86,400							5.424126086	Bul
		399	393	86,400												399	86,400							6.328147101	Chislev
		400	394	86,400												400	86,400							7.232168115	Tebeth
		401	395	86,400												401	86,400							8.13618913	Sebat
		402	396	86,400												402	86,400							9.040210144	Adar
		403	397	86,400						403	86,400							9.944231158	Abib						
		404	398	86,400						404	86,400							10.84825217	Zif						
		405	399	86,400						405	86,400							11.75227319	Sivan						
		406	400	86,400						406	86,400							12.6562942	4th Month						
		407	401	86,400						407	86,400							13.56031522	5th Month						

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)													
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate															
33	396	408	402	86,400	29.53186275	365.1212121	12049	Inaccurate	33	33	355	5th Religious Year or 34th Civil Year	12 Months	5th Religious Year or 34th Civil Year	33	408	86,400	29.52941176	365.0909091	12048	Inaccurate	14.46433623	Elul												
		409	403	86,400					6th Civil Year or 34th Civil Year	12 Months	6th Civil Year or 34th Civil Year					409	86,400							15.36835724	Ethanim										
		410	404	86,400															410	86,400							16.27237826	Bul							
		411	405	86,400															411	86,400								17.17639927	Chislev						
		412	406	86,400															412	86,400									18.08042029	Tebeth					
		413	407	86,400															413	86,400										18.9844413	Sebat				
		414	408	86,400														33	33	355		414	86,400								19.88846232	Adar			
		415	409	86,400														6th Religious Year or 34th Religious Year	13 Months	6th Religious Year or 34th Religious Year		415	86,400								20.79248333	Abib			
		416	410	86,400																		416	86,400											21.69650435	Zif
		417	411	86,400																		417	86,400											22.60052536	Sivan
		418	412	86,400												418	86,400														23.50454637	4th Month			
		419	413	86,400									419	86,400															24.40856739	5th Month					
		420	414	86,400																										25.3125884	Elul				
34	408	420	414	86,400	29.53095238	364.7941176	12403	Inaccurate	34	34	354	6th Religious Year or 34th Civil Year (Not 55th Monthbatical Year)	13 Months	6th Religious Year or 35th Civil Year (Not 55th Monthbatical Year)	34	420	86,400	29.52857143	364.7647059	12402	Inaccurate	25.3125884	Elul												
		421	415	86,400												421	86,400												26.21660942	Ethanim					
		422	416	86,400												422	86,400												27.12063043	Bul					
		423	417	86,400												423	86,400												28.02465145	Chislev					
		424	418	86,400												424	86,400												28.92867246	Tebeth					
		425	419	86,400												425	86,400												29.83269348	EM 13					
		426	420	86,400												426	86,400												1.205361354	Sebat					
		427	421	86,400											34	34	384		427	86,400									2.640735504	Adar					
		428	422	86,400											55th Monthbatical Year	12 Months	7th Religious Year or 35th Religious Year (55th Monthbatical Year)		428	86,400									3.013403383	Abib					
		429	423	86,400															429	86,400												3.917424398	Zif		
		430	424	86,400									430	86,400															4.21445412	Sivan					
		431	425	86,400									431	86,400															5.725466426	4th Month					
		432	426	86,400									432	86,400															6.629487441	5th Month					
		433	427	86,400																										7.533508455	Elul				
35	420	433	427	86,400	29.53117783	365.3428571	12787	Inaccurate	35	35	384	1st Civil Year or 36th Civil Year	12 Months	1st Civil Year or 36th Civil Year	55th Monthbatical Year	12 Months	7th Religious Year or 35th Religious Year (55th Monthbatical Year)	35	433	86,400	29.52886836	365.3142857	12786	Inaccurate	7.533508455	Elul									
		434	428	86,400															434	86,400												8.43752947	Ethanim		
		435	429	86,400															435	86,400												9.341550484	Bul		
		436	430	86,400															436	86,400												10.2455715	Chislev		
		437	431	86,400															437	86,400												11.14959251	Tebeth		
		438	432	86,400															438	86,400												12.05361353	Sebat		
		439	433	86,400												439	86,400												12.95763454	Adar					
		440	434	86,400											35	35	354		440	86,400									13.86165556	Abib					
		441	435	86,400											6th Religious Year	12 Months	6th Religious Year		441	86,400										14.76567657	Zif				
		442	436	86,400															442	86,400												15.66969758	Sivan		
		443	437	86,400									443	86,400															16.5737186	4th Month					
		444	438	86,400									444	86,400															17.47773961	5th Month					

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle						CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)					
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate							
36	432	445	439	86,400	29.53258427	365.0555556	13142	Inaccurate	36	36	354	1st Religious Year or 36th Civil Year	12 Months	1st Religious Year or 36th Civil Year	36	445	86,400	29.53033708	365.0277778	13141	Inaccurate	18.38176063	Elul					
		446	440	86,400					2nd Civil Year or 37th Civil Year	13 Months	2nd Civil Year or 37th Civil Year					446	86,400						19.28578164	Ethanim				
		447	441	86,400												447	86,400							20.18980266	Bul			
		448	442	86,400												448	86,400							21.09382367	Chisleb			
		449	443	86,400												449	86,400							21.99784469	Tebeth			
		450	444	86,400												450	86,400							22.9018657	Sebat			
		451	445	86,400											36	36	355		451	86,400					23.80588671	Adar		
		452	446	86,400											2nd Religious Year or 37th Religious Year	13 Months	2nd Religious Year or 37th Religious Year		452	86,400						24.70990773	Abib	
		453	447	86,400														453	86,400								25.61392874	Zif
		454	448	86,400														454	86,400								26.51794976	Sivan
		455	449	86,400														455	86,400								27.42197077	4th Month
		456	450	86,400														456	86,400								28.32599179	5th Month
		457	451	86,400					457	86,400											29.2300128	Elul						
37	444	458	452	86,400	29.53275109	365.5675676	13526	Inaccurate	37	37	384	2nd Religious Year or 37th Religious Year	13 Months	2nd Religious Year or 37th Religious Year				37	458	86,400	29.53056769	365.5405405	13525	Inaccurate	30.13403382	EM 14		
		459	453	86,400					3rd Civil Year or 38th Civil Year	12 Months	3rd Civil Year or 38th Civil Year								459	86,400						1.506701694	Ethanim	
		460	454	86,400												460	86,400							2.410722709	Bul			
		461	455	86,400												461	86,400							3.314743723	Chisleb			
		462	456	86,400												462	86,400							4.218764737	Tebeth			
		463	457	86,400												463	86,400							5.122785752	Sebat			
		464	458	86,400											37	37	383		464	86,400					6.026806766	Adar		
		465	459	86,400											3rd Religious Year or 38th Religious Year	12 Months	3rd Religious Year or 38th Religious Year		465	86,400						6.930827781	Abib	
		466	460	86,400														466	86,400								7.834848795	Zif
		467	461	86,400														467	86,400								8.738869809	Sivan
		468	462	86,400														468	86,400								9.642890824	4th Month
		469	463	86,400					469	86,400											10.54691184	5th Month						
38	456	470	464	86,400	29.52765957	365.2105263	13878	Impossible	38	38	355	3rd Religious Year or 38th Religious Year	12 Months	3rd Religious Year or 38th Religious Year				38	470	86,400	29.52978723	365.2368421	13879	Impossible	11.45093285	Elul		
		471	465	86,400					4th Civil Year or 39th Civil Year	12 Months	4th Civil Year or 39th Civil Year								471	86,400						12.35495387	Ethanim	
		472	466	86,400															472	86,400							13.25897488	Bul
		473	467	86,400												473	86,400							14.1629959	Chisleb			
		474	468	86,400												474	86,400							15.06701691	Tebeth			
		475	469	86,400												475	86,400							15.97103792	Sebat			
		476	470	86,400											38	38	355		476	86,400					16.87505894	Adar		
		477	471	86,400											4th Religious Year or 39th Religious Year	12 Months	4th Religious Year or 39th Religious Year		477	86,400						17.77907995	Abib	
		478	472	86,400														478	86,400								18.68310097	Zif
		479	473	86,400														479	86,400								19.58712198	Sivan
		480	474	86,400														480	86,400								20.491143	4th Month
		481	475	86,400					481	86,400											21.39516401	5th Month						

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)	Natural Religious Luni Solar Cycle (From Canaan)	LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate					
39	468	482	476	86,400	29.53112033	364.974359	14234	Inaccurate	39	39	354	4th Religious Year or 12 Months	4th Religious Year or 12 Months	39	482	86,400	29.52904564	364.9487179	14233	Inaccurate	22.29918503	Elul
		483	477	86,400											483	86,400					23.20320604	Ethanim
		484	478	86,400											484	86,400					24.10722705	Bul
		485	479	86,400											485	86,400					25.01124807	Chislev
		486	480	86,400											486	86,400					25.91526908	Tebeth
		487	481	86,400											487	86,400					26.8192901	Sebat
		488	482	86,400											488	86,400					27.72331111	Adar
		489	483	86,400											489	86,400					28.62733213	Abib
		490	484	86,400											490	86,400					29.53135314	EM 15
		491	485	86,400											491	86,400					0.904021014	Zif
		492	486	86,400											492	86,400					1.808042029	Sivan
		493	487	86,400											493	86,400					2.712063043	4th Month
		494	488	86,400											494	86,400					3.616084058	5th Month
40	480	495	489	86,400	29.53131313	365.45	14618	Inaccurate	40	40	384	5th Religious Year or 13 Months	5th Religious Year or 13 Months	40	495	86,400	29.52929293	365.425	14617	Inaccurate	4.520105072	Elul
		496	490	86,400											496	86,400					5.424126086	Ethanim
		497	491	86,400											497	86,400					6.328147101	Bul
		498	492	86,400											498	86,400					7.232168115	Chislev
		499	493	86,400											499	86,400					8.13618913	Tebeth
		500	494	86,400											500	86,400					9.040210144	Sebat
		501	495	86,400											501	86,400					9.944231158	Adar
		502	496	86,400											502	86,400					10.84825217	Abib
		503	497	86,400											503	86,400					11.75227319	Zif
		504	498	86,400											504	86,400					12.6562942	Sivan
		505	499	86,400											505	86,400					13.56031522	4th Month
		506	500	86,400											506	86,400					14.46433623	5th Month
41	492	507	501	86,400	29.53254438	365.195122	14973	Inaccurate	41	41	354	6th Civil Year or 12 Months	6th Civil Year or 12 Months	41	507	86,400	29.53057199	365.1707317	14972	Inaccurate	15.36835724	Elul
		508	502	86,400											508	86,400					16.27237826	Ethanim
		509	503	86,400											509	86,400					17.17639927	Bul
		510	504	86,400											510	86,400					18.08042029	Chislev
		511	505	86,400											511	86,400					18.9844413	Tebeth
		512	506	86,400											512	86,400					19.88846232	Sebat
		513	507	86,400											513	86,400					20.79248333	Adar
		514	508	86,400											514	86,400					21.69650435	Abib
		515	509	86,400											515	86,400					22.60052536	Zif
		516	510	86,400											516	86,400					23.50454637	Sivan
		517	511	86,400											517	86,400					24.40856739	4th Month
		518	512	86,400											518	86,400					25.3125884	5th Month

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)												
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate														
42	504	519	513	86,400	29.53179191	364.9285714	15327	Inaccurate	42	42	355	1st Civil Year or 43rd Civil Year	13 Months	1st Civil Year or 43rd Civil Year	55th Monthbath	13 Months	7th Religious Year or 42nd Monthbath	42	519	86,400	29.52986513	364.9047619	15326	Inaccurate	26.21660942	Elul								
		520	514	86,400																					520	86,400				27.12063043	Ethanim			
		521	515	86,400																					521	86,400				28.02465145	Bul			
		522	516	86,400																					522	86,400				28.92867246	Chislev			
		523	517	86,400																					523	86,400				29.83269348	EM 16			
		524	518	86,400																					524	86,400				1.205361354	Tebeth			
		525	519	86,400																					525	86,400				2.640735504	Sebat			
		526	520	86,400														42	42	384					526	86,400				3.013403383	Adar			
		527	521	86,400														1st Religious Year or 43rd Religious Year	12 Months	1st Religious Year or 43rd Religious Year					527	86,400				3.917424398	Abib			
		528	522	86,400																								528	86,400				4.21445412	Zif
		529	523	86,400																		529	86,400				5.725466426	Sivan						
		530	524	86,400																		530	86,400				6.629487441	4th Month						
		531	525	86,400																		531	86,400				7.533508455	5th Month						
43	516	532	526	86,400	29.53195489	365.372093	15711	Inaccurate	43	43	384	2nd Civil Year or 44th Civil Year	12 Months	2nd Civil Year or 44th Civil Year	1st Religious Year or 43rd Religious Year	12 Months	1st Religious Year or 44th Religious Year				43	532	86,400	29.53007519	365.3488372	15710	Inaccurate	8.43752947	Elul					
		533	527	86,400																								533	86,400				9.341550484	Ethanim
		534	528	86,400																								534	86,400				10.2455715	Bul
		535	529	86,400																								535	86,400				11.14959251	Chislev
		536	530	86,400																								536	86,400				12.05361353	Tebeth
		537	531	86,400																					537	86,400				12.95763454	Sebat			
		538	532	86,400														43	43	355					538	86,400				13.86165556	Adar			
		539	533	86,400														2nd Religious Year or 44th Religious Year	12 Months	2nd Religious Year or 44th Religious Year					539	86,400				14.76567657	Abib			
		540	534	86,400																								540	86,400				15.66969758	Zif
		541	535	86,400																								541	86,400				16.5737186	Sivan
		542	536	86,400																		542	86,400				17.47773961	4th Month						
		543	537	86,400																		543	86,400				18.38176063	5th Month						
44	528	544	538	86,400	29.52941176	365.0909091	16064	Inaccurate	44	44	354	3rd Civil Year or 45th Civil Year	13 Months	3rd Civil Year or 45th Civil Year	2nd Religious Year or 44th Religious Year	12 Months	2nd Religious Year or 44th Religious Year				44	544	86,400	29.53125	365.1136364	16065	Inaccurate	19.28578164	Elul					
		545	539	86,400																								545	86,400				20.18980266	Ethanim
		546	540	86,400																								546	86,400				21.09382367	Bul
		547	541	86,400																								547	86,400				21.99784469	Chislev
		548	542	86,400																								548	86,400				22.9018657	Tebeth
		549	543	86,400																					549	86,400				23.80588671	Sebat			
		550	544	86,400																					550	86,400				24.70990773	Adar			
		551	545	86,400														44	44	354					551	86,400				25.61392874	Abib			
		552	546	86,400														3rd Religious Year	15	3rd Religious Year					552	86,400				26.51794976	Zif			
		553	547	86,400																								553	86,400				27.42197077	Sivan
		554	548	86,400																		554	86,400				28.32599179	4th Month						
		555	549	86,400															555	86,400				29.2300128	5th Month									

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)						
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate								
		556	550	86,400											556	86,400						30.13403382	EM 17					
45	540	557	551	86,400	29.53141831	365.5333333	16449	Inaccurate	45	45	384	3rd Religious Year or 45th Religious Year	13 Months	3rd Religious Year or 45th Religious Year	45	557	86,400	29.52962298	365.5111111	16448	Inaccurate	1.506701694	Elul					
		558	552	86,400					4th Civil Year or 46th Civil Year	12 Months	4th Civil Year or 46th Civil Year					558	86,400							2.410722709	Ethanim			
		559	553	86,400												559	86,400									3.314743723	Bul	
		560	554	86,400									560	86,400									4.218764737	Chislev				
		561	555	86,400									561	86,400									5.122785752	Tebeth				
		562	556	86,400									562	86,400									6.026806766	Sebat				
		563	557	86,400								45	45	384		563	86,400							6.930827781	Adar			
		564	558	86,400								4th Religious Year or 46th Religious Year	12 Months	4th Religious Year or 46th Religious Year		564	86,400								7.834848795	Abib		
		565	559	86,400												565	86,400										8.738869809	Zif
		566	560	86,400												566	86,400										9.642890824	Sivan
		567	561	86,400												567	86,400										10.54691184	4th Month
		568	562	86,400												568	86,400										11.45093285	5th Month
46	522	569	563	86,400	29.53075571	365.2826087	16803	Inaccurate	46	46	354				46	569	86,400	29.52899824	365.2608696	16802	Inaccurate	12.35495387	Elul					
		570	564	86,400					5th Civil Year or 47th Civil Year	12 Months	5th Civil Year or 47th Civil Year					570	86,400								13.25897488	Ethanim		
		571	565	86,400												571	86,400										14.1629959	Bul
		572	566	86,400												572	86,400										15.06701691	Chislev
		573	567	86,400												573	86,400										15.97103792	Tebeth
		574	568	86,400												574	86,400										16.87505894	Sebat
		575	569	86,400								46	46	354		575	86,400							17.77907995	Adar			
		576	570	86,400								5th Religious Year or 47th Religious Year	13 Months	5th Religious Year or 47th Religious Year		576	86,400								18.68310097	Abib		
		577	571	86,400												577	86,400										19.58712198	Zif
		578	572	86,400												578	86,400										20.491143	Sivan
		579	573	86,400												579	86,400										21.39516401	4th Month
		580	574	86,400												580	86,400										22.29918503	5th Month
47	564	581	575	86,400	29.53012048	365.0425532	17157	Inaccurate	47	47	355				47	581	86,400	29.53184165	365.0638298	17158	Inaccurate	23.20320604	Elul					
		582	576	86,400					6th Civil Year or 48th Civil Year	13 Months	6th Civil Year or 48th Civil Year					582	86,400								24.10722705	Ethanim		
		583	577	86,400												583	86,400										25.01124807	Bul
		584	578	86,400												584	86,400										25.91526908	Chislev
		585	579	86,400												585	86,400										26.8192901	Tebeth
		586	580	86,400												586	86,400										27.72331111	Sebat
		587	581	86,400									587	86,400										28.62733213	Adar			
		588	582	86,400								47	47	384		588	86,400							29.53135314	EM 18			
		589	583	86,400								Religious Year	Religious Year	Religious Year		589	86,400								-	Abib		
		590	584	86,400												590	86,400										-	Zif
		591	585	86,400												591	86,400										-	Sivan
		592	586	86,400												592	86,400										-	4th Month

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)			
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate					
		593	587	86,400											593	86,400						-	5th Month		
48	576	594	588	86,400	29.53198653	365.4583333	17542	Inaccurate	48	48	383	6th Religious Year or 48th	12 Months	6th Religious Year or 48th	48	594	86,400	29.53030303	365.4375	17541	Inaccurate	-	Elul		
		595	589	86,400					7th Year	12 Months	7th Civil Year or 49th Civil Year (Not 55th Monthlatical Year)					595	86,400							-	Ethanim
		596	590	86,400												596	86,400					-	Bul		
		597	591	86,400												597	86,400					-	Chislev		
		598	592	86,400												598	86,400					-	Tebeth		
		599	593	86,400												599	86,400					-	Sebat		
		600	594	86,400											48	600	86,400					-	Adar		
		601	595	86,400											48	601	86,400					-	Abib		
		602	596	86,400											48	602	86,400					-	Zif		
		603	597	86,400											48	603	86,400					-	Sivan		
		604	598	86,400											48	604	86,400					-	4th Month		
		605	599	86,400					48	605	86,400					-	5th Month								
49	588	606	600	86,400	29.53135314	365.2244898	17,896	Accurate	49	49	355	7th 55th Monthlatical Year Jubilee Year = 49th Yom Kippur = Leviticus 25:8-9; 23:26-32. Every Yom Kippur is not the Jubilee Year. A 5th Religious Year = 7th Sabbatical Year = 12 Months = Jubilee Year = 1 Day/48th Yom Kippur	49	606	86,400	29.5330033	365.244898	17897	Inaccurate	-	Elul				
		607	601	86,400					1st Civil Year or 50th Civil Year	12 Months	50th (Civil) Year = 49th Yom Kippur!!!			607	86,400					0.904021014	Ethanim				
		608	602	86,400										608	86,400					1.808042029	Bul				
		609	603	86,400										609	86,400					2.712063043	Chislev				
		610	604	86,400										610	86,400					3.616084058	Tebeth				
		611	605	86,400										611	86,400					4.520105072	Sebat				
Leviticus 25:8		612	606	86,400	29.53135314	365.2244898	17,896	Accurate					49	612	86,400	Religious Cycle began from Canaan				5.424126086	Adar				
		613	607	86,400										613	86,400					6.328147101	Abib				
		614	608	86,400										614	86,400					7.232168115	Zif				
		615	609	86,400										615	86,400					8.13618913	Sivan				
		616	610	86,400										616	86,400					9.040210144	4th Month				
		617	611	86,400						617	86,400					9.944231158	5th Month								
50	600	618	612	86,400	29.53074434	365	18250	Inaccurate	50 or 1	1	354	1st Religious Year or 8th Religious Year	12 Months = 8th Year	1st Religious Year	50	618	86,400	29.53236246	365.02	18251	Inaccurate	10.84825217	Elul		
		619	613	86,400					2nd Civil Year	12 Months	2nd Civil Year					619	86,400					11.75227319	Ethanim		
		620	614	86,400												620	86,400					12.6562942	Bul		
		621	615	86,400												621	86,400					13.56031522	Chislev		
		622	616	86,400												622	86,400					14.46433623	Tebeth		
		623	617	86,400												623	86,400					15.36835724	Sebat		
		624	618	86,400											1	624	86,400					16.27237826	Adar		
		625	619	86,400												625	86,400					17.17639927	Abib		
		626	620	86,400												626	86,400					18.08042029	Zif		
		627	621	86,400												627	86,400					18.9844413	Sivan		
		628	622	86,400												628	86,400					19.88846232	4th Month		
		629	623	86,400						629	86,400					20.79248333	5th Month								

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)					
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate							
51	612	630	624	86,400	29.53174603	364.8039216	18605	Inaccurate	2	2	355	2nd Religious Year	12 Months =	2nd Religious Year	51	630	86,400	29.53015873	364.7843137	18604	Inaccurate	21.69650435	Elul			
		631	625	86,400					3rd Civil Year	13 Months	3rd Civil Year					631	86,400					22.60052536	Ethanim			
		632	626	86,400												632	86,400						23.50454637	Bul		
		633	627	86,400												633	86,400						24.40856739	Chislev		
		634	628	86,400												634	86,400						25.3125884	Tebeth		
		635	629	86,400												635	86,400						26.21660942	Sebat		
		636	630	86,400											2	2	355		636	86,400				27.12063043	Adar	
		637	631	86,400					3rd Religious Year	13 Months	3rd Religious Year		637	86,400					28.02465145	Abib						
		638	632	86,400									638	86,400						28.92867246	Zif					
		639	633	86,400									639	86,400						29.83269348	EM 1					
		640	634	86,400									640	86,400						1.205361354	Sivan					
		641	635	86,400									641	86,400						2.640735504	4th Month					
		642	636	86,400									642	86,400						3.013403383	5th Month					
52	624	643	637	86,400	29.53032659	365.1538462	18988	Inaccurate				3	3	384	3rd Religious Year	13 Months	3rd Religious Year	52	643	86,400	29.5318818	365.1730769	18989	Inaccurate	3.917424398	Elul
		644	638	86,400					4th Civil Year	12 Months	4th Civil Year		644	86,400								4.21445412	Ethanim			
		645	639	86,400									645	86,400									5.725466426	Bul		
		646	640	86,400									646	86,400									6.629487441	Chislev		
		647	641	86,400									647	86,400									7.533508455	Tebeth		
		648	642	86,400									648	86,400									8.43752947	Sebat		
		649	643	86,400								3	3	384					649	86,400				9.341550484	Adar	
		650	644	86,400					4th Religious Year	12 Months	4th Religious Year		650	86,400					10.2455715	Abib						
		651	645	86,400									651	86,400						11.14959251	Zif					
		652	646	86,400									652	86,400						12.05361353	Sivan					
		653	647	86,400									653	86,400						12.95763454	4th Month					
		654	648	86,400									654	86,400						13.86165556	5th Month					
53	636	655	649	86,400	29.52977099	364.9433962	19342	Inaccurate				4	4	354	4th Religious Year	12 Months	4th Religious Year	53	655	86,400	29.53129771	364.9622642	19343	Inaccurate	14.76567657	Elul
		656	650	86,400								5th Civil Year	12 Months	5th Civil Year					656	86,400					15.66969758	Ethanim
		657	651	86,400						657	86,400												16.5737186	Bul		
		658	652	86,400						658	86,400												17.47773961	Chislev		
		659	653	86,400						659	86,400												18.38176063	Tebeth		
		660	654	86,400						660	86,400												19.28578164	Sebat		
		661	655	86,400					4	4	354								661	86,400				20.18980266	Adar	
		662	656	86,400					ious Year	s	ious Year		662	86,400					21.09382367	Abib						
		663	657	86,400									663	86,400						21.99784469	Zif					
		664	658	86,400									664	86,400						22.9018657	Sivan					
		665	659	86,400									665	86,400						23.80588671	4th Month					
		666	660	86,400									666	86,400				24.70990773	5th Month							

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)											
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate										
54	648	667	661	86,400	29.53073463	364.7592593	19697	Inaccurate	5	5	354	5th Relig	13 Months	5th Relig	54	667	86,400	29.53223388	364.7777778	19698	Inaccurate	25.61392874	Elul										
		668	662	86,400					6th Civil Year	13 Months	6th Civil Year					668	86,400							26.51794976	Ethanim								
		669	663	86,400												669	86,400									27.42197077	Bul						
		670	664	86,400												670	86,400									28.32599179	Kislev						
		671	665	86,400												671	86,400									29.2300128	Tebeth						
		672	666	86,400												672	86,400									30.13403382	EM 2						
		673	667	86,400												673	86,400									1.506701694	Sebat						
		674	668	86,400												5	5	384		674	86,400					2.410722709	Adar						
		675	669	86,400														6th Religious Year	12 Months	6th Religious Year		675	86,400					3.314743723	Abib				
		676	670	86,400																		676	86,400						4.218764737	Zif			
		677	671	86,400												677	86,400									5.122785752	Sivan						
		678	672	86,400									678	86,400									6.026806766	4th Month									
		679	673	86,400									679	86,400									6.930827781	5th Month									
55	660	680	674	86,400	29.52941176	365.0909091	20080	Inaccurate	6	6	384	55	680	86,400	29.53088235	365.1090909	20081				Inaccurate	7.834848795	Elul										
		681	675	86,400					7th Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year (Nor 55th Monthbatical Year)												681	86,400					8.738869809	Ethanim			
		682	676	86,400																			682	86,400							9.642890824	Bul	
		683	677	86,400																			683	86,400							10.54691184	Chislev	
		684	678	86,400																			684	86,400							11.45093285	Tebeth	
		685	679	86,400															685	86,400								12.35495387	Sebat				
		686	680	86,400															6	6		354		686	86,400					13.25897488	Adar		
		687	681	86,400																		55th Monthbatical Year	12 Months	7th Religious Year (55th Monthbatical Year)		687	86,400					14.1629959	Abib
		688	682	86,400																						688	86,400					15.06701691	Zif
		689	683	86,400																						689	86,400					15.97103792	Sivan
		690	684	86,400												690	86,400								16.87505894	4th Month							
		691	685	86,400									691	86,400					17.77907995	5th Month													
56	672	692	686	86,400	29.53034682	364.9107143	20435	Inaccurate	7	7	355	56	692	86,400	29.53179191	364.9285714	20436	Inaccurate	18.68310097	Elul													
		693	687	86,400					1st Civil Year or 8th Civil Year	13 Months	1st Civil Year or 8th Civil Year									693	86,400					19.58712198	Ethanim						
		694	688	86,400																		694	86,400					20.491143	Bul				
		695	689	86,400																		695	86,400					21.39516401	Chislev				
		696	690	86,400																		696	86,400					22.29918503	Tebeth				
		697	691	86,400																		697	86,400					23.20320604	Sebat				
		698	692	86,400																		7	7	355		698	86,400				24.10722705	Adar	
		699	693	86,400																						699	86,400				25.01124807	Abib	
		700	694	86,400																						700	86,400				25.91526908	Zif	
		701	695	86,400																						701	86,400				26.8192901	Sivan	
		702	696	86,400															702	86,400				27.72331111	4th Month								
		703	697	86,400												703	86,400				28.62733213	5th Month											

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)							
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate							
		704	698	86,400												704	86,400					29.53135314	EM 3					
57	684	705	699	86,400	29.53049645	365.245614	20819	Inaccurate	8	8	383	1st Religious Year or 8th	13 Months	1st Religious Year or 8th	57	705	86,400	29.52907801	365.2280702	20818	Inaccurate	0.904021014	Elul					
		706	700	86,400				2nd Civil Year or 9th Civil Year	12 Months	2nd Civil Year or 9th Civil Year					706	86,400					1.808042029	Ethanim						
		707	701	86,400														707	86,400					2.712063043	Bul			
		708	702	86,400														708	86,400					3.616084058	Chislev			
		709	703	86,400														709	86,400					4.520105072	Tebeth			
		710	704	86,400														710	86,400					5.424126086	Sebat			
		711	705	86,400													8	8	384		711	86,400					6.328147101	Adar
		712	706	86,400													2nd Religious Year or 9th Religious Year	12 Months	2nd Religious Year or 9th Religious Year		712	86,400					7.232168115	Abib
		713	707	86,400																	713	86,400					8.13618913	Zif
		714	708	86,400																	714	86,400					9.040210144	Sivan
		715	709	86,400																	715	86,400					9.944231158	4th Month
		716	710	86,400											716	86,400								10.84825217	5th Month			
58	696	717	711	86,400	29.53138075	365.0689655	21174	Inaccurate	9	9	355	58	717	86,400	29.53277545	365.0862069				21175	Inaccurate	11.75227319	Elul					
		718	712	86,400					3rd Civil Year or 10th Civil Year	12 Months	3rd Civil Year or 10th Civil Year		718	86,400								12.6562942	Ethanim					
		719	713	86,400											719	86,400								13.56031522	Bul			
		720	714	86,400											720	86,400								14.46433623	Chislev			
		721	715	86,400											721	86,400								15.36835724	Tebeth			
		722	716	86,400											722	86,400								16.27237826	Sebat			
		723	717	86,400									9	9	354		723	86,400					17.17639927	Adar				
		724	718	86,400									3rd Religious Year or 10th Religious Year	12 Months	3rd Religious Year or 10th Religious Year		724	86,400					18.08042029	Abib				
		725	719	86,400														725	86,400					18.9844413	Zif			
		726	720	86,400														726	86,400					19.88846232	Sivan			
		727	721	86,400														727	86,400					20.79248333	4th Month			
		728	722	86,400														728	86,400					21.69650435	5th Month			
59	708	729	723	86,400	29.52949246	364.8644068	21527	Inaccurate	10	10	354	59				729	86,400	29.5308642	364.8813559	21528	Inaccurate	22.60052536	Elul					
		730	724	86,400					4th Civil Year or 11th Civil Year	13 Months	4th Civil Year or 11th Civil Year					730	86,400					23.50454637	Ethanim					
		731	725	86,400														731	86,400					24.40856739	Bul			
		732	726	86,400														732	86,400					25.3125884	Chislev			
		733	727	86,400														733	86,400					26.21660942	Tebeth			
		734	728	86,400														734	86,400					27.12063043	Sebat			
		735	729	86,400									10	10	354		735	86,400					28.02465145	Adar				
		736	730	86,400									4th Religious Year	15 Months	4th Religious Year		736	86,400					28.92867246	Abib				
		737	731	86,400														737	86,400					29.83269348	EM 4			
		738	732	86,400														738	86,400					1.205361354	Zif			
		739	733	86,400														739	86,400					2.640735504	Sivan			
		740	734	86,400														740	86,400					3.013403383	4th Month			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

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CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)						
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate							
		741	735	86,400												741	86,400						3.917424398	5th Month				
60	720	742	736	86,400	29.5309973	365.2	21912	Inaccurate	11	11	384	4th Religious Year or 11 13 Months 4th Religious Year or 11 13 Months	11 11 384	60	742	86,400	29.53234501	365.2166667	21913	Inaccurate		4.21445412	Elul					
		743	737	86,400				5th Civil Year or 12th Civil Year	12 Months	5th Civil Year or 12th Civil Year				743	86,400								5.725466426	Ethanim				
		744	738	86,400													744	86,400							6.629487441	Bul		
		745	739	86,400													745	86,400							7.533508455	Chislev		
		746	740	86,400													746	86,400							8.43752947	Tebeth		
		747	741	86,400													747	86,400							9.341550484	Sebat		
		748	742	86,400													11	11	384	748	86,400						10.2455715	Adar
		749	743	86,400													5th Religious Year or 12th Religious Year 5th Religious Year or 12th Religious Year	12 Months		749	86,400						11.14959251	Abib
		750	744	86,400															750	86,400							12.05361353	Zif
		751	745	86,400															751	86,400							12.95763454	Sivan
		752	746	86,400															752	86,400							13.86165556	4th Month
		753	747	86,400															753	86,400							14.76567657	5th Month
61	732	754	748	86,400	29.53183024	365.0327869	22267				Inaccurate			12	12	355			6th Civil Year or 13th Civil Year 6th Civil Year or 13th Civil Year	12 Months	61	754	86,400	29.53050398	365.0163934	22266	Inaccurate	
		755	749	86,400								5th Religious Year or 12th Religious Year 5th Religious Year or 12th Religious Year	12 Months		755	86,400										16.5737186	Ethanim	
		756	750	86,400										756	86,400											17.47773961	Bul	
		757	751	86,400										757	86,400											18.38176063	Chislev	
		758	752	86,400										758	86,400											19.28578164	Tebeth	
		759	753	86,400										759	86,400											20.18980266	Sebat	
		760	754	86,400										12	12	355					760	86,400						21.09382367
		761	755	86,400										6th Religious Year or 13th Religious Year 6th Religious Year or 13th Religious Year	13 Months		761	86,400								21.99784469	Abib	
		762	756	86,400												762	86,400									22.9018657	Zif	
		763	757	86,400												763	86,400									23.80588671	Sivan	
		764	758	86,400												764	86,400									24.70990773	4th Month	
		765	759	86,400												765	86,400									25.61392874	5th Month	
62	744	766	760	86,400	29.53002611	364.8387097	22620	Inaccurate	13	13	354					7th Civil Year or 14th Civil Year (Not 55th Monthbatical Year) 7th Civil Year (Not 55th Monthbatical Year)	13 Months	62	766	86,400	29.53133159	364.8548387	22621	Inaccurate		26.51794976	Elul	
		767	761	86,400								6th Religious Year or 13th Religious Year 6th Religious Year (55th Year) 6th Religious Year (55th Year)	13 Months						767	86,400						27.42197077	Ethanim	
		768	762	86,400														768	86,400							28.32599179	Bul	
		769	763	86,400														769	86,400							29.2300128	Kislev	
		770	764	86,400														770	86,400							30.13403382	EM 5	
		771	765	86,400														771	86,400							1.506701694	Tebeth	
		772	766	86,400														772	86,400							2.410722709	Sebat	
		773	767	86,400										13	13			384	773	86,400						3.314743723	Adar	
		774	768	86,400										Year	55th Religious Year (55th Year)				774	86,400						4.218764737	Abib	
		775	769	86,400														775	86,400							5.122785752	Zif	
		776	770	86,400														776	86,400							6.026806766	Sivan	
		777	771	86,400														777	86,400							6.930827781	4th Month	

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

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CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)					
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate				
		778	772	86,400													778	86,400					7.834848795	5th Month			
63	756	779	773	86,400	29.53145058	365.1587302	23005	Inaccurate	14	14	384	55th Monthbatical	12 Months	7th Religious Year or 14th Religious Year or 14th Religious Year	63	779	86,400	29.53016688	365.1428571	23004	Inaccurate	8.738869809	Elul				
		780	774	86,400					1st Civil Year or 15th Civil Year	12 Months	1st Civil Year or 15th Civil Year					780	86,400						9.642890824	Ethanim			
		781	775	86,400												781	86,400							10.54691184	Bul		
		782	776	86,400												782	86,400							11.45093285	Chislev		
		783	777	86,400												783	86,400							12.35495387	Tebeth		
		784	778	86,400												784	86,400							13.25897488	Sebat		
		785	779	86,400											14	14	354		785	86,400					14.1629959	Adar	
		786	780	86,400											1st Religious Year or 15th Religious Year	12 Months	1st Religious Year or 15th Religious Year		786	86,400					15.06701691	Abib	
		787	781	86,400															787	86,400						15.97103792	Zif
		788	782	86,400															788	86,400						16.87505894	Sivan
		789	783	86,400															789	86,400						17.77907995	4th Month
		790	784	86,400									790	86,400									18.68310097	5th Month			
64	768	791	785	86,400	29.52970923	364.96875	23358	Inaccurate	15	15	354	64	791	86,400				29.53097345	364.984375	23359	Inaccurate	19.58712198	Elul				
		792	786	86,400					2nd Civil Year or 16th Civil Year	13 Months	2nd Civil Year or 16th Civil Year		792	86,400								20.491143	Ethanim				
		793	787	86,400									793	86,400									21.39516401	Bul			
		794	788	86,400									794	86,400									22.29918503	Chislev			
		795	789	86,400									795	86,400									23.20320604	Tebeth			
		796	790	86,400									796	86,400									24.10722705	Sebat			
		797	791	86,400								15	15	354		797	86,400				25.01124807	Adar					
		798	792	86,400								2nd Religious Year or 16th Religious Year	13 Months	2nd Religious Year or 16th Religious Year		798	86,400					25.91526908	Abib				
		799	793	86,400												799	86,400						26.8192901	Zif			
		800	794	86,400												800	86,400						27.72331111	Sivan			
		801	795	86,400												801	86,400						28.62733213	4th Month			
		802	796	86,400												802	86,400						29.53135314	EM 6			
		803	797	86,400						803	86,400									0.904021014	5th Month						
65	780	804	798	86,400	29.52985075	365.2615385	23742	Inaccurate	16	16	384				65	804	86,400	29.53109453	365.2769231	23743	Inaccurate	1.808042029	Elul				
		805	799	86,400					3rd Civil Year or 17th Civil Year	12 Months	3rd Civil Year or 17th Civil Year					805	86,400					2.712063043	Ethanim				
		806	800	86,400												806	86,400						3.616084058	Bul			
		807	801	86,400												807	86,400						4.520105072	Chislev			
		808	802	86,400												808	86,400						5.424126086	Tebeth			
		809	803	86,400									809	86,400						6.328147101	Sebat						
		810	804	86,400								16	16	384		810	86,400				7.232168115	Adar					
		811	805	86,400								Religious Year	Religious Year	Religious Year		811	86,400					8.13618913	Abib				
		812	806	86,400												812	86,400						9.040210144	Zif			
		813	807	86,400												813	86,400						9.944231158	Sivan			
		814	808	86,400												814	86,400						10.84825217	4th Month			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)									
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate								
		815	809	86,400												815	86,400						11.75227319	5th Month							
66	792	816	810	86,400	29.52941176	365.0909091	24096	Inaccurate	17	17	354	3rd Religious Year or 17th	12 Months	3rd Religious Year or 17th	66	816	86,400	29.53063725	365.1060606	24097	Inaccurate	12.6562942	Elul								
		817	811	86,400					4th Civil Year or 18th Civil Year	12 Months	4th Civil Year or 18th Civil Year					817	86,400							13.56031522	Ethanim						
		818	812	86,400												818	86,400									14.46433623	Bul				
		819	813	86,400												819	86,400									15.36835724	Chislev				
		820	814	86,400												820	86,400									16.27237826	Tebeth				
		821	815	86,400												821	86,400									17.17639927	Sebat				
		822	816	86,400												17	17	355	822	86,400							18.08042029	Adar			
		823	817	86,400												4th Religious Year or 18th Religious Year	13 Months	4th Religious Year or 18th Religious Year		823	86,400							18.9844413	Abib		
		824	818	86,400															824	86,400										19.88846232	Zif
		825	819	86,400															825	86,400										20.79248333	Sivan
		826	820	86,400															826	86,400										21.69650435	4th Month
		827	821	86,400						827	86,400													22.60052536	5th Month						
67	804	828	822	86,400	29.53019324	364.9402985	24451	Inaccurate	18	18	355	67	828	86,400	29.53140097				364.9552239	24452	Inaccurate	23.50454637	Elul								
		829	823	86,400					5th Civil Year or 19th Civil Year	13 Months	5th Civil Year or 19th Civil Year		829	86,400												24.40856739	Ethanim				
		830	824	86,400									830	86,400														25.3125884	Bul		
		831	825	86,400									831	86,400														26.21660942	Chislev		
		832	826	86,400									832	86,400														27.12063043	Tebeth		
		833	827	86,400									833	86,400											28.02465145	Sebat					
		834	828	86,400									834	86,400											28.92867246	Adar					
		835	829	86,400									18	18	384	835	86,400									29.83269348	EM 7				
		836	830	86,400									5th Religious Year or 19th Religious Year	12 Months	5th Religious Year or 19th Religious Year		836	86,400									1.205361354	Abib			
		837	831	86,400												837	86,400												2.640735504	Zif	
		838	832	86,400												838	86,400												3.013403383	Sivan	
		839	833	86,400						839	86,400															3.917424398	4th Month				
		840	834	86,400						840	86,400															4.21445412	5th Month				
68	816	841	835	86,400	29.53032105	365.2205882	24835	Inaccurate	19	19	384	68				841	86,400	29.53151011	365.2352941	24836	Inaccurate	5.725466426	Elul								
		842	836	86,400					6th Civil Year or 20th Civil Year	12 Months	6th Civil Year or 20th Civil Year					842	86,400											6.629487441	Ethanim		
		843	837	86,400												843	86,400													7.533508455	Bul
		844	838	86,400												844	86,400													8.43752947	Chislev
		845	839	86,400												845	86,400													9.341550484	Tebeth
		846	840	86,400									846	86,400													10.2455715	Sebat			
		847	841	86,400									19	19	354	847	86,400											11.14959251	Adar		
		848	842	86,400									Religious Year	Religious Year		848	86,400											12.05361353	Abib		
		849	843	86,400											849	86,400													12.95763454	Zif	
		850	844	86,400											850	86,400													13.86165556	Sivan	
		851	845	86,400											851	86,400													14.76567657	4th Month	

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)									
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate								
		852	846	86,400														852	86,400					15.66969758	5th Month						
69	828	853	847	86,400	29.52989449	365.057971	25189	Inaccurate	20	20	354	6th Religious Year or 20th Monthbatical Year	12 Months	6th Religious Year or 20th Monthbatical Year	69	853	86,400	29.53106682	365.0724638	25190	Inaccurate	16.5737186	Elul								
		854	848	86,400					7th Civil Year or 21st Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year or 21st Civil Year (Not 55th Monthbatical Year)					854	86,400							17.47773961	Ethaninim						
		855	849	86,400														855	86,400							18.38176063	Bul				
		856	850	86,400														856	86,400							19.28578164	Chislev				
		857	851	86,400														857	86,400							20.18980266	Tebeth				
		858	852	86,400														858	86,400							21.09382367	Sebat				
		859	853	86,400														20	20	354		859	86,400						21.99784469	Adar	
		860	854	86,400														55th Monthbatical Year	13 Months	7th Religious Year or 21st Religious Year (55th Monthbatical Year)		860	86,400						22.9018657	Abib	
		861	855	86,400																		861	86,400							23.80588671	Zif
		862	856	86,400																		862	86,400							24.70990773	Sivan
		863	857	86,400									863	86,400										25.61392874	4th Month						
		864	858	86,400									864	86,400										26.51794976	5th Month						
70	840	865	859	86,400	29.52947977	364.9	25543	Inaccurate	21	21	354		70	865	86,400	29.53063584	364.9142857				25544	Inaccurate	27.42197077	Elul							
		866	860	86,400								1st Civil Year or 22nd Civil Year	13 Months	1st Civil Year or 22nd Civil Year		866	86,400									28.32599179	Ethaninim				
		867	861	86,400												867	86,400										29.2300128	Bul			
		868	862	86,400												868	86,400										30.13403382	EM 8			
		869	863	86,400												869	86,400							1.506701694	Kislev						
		870	864	86,400												870	86,400							2.410722709	Tebeth						
		871	865	86,400												871	86,400							3.314743723	Sebat						
		872	866	86,400											21	21	384		872	86,400						4.218764737	Adar				
		873	867	86,400											1st Religious Year or 22nd Religious Year	12 Months	1st Religious Year or 22nd Religious Year		873	86,400						5.122785752	Abib				
		874	868	86,400															874	86,400							6.026806766	Zif			
		875	869	86,400															875	86,400							6.930827781	Sivan			
		876	870	86,400									876	86,400										7.834848795	4th Month						
		877	871	86,400									877	86,400										8.738869809	5th Month						
71	852	878	872	86,400	29.53075171	365.1690141	25927	Inaccurate	22	22	384		71	878				86,400	29.53075171	365.1830986	25928	Inaccurate	9.642890824	Elul							
		879	873	86,400								2nd Civil Year or 23rd Civil Year	12 Months	2nd Civil Year or 23rd Civil Year					879	86,400						10.54691184	Ethaninim				
		880	874	86,400															880	86,400							11.45093285	Bul			
		881	875	86,400															881	86,400							12.35495387	Chislev			
		882	876	86,400															882	86,400							13.25897488	Tebeth			
		883	877	86,400												883	86,400							14.1629959	Sebat						
		884	878	86,400											22	22	355		884	86,400						15.06701691	Adar				
		885	879	86,400											Religious Year	12 Months	Religious Year		885	86,400						15.97103792	Abib				
		886	880	86,400															886	86,400							16.87505894	Zif			
		887	881	86,400															887	86,400							17.77907995	Sivan			
		888	882	86,400															888	86,400							18.68310097	4th Month			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)					
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate							
		889	883	86,400												889	86,400					19.58712198	5th Month				
72	864	890	884	86,400	29.53033708	365.0277778	26282	Inaccurate	23	23	355	2nd Religious Year or 23rd	12 Months	2nd Religious Year or 23rd	72	890	86,400	29.53146067	365.0416667	26283	Inaccurate	20.491143	Elul				
		891	885	86,400					3rd Civil Year or 24th Civil Year	13 Months	3rd Civil Year or 24th Civil Year					891	86,400							21.39516401	Ethanim		
		892	886	86,400												892	86,400									22.29918503	Bul
		893	887	86,400												893	86,400									23.20320604	Chislev
		894	888	86,400												894	86,400									24.10722705	Tebeth
		895	889	86,400												895	86,400									25.01124807	Sebat
		896	890	86,400												896	86,400									25.91526908	Adar
		897	891	86,400												897	86,400									26.8192901	Abib
		898	892	86,400												898	86,400									27.72331111	Zif
		899	893	86,400												899	86,400									28.62733213	Sivan
		900	894	86,400									900	86,400									29.53135314	EM 9			
		901	895	86,400						901	86,400									0.904021014	4th Month						
		902	896	86,400						902	86,400									1.808042029	5th Month						
73	876	903	897	86,400	29.53045404	365.2876712	26666	Inaccurate	24	24	384	3rd Religious Year or 24th Religious Year	13 Months	3rd Religious Year or 24th Religious Year	73	903	86,400	29.53156146	365.3013699	26667	Inaccurate	2.712063043	Elul				
		904	898	86,400						904	86,400												3.616084058	Ethanim			
		905	899	86,400						905	86,400												4.520105072	Bul			
		906	900	86,400						906	86,400												5.424126086	Chislev			
		907	901	86,400						907	86,400												6.328147101	Tebeth			
		908	902	86,400						908	86,400												7.232168115	Sebat			
		909	903	86,400						909	86,400												8.13618913	Adar			
		910	904	86,400						910	86,400												9.040210144	Abib			
		911	905	86,400						911	86,400												9.944231158	Zif			
		912	906	86,400						912	86,400												10.84825217	Sivan			
		913	907	86,400						913	86,400									11.75227319	4th Month						
		914	908	86,400						914	86,400									12.6562942	5th Month						
74	888	915	909	86,400	29.53005464	365.1351351	27020	Inaccurate	25	25	354	4th Religious Year or 25th Religious Year	12 Months	4th Religious Year or 25th Religious Year	74	915	86,400	29.53114754	365.1486486	27021	Inaccurate	13.56031522	Elul				
		916	910	86,400					5th Civil Year or 26th Civil Year	12 Months	5th Civil Year or 26th Civil Year					916	86,400							14.46433623	Ethanim		
		917	911	86,400												917	86,400									15.36835724	Bul
		918	912	86,400												918	86,400									16.27237826	Chislev
		919	913	86,400												919	86,400									17.17639927	Tebeth
		920	914	86,400												920	86,400									18.08042029	Sebat
		921	915	86,400												921	86,400									18.9844413	Adar
		922	916	86,400												922	86,400									19.88846232	Abib
		923	917	86,400												923	86,400									20.79248333	Zif
		924	918	86,400												924	86,400									21.69650435	Sivan
		925	919	86,400									925	86,400									22.60052536	4th Month			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)								
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate								
		926	920	86,400												926	86,400					23.50454637	5th Month						
75	900	927	921	86,400	29.52966559	364.9866667	27374	Inaccurate	26	26	354	5th Religious Year or 26th Religious Year	13 Months	5th Religious Year or 26th Religious Year	75	927	86,400	29.53074434	365	27375	Inaccurate	24.40856739	Elul						
		928	922	86,400				6th Civil Year or 27th Civil Year	13 Months	6th Civil Year or 27th Civil Year					928	86,400								25.3125884	Ethanim				
		929	923	86,400														929	86,400							26.21660942	Bul		
		930	924	86,400														930	86,400							27.12063043	Chislev		
		931	925	86,400														931	86,400							28.02465145	Tebeth		
		932	926	86,400														932	86,400							28.92867246	Sebat		
		933	927	86,400														933	86,400								29.83269348	EM 10	
		934	928	86,400											26	26	384		934	86,400							1.205361354	Adar	
		935	929	86,400											6th Religious Year or 27th Religious Year	12 Months	6th Religious Year or 27th Religious Year		935	86,400								2.640735504	Abib
		936	930	86,400																936	86,400								
		937	931	86,400										937				86,400									3.917424398	Sivan	
		938	932	86,400							938	86,400												4.21445412	4th Month				
		939	933	86,400							939	86,400												5.725466426	5th Month				
76	912	940	934	86,400	29.53085106	365.25	27759	Inaccurate	27	27	384	76	940	86,400				29.52978723	365.2368421	27758	Inaccurate	6.629487441		Elul					
		941	935	86,400					7th Civil Year or 28th Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year or 28th Civil Year (Not 55th Monthbatical Year)		941	86,400								7.533508455	Ethanim						
		942	936	86,400										942	86,400									8.43752947	Bul				
		943	937	86,400										943	86,400									9.341550484	Chislev				
		944	938	86,400										944	86,400									10.2455715	Tebeth				
		945	939	86,400										945	86,400									11.14959251	Sebat				
		946	940	86,400								27	27	355		946	86,400								12.05361353	Adar			
		947	941	86,400								55th Monthbatical Year	12 Months	7th Religious Year or 28th Religious Year (55th Monthbatical Year)		947	86,400								12.95763454	Abib			
		948	942	86,400													948	86,400									13.86165556	Zif	
		949	943	86,400													949	86,400									14.76567657	Sivan	
		950	944	86,400													950	86,400									15.66969758	4th Month	
		951	945	86,400							951				86,400									16.5737186	5th Month				
77	924	952	946	86,400	29.53046218	365.1038961	28113	Inaccurate	28	28	355				77	952	86,400	29.53151261	365.1168831	28114	Inaccurate	17.47773961		Elul					
		953	947	86,400					1st Civil Year or 29th Civil Year	12 Months	1st Civil Year or 29th Civil Year		953	86,400								18.38176063	Ethanim						
		954	948	86,400										954	86,400									19.28578164	Bul				
		955	949	86,400										955	86,400									20.18980266	Chislev				
		956	950	86,400										956	86,400									21.09382367	Tebeth				
		957	951	86,400										957	86,400									21.99784469	Sebat				
		958	952	86,400								28	28	354		958	86,400								22.9018657	Adar			
		959	953	86,400								Religious Year	12 Months	Religious Year		959	86,400								23.80588671	Abib			
		960	954	86,400													960	86,400									24.70990773	Zif	
		961	955	86,400													961	86,400									25.61392874	Sivan	
		962	956	86,400													962	86,400									26.51794976	4th Month	

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)								
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate										
		963	957	86,400											963	86,400						27.42197077	5th Month							
78	936	964	958	86,400	29.53008299	364.9615385	28467	Inaccurate	29	29	354	1st Religious Year or 29th Religious Year	13 Months	1st Religious Year or 29th Religious Year	78	964	86,400	29.53112033	364.974359	28468	Inaccurate	28.32599179	Elul							
		965	959	86,400					2nd Civil Year or 30th Civil Year	13 Months	2nd Civil Year or 30th Civil Year					965	86,400							29.2300128	Ethanim					
		966	960	86,400												966	86,400									30.13403382	EM 11			
		967	961	86,400												967	86,400									1.506701694	Bul			
		968	962	86,400												968	86,400									2.410722709	Chislev			
		969	963	86,400												969	86,400									3.314743723	Tebeth			
		970	964	86,400												970	86,400									4.218764737	Sebat			
		971	965	86,400												971	86,400									5.122785752	Adar			
		972	966	86,400												2nd Religious Year or 30th Religious Year	12 Months	2nd Religious Year or 30th Religious Year		972	86,400						6.026806766	Abib		
		973	967	86,400															973	86,400									6.930827781	Zif
		974	968	86,400															974	86,400									7.834848795	Sivan
		975	969	86,400															975	86,400									8.738869809	4th Month
		976	970	86,400									976	86,400												9.642890824	5th Month			
79	948	977	971	86,400	29.53019447	365.2025316	28851	Inaccurate	30	30	384		79	977	86,400				29.53121801	365.2151899	28852	Inaccurate	10.54691184	Elul						
		978	972	86,400					3rd Civil Year or 31st Civil Year	12 Months	3rd Civil Year or 31st Civil Year		978	86,400										11.45093285	Ethanim					
		979	973	86,400									979	86,400												12.35495387	Bul			
		980	974	86,400									980	86,400												13.25897488	Chislev			
		981	975	86,400									981	86,400												14.1629959	Tebeth			
		982	976	86,400									982	86,400												15.06701691	Sebat			
		983	977	86,400									983	86,400												15.97103792	Adar			
		984	978	86,400									984	86,400									16.87505894	Abib						
		985	979	86,400									985	86,400									17.77907995	Zif						
		986	980	86,400									986	86,400									18.68310097	Sivan						
		987	981	86,400									987	86,400									19.58712198	4th Month						
		988	982	86,400									988	86,400									20.491143	5th Month						
80	960	989	983	86,400	29.52982811	365.0625	29205	Inaccurate				31	31	354	3rd Religious Year or 31st Religious Year	12 Months	3rd Religious Year or 31st Religious Year	80	989	86,400	29.53083923	365.075	29206	Inaccurate	21.39516401	Elul				
		990	984	86,400					4th Civil Year or 32nd Civil Year	13 Months	4th Civil Year or 32nd Civil Year		990	86,400										22.29918503	Ethanim					
		991	985	86,400									991	86,400												23.20320604	Bul			
		992	986	86,400									992	86,400												24.10722705	Chislev			
		993	987	86,400									993	86,400												25.01124807	Tebeth			
		994	988	86,400									994	86,400												25.91526908	Sebat			
		995	989	86,400									995	86,400												26.8192901	Adar			
		996	990	86,400									996	86,400												27.72331111	Abib			
		997	991	86,400									997	86,400												28.62733213	Zif			
		998	992	86,400									998	86,400												29.53135314	EM 12			
		999	993	86,400									999	86,400												0.904021014	Sivan			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)						
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate								
		1000	994	86,400											1000	86,400					1.808042029	4th Month					
		1001	995	86,400											1001	86,400					2.712063043	5th Month					
81	972	1002	996	86,400	29.52994012	365.2962963	29589	Inaccurate	32	32	384	4th Religious Year or 32nd Religious Year	13 Months	4th Religious Year or 32nd Religious Year	81	1002	86,400	29.52894212	365.2839506	29588	Inaccurate	3.616084058	Elul				
		1003	997	86,400					5th Civil Year or 33rd Civil Year	12 Months						1003	86,400							4.520105072	Ethanim		
		1004	998	86,400															1004	86,400						5.424126086	Bul
		1005	999	86,400															1005	86,400						6.328147101	Chislev
		1006	1000	86,400												1006	86,400						7.232168115	Tebeth			
		1007	1001	86,400											1007	86,400					8.13618913	Sebat					
		1008	1002	86,400								32	32	383		1008	86,400					9.040210144	Adar				
		1009	1003	86,400								5th Religious Year or 33rd Religious Year	12 Months	5th Religious Year or 33rd Religious Year		1009	86,400					9.944231158	Abib				
		1010	1004	86,400														1010	86,400					10.84825217	Zif		
		1011	1005	86,400														1011	86,400					11.75227319	Sivan		
		1012	1006	86,400														1012	86,400					12.6562942	4th Month		
		1013	1007	86,400											1013	86,400					13.56031522	5th Month					
82	984	1014	1008	86,400	29.530557199	365.1707317	29944	Inaccurate	33	33	355	5th Religious Year or 34th Civil Year	12 Months	5th Religious Year or 34th Civil Year	82	1014	86,400	29.53155819	365.1829268	29945	Inaccurate	14.46433623	Elul				
		1015	1009	86,400														1015	86,400					15.36835724	Ethanim		
		1016	1010	86,400														1016	86,400					16.27237826	Bul		
		1017	1011	86,400														1017	86,400					17.17639927	Chislev		
		1018	1012	86,400											1018	86,400					18.08042029	Tebeth					
		1019	1013	86,400											1019	86,400					18.9844413	Sebat					
		1020	1014	86,400								33	33	355		1020	86,400					19.88846232	Adar				
		1021	1015	86,400								6th Religious Year	13 Months	6th Religious Year		1021	86,400					20.79248333	Abib				
		1022	1016	86,400														1022	86,400					21.69650435	Zif		
		1023	1017	86,400														1023	86,400					22.60052536	Sivan		
		1024	1018	86,400														1024	86,400					23.50454637	4th Month		
		1025	1019	86,400											1025	86,400					24.40856739	5th Month					
83	996	1026	1020	86,400	29.53021443	365.0361446	30298	Inaccurate	34	34	354	7th Civil Year or 34th Religious Year (Not 55th Month)	13 Months	7th Civil Year or 35th Civil Year (Not 55th Month)	83	1026	86,400	29.53118908	365.0481928	30299	Inaccurate	25.3125884	Elul				
		1027	1021	86,400														1027	86,400					26.21660942	Ethanim		
		1028	1022	86,400														1028	86,400					27.12063043	Bul		
		1029	1023	86,400														1029	86,400					28.02465145	Chislev		
		1030	1024	86,400											1030	86,400					28.92867246	Tebeth					
		1031	1025	86,400											1031	86,400					29.83269348	EM 13					
		1032	1026	86,400											1032	86,400					1.205361354	Sebat					
		1033	1027	86,400								34	34	384		1033	86,400					2.640735504	Adar				
		1034	1028	86,400											1034	86,400					3.013403383	Abib					
		1035	1029	86,400											1035	86,400					3.917424398	Zif					
		1036	1030	86,400											1036	86,400					4.21445412	Sivan					

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)											
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)			Days per Cycle	Accurate or Inaccurate									
		1037	1031	86,400								55th Monthbatical Year	12 Months	7th Religious Year or 35th Religious Monthbatical Year		1037	86,400						5.725466426	4th Month								
		1038	1032	86,400																	1038	86,400						6.629487441	5th Month			
84	1008	1039	1033	86,400	29.53031761	365.2619048	30682	Inaccurate	35	35	384	1st Civil Year or 36th Civil Year	12 Months	1st Civil Year or 36th Civil Year	84	1039	86,400	29.53128008	365.2738095	30683	Inaccurate	7.533508455	Elul									
		1040	1034	86,400														1040	86,400						8.43752947	Ethanim						
		1041	1035	86,400														1041	86,400						9.341550484	Bul						
		1042	1036	86,400														1042	86,400						10.2455715	Chislev						
		1043	1037	86,400														1043	86,400						11.14959251	Tebeth						
		1044	1038	86,400														1044	86,400						12.05361353	Sebat						
		1045	1039	86,400											35	35	354		1045	86,400						12.95763454	Adar					
		1046	1040	86,400											1st Religious Year or 36th Religious Year	12 Months	1st Religious Year or 36th Religious Year		1046	86,400						13.86165556	Abib					
		1047	1041	86,400																	1047	86,400						14.76567657	Zif			
		1048	1042	86,400																	1048	86,400						15.66969758	Sivan			
		1049	1043	86,400																	1049	86,400						16.5737186	4th Month			
		1050	1044	86,400														1050	86,400						17.47773961	5th Month						
85	1020	1051	1045	86,400	29.52997146	365.1294118	31036	Inaccurate	36	36	354	2nd Civil Year or 37th Civil Year	13 Months	2nd Civil Year or 37th Civil Year				85	1051	86,400	29.53092293	365.1411765	31037	Inaccurate	18.38176063	Elul						
		1052	1046	86,400											1st Religious Year or 36th Religious Year	12 Months	1st Religious Year or 36th Religious Year		1052	86,400						19.28578164	Ethanim					
		1053	1047	86,400																	1053	86,400						20.18980266	Bul			
		1054	1048	86,400																	1054	86,400						21.09382367	Chislev			
		1055	1049	86,400																	1055	86,400						21.99784469	Tebeth			
		1056	1050	86,400																	1056	86,400						22.9018657	Sebat			
		1057	1051	86,400														36	36	355		1057	86,400						23.80588671	Adar		
		1058	1052	86,400														2nd Religious Year or 37th Religious Year	13 Months	2nd Religious Year or 37th Religious Year		1058	86,400						24.70990773	Abib		
		1059	1053	86,400																				1059	86,400						25.61392874	Zif
		1060	1054	86,400																				1060	86,400						26.51794976	Sivan
		1061	1055	86,400																				1061	86,400						27.42197077	4th Month
		1062	1056	86,400																				1062	86,400						28.32599179	5th Month
		1063	1057	86,400																				1063	86,400						29.2300128	Elul
86	1032	1064	1058	86,400	29.53007519	365.3488372	31420	Inaccurate	37	37	384	3rd Civil Year or 38th Civil Year	12 Months	3rd Civil Year or 38th Civil Year							86	1064	86,400	29.53101504	365.3604651	31421	Inaccurate	30.13403382	EM 14			
		1065	1059	86,400											2nd Religious Year or 37th Religious Year	13 Months	2nd Religious Year or 37th Religious Year					1065	86,400						1.506701694	Ethanim		
		1066	1060	86,400																	1066	86,400						2.410722709	Bul			
		1067	1061	86,400																	1067	86,400						3.314743723	Chislev			
		1068	1062	86,400																	1068	86,400						4.218764737	Tebeth			
		1069	1063	86,400																	1069	86,400						5.122785752	Sebat			
		1070	1064	86,400														37	37	383		1070	86,400						6.026806766	Adar		
		1071	1065	86,400														3rd Religious Year		3rd Religious Year		1071	86,400						6.930827781	Abib		
		1072	1066	86,400																				1072	86,400						7.834848795	Zif
		1073	1067	86,400																	1073	86,400						8.738869809	Sivan			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)										
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate												
		1074	1068	86,400										1074	86,400						9.642890824	4th Month									
		1075	1069	86,400																						1075	86,400				
87	1044	1076	1070	86,400	29.52973978	365.2183908	31774	Inaccurate	38	38	355	3rd Religious Year or 38th Reli	12 Months	3rd Religious Year or 38th Reli	87	1076	86,400	29.53066915	365.2298851	31775	Inaccurate	11.45093285	Elul								
		1077	1071	86,400					4th Civil Year or 39th Civil Year	12 Months	4th Civil Year or 39th Civil Year					1077	86,400							12.35495387	Ethanim						
		1078	1072	86,400															1078	86,400						13.25897488	Bul				
		1079	1073	86,400															1079	86,400						14.1629959	Chislev				
		1080	1074	86,400															1080	86,400						15.06701691	Tebeth				
		1081	1075	86,400															1081	86,400						15.97103792	Sebat				
		1082	1076	86,400														38	38	355		1082	86,400				16.87505894	Adar			
		1083	1077	86,400														4th Religious Year or 39th Religious Year	12 Months	4th Religious Year or 39th Religious Year		1083	86,400				17.77907995	Abib			
		1084	1078	86,400																					1084	86,400				18.68310097	Zif
		1085	1079	86,400																					1085	86,400				19.58712198	Sivan
		1086	1080	86,400																					1086	86,400				20.491143	4th Month
		1087	1081	86,400																		1087	86,400				21.39516401	5th Month			
88	1056	1088	1082	86,400	29.53033088	365.1022727	32129	Inaccurate	39	39	354		88	1088	86,400	29.53125	365.1136364				32130	Inaccurate	22.29918503	Elul							
		1089	1083	86,400					5th Civil Year or 40th Civil Year	13 Months	5th Civil Year or 40th Civil Year	4th Religious Year or 39th Religious Year	12 Months	4th Religious Year or 39th Religious Year		1089	86,400								23.20320604	Ethanim					
		1090	1084	86,400																					1090	86,400				24.10722705	Bul
		1091	1085	86,400																		1091	86,400				25.01124807	Chislev			
		1092	1086	86,400																		1092	86,400				25.91526908	Tebeth			
		1093	1087	86,400																		1093	86,400				26.8192901	Sebat			
		1094	1088	86,400														39	39	354		1094	86,400				27.72331111	Adar			
		1095	1089	86,400														5th Religious Year or 40th Religious Year	13 Months	5th Religious Year or 40th Religious Year		1095	86,400				28.62733213	Abib			
		1096	1090	86,400																					1096	86,400				29.53135314	EM 15
		1097	1091	86,400																					1097	86,400				0.904021014	Zif
		1098	1092	86,400																					1098	86,400				1.808042029	Sivan
		1099	1093	86,400												1099	86,400							2.712063043	4th Month						
		1100	1094	86,400												1100	86,400							3.616084058	5th Month						
89	1068	1101	1095	86,400	29.53042688	365.3146067	32513	Inaccurate	40	40	384		89	1101	86,400	29.53133515	365.3258427				32514	Inaccurate	4.520105072	Elul							
		1102	1096	86,400					5th Civil Year or 41st Civil Year	12 Months	5th Civil Year or 41st Civil Year	5th Religious Year or 40th Religious Year	13 Months	5th Religious Year or 40th Religious Year		1102	86,400								5.424126086	Ethanim					
		1103	1097	86,400																		1103	86,400				6.328147101	Bul			
		1104	1098	86,400																		1104	86,400				7.232168115	Chislev			
		1105	1099	86,400																		1105	86,400				8.13618913	Tebeth			
		1106	1100	86,400																		1106	86,400				9.040210144	Sebat			
		1107	1101	86,400														40	40	384		1107	86,400				9.944231158	Adar			
		1108	1102	86,400														ious Year		ious Year		1108	86,400				10.84825217	Abib			
		1109	1103	86,400																					1109	86,400				11.75227319	Zif
		1110	1104	86,400																					1110	86,400				12.6562942	Sivan

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)	
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate			
		1111	1105	86,400								12 Months		1111	86,400						13.56031522	4th Month
		1112	1106	86,400													1112	86,400				
90	1,080	1113	1107	86,400	29.5309973	365.2	32868	Inaccurate	41	41	354	6th Religious Year or 41st Religious Year	90	1113	86,400	29.53189578	365.2111111	32869	Inaccurate	15.36835724	Elul	
		1114	1108	86,400										1114	86,400						16.27237826	Ethanim
		1115	1109	86,400										1115	86,400						17.17639927	Bul
		1116	1110	86,400										1116	86,400						18.08042029	Chislev
		1117	1111	86,400										1117	86,400						18.9844413	Tebeth
		1118	1112	86,400										1118	86,400						19.88846232	Sebat
		1119	1113	86,400										1119	86,400						20.79248333	Adar
		1120	1114	86,400										1120	86,400						21.69650435	Abib
		1121	1115	86,400										1121	86,400						22.60052536	Zif
		1122	1116	86,400										1122	86,400						23.50454637	Sivan
		1123	1117	86,400										1123	86,400						24.40856739	4th Month
		1124	1118	86,400										1124	86,400						25.3125884	5th Month
91	1092	1125	1119	86,400	29.52977778	365.0659341	33221	Inaccurate	42	42	355	55th Monthbatical Year	91	1125	86,400	29.53066667	365.0769231	33222	Inaccurate	26.21660942	Elul	
		1126	1120	86,400										1126	86,400						27.12063043	Ethanim
		1127	1121	86,400										1127	86,400						28.02465145	Bul
		1128	1122	86,400										1128	86,400						28.92867246	Chislev
		1129	1123	86,400										1129	86,400						29.83269348	EM 16
		1130	1124	86,400										1130	86,400						1.205361354	Tebeth
		1131	1125	86,400										1131	86,400						2.640735504	Sebat
		1132	1126	86,400										1132	86,400						3.013403383	Adar
		1133	1127	86,400										1133	86,400						3.917424398	Abib
		1134	1128	86,400										1134	86,400						4.21445412	Zif
		1135	1129	86,400										1135	86,400						5.725466426	Sivan
		1136	1130	86,400										1136	86,400						6.629487441	4th Month
		1137	1131	86,400									1137	86,400						7.533508455	5th Month	
92	1104	1138	1132	86,400	29.52987698	365.2717391	33605	Inaccurate	43	43	384	1st Religious Year or 43rd Religious Year	92	1138	86,400	29.53075571	365.2826087	33606	Inaccurate	8.43752947	Elul	
		1139	1133	86,400										1139	86,400						9.341550484	Ethanim
		1140	1134	86,400										1140	86,400						10.2455715	Bul
		1141	1135	86,400										1141	86,400						11.14959251	Chislev
		1142	1136	86,400										1142	86,400						12.05361353	Tebeth
		1143	1137	86,400										1143	86,400						12.95763454	Sebat
		1144	1138	86,400										1144	86,400						13.86165556	Adar
		1145	1139	86,400										1145	86,400						14.76567657	Abib
		1146	1140	86,400										1146	86,400						15.66969758	Zif
		1147	1141	86,400										1147	86,400						16.5737186	Sivan

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate		
		1148	1142	86,400											1148	86,400				17.47773961	4th Month
		1149	1143	86,400											1149	86,400				18.38176063	5th Month
93	1116	1150	1144	86,400	29.53043478	365.1612903	33960	Inaccurate	44	44	354		93	1150	86,400	29.53130435	365.172043	33961	Inaccurate	19.28578164	Elul
		1151	1145	86,400											1151	86,400				20.18980266	Ethanim
		1152	1146	86,400											1152	86,400				21.09382367	Bul
		1153	1147	86,400											1153	86,400				21.99784469	Chislev
		1154	1148	86,400											1154	86,400				22.9018657	Tebeth
		1155	1149	86,400											1155	86,400				23.80588671	Sebat
		1156	1150	86,400											1156	86,400				24.70990773	Adar
		1157	1151	86,400											1157	86,400				25.61392874	Abib
		1158	1152	86,400											1158	86,400				26.51794976	Zif
		1159	1153	86,400											1159	86,400				27.42197077	Sivan
		1160	1154	86,400											1160	86,400				28.32599179	4th Month
		1161	1155	86,400											1161	86,400				29.2300128	5th Month
		1162	1156	86,400											1162	86,400				30.13403382	EM 17
94	1128	1163	1157	86,400	29.53052451	365.3617021	34344	Inaccurate	45	45	384		94	1163	86,400	29.52966466	365.3510638	34343	Inaccurate	1.506701694	Elul
		1164	1158	86,400											1164	86,400				2.410722709	Ethanim
		1165	1159	86,400											1165	86,400				3.314743723	Bul
		1166	1160	86,400											1166	86,400				4.218764737	Chislev
		1167	1161	86,400											1167	86,400				5.122785752	Tebeth
		1168	1162	86,400											1168	86,400				6.026806766	Sebat
		1169	1163	86,400											1169	86,400				6.930827781	Adar
		1170	1164	86,400											1170	86,400				7.834848795	Abib
		1171	1165	86,400											1171	86,400				8.738869809	Zif
		1172	1166	86,400											1172	86,400				9.642890824	Sivan
		1173	1167	86,400											1173	86,400				10.54691184	4th Month
		1174	1168	86,400											1174	86,400				11.45093285	5th Month
95	1,140	1175	1169	86,400	29.5293617	365.2315789	34697	Inaccurate	46	46	354		95	1175	86,400	29.53021277	365.2421053	34698	Inaccurate	12.35495387	Elul
		1176	1170	86,400											1176	86,400				13.25897488	Ethanim
		1177	1171	86,400											1177	86,400				14.1629959	Bul
		1178	1172	86,400											1178	86,400				15.06701691	Chislev
		1179	1173	86,400											1179	86,400				15.97103792	Tebeth
		1180	1174	86,400											1180	86,400				16.87505894	Sebat
		1181	1175	86,400											1181	86,400				17.77907995	Adar
		1182	1176	86,400											1182	86,400				18.68310097	Abib
		1183	1177	86,400											1183	86,400				19.58712198	Zif
		1184	1178	86,400											1184	86,400				20.491143	Sivan

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)											
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)			Days per Cycle	Accurate or Inaccurate									
		1185	1179	86,400													1185	86,400					21.39516401	4th Month								
		1186	1180	86,400													1186	86,400					22.29918503	5th Month								
96	1152	1187	1181	86,400	29.52990733	365.125	35052	Inaccurate	47	47	355	5th Religious Year or 47th Religious Year	13 Months	5th Religious Year or 47th Religious Year		96	1187	86,400	29.53074979	365.1354167	35053	Inaccurate	23.20320604	Elul								
		1188	1182	86,400					6th Civil Year or 48th Civil Year	13 Months	6th Civil Year or 48th Civil Year						1188	86,400							24.10722705	Ethanim						
		1189	1183	86,400																1189	86,400							25.01124807	Bul			
		1190	1184	86,400																1190	86,400							25.91526908	Chislev			
		1191	1185	86,400																1191	86,400							26.8192901	Tebeth			
		1192	1186	86,400																1192	86,400							27.72331111	Sebat			
		1193	1187	86,400																1193	86,400							28.62733213	Adar			
		1194	1188	86,400														47	47	384		1194	86,400					29.53135314	EM 18			
		1195	1189	86,400														6th Religious Year or 48th Religious Year	12 Months	6th Religious Year or 48th Religious Year		1195	86,400					-	Abib			
		1196	1190	86,400																			1196	86,400							-	Zif
		1197	1191	86,400																			1197	86,400							-	Sivan
		1198	1192	86,400																			1198	86,400							-	4th Month
		1199	1193	86,400																			1199	86,400							-	5th Month
97	1164	1200	1194	86,400	29.53	365.3195876	35436	Inaccurate				48	48	383	7th Year	12 Months	7th Civil Year or 49th Civil Year (Not 55th Monthbatical Year)					97	1200	86,400	29.52916667	365.3092784	35435	Inaccurate	-	Elul		
		1201	1195	86,400										1201							86,400							-	Ethanim			
		1202	1196	86,400										1202							86,400							-	Bul			
		1203	1197	86,400										1203				86,400							-	Chislev						
		1204	1198	86,400										1204				86,400							-	Tebeth						
		1205	1199	86,400										1205				86,400							-	Sebat						
		1206	1200	86,400								48	48	355					1206	86,400					-	Adar						
		1207	1201	86,400								7th 55th Monthbatical Year	Jubilee Year	7th Religious Year					1207	86,400					-	Abib						
		1208	1202	86,400																1208	86,400						-	Zif				
		1209	1203	86,400																1209	86,400						-	Sivan				
		1210	1204	86,400																1210	86,400						-	4th Month				
		1211	1205	86,400																1211	86,400						-	5th Month				
98	1,176	1212	1206	86,400	29.53135314	365.2244898	35,792	Accurate	49	49	355								98	1212	86,400	29.53217822	365.2346939	35,793	Inaccurate	-		-	Elul			
		1213	1207	86,400											1st Civil Year	12 Months	1st Civil Year		1213	86,400						0.904021014	Ethanim					
		1214	1208	86,400										1214				86,400							1.808042029	Bul						
		1215	1209	86,400										1215				86,400							2.712063043	Chislev						
		1216	1210	86,400										1216				86,400							3.616084058	Tebeth						
		1217	1211	86,400										1217				86,400							4.520105072	Sebat						
		1218	1212	86,400								49	49	354					1218	86,400					5.424126086	Adar						
		1219	1213	86,400								1st Religious Year							1219	86,400						6.328147101	Abib					
		1220	1214	86,400																1220	86,400							7.232168115	Zif			
		1221	1215	86,400																1221	86,400							8.13618913	Sivan			

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

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CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)									
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate								
		1222	1216	86,400													1222	86,400					9.040210144	4th Month							
		1223	1217	86,400													1223	86,400					9.944231158	5th Month							
99	1188	1224	1218	86,400	29.53022876	365.1010101	36145	Inaccurate	1	1	354	1st Religious Year or 5th Religious Year	12 Months = 8th Year	1st Religious Year	99	1224	86,400	29.53104575	365.11111111	36146	Inaccurate	10.84825217	Elul								
		1225	1219	86,400					2nd Civil Year	12 Months	2nd Civil Year					1225	86,400							11.75227319	Ethanim						
		1226	1220	86,400															1226	86,400						12.6562942	Bul				
		1227	1221	86,400															1227	86,400						13.56031522	Chislev				
		1228	1222	86,400															1228	86,400						14.46433623	Tebeth				
		1229	1223	86,400															1229	86,400						15.36835724	Sebat				
		1230	1224	86,400														1	1	354		1230	86,400				16.27237826	Adar			
		1231	1225	86,400														2nd Religious Year	12 Months = 9th Year	2nd Religious Year		1231	86,400				17.17639927	Abib			
		1232	1226	86,400																					1232	86,400				18.08042029	Zif
		1233	1227	86,400																					1233	86,400				18.9844413	Sivan
		1234	1228	86,400																					1234	86,400				19.88846232	4th Month
		1235	1229	86,400																					1235	86,400				20.79248333	5th Month
100	1200	1236	1230	86,400	29.53074434	365	36500	Inaccurate	2	2	355	100	1236	86,400	29.5315534	365.01	36501				Inaccurate	21.69650435	Elul								
		1237	1231	86,400					3rd Civil Year	13 Months	3rd Civil Year		1237	86,400										22.60052536	Ethanim						
		1238	1232	86,400												1238	86,400						23.50454637	Bul							
		1239	1233	86,400												1239	86,400						24.40856739	Chislev							
		1240	1234	86,400												1240	86,400						25.3125884	Tebeth							
		1241	1235	86,400												1241	86,400						26.21660942	Sebat							
		1242	1236	86,400											2	2	355		1242	86,400				27.12063043	Adar						
		1243	1237	86,400											3rd Religious Year	13 Months	3rd Religious Year		1243	86,400				28.02465145	Abib						
		1244	1238	86,400																		1244	86,400				28.92867246	Zif			
		1245	1239	86,400																		1245	86,400				29.83269348	EM 1			
		1246	1240	86,400																		1246	86,400				1.205361354	Sivan			
		1247	1241	86,400																		1247	86,400				2.640735504	4th Month			
		1248	1242	86,400																		1248	86,400				3.013403383	5th Month			
101	1212	1249	1243	86,400	29.53002402	365.1782178	36883	Inaccurate				3	3	384				101	1249	86,400	29.53082466	365.1881188	36884	Inaccurate	3.917424398	Elul					
		1250	1244	86,400					4th Civil Year	12 Months	4th Civil Year		1250	86,400							4.21445412	Ethanim									
		1251	1245	86,400												1251	86,400						5.725466426	Bul							
		1252	1246	86,400												1252	86,400						6.629487441	Chislev							
		1253	1247	86,400												1253	86,400						7.533508455	Tebeth							
		1254	1248	86,400												1254	86,400						8.43752947	Sebat							
		1255	1249	86,400											3	3	384		1255	86,400				9.341550484	Adar						
		1256	1250	86,400															1256	86,400				10.2455715	Abib						
		1257	1251	86,400															1257	86,400				11.14959251	Zif						
		1258	1252	86,400															1258	86,400				12.05361353	Sivan						

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)							
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate						
		1259	1253	86,400					4	4	354	4th Religious Year	12 Months	4th Religious Year		1259	86,400						12.95763454	4th Month					
		1260	1254	86,400																		1260	86,400					13.86165556	5th Month
102	1224	1261	1255	86,400	29.53053132	365.0784314	37238	Inaccurate													102	1261	86,400	29.53132435	365.0882353	37239	Inaccurate	14.76567657	Elul
		1262	1256	86,400					5th Civil Year	12 Months	5th Civil Year	4th Religious Year	12 Months	4th Religious Year		1262	86,400						15.66969758	Ethanim					
		1263	1257	86,400																		1263	86,400					16.5737186	Bul
		1264	1258	86,400																		1264	86,400					17.47773961	Chislev
		1265	1259	86,400																		1265	86,400					18.38176063	Tebeth
		1266	1260	86,400																		1266	86,400					19.28578164	Sebat
		1267	1261	86,400																		1267	86,400					20.18980266	Adar
		1268	1262	86,400											5th Religious Year	13 Months	5th Religious Year		1268	86,400					21.09382367	Abib			
		1269	1263	86,400																		1269	86,400					21.99784469	Zif
		1270	1264	86,400																		1270	86,400					22.9018657	Sivan
		1271	1265	86,400																		1271	86,400					23.80588671	4th Month
		1272	1266	86,400																		1272	86,400					24.70990773	5th Month
103	1236	1273	1267	86,400	29.53024352	364.9708738	37592	Inaccurate				5	5	354							103	1273	86,400	29.53102907	364.9805825	37593	Inaccurate	25.61392874	Elul
		1274	1268	86,400					6th Civil Year	13 Months	6th Civil Year	5th Religious Year	13 Months	5th Religious Year		1274	86,400						26.51794976	Ethanim					
		1275	1269	86,400																		1275	86,400					27.42197077	Bul
		1276	1270	86,400																		1276	86,400					28.32599179	Kislev
		1277	1271	86,400																		1277	86,400					29.2300128	Tebeth
		1278	1272	86,400																		1278	86,400					30.13403382	EM 2
		1279	1273	86,400																		1279	86,400					1.506701694	Sebat
		1280	1274	86,400											5	5	384		1280	86,400					2.410722709	Adar			
		1281	1275	86,400											6th Religious Year	12 Months	6th Religious Year		1281	86,400					3.314743723	Abib			
		1282	1276	86,400																		1282	86,400					4.218764737	Zif
		1283	1277	86,400																		1283	86,400					5.122785752	Sivan
		1284	1278	86,400																		1284	86,400					6.026806766	4th Month
		1285	1279	86,400																		1285	86,400					6.930827781	5th Month
104	1248	1286	1280	86,400	29.53032659	365.1538462	37976	Inaccurate	6	6	384							104	1286	86,400	29.5311042	365.1634615	37977	Inaccurate	7.834848795	Elul			
		1287	1281	86,400					6th Civil Year (Not 55th Monthbatical Year)	12 Months	6th Civil Year (Not 55th Monthbatical Year)	6th Religious Year	12 Months	6th Religious Year		1287	86,400						8.738869809	Ethanim					
		1288	1282	86,400																		1288	86,400					9.642890824	Bul
		1289	1283	86,400																		1289	86,400					10.54691184	Chislev
		1290	1284	86,400																		1290	86,400					11.45093285	Tebeth
		1291	1285	86,400																		1291	86,400					12.35495387	Sebat
		1292	1286	86,400											6	6	354		1292	86,400					13.25897488	Adar			
		1293	1287	86,400											6th Religious Year (Not 55th Monthbatical Year)				1293	86,400					14.1629959	Abib			
		1294	1288	86,400															1294	86,400					15.06701691	Zif			
		1295	1289	86,400												1295	86,400					15.97103792	Sivan						

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)							
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate									
		1296	1290	86,400					7th C		7th C	55th Month	12 Months	7th Religious Year (55th Month)		1296	86,400					16.87505894	4th Month					
		1297	1291	86,400														1297	86,400					17.77907995	5th Month			
105	1260	1298	1292	86,400	29.53004623	365.047619	38330	Inaccurate	7	7	355				105	1298	86,400	29.53081664	365.0571429	38331	Inaccurate	18.68310097	Elul					
		1299	1293	86,400					1st Civil Year or 8th Civil Year	13 Months	1st Civil Year or 8th Civil Year					1299	86,400							19.58712198	Ethanim			
		1300	1294	86,400														1300	86,400							20.491143	Bul	
		1301	1295	86,400														1301	86,400							21.39516401	Chislev	
		1302	1296	86,400														1302	86,400							22.29918503	Tebeth	
		1303	1297	86,400														1303	86,400							23.20320604	Sebat	
		1304	1298	86,400											7	7	355		1304	86,400							24.10722705	Adar
		1305	1299	86,400														1st Religious Year or 8th Religious Year	13 Months	1st Religious Year or 8th Religious Year		1305	86,400					25.01124807
		1306	1300	86,400												1306	86,400										25.91526908	Zif
		1307	1301	86,400												1307	86,400										26.8192901	Sivan
		1308	1302	86,400												1308	86,400										27.72331111	4th Month
		1309	1303	86,400									1309	86,400										28.62733213	5th Month			
		1310	1304	86,400									1310	86,400										29.53135314	EM 3			
106	1272	1311	1305	86,400	29.53012967	365.2264151	38714	Inaccurate	8	8	383	106	1311	86,400	29.53089245	365.2358491	38715	Inaccurate	0.904021014	Elul								
		1312	1306	86,400					2nd Civil Year or 9th Civil Year	12 Months	2nd Civil Year or 9th Civil Year	1st Religious Year or 8th Religious Year	13 Months	1st Religious Year or 8th Religious Year		1312	86,400					1.808042029	Ethanim					
		1313	1307	86,400														1313	86,400							2.712063043	Bul	
		1314	1308	86,400														1314	86,400							3.616084058	Chislev	
		1315	1309	86,400														1315	86,400							4.520105072	Tebeth	
		1316	1310	86,400											1316	86,400							5.424126086	Sebat				
		1317	1311	86,400								8	8	384		1317	86,400							6.328147101	Adar			
		1318	1312	86,400											2nd Religious Year or 9th Religious Year	12 Months	2nd Religious Year or 9th Religious Year		1318	86,400					7.232168115	Abib		
		1319	1313	86,400															1319	86,400							8.13618913	Zif
		1320	1314	86,400															1320	86,400							9.040210144	Sivan
		1321	1315	86,400															1321	86,400							9.944231158	4th Month
		1322	1316	86,400									1322	86,400										10.84825217	5th Month			
107	1284	1323	1317	86,400	29.52985639	365.1214953	39068	Inaccurate	9	9	355	107	1323	86,400				29.53061224	365.1308411	39069	Inaccurate	11.75227319	Elul					
		1324	1318	86,400					3rd Civil Year or 10th Civil Year	12 Months	3rd Civil Year or 10th Civil Year	2nd Religious Year or 9th Religious Year	12 Months	2nd Religious Year or 9th Religious Year		1324	86,400					12.6562942	Ethanim					
		1325	1319	86,400														1325	86,400							13.56031522	Bul	
		1326	1320	86,400														1326	86,400							14.46433623	Chislev	
		1327	1321	86,400														1327	86,400							15.36835724	Tebeth	
		1328	1322	86,400												1328	86,400							16.27237826	Sebat			
		1329	1323	86,400								9	9	354		1329	86,400							17.17639927	Adar			
		1330	1324	86,400											3rd Religious Year	12 Months	3rd Religious Year		1330	86,400					18.08042029	Abib		
		1331	1325	86,400															1331	86,400							18.9844413	Zif
		1332	1326	86,400															1332	86,400							19.88846232	Sivan

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)		
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle			Accurate or Inaccurate	
		1333	1327	86,400												1333	86,400					20.79248333	4th Month
		1334	1328	86,400												1334	86,400					21.69650435	5th Month
108	1296	1335	1329	86,400	29.53033708	365.0277778	39423	Inaccurate	10	10	354				108	1335	86,400	29.53108614	365.037037	39424	Inaccurate	22.60052536	Elul
		1336	1330	86,400												1336	86,400					23.50454637	Ethanim
		1337	1331	86,400												1337	86,400					24.40856739	Bul
		1338	1332	86,400												1338	86,400					25.3125884	Chislev
		1339	1333	86,400												1339	86,400					26.21660942	Tebeth
		1340	1334	86,400												1340	86,400					27.12063043	Sebat
		1341	1335	86,400												1341	86,400					28.02465145	Adar
		1342	1336	86,400												1342	86,400					28.92867246	Abib
		1343	1337	86,400												1343	86,400					29.83269348	EM 4
		1344	1338	86,400												1344	86,400					1.205361354	Zif
		1345	1339	86,400												1345	86,400					2.640735504	Sivan
		1346	1340	86,400												1346	86,400					3.013403383	4th Month
		1347	1341	86,400												1347	86,400					3.917424398	5th Month
109	1308	1348	1342	86,400	29.53041543	365.2018349	39807	Inaccurate	11	11	384				109	1348	86,400	29.53115727	365.2110092	39808	Inaccurate	4.21445412	Elul
		1349	1343	86,400												1349	86,400					5.725466426	Ethanim
		1350	1344	86,400												1350	86,400					6.629487441	Bul
		1351	1345	86,400												1351	86,400					7.533508455	Chislev
		1352	1346	86,400												1352	86,400					8.43752947	Tebeth
		1353	1347	86,400												1353	86,400					9.341550484	Sebat
		1354	1348	86,400												1354	86,400					10.2455715	Adar
		1355	1349	86,400												1355	86,400					11.14959251	Abib
		1356	1350	86,400												1356	86,400					12.05361353	Zif
		1357	1351	86,400												1357	86,400					12.95763454	Sivan
		1358	1352	86,400												1358	86,400					13.86165556	4th Month
		1359	1353	86,400												1359	86,400					14.76567657	5th Month
110	1320	1360	1354	86,400	29.53014706	365.1	40161	Inaccurate	12	12	355				110	1360	86,400	29.53088235	365.1090909	40162	Inaccurate	15.66969758	Elul
		1361	1355	86,400												1361	86,400					16.5737186	Ethanim
		1362	1356	86,400												1362	86,400					17.47773961	Bul
		1363	1357	86,400												1363	86,400					18.38176063	Chislev
		1364	1358	86,400												1364	86,400					19.28578164	Tebeth
		1365	1359	86,400												1365	86,400					20.18980266	Sebat
		1366	1360	86,400												1366	86,400					21.09382367	Adar
		1367	1361	86,400												1367	86,400					21.99784469	Abib
		1368	1362	86,400												1368	86,400					22.9018657	Zif
		1369	1363	86,400												1369	86,400					23.80588671	Sivan

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)									
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)			Days per Cycle	Accurate or Inaccurate							
		1370	1364	86,400													1370	86,400					24.70990773	4th Month						
		1371	1365	86,400													1371	86,400					25.61392874	5th Month						
111	1332	1372	1366	86,400	29.52988338	365	40515	Inaccurate	13	13	354	6th Religious Year or 13th Religious Year	13 Months	6th Religious Year or 13th Religious Year			1372	86,400	29.53061224	365.009009	40516	Inaccurate	26.51794976	Elul						
		1373	1367	86,400																1373	86,400					27.42197077	Ethanim			
		1374	1368	86,400																1374	86,400					28.32599179	Bul			
		1375	1369	86,400																1375	86,400					29.2300128	Kislev			
		1376	1370	86,400																1376	86,400					30.13403382	EM 5			
		1377	1371	86,400																1377	86,400					1.506701694	Tebeth			
		1378	1372	86,400																1378	86,400					2.410722709	Sebat			
		1379	1373	86,400											13	13	384			1379	86,400					3.314743723	Adar			
		1380	1374	86,400											55th Monthbatical Year	12 Months	7th Religious Year or 14th Religious Year (55th Monthbatical Year)			1380	86,400					4.218764737	Abib			
		1381	1375	86,400																			1381	86,400					5.122785752	Zif
		1382	1376	86,400																			1382	86,400					6.026806766	Sivan
		1383	1377	86,400																			1383	86,400					6.930827781	4th Month
		1384	1378	86,400																			1384	86,400					7.834848795	5th Month
112	1344	1385	1379	86,400	29.5299639	365.1696429	40899	Inaccurate	14	14	384							112		1385	86,400	29.53068592	365.1785714	40900	Inaccurate	8.738869809	Elul			
		1386	1380	86,400								1st Civil Year or 15th Civil Year	12 Months	1st Civil Year or 15th Civil Year						1386	86,400					9.642890824	Ethanim			
		1387	1381	86,400																1387	86,400					10.54691184	Bul			
		1388	1382	86,400																1388	86,400					11.45093285	Chislev			
		1389	1383	86,400																1389	86,400					12.35495387	Tebeth			
		1390	1384	86,400																1390	86,400					13.25897488	Sebat			
		1391	1385	86,400											14	14	354			1391	86,400					14.1629959	Adar			
		1392	1386	86,400											1st Religious Year or 15th Religious Year	12 Months	1st Religious Year or 15th Religious Year			1392	86,400					15.06701691	Abib			
		1393	1387	86,400																			1393	86,400					15.97103792	Zif
		1394	1388	86,400																			1394	86,400					16.87505894	Sivan
		1395	1389	86,400																			1395	86,400					17.77907995	4th Month
		1396	1390	86,400																			1396	86,400					18.68310097	5th Month
113	1356	1397	1391	86,400	29.53042233	365.079646	41254	Inaccurate	15	15	354										113		1397	86,400	29.53113815	365.0884956	41255	Inaccurate	19.58712198	Elul
		1398	1392	86,400														1st Civil Year or 16th Civil Year	13 Months	1st Civil Year or 16th Civil Year			1398	86,400					20.491143	Ethanim
		1399	1393	86,400													1399				86,400					21.39516401	Bul			
		1400	1394	86,400													1400				86,400					22.29918503	Chislev			
		1401	1395	86,400													1401				86,400					23.20320604	Tebeth			
		1402	1396	86,400													1402				86,400					24.10722705	Sebat			
		1403	1397	86,400								15	15	354			1403				86,400					25.01124807	Adar			
		1404	1398	86,400								1st Religious Year or 15th Religious Year	12 Months	1st Religious Year or 15th Religious Year			1404				86,400					25.91526908	Abib			
		1405	1399	86,400																			1405	86,400					26.81929201	Zif
		1406	1400	86,400																			1406	86,400					27.72331111	Sivan

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle				CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)									
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate											
		1407	1401	86,400					2r			2r	2nd Religious Year or 16th Religious Year	13 Months	2nd Religious Year or 16th Religious Year		1407	86,400					28.62733213	4th Month						
		1408	1402	86,400																		1408	86,400				29.53135314	EM 6		
		1409	1403	86,400																			1409	86,400				0.904021014	5th Month	
114	1368	1410	1404	86,400	29.53049645	365.245614	41638	Inaccurate	16	16	384	3rd Civil Year or 17th Civil Year	12 Months	3rd Civil Year or 17th Civil Year	2nd Religious Year or 16th Religious Year	114	1410	86,400	29.53120567	365.254386	41639	Inaccurate	1.808042029	Elul						
		1411	1405	86,400																	1411	86,400				2.712063043	Ethanim			
		1412	1406	86,400																	1412	86,400				3.616084058	Bul			
		1413	1407	86,400																	1413	86,400				4.520105072	Chislev			
		1414	1408	86,400																	1414	86,400				5.424126086	Tebeth			
		1415	1409	86,400																	1415	86,400				6.328147101	Sebat			
		1416	1410	86,400												16	16	384			1416	86,400				7.232168115	Adar			
		1417	1411	86,400												3rd Civil Year or 17th Religious Year	12 Months	3rd Religious Year or 17th Religious Year			1417	86,400				8.13618913	Abib			
		1418	1412	86,400																				1418	86,400				9.040210144	Zif
		1419	1413	86,400																				1419	86,400				9.944231158	Sivan
		1420	1414	86,400																				1420	86,400				10.84825217	4th Month
		1421	1415	86,400																				1421	86,400				11.75227319	5th Month
115	1380	1422	1416	86,400	29.5302391	365.1478261	41992	Inaccurate	17	17	354	4th Civil Year or 18th Civil Year	12 Months	4th Civil Year or 18th Civil Year	3rd Religious Year or 17th Religious Year	115	1422	86,400	29.53094233	365.1565217	41993	Inaccurate	12.6562942	Elul						
		1423	1417	86,400																	1423	86,400				13.56031522	Ethanim			
		1424	1418	86,400																	1424	86,400				14.46433623	Bul			
		1425	1419	86,400																	1425	86,400				15.36835724	Chislev			
		1426	1420	86,400																	1426	86,400				16.27237826	Tebeth			
		1427	1421	86,400																	1427	86,400				17.17639927	Sebat			
		1428	1422	86,400												17	17	355			1428	86,400				18.08042029	Adar			
		1429	1423	86,400												4th Religious Year or 18th Religious Year	13 Months	4th Religious Year or 18th Religious Year			1429	86,400				18.9844413	Abib			
		1430	1424	86,400																				1430	86,400				19.88846232	Zif
		1431	1425	86,400																				1431	86,400				20.79248333	Sivan
		1432	1426	86,400																				1432	86,400				21.69650435	4th Month
		1433	1427	86,400																				1433	86,400				22.60052536	5th Month
116	1392	1434	1428	86,400	29.52998605	365.0517241	42346	Inaccurate	18	18	355	5th Civil Year or 19th Civil Year	13 Months	5th Civil Year or 19th Civil Year	4th Religious Year or 18th Religious Year	116	1434	86,400	29.5306834	365.0603448	42347	Inaccurate	23.50454637	Elul						
		1435	1429	86,400																	1435	86,400				24.40856739	Ethanim			
		1436	1430	86,400																	1436	86,400				25.3125884	Bul			
		1437	1431	86,400																	1437	86,400				26.21660942	Chislev			
		1438	1432	86,400																	1438	86,400				27.12063043	Tebeth			
		1439	1433	86,400																	1439	86,400				28.02465145	Sebat			
		1440	1434	86,400																	1440	86,400				28.92867246	Adar			
		1441	1435	86,400												18	18	384			1441	86,400				29.83269348	EM 7			
		1442	1436	86,400													1442	86,400				1.205361354	Abib							
		1443	1437	86,400													1443	86,400				2.640735504	Zif							

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)							
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)		Natural Religious Luni Solar Cycle (From Canaan)			LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate									
		1444	1438	86,400					5		5	5th Religious Year or 19th Religious Year	12 Months	5th Religious Year or 19th Religious Year		1444	86,400					3.013403383	Sivan						
		1445	1439	86,400															1445	86,400					3.917424398	4th Month			
		1446	1440	86,400															1446	86,400					4.21445412	5th Month			
117	1404	1447	1441	86,400	29.5300622	365.2136752	42730	Inaccurate	19	19	384							117	1447	86,400	29.53075328	365.2222222	42731	Inaccurate	5.725466426	Elul			
		1448	1442	86,400					6th Civil Year or 20th Civil Year	12 Months	6th Civil Year or 20th Civil Year								1448	86,400					6.629487441	Ethanim			
		1449	1443	86,400																		1449	86,400					7.533508455	Bul
		1450	1444	86,400																		1450	86,400					8.43752947	Chislev
		1451	1445	86,400																		1451	86,400					9.341550484	Tebeth
		1452	1446	86,400																		1452	86,400					10.2455715	Sebat
		1453	1447	86,400														19	19	354		1453	86,400					11.14959251	Adar
		1454	1448	86,400																		1454	86,400					12.05361353	Abib
		1455	1449	86,400															1455	86,400					12.95763454	Zif			
		1456	1450	86,400															1456	86,400					13.86165556	Sivan			
		1457	1451	86,400															1457	86,400					14.76567657	4th Month			
		1458	1452	86,400															1458	86,400					15.66969758	5th Month			
118	1416	1459	1453	86,400	29.53050034	365.1271186	43085	Inaccurate	20	20	354	6th Religious Year or 20th Religious Year	12 Months	6th Religious Year or 20th Religious Year	118	1459	86,400	29.53118574	365.1355932	43086	Inaccurate	16.5737186	Elul						
		1460	1454	86,400					7th Civil Year or 21st Civil Year (Not 55th Monthbatical Year)	12 Months	7th Civil Year or 21st Civil Year (Not 55th Monthbatical Year)					1460	86,400					17.47773961	Ethanim						
		1461	1455	86,400															1461	86,400					18.38176063	Bul			
		1462	1456	86,400															1462	86,400					19.28578164	Chislev			
		1463	1457	86,400															1463	86,400					20.18980266	Tebeth			
		1464	1458	86,400															1464	86,400					21.09382367	Sebat			
		1465	1459	86,400														20	20	354		1465	86,400					21.99784469	Adar
		1466	1460	86,400																		1466	86,400					22.9018657	Abib
		1467	1461	86,400																		1467	86,400					23.80588671	Zif
		1468	1462	86,400																		1468	86,400					24.70990773	Sivan
		1469	1463	86,400																		1469	86,400					25.61392874	4th Month
		1470	1464	86,400															1470	86,400					26.51794976	5th Month			
119	1428	1471	1465	86,400	29.53025153	365.0336134	43439	Inaccurate	21	21	354	55th Monthbatical Year	13 Months	7th Religious Year or 21st Religious Year (55th Monthbatical Year)	119	1471	86,400	29.53093134	365.0420168	43440	Inaccurate	27.42197077	Elul						
		1472	1466	86,400					5th Civil Year or 22nd Civil Year	13 Months	5th Civil Year or 22nd Civil Year					1472	86,400						28.32599179	Ethanim					
		1473	1467	86,400															1473	86,400					29.2300128	Bul			
		1474	1468	86,400															1474	86,400					30.13403382	EM 8			
		1475	1469	86,400															1475	86,400					1.506701694	Kislev			
		1476	1470	86,400															1476	86,400					2.410722709	Tebeth			
		1477	1471	86,400															1477	86,400					3.314743723	Sebat			
		1478	1472	86,400														21	21	384		1478	86,400					4.218764737	Adar
		1479	1473	86,400																		1479	86,400					5.122785752	Abib
		1480	1474	86,400																		1480	86,400					6.026806766	Zif

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle					CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)				
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)			Natural Religious Luni Solar Cycle (From Canaan)		LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate						
		1481	1475	86,400					18		18	1st Religious Year or 22nd Religious Year	12 Months	1st Religious Year or 22nd Religious Year		1481	86,400					6.930827781	Sivan			
		1482	1476	86,400												1482	86,400							7.834848795	4th Month	
		1483	1477	86,400												1483	86,400							8.738869809	5th Month	
120	1440	1484	1478	86,400	29.5309973	365.2	43824	Inaccurate	22	22	384				120	1484	86,400	29.53167116	365.2083333	43825	Inaccurate			9.642890824	Elul	
		1485	1479	86,400													1485	86,400							-	Ethanim
		1486	1480	86,400													1486	86,400							-	Bul
		1487	1481	86,400													1487	86,400							-	Chislew
		1488	1482	86,400													1488	86,400							-	Tebeth
		1489	1483	86,400													1489	86,400							-	Sebat
		1490	1484	86,400											22	22	355		1490	86,400					-	Adar
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
400	4,800	4947.310761	4941.310761	86,400	29.53058885	365.2425	146,097	Inaccurate	400 - Year Cycle is not proved.					400	4947.344624	86,400	29.53058885	365.245	146,098	Inaccurate		-	-			
400	4,800	4947	4941	86,400	29.53244391	365.2425	146,097	Inaccurate	400 - Year Cycle is not proved.					400	4947	86,400	29.53062462	365.22	146,088	Inaccurate		-	-			
400	4,800	4947	4941	86,400	29.53062462	365.22	146,088	Inaccurate	400 - Year Cycle is not proved.					400	4947	86,400	29.53042248	365.2175	146,087	Inaccurate		-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
490	5,880	6,060	6,054	86,400	29.53135314	365.2244898	178,960	Accurate	49 - Year Cycle is used 10 times.					490	6060	86,400	29.53151815	365.2265306	178,961	Accurate		-	Elul			

Where LSC = Luni Solar Cycle; TC = Tropical Cycle; TM = Tropical Month; LM = Lunar Month; TM = Tropical Year ÷ 12 months = 365.2244898 days ÷ 12 months = 30.43537415 days; Note: Scriptural Lunar Month = 17,896 days ÷ 606 Lunar Months = 29.53135314 days forever. Scriptural Tropical Year = 17,896 days ÷ 49 Years = 365.2244898 days forever (Jeremiah 33:19-26).

RESEARCH PROVES THAT 49 - YEAR LUNI SOLAR CYCLE AND 49 - YEAR TROPICAL CYCLE ONLY IS PROVED THEORITICALLY, SCIENTIFICALLY, SCRIPTURALLY AND HISTORICALLY.

- (1). 19 - Year Luni Solar Cycle is repeated in 38 - Year Luni Solar Cycle two times.
- (2). 30 - Year Luni Solar Cycle is repeated in 60 - Year Luni Solar Cycle two times.
- (3). 49 - Year Luni Solar Cycle is repeated in 98 - Year Luni Solar Cycle two times.
- (4). 50 - Year Luni Solar Cycle is repeated in 100 - Year Luni Solar Cycle two times.
- (4). 60 - Year Luni Solar Cycle is repeated in 120 - Year Luni Solar Cycle two times.

NOTE: 49 - Year Luni Solar Cycle and 49 - Year Tropical Cycle only is proved from the beginning because these two only is giving accurate Seasons, and Phases of the Moon. 49 - Year Luni Solar Cycle is repeated in 490 - Year Luni Solar Cycle 10 times. All the remaining Luni Solar Cycles and Tropical Cycles are not giving accurate Phases of the Moon, and Seasons. Ugadi (Hindu or Telugu New Year which occurs in flowering time just as 1st Abib, the Jewish New Year in Spring) didn't occur in the flowering time in 46 BCE. For details, please study under z00 on our website. Hindu and Chinese 60 - Year Luni Solar Cycle didn't give accurate Seasons and Phases of the Moon in 46 BCE when Julian Calendar introduced by Julius Caesar. We know that April stands for flowering. Chinese and Hindus didn't realize that 30 - Year Luni Solar Cycle is repeated in 60 - Year Luni Solar Cycle.

Note: Please notice the length of Lunar Month and Tropical Year in each Cycle.

Note: Yahweh's Luni Solar Calendar Formula is written in Leviticus 25:8-9 in about 1579 BCE by Mose, the greatest Prophet.

GREGORIAN 400 - YEAR TROPICAL CYCLE IS NOT PROVED THEORITICALLY, SCIENTIFICALLY, HISTORICALLY, AND SCRIPTURALLY.

400 Gregorian Years = 400 Gregorian Years X 365.2425 days = 146,097 days.

So 400 Gregorian Years = 146,097 days = 146,097 nights and 146,097 daytimes which are proved in 400 Gregorian Years but the Phases of the Moon didn't occur according to Gregorian Tropical Year but according to 49 - Year Luni Solar Cycle only. So 400 - Year Cycle is the false concept. Note: We got equal nights and daytimes (146,097 nights + 146,097 daytimes) in 400 Gregorian years.

Research: 49 Years = 49 Tropical Years = 49 Luni Solar Years = 17,896 nights + 17,896 daytimes. So 49 - Year Cycle is proved theoretically, Historically, Scientifically, and Scripturally. Zero is remained as the residue at the end of each 49 - Year Luni Solar Cycle and 49 - Year Tropical Cycle.

Note: 49 Years = 49 - Year Luni Solar Cycle = 49 - Year Tropical Cycle = 17,896 days = 17,896 nights and 17,896 daytimes which are proved in 49 Years and we are getting accurate Phases of the Moon, Seasons, Extra Months, 7 times 7 years, Sabbatical Years, Jubilee Years, and Years of Tithe from the date of the Creation of Sun, Moon, and stars as written in Leviticus 25:8-9; Genesis 1:13-19; Psalms 104:19; John 11:9; Job 38:1-33. So Yahweh is proved as the Creator (Leviticus 25:8-9)!

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle		CASE - 2							Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)	Natural Religious Luni Solar Cycle (From Canaan)	LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate		

NASA, AND ALL ASTRONOMERS ARE MISLEADING AND CHEATING YOU

RESEARCH: NASA or IAU or any astronomer didn't use the length of Day as 23 hours, 56 minutes, and 4.09 seconds in producing the Phases of the Moon from either from 2000 BCE or from 4000 BCE to CE 4000 because we can't get accurate Seasons, and Phases of the Moon with the help of the discoveries of NASA [Eg. (1). Day = 23 hours, 56 minutes, and 4.09 seconds. (2). Lunar Month = 29.53058885 days. And (3). Tropical Year = 365.24219 days]. That is why the Phases of the Moon produced by NASA are not accurate. NASA used the length of day as 24 hours or 86,400 seconds in producing the Phases of the Moon from 2000 BCE to CE 4000. This proves that the discoveries of NASA concerning the length of Day, Lunar Month, and Tropical Year are not accurate. Please note this point. We can get accurate Phases of the Moon, and Seasons if the length of Luni Solar Cycle = The length of Tropical Cycle. NASA Lunar Month and Tropical Year didn't depend on any Luni Solar Cycle and Tropical Cycle. So the discoveries of NASA or IAU or any astronomer or any religious leader is not accurate.

RESEARCH

NOTE: NASA or IAU or any astronomer didn't VERIFY their calculations in terms of Luni Solar Cycle and Tropical Cycle. That is why the discoveries of NASA or IAU or any any astronomer or religious leader concerning the length of Day, Lunar Month, and Tropical Year is not accurate.

ALL RELIGIOUS LEADERS ARE MISLEADING YOU

RESEARCH: Hindu Lunar Month or Chinese Lunar Month (29.5309973 days) is not giving accurate Phases of the Moon, and Seasons. The length of Lunar Month according to 30 - Year Luni Solar Cycle is equal to the length of Lunar Month according to 60 - Year Luni Solar Cycle. So this proves that 30 - Year Luni Solar Cycle is repeated in 60 - Year Luni Solar Cycle. This again proves that 60 - Year Luni Solar Cycle is not related to the Creator. Julian Calendar introduced in 46 BCE by Julius Caesar. Ugadi occurred on 29th June, 46 BCE according to Hindu 60 - Year Luni Solar Cycle whereas Jewish New Year (1st Abib) occurred in flowering time on 22nd April, 46 BCE according to 49 - Year Luni Solar Cycle. So all Religious astronomers are misleading the people in case of God's festivals. Flowering time occurred in April in 46 BCE according to Roman Calendar during the days of Julius Caesar. Please study under z00 at 51298 CCM1 and 51801 CCM in www.yahwehcalendar49.com

his is the time to realize who the Creator is because His Calendar Formula proves that He is the Creator only (Genesis 1:13-19; Jeremiah 33:19-26, 31:35-37; Psalms 104:19; Leviticus 25:8-9; Jn. 11:9)

RESEARCH: (1). All Astronomers (NASA, and IAU) are misleading and cheating the World with their inaccurate discoveries such as length of day (23 hours, 56 minutes, and 4.09 seconds), Lunar Month (29.53058885 days), and Tropical Year (365.24219 days) because these discoveries are not giving accurate Seasons, and Phases of the Moon since 4234 BCE. So don't follow fasle Prophets and astronomers henceforth. Please study under z00, z20 etcetera.

(2). The discoveries of astronomers with the help of the telescope needs "Constants" to get accurate Phases of the Moon, and Seasons. We know so many scientific Constants.

(3). So the length of Universal day on the Equator = 24 hours or 1,440 minutes or 86,400 seconds strictly forever. Note: 3 min., and 55.91 sec., should be added as a Constnat to 23 hours, 56 min., and 4.09 sec., to get accurate Seasons, and Phases of the Moon (John 11:9).

(4). In a similar way the length of Lunar Month = 29.53135314 days strictly forever. Note: 7.642853X10-04 should be added as a Constnat to 29.53058885 days to get accurate Seasons, and Phases of the Moon otherwise we can't get accurate Seasons, and Phases of the Moon (Genesis 1:13-19; Psalms 104:19; Jeremiah 33:19-26, 31:35-37; Job 26:7, 38:1-33).

(5). In a similar way the length of Tropical Year = 365.2244898 days strictly forever. Note: 0.017700204 days should be subtracted as a Constnat from 365.24219 days to get accurate Seasons otherwise we can't get accurate Seasons. For details: z20 or 1b Case - 5 and z00 in our website. NASA and Telugu or Hindu calculations are disproved very clearly (In 46 BCE in case of Ugadi) between 4193 BCE and CE 4000 or beyond. For details, z00 at 51801 CCM.

These are the Jewish Religious Months: (1). Abib (Exodus 12:1-2; Deut. 16:1; Esther 3:7); (2). Zif (1 Kings 6:1); (3). Sivan (Esther 8:9); 4th Month (Zechariah 8:19); 5th Month (Ezra 7:9); (6). Elul (Nehemiah 6:15); (7). Ethanim (1 Kings 8:1-2); (8). Bul (1 Kings 6:38); (9). Kislev (Nehemiah 1:1); (10). Tebeth (Esther 2:16); (11). Sebat (Zechariah 1:7); (12). Adar (Esther 3:7). 49 Years is the formula of the Universal Clock, the Sun, and Moon and is written in Leviticus 25:8-9. So "Yahweh" is proved as the Creator.

(6). 49 - Year Cycle only is proved out of 120 or 490 Cycles. 49 - Year Luni Solar Cycle = 49 - Year Tropical Cycle which gives accurate Daytimes (12 hours - John 11:9; Jeremiah 33:19-26, 31:35-37), Nights (12 hours), Seasons, Years, Phases of the Moon, 7 times 7 Years as 49 Years, Jubilee Years, Years of Tithe as Commanded and written in Leviticus 25:8-9; Genesis 1:13-19; Psalms 104:19. So the Creator's Clock is the Luni Solar only!

(7). Gregorian 400 - Year Tropical Cycle is not the true concept (science) but fake. Christopher Clavius and Sosegenis didn't research on the Phases of the Moon. That's why they failed in their research and introduced a false concept which misleads and cheats the World to this very day. Present astronomers are keeping silence!

(8). 4,947 Lunar Months are there in 400 Tropical Years because we are getting nights, daytimes, Seasons, and Phases of the Moon. But 400 Tropical years (M = 400 X 365.2425 = 146,097 days) are not equal to 400 Luni Solar Years (N = 4947 Lunar Months X 29.53058885 days = 146,087.823 days). So M is not equal to N. The difference between M and N is more than 10 days. That's why 400 - Year Cycle is the false concept but our greatest astronomers are following it. We can't get 4947.310761 Lunar eMonths (If Lunar Month = 29.53058885 days according to IAU). Every 400 Year Gregorian Cycle takes 146,097 days (149,097 nights + 146,097 daytimes). What about Phases of the Moon during 400 - Year Tropical Cycle? These calculations are simple.

(9). 49 - Year Luni Solar Cycle only is giving accurate Seasons, and Phases of the Moon from the date of the Creation of Sun, Moon, and stars according to Genesis 1:13-19.

THE VERIFICATION OF 120 LUNI SOLAR CYCLES AND TROPICAL CYCLES TO GET ACCURATE LENGTH OF DAY, LUNAR MONTH, AND TROPICAL YEAR

Conditions: (1). More or less than 86,400 seconds per day per 360° is not suitable to get Phases of the Moon, and Seasons. (2). Extra Months occur according to Luni Solar Difference per Month (LSDPM) only. (3). Length of Lunar Month = Days per Cycle ÷ Months per Cycle. (4). Length of Tropical Year = Days per Cycle ÷ Years per Cycle. (5). Days per Cycle and Months per Cycle should be an integer only (John 4:22).

CASE - 1									The Universal Luni Solar Cycle		CASE - 2						Luni Solar Difference Per Month (LSDPM) = TM - LM	Jewish Months (Leviticus 25:8-9; Genesis 1:13-19)
LSC or TC	Tropical Months	Civil Lunar Months per Cycle	Religious Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	Natural Civil Luni Solar Cycle (From the Beginning)	Natural Religious Luni Solar Cycle (From Canaan)	LSC or TC	Civil Lunar Months per Cycle	Length of Day (Seconds)	Length of Lunar Month (Days)	Length of Tropical Year (Days)	Days per Cycle	Accurate or Inaccurate	

HE TIMELINE FROM FIRST MAN, ADAM TO CE 2136 (100% ACCURATE AND PROVED SCIENTIFICALLY)

NAME	YEARS	Years	AO	References
Adam	4234 BCE to 4104 BCE	130	130	Genesis 5:3
Seth	4104 BCE to 3999 BCE	105	235	Genesis 5:6
Enos	3999 BCE to 3909 BCE	90	325	Genesis 5:9
Cainan	3909 BCE to 3839 BCE	70	395	Genesis 5:12
Mahalaleel	3839 BCE to 3774 BCE	65	460	Genesis 5:15
Jared	3774 BCE to 3612 BCE	162	622	Genesis 5:18
Enok	3612 BCE to 3547 BCE	65	687	Genesis 5:21
Methuselah	3547 BCE to 3360 BCE	187	874	Genesis 5:25
Lemek	3360 BCE to 3178 BCE	182	1056	Genesis 5:28
Noah	3178 BCE to 2678 BCE	500	1556	Genesis 5:32
Shem	2678 BCE to 2576 BCE	102	1658	Genesis 11:10
Arphaxad	2576 BCE to 2541 BCE	35	1693	Genesis 11:12
Selah	2541 BCE to 2511 BCE	30	1723	Genesis 11:14
Eber	2511 BCE to 2477 BCE	34	1757	Genesis 11:16
Peleg	2477 BCE to 2447 BCE	30	1787	Genesis 11:18
Reu	2447 BCE to 2415 BCE	32	1819	Genesis 11:20
Serug	2415 BCE to 2385 BCE	30	1849	Genesis 11:22
Nahor	2385 BCE to 2356 BCE	29	1878	Genesis 11:24
Terah	2356 BCE to 2286 BCE	70	1948	Genesis 11:26
Abraham	2286 BCE to 2186 BCE	100	2048	Genesis 21:5
Issac	2186 BCE to 2126 BCE	60	2108	Genesis 25:26
117th Year of Jacob	2126 BCE to 2009 BCE	117	2225	Genesis 47:28
130th Year of Jacob	2009 BCE to 1996 BCE	13	2238	Genesis 41:46
147th Year of Jacob	1996 BCE to 1979 BCE	17	2255	Genesis 47:28
400 Years Prophecy	1979 BCE to 1579 BCE	400	2655	Genesis 15:13-16
40 Years	1579 BCE to 1539 BCE	40	2695	Joshua 5:6
4th Year of Solomon	1539 BCE to 1099 BCE	440	3135	1 Kings 6:1-2
5th Year of Solomon	1099 BCE to 1098 BCE	1	3136	1 Ki. 6:1-2
King, Solomon	1098 BCE to 1063 BCE	35	3171	1 Ki. 11:42
Kings of Judah	1063 BCE to 609 BCE	455 (392 + 63)	3626	Mystery (1Cor. 13:10)
70 Years Punished	609 BCE to 538 BCE	70	3696	2 Chr. 36:21-23
84 Years gap	538 BCE to 455 BCE	84	3780	Detector - 2
1 to 69 Weeks	455 BCE to CE 29	483	4263	Daniel 9:24-25
70th Week	CE 29 to CE 36	7	4270	Daniel 9:24-25
CE 36 to CE 1989	CE 36 to CE 1989	1953	6223	According to Formula
CE1989 to CE 2018	CE 1989 to CE 2018	29	6252	According to Formula
CE 2018 to CE 2129	CE 2018 to CE 2129	111	6363	According to Formula
CE 2129 to CE 2132	CE 2129 to CE 2132	3.5	6366.5	Rev. 11:1-14/2 Prophets!
CE 2132 to CE 2136	CE 2132 to CE 2136	3.5	6370	Rev. 13:1-18/Beast rules!

2,326,480 days are thre from 6 PM on 23rd Feb., 4234 BCE to 6 PM on 27th Sep., CE 2136 (Acts 4:27-28; Gen. 1:13-19)!

The Book of Yahweh is written by about 40 Persons about from 1579 BCE to CE 95 = 1673 Years (Isaiah 34:16)!

MISING 63 YEARS (MYSTERY), 70 WEEKS PROPHECY, AND DETECTOR - 2

49 - Year Luni Solar Cycle only satisfies all Historical events with Phases of the Moon from the beginning. Please study under 8aa also in www.yahwehcalendar49.com

490 YEARS are there from the end of 5th year of King, Solomon to the end of 10th year of King, Zedekiah = 35 + 392 + 63 (Isa. 34:16). So detector - 1 = 63 Years = Mystery.

Our Website only gives accurate History, and Chronology from Adam to CE 2136!

490 YEARS = 1099 BCE to 609 BCE. And 392/393 years are not suitable to the Scriptures (Acts 4:27-28; Dan. 9:14). The Messiah resurrected on 16th May, CE 33, Saturday!

Rehoboam to Zedekiah = 392.5 YEARS according to the Scriptures.

70 WEEKS PROPHECY reveals that the Messiah begin His Ministry on 32nd Jubilee Year which occurred from 6 PM on 15th to 16th Nov., CE 29 only (Luke 4:17-21).

Please ask the proofs of every doctrine and Appointed Times of Yahweh!

70 WEEKS PROPHECY proves that there are 490 YEARS completed in it (490 Luni Solar Years = 178,960 Days = 10 Cycles = 10 Luni Solar and Tropical Cycles)!

It is the time to know accurate History, Chronology, and Astronomy !

70 WEEKS (490 Years) proves that the Messiah born on 10th Nov., 1 BCE, in Summer but not in Winter (Luke 1:1-39, 2:1-21; Jer. 40:12, 41:1; John 18:18 Cf. Ex. 23:16)!

Please beware of false Calendars!

70 WEEKS PROPHECY (455 BCE to CE 36 = Acts 4:27-28) proves that the Messiah born, and impaled during the reign of Roman KINGDOM (Luke 2:1-2; 3:1-2, 23:1-53)!

Please beware of false Prophets, and false calendar producers around the World!

This Chronology proves that Yahweh's Calendar is Luni Solar Calendar (Genesis 1:13-19; Psalms 81:1-5). So the Messiah impaled on 13th May, CE 33, Wednesday.

2 Days = 2,000 Years = CE 136 to CE 2136 (Hosea 6:1-2)

DETECTOR - 2

<https://christianity.stackexchange.com/questions/17680/who-were-the-40-men-who-wrote-the-bible>

70 Years (p)

Detector - 2

69 Weeks = 483 Yrs. = (q)

13 Cycles or 13 Jubilee Years (r) = 637 Years

So Detector - 2 = { r - [(p) + (q)] } = 637 - 553 = 84 Years

Therefore Detector - 2 = 84 Years.

Sp.note: Israelis deleted 473 years from the Book of Yahweh (Deut. 4:1-2, 12:32).

The below link gives days, and day of Week too!

<http://astropixels.com/ephemeris/calendarconverter.html>