

					0.100							0.0	2.000 ϕ	
	Gap (yrs)	Date	Time	JD2000	Separation	Ecliptic Longitude	Elongation	m1	m2	Regulus Longitude	degrees from Regulus			
447.1	1	-5175	-5175/05/13	17:56:00	-2620522.8	0.046	358.6	-11	-3.9	-1.8	51.6	-307.0	1	
321.7	1	-5069	-5069/03/10	19:02:30	-2581870.7	0.642	325.9	17	-3.9	-1.8	53.0	-272.9	1	
446.9	1	-5068	-5068/05/30	16:46:16	-2581423.8	0.140	10.1	-17	-3.9	-1.8	53.0	43.0	1	
448.0	1	-4820	-4820/04/15	10:38:55	-2490887.1	0.045	335.4	-10	-3.9	-1.8	56.3	-279.0	1	
447.6	1	-4689	-4689/05/08	23:29:41	-2443016.5	0.007	355.6	-12	-3.9	-1.8	58.1	-297.5	1	
443.7	1	-4627	-4627/08/13	17:12:42	-2420273.8	0.102	83.9	-19	-3.9	-1.6	59.0	-24.9	1	
312.5	1	-4626	-4626/06/22	4:17:56	-2419961.3	1.321	96.7	46	-4.5	-1.7	59.0	-37.7	1	
116.1	1	-4626	-4626/10/16	6:43:28	-2419845.2	1.206	121.3	-46	-4.6	-1.7	59.0	-62.3	1	
311.8	1	-4625	-4625/08/24	1:21:10	-2419533.4	0.497	134.1	21	-3.9	-1.7	59.0	-75.1	1	
316.1	1	-4559	-4559/03/09	21:48:26	-2395593.6	0.675	330.9	18	-3.9	-1.9	59.9	-271.0	1	
447.0	1	995	-4558	-4558/05/30	21:25:23	-2395146.6	0.087	15.2	-15	-3.9	-1.8	59.9	44.7	1
447.6	1		-4179	-4179/05/07	5:34:14	-2256740.3	0.023	359.6	-11	-3.9	-1.8	65.0	-294.6	1
447.1	1	Creation	-4048	-4048/05/29	18:29:56	-2208869.7	0.034	19.9	-14	-3.9	-1.8	66.8	46.9	1
448.1	1		-3693	-3693/05/02	1:39:36	-2079234.4	0.044	356.2	-13	-3.9	-1.8	71.6	-284.6	1
444.2	1		-3631	-3631/08/08	1:19:13	-2056490.4	0.070	85.6	-19	-3.9	-1.6	72.5	-13.2	1
312.6	1		-3630	-3630/06/16	16:45:21	-2056177.8	0.735	98.6	45	-4.5	-1.7	72.5	-26.1	1
116.7	1		-3630	-3630/10/11	8:28:35	-2056061.1	1.513	123.1	-47	-4.6	-1.7	72.5	-50.7	1
310.9	1		-3629	-3629/08/18	4:54:07	-2055750.3	0.339	135.6	21	-3.9	-1.7	72.5	-63.1	1
447.6	1	510	-3562	-3562/05/24	6:15:05	-2031364.2	0.102	16.1	-16	-3.9	-1.8	73.4	57.3	1
448.1	1		-3183	-3183/04/30	13:13:25	-1892957.9	0.019	0.5	-12	-3.9	-1.8	78.5	78.0	1
444.3	1		-3121	-3121/08/08	1:49:21	-1870213.4	0.004	90.5	-18	-3.9	-1.6	79.4	-11.1	1
317.0	1		-3120	-3120/06/20	2:01:09	-1869896.4	1.478	103.9	43	-4.5	-1.7	79.4	-24.5	1
114.7	1		-3120	-3120/10/12	19:28:05	-1869781.7	1.041	128.3	-47	-4.5	-1.7	79.4	-48.8	1
308.3	1		-3119	-3119/08/17	3:23:05	-1869473.4	0.353	140.2	23	-3.8	-1.7	79.4	-60.8	1
447.7	1	131	-3052	-3052/05/23	12:35:37	-1845087.0	0.052	21.3	-14	-3.9	-1.8	80.3	59.0	1
443.5	1		-2990	-2990/08/29	2:12:35	-1822344.4	0.018	109.4	-21	-3.9	-1.6	81.2	-28.2	1
309.3	1		-2989	-2989/07/04	9:56:04	-1822035.1	1.588	121.4	46	-4.4	-1.7	81.2	-40.2	1
114.9	1		-2989	-2989/10/27	8:04:03	-1821920.2	0.919	145.8	-45	-4.7	-1.7	81.2	-64.6	1
315.9	1		-2988	-2988/09/07	5:08:06	-1821604.3	0.564	159.3	19	-3.9	-1.7	81.2	-78.1	1
322.8	1		-2922	-2922/03/25	21:39:47	-1797663.6	0.729	357.2	17	-3.9	-1.9	82.1	-275.1	1
446.9	1	355	-2921	-2921/06/15	19:38:51	-1797216.7	0.101	41.4	-16	-3.9	-1.7	82.1	40.7	1
448.2	1		-2673	-2673/04/30	13:24:14	-1706680.9		5.5	-10	-3.9	-1.8	85.5	80.0	1
444.8	1		-2635	-2635/08/02	8:47:39	-1692707.1	0.045	87.5	-19	-3.9	-1.7	86.0	-1.4	1
312.8	1		-2634	-2634/06/11	2:55:11	-1692394.4	0.127	100.6	45	-4.4	-1.7	86.0	-14.5	1
117.3	1		-2634	-2634/10/06	9:48:50	-1692277.1	1.782	125.1	-47	-4.5	-1.7	86.0	-39.1	1
310.0	1		-2633	-2633/08/12	10:50:00	-1691967.0	0.167	137.2	21	-3.9	-1.6	86.0	-51.2	1
447.7	1		-2542	-2542/05/22	21:07:28	-1658810.6	0.014	25.5	-13	-3.9	-1.8	87.3	61.8	1
317.3	1	510	-2412	-2412/03/23	22:49:23	-1611387.5	0.752	0.9	18	-3.9	-1.9	89.1	88.1	1
447.1	1		-2411	-2411/06/14	0:24:43	-1610940.5	0.051	45.3	-15	-3.9	-1.8	89.1	43.8	1
444.8	1		-2125	-2125/08/02	13:49:01	-1506429.9	0.026	92.6	-18	-3.9	-1.7	93.0	0.4	1
317.5	1		-2124	-2124/06/15	2:52:59	-1506112.4	0.859	106.4	42	-4.5	-1.7	93.0	-13.4	1
114.8	1		-2124	-2124/10/07	23:15:02	-1505997.5	1.271	130.5	-47	-4.4	-1.7	93.0	-37.5	1
307.7	1		-2123	-2123/08/11	15:10:07	-1505689.9	0.179	142.2	23	-3.8	-1.6	93.0	-49.2	1
448.2	1		-2056	-2056/05/16	20:05:17	-1481304.7	0.091	22.3	-15	-3.9	-1.8	93.9	71.6	1
447.8	1	131	-2032	-2032/05/22	7:54:08	-1472533.2	0.038	31.0	-11	-3.9	-1.8	94.2	63.2	1

444.0	1	-1994	-1994/08/23	14:51:07	-1458560.9	0.043	111.4	-21	-3.9	-1.6	94.8	-16.7	1	
309.4	1	-1993	-1993/06/29	0:46:25	-1458251.5	1.090	123.6	46	-4.4	-1.7	94.8	-28.8	1	
116.0	1	-1993	-1993/10/23	1:47:04	-1458135.4	1.239	148.0	-45	-4.6	-1.7	94.8	-53.2	1	
314.5	1	-1992	-1992/09/01	12:43:04	-1457821.0	0.423	161.0	19	-3.9	-1.6	94.8	-66.3	1	
447.6	1	224	-1925	-1925/06/09	7:16:40	-1433434.2	0.122	42.5	-17	-3.9	-1.8	95.7	53.2	1
446.4	1	-1770	-1770/07/06	7:28:08	-1376793.2	0.014	70.4	-16	-3.9	-1.7	97.8	27.5	1	
329.7	1	-1769	-1769/06/01	1:21:11	-1376463.4	1.617	85.7	34	-4.4	-1.7	97.8	12.2	1	
105.9	1	-1769	-1769/09/14	22:14:33	-1376357.6	1.906	109.6	-46	-4.3	-1.7	97.8	-11.7	1	
305.3	1	-1768	-1768/07/16	6:25:39	-1376052.2	0.325	120.9	24	-3.8	-1.6	97.9	-23.0	1	
442.6	1	-1767	-1767/10/01	20:33:35	-1375609.6	0.154	161.3	-12	-3.9	-1.6	97.9	-63.4	1	
448.3	1	286	-1546	-1546/05/15	21:07:07	-1295028.6	0.063	26.1	-13	-3.9	-1.8	100.9	74.8	1
444.2	1	-1484	-1484/08/22	4:15:01	-1272284.3	0.097	115.7	-19	-3.9	-1.6	101.7	-14.0	1	
312.0	1	-1483	-1483/06/30	3:49:58	-1271972.3	1.487	128.3	45	-4.4	-1.7	101.8	-26.6	1	
117.0	1	-1483	-1483/10/25	4:15:53	-1271855.3	0.663	152.8	-46	-4.5	-1.7	101.8	-51.1	1	
310.9	1	-1482	-1482/09/01	2:36:53	-1271544.4	0.438	165.3	21	-3.9	-1.6	101.8	-63.5	1	
	131	-1460												
447.8	1	-1415	-1415/06/07	13:06:21	-1247158.0	0.075	46.5	-16	-3.9	-1.8	102.7	56.2	1	
443.3	1	-1353	-1353/09/12	21:43:42	-1224415.6	0.155	134.3	-23	-3.9	-1.6	103.5	-30.8	1	
307.0	1	-1352	-1352/07/15	20:40:51	-1224108.6	1.773	145.8	46	-4.3	-1.7	103.6	-42.2	1	
108.4	1	-1352	-1352/11/01	5:40:24	-1224000.3	1.689	169.7	-39	-4.7	-1.7	103.6	-66.1	1	
324.7	1	-1351	-1351/09/21	21:47:43	-1223675.6	0.609	184.0	18	-3.9	-1.7	103.6	-80.4	1	
445.5	1	224	-1129	-1129/07/27	20:53:00	-1142646.6	0.045	94.6	-18	-3.9	-1.7	106.6	12.1	1
317.9	1	-1128	-1128/06/09	19:16:58	-1142328.7	0.175	108.8	42	-4.5	-1.7	106.6	-2.2	1	
115.2	1	-1128	-1128/10/03	0:15:40	-1142213.5	1.484	132.8	-47	-4.4	-1.7	106.6	-26.2	1	
307.2	1	-1127	-1127/08/06	4:20:58	-1141906.3	0.005	144.4	23	-3.8	-1.6	106.6	-37.8	1	
442.6	1	131	-1126	-1126/10/22	19:46:10	-1141463.7	0.172	185.1	-14	-3.9	-1.6	106.7	-78.4	1
448.4	1	-1036	-1036/05/15	11:59:52	-1108751.0	0.017	31.8	-12	-3.9	-1.8	107.9	76.1	1	
444.6	1	-998	-998/08/18	2:28:20	-1094777.4	0.064	113.6	-21	-3.9	-1.6	108.4	-5.2	1	
309.5	1	-997	-997/06/23	14:31:49	-1094467.9	0.567	125.9	46	-4.4	-1.7	108.4	-17.4	1	
117.1	1	-997	-997/10/18	16:10:55	-1094350.8	1.532	150.3	-45	-4.6	-1.7	108.4	-41.9	1	
313.2	1	-996	-996/08/26	22:09:39	-1094037.6	0.266	163.0	19	-3.9	-1.6	108.4	-54.5	1	
447.8	1	-905	-905/06/08	1:11:11	-1060880.5	0.016	52.1	-14	-3.9	-1.8	109.7	57.6	1	
448.8	1	510	-550	-550/05/08	20:26:53	-931246.6	0.129	26.7	-14	-3.9	-1.9	114.6	87.9	1
448.4	1	-526	-526/05/14	13:22:57	-922474.9	0.010	35.7	-11	-3.9	-1.9	114.9	79.2	1	
444.7	1	-488	-488/08/16	15:01:05	-908500.9	0.121	117.9	-19	-3.9	-1.6	115.4	-2.5	1	
312.1	1	Period of the Wise Men	-487	-487/06/24	16:48:02	-908188.8	0.909	130.6	45	-4.4	-1.7	115.4	-15.2	1
117.6	1		-487	-487/10/20	8:07:44	-908071.2	0.966	155.1	-46	-4.5	-1.7	115.4	-39.6	1
310.1	1		-486	-486/08/26	10:56:37	-907761.0	0.271	167.2	21	-3.9	-1.6	115.4	-51.8	1
			-450											
448.3	1	-419	-419/05/31	21:59:42	-883375.6	0.121	47.6	-16	-3.9	-1.8	116.4	68.7	1	
447.9	1	131	-395	-395/06/06	9:18:43	-874604.1	0.030	56.3	-13	-3.9	-1.8	116.7	60.4	1
443.8	1	-357	-357/09/07	13:59:46	-860631.9	0.174	136.7	-22	-3.9	-1.6	117.2	-19.4	1	
307.0	1	-356	-356/07/10	13:28:40	-860324.9	1.348	148.2	46	-4.3	-1.7	117.2	-31.0	1	
111.1	1	-356	-356/10/29	14:47:21	-860213.9	1.648	172.1	-41	-4.7	-1.7	117.2	-54.8	1	
321.7	1	-355	-355/09/16	7:45:43	-859892.2	0.484	186.0	18	-3.9	-1.6	117.3	-68.7	1	
446.3	1	224	-133	-133/07/22	1:23:42	-778863.4	0.049	96.6	-18	-3.9	-1.7	120.3	23.8	1
318.2	1	-132	-132/06/04	5:00:49	-778545.3	0.540	111.3	42	-4.5	-1.7	120.3	9.1	1	

Balaam issues Oracle that prophecies the Star (Numbers 24:17)

Decree of Artaxerxes to Rebuild J d Jerusalem

(Daniel 9:25)

1.709 Quad

0.121

0.909

0.966

0.271

2.267 total sep 4 conj

0.174

1.348

1.648

0.484

3.654 Total sep

0.049

115.7	1		-132	-132/09/27	22:46:23	-778429.6	1.682	135.2	-47	-4.4	-1.7	120.3	-14.9	1	0.54
306.8	1		-131	-131/07/31	18:23:31	-778122.7	0.191	146.8	22	-3.9	-1.6	120.3	-26.4	1	1.682
442.5	1	131	-130	-130/10/17	6:17:43	-777680.2	0.226	187.0	-14	-3.9	-1.6	120.4	-66.6	1	0.191
448.7	1		-40	-40/05/08	5:00:46	-744969.3	0.094	32.1	-12	-3.9	-1.9	121.6	89.5	1	2.462 total sep
445.2	1	10 mos	-2	-2/08/12	8:19:29	-730994.2	0.072	115.6	-21	-3.9	-1.7	122.1	6.6	1	0.072
309.5	1	time sep	-1	-1/06/17	20:50:12	-730684.6	0.007	128.1	45	-4.3	-1.7	122.1	-5.9	1	0.007
118.0	1		-1	-1/10/13	21:51:08	-730566.6	1.830	152.6	-46	-4.6	-1.7	122.1	-30.5	1	1.83
312.4	1		0	0/08/21	7:53:57	-730254.2	0.097	165.0	19	-3.9	-1.6	122.1	-42.9	1	0.097
442.6	1	24	1	1/11/06	21:53:13	-729811.6	0.260	205.6	-17	-3.9	-1.6	122.2	-83.4	1	2.006 degrees separation 4 c
444.8	1		22	22/08/17	4:30:04	-722223.3	0.185	123.5	-18	-3.9	-1.6	122.4	-1.1	1	
316.7	1		23	23/06/29	21:35:40	-721906.6	1.827	136.8	43	-4.5	-1.7	122.5	-14.4	1	
115.6	1		23	23/10/23	12:18:48	-721791.0	0.486	161.2	-47	-4.4	-1.7	122.5	-38.7	1	
307.6	1		24	24/08/26	1:55:03	-721483.4	0.310	172.9	22	-3.8	-1.6	122.5	-50.4	1	
		131	70	Destruction of the Temple, Jerusalem and the beginning of the Diaspora											
448.4	1		91	91/05/31	23:14:33	-697098.5	0.072	52.7	-15	-3.9	-1.8	123.4	70.7	1	
444.0	1		153	153/09/06	20:48:27	-674354.6	0.225	141.9	-21	-3.9	-1.6	124.3	-17.6	1	
309.0	1		154	154/07/12	20:55:54	-674045.6	1.748	153.8	46	-4.3	-1.7	124.3	-29.5	1	
116.0	1		154	154/11/05	22:02:52	-673929.6	0.230	178.0	-45	-4.6	-1.7	124.3	-53.7	1	
314.6	1		155	155/09/16	13:23:52	-673614.9	0.526	191.1	19	-3.9	-1.6	124.3	-66.8	1	
447.9	1	224	222	222/06/23	4:34:14	-649228.3	0.061	72.6	-17	-3.9	-1.8	125.2	52.6	1	
446.4	1		377	377/07/20	9:29:19	-592587.1	0.107	100.7	-16	-3.9	-1.7	127.3	26.6	1	
326.7	1		378	378/06/12	2:35:53	-592260.4	1.273	116.0	37	-4.5	-1.7	127.4	11.4	1	
108.8	1		378	378/09/28	21:27:03	-592151.6	1.364	139.8	-46	-4.3	-1.7	127.4	-12.4	1	
305.4	1		379	379/07/31	7:33:11	-591846.2	0.210	151.1	24	-3.8	-1.6	127.4	-23.7	1	
442.5	1	131	380	380/10/15	19:49:21	-591403.7	0.218	191.3	-12	-3.9	-1.6	127.4	-63.9	1	
445.4	1		508	508/08/10	22:10:15	-544717.6	0.132	120.0	-19	-3.9	-1.7	129.2	9.2	1	
312.2	1		509	509/06/19	3:24:50	-544405.4	0.310	133.1	45	-4.4	-1.7	129.2	-3.9	1	1.709 quartet
118.4	1		509	509/10/15	12:28:48	-544287.0	1.239	157.6	-46	-4.5	-1.7	129.2	-28.4	1	
309.5	1		510	510/08/21	0:57:40	-543977.5	0.098	169.6	21	-3.9	-1.6	129.2	-40.4	1	
442.6	1		511	511/11/06	15:15:26	-543534.9	0.233	210.1	-16	-3.9	-1.6	129.2	-80.9	1	
448.6	1	131	601	601/05/30	15:33:33	-510821.9	0.028	57.3	-13	-3.9	-1.9	130.4	73.1	1	
444.4	1		639	639/09/02	3:34:46	-496848.4	0.189	139.0	-22	-3.9	-1.6	131.0	-8.0	1	
307.1	1		640	640/07/05	4:57:35	-496541.3	0.892	150.7	46	-4.3	-1.7	131.0	-19.7	1	
113.3	1		640	640/10/26	11:37:42	-496428.0	1.777	174.8	-42	-4.7	-1.7	131.0	-43.8	1	
319.4	1		641	641/09/10	21:05:47	-496108.6	0.343	188.2	18	-3.9	-1.6	131.0	-57.2	1	
448.0	1	224	732	732/06/22	13:40:39	-462950.9	0.005	78.1	-15	-3.9	-1.8	132.3	54.1	1	
447.0	1		863	863/07/15	19:41:24	-415080.7	0.032	98.1	-18	-3.9	-1.8	134.1	35.9	1	
317.8	1		864	864/05/28	15:36:27	-414762.8	1.331	113.2	42	-4.5	-1.7	134.1	20.9	1	
116.8	1		864	864/09/22	10:36:57	-414646.1	1.899	137.4	-47	-4.3	-1.7	134.1	-3.3	1	
306.8	1		865	865/07/26	4:48:48	-414339.3	0.381	149.0	22	-3.9	-1.6	134.1	-14.9	1	
442.6	1	224	866	866/10/11	19:34:14	-413896.7	0.286	189.1	-14	-3.9	-1.6	134.1	-55.0	1	
445.7	1		1018	1018/08/11	8:33:00	-358440.1	0.200	125.5	-18	-3.9	-1.7	136.2	10.7	1	
317.0	1		1019	1019/06/24	8:06:10	-358123.2	1.129	139.3	43	-4.5	-1.7	136.2	-3.1	1	
116.1	1		1019	1019/10/18	10:19:10	-358007.1	0.750	163.6	-47	-4.4	-1.7	136.2	-27.3	1	
307.1	1		1020	1020/08/20	13:43:55	-357699.9	0.128	175.1	22	-3.8	-1.6	136.2	-38.9	1	
442.4	1		1021	1021/11/06	0:08:27	-357257.5	0.198	215.4	-14	-3.9	-1.6	136.3	-79.2	1	
449.0	1	131	1087	1087/05/24	13:12:16	-333316.9	0.148	52.9	-15	-3.9	-1.9	137.2	84.2	1	

448.6	1		1111	1111/05/30	8:02:14	-324545.2	0.016	62.0	-12	-3.9	-1.9	137.5	75.5	1	
444.6	1		1149	1149/09/01	3:54:50	-310571.3	0.243	144.0	-21	-3.9	-1.6	138.0	-5.9	1	
309.0	1		1150	1150/07/07	3:53:11	-310262.3	1.219	156.0	46	-4.3	-1.7	138.0	-18.0	1	
117.0	1		1150	1150/11/01	4:58:11	-310145.3	0.613	180.3	-45	-4.6	-1.7	138.0	-42.2	1	
313.6	1	224	1151	1151/09/10	19:47:23	-309831.7	0.370	193.0	19	-3.9	-1.6	138.1	-55.0	1	
447.3	1		1373	1373/07/14	0:59:24	-228804.5	0.087	102.2	-17	-3.9	-1.8	141.1	38.9	1	
329.0	1		1374	1374/06/07	23:52:44	-228475.5	0.269	119.1	35	-4.5	-1.7	141.1	22.0	1	
107.3	1		1374	1374/09/23	7:58:45	-228368.2	1.568	142.0	-46	-4.3	-1.7	141.1	-0.9	1	
305.5	1		1375	1375/07/25	18:47:51	-228062.7	0.407	153.5	24	-3.8	-1.6	141.2	-12.3	1	
442.7	1	131	1376	1376/10/10	10:54:28	-227620.0	0.287	193.6	-12	-3.9	-1.6	141.2	-52.4	1	
446.3	1		1504	1504/08/05	1:21:16	-180934.4	0.131	122.0	-19	-3.9	-1.7	142.9	20.9	1	
312.3	1		1505	1505/06/13	9:26:00	-180622.1	0.308	135.5	44	-4.4	-1.7	143.0	7.5	1	
119.1	1		1505	1505/10/10	12:44:26	-180503.0	1.500	160.1	-47	-4.5	-1.7	143.0	-17.2	1	
309.1	1		1506	1506/08/15	15:31:26	-180193.9	0.083	172.1	21	-3.9	-1.6	143.0	-29.1	1	
442.5	1		1507	1507/11/01	2:34:16	-179751.4	0.289	212.1	-15	-3.9	-1.6	143.0	-69.1	1	
449.0	1	131	1597	1597/06/02	12:07:37	-147040.0	0.108	57.9	-14	-3.9	-1.9	144.2	86.3	1	
445.1	1		1635	1635/09/06	15:54:36	-133064.8	0.194	141.4	-22	-3.9	-1.7	144.8	3.3	1	
307.2	1		1636	1636/07/09	19:40:05	-132757.7	0.421	153.4	46	-4.3	-1.7	144.8	-8.6	1	
115.0	1		1636	1636/11/01	19:53:52	-132642.7	1.982	177.6	-43	-4.7	-1.7	144.8	-32.9	1	
317.7	1		1637	1637/09/15	12:07:34	-132325.0	0.189	190.7	18	-3.9	-1.6	144.8	-45.9	1	
442.5	1	24	1638	1638/12/01	23:02:47	-131882.5	0.312	231.0	-19	-3.9	-1.6	144.8	-86.2	1	
444.7	1		1659	1659/09/11	13:33:20	-124293.9	0.299	149.4	-19	-3.9	-1.6	145.1	-4.3	1	0.299
311.8	1		1660	1660/07/19	9:23:31	-123982.1	1.782	161.9	45	-4.4	-1.7	145.1	-16.8	1	1.782
117.9	1		1660	1660/11/14	6:30:43	-123864.2	0.026	186.3	-46	-4.5	-1.7	145.1	-41.2	1	0.026
309.9	1		1661	1661/09/20	5:10:47	-123554.3	0.411	198.5	21	-3.9	-1.6	145.1	-53.3	1	0.411
448.6	1	131	1728	1728/06/26	14:55:11	-99168.9	0.055	79.0	-16	-3.9	-1.9	146.1	67.1	1	2.518 degrees separation 4
443.8	1		1790	1790/10/03	10:06:04	-76425.1	0.367	168.1	-22	-3.9	-1.6	146.9	-21.1	1	0.367
306.8	1		1791	1791/08/06	6:02:04	-76118.2	1.980	179.4	46	-4.3	-1.7	146.9	-32.5	1	1.98
110.4	1		1791	1791/11/24	14:41:24	-76007.9	0.233	202.5	-40	-4.7	-1.7	146.9	-55.5	1	0.233
322.3	1		1792	1792/10/11	22:25:25	-75685.6	0.603	217.0	18	-3.9	-1.6	146.9	-70.0	1	0.603 3.183 Total sep
		224	1948	Restoration of the Jewish people and the rebirth of Israel as a Nation											
446.4	1	Season of	2014	2014/08/18	5:12:24	5342.7	0.198	127.2	-18	-3.9	-1.7	150.0	22.8	1	0.198
316.9	1	Lord's	2015	2015/07/01	3:50:11	5659.7	0.334	141.5	43	-4.5	-1.7	150.0	8.5	1	0.334
116.8	1	Return	2015	2015/10/25	23:39:02	5776.5	1.025	165.8	-47	-4.4	-1.7	150.0	-15.8	1	1.025
307.0	1		2016	2016/08/27	22:32:06	6083.4	0.067	177.4	22	-3.9	-1.6	150.1	-27.3	1	0.067
442.4	1	131	2017	2017/11/13	8:24:52	6525.9	0.262	217.4	-14	-3.9	-1.6	150.1	-67.3	1	1.624 degrees separation 4
449.0	1	Millennium	2107	2107/06/05	16:36:29	39236.2	0.078	62.0	-13	-3.9	-1.9	151.3	89.4	1	
445.3	1		2145	2145/09/09	8:17:55	53211.8	0.250	146.0	-21	-3.9	-1.7	151.9	5.8	1	0.25
309.1	1		2146	2146/07/15	9:55:55	53520.9	0.669	158.4	46	-4.3	-1.7	151.9	-6.5	1	0.669
118.0	1		2146	2146/11/10	10:47:51	53638.9	0.966	182.8	-45	-4.6	-1.7	151.9	-30.9	1	0.966
312.9	1		2147	2147/09/19	7:21:26	53951.8	0.204	195.4	19	-3.9	-1.6	151.9	-43.5	1	0.204
442.5	1		2148	2148/12/04	18:55:36	54394.3	0.271	235.7	-17	-3.9	-1.6	151.9	-83.8	1	2.089 degrees separation 4
448.7	1	224	2238	2238/06/29	17:12:46	87107.2	0.013	82.9	-15	-3.9	-1.9	153.2	70.3	1	
448.1	1		2369	2369/07/23	14:00:45	134978.1	0.047	103.7	-17	-3.9	-1.8	155.0	51.3	1	0.047
335.7	1		2370	2370/06/24	6:03:36	135313.8	0.354	122.9	30	-4.3	-1.7	155.0	32.1	1	0.354
101.4	1		2370	2370/10/03	15:15:57	135415.1	1.769	144.3	-46	-4.3	-1.8	155.0	10.7	1	1.769
305.6	1		2371	2371/08/05	5:51:50	135720.7	0.597	156.0	23	-3.8	-1.6	155.0	-0.9	1	0.597

442.9	1	131	2372	2372/10/21	3:05:28	136163.6	0.360	196.1	-12	-3.9	-1.6	155.0	-41.1	1	2.767 degrees separation 4
447.1	1		2500	2500/08/15	23:36:20	182848.5	0.111	123.9	-20	-3.9	-1.8	156.8	32.9	1	
312.4	1		2501	2501/06/24	9:05:09	183160.9	0.938	137.8	45	-4.4	-1.7	156.8	19.1	1	
119.9	1		2501	2501/10/22	7:22:16	183280.8	1.764	162.7	-46	-4.4	-1.7	156.8	-5.9	1	
309.0	1		2502	2502/08/27	6:33:37	183589.8	0.264	174.7	21	-3.8	-1.6	156.8	-17.8	1	
442.6	1	155	2503	2503/11/12	19:50:09	184032.3	0.350	214.6	-15	-3.9	-1.6	156.8	-57.8	1	
445.5	1		2655	2655/09/13	20:35:30	239489.4	0.313	151.7	-19	-3.9	-1.7	159.0	7.3	1	
312.0	1		2656	2656/07/21	21:37:29	239801.4	1.210	164.6	45	-4.4	-1.7	159.0	-5.6	1	
118.6	1		2656	2656/11/17	11:29:47	239920.0	0.331	189.1	-46	-4.5	-1.7	159.0	-30.1	1	
309.4	1		2657	2657/09/22	20:52:07	240229.4	0.245	201.0	21	-3.9	-1.6	159.0	-42.0	1	
442.4	1		2658	2658/12/09	5:35:18	240671.7	0.224	241.1	-16	-3.9	-1.6	159.0	-82.1	1	
448.8	1	131	2748	2748/07/03	3:40:30	273384.7	0.049	88.5	-13	-3.9	-1.9	160.3	71.7	1	
444.5	1		2786	2786/10/05	22:22:10	287358.4	0.385	170.5	-22	-3.9	-1.6	160.8	-9.7	1	
306.9	1		2787	2787/08/08	20:07:28	287665.3	1.550	182.1	46	-4.3	-1.7	160.8	-21.3	1	
112.8	1		2787	2787/11/29	15:32:08	287778.1	0.489	205.5	-41	-4.7	-1.7	160.8	-44.7	1	
319.8	1	224	2788	2788/10/14	10:49:08	288098.0	0.470	219.3	18	-3.9	-1.6	160.8	-58.5	1	
447.3	1		3010	3010/08/19	17:06:39	369125.2	0.173	128.6	-18	-3.9	-1.8	163.9	35.3	1	
316.7	1		3011	3011/07/02	9:55:33	369441.9	0.505	143.4	43	-4.5	-1.8	163.9	20.5	1	
117.9	1		3011	3011/10/28	6:43:03	369559.8	1.307	168.0	-46	-4.3	-1.7	163.9	-4.1	1	
307.0	1		3012	3012/08/30	7:31:26	369866.8	0.264	179.7	22	-3.9	-1.6	163.9	-15.8	1	
442.6	1	131	3013	3013/11/15	22:08:16	370309.4	0.332	219.7	-14	-3.9	-1.6	164.0	-55.8	1	
446.2	1		3141	3141/09/11	6:01:37	416994.8	0.242	147.9	-21	-3.9	-1.7	165.7	17.9	1	
309.2	1		3142	3142/07/17	10:21:09	417303.9	0.090	160.7	45	-4.3	-1.7	165.8	5.1	1	
119.0	1		3142	3142/11/13	9:52:06	417422.9	1.321	185.4	-45	-4.5	-1.7	165.8	-19.6	1	
312.4	1		3143	3143/09/21	20:13:34	417735.3	0.029	197.9	19	-3.9	-1.6	165.8	-32.1	1	
442.4	1	24	3144	3144/12/07	6:55:17	418177.8	0.331	237.9	-17	-3.9	-1.6	165.8	-72.1	1	
445.8	1		3165	3165/09/16	9:56:46	425765.9	0.364	156.2	-18	-3.9	-1.7	166.1	9.9	1	
315.8	1		3166	3166/07/29	4:06:16	426081.7	1.886	169.6	43	-4.5	-1.7	166.1	-3.5	1	
117.1	1		3166	3166/11/23	6:13:23	426198.8	0.036	194.0	-47	-4.4	-1.7	166.1	-27.9	1	
307.3	1		3167	3167/09/26	13:09:56	426506.0	0.260	205.6	22	-3.9	-1.6	166.1	-39.5	1	
442.3	1		3168	3168/12/11	20:39:31	426948.4	0.189	245.6	-14	-3.9	-1.6	166.1	-79.5	1	
449.2	1	131	3234	3234/06/29	11:15:09	450889.0	0.102	83.4	-15	-3.9	-1.9	167.0	83.6	1	
444.6	1		3296	3296/10/07	13:42:41	473635.1	0.425	175.1	-21	-3.9	-1.6	167.9	-7.2	1	
308.7	1		3297	3297/08/12	5:50:02	473943.7	1.874	187.0	46	-4.3	-1.7	167.9	-19.0	1	
117.1	1		3297	3297/12/07	7:11:15	474060.8	0.386	211.0	-45	-4.6	-1.7	167.9	-43.1	1	
313.8	1	69	3298	3298/10/17	2:18:59	474374.6	0.496	223.9	19	-3.9	-1.6	167.9	-56.0	1	
448.7	1		3365	3365/07/23	16:29:43	498760.2	0.019	104.7	-18	-3.9	-1.9	168.9	64.2	1	
342.2	1		3366	3366/06/30	20:29:10	499102.4	0.295	125.6	25	-4.1	-1.8	168.9	43.3	1	
95.6	1		3366	3366/10/04	10:25:37	499197.9	1.996	146.2	-46	-4.2	-1.8	168.9	22.7	1	
306.0	1		3367	3367/08/06	11:22:12	499504.0	0.781	158.3	23	-3.8	-1.7	168.9	10.7	1	
443.4	1	155	3368	3368/10/22	19:48:25	499947.3	0.433	198.8	-12	-3.9	-1.6	168.9	-29.8	1	
447.5	1		3520	3520/08/22	21:57:24	555402.4	0.241	134.0	-17	-3.9	-1.8	171.0	37.1	1	
325.3	1		3521	3521/07/14	5:10:36	555727.7	1.211	149.6	38	-4.5	-1.7	171.1	21.4	1	
111.1	1		3521	3521/11/02	7:25:53	555838.8	0.923	173.8	-46	-4.3	-1.7	171.1	-2.7	1	
305.4	1		3522	3522/09/03	17:31:50	556144.2	0.251	185.3	24	-3.8	-1.6	171.1	-14.2	1	
442.5	1	131	3523	3523/11/20	5:32:37	556586.7	0.312	225.1	-12	-3.9	-1.6	171.1	-54.0	1	
446.4	1		3651	3651/09/14	20:47:36	603272.4	0.312	153.7	-19	-3.9	-1.7	172.9	19.2	1	

312.2	1		3652	3652/07/23	1:05:56	603584.5	0.577	167.0	45	-4.4	-1.7	172.9	5.9	1
119.3	1		3652	3652/11/19	8:24:14	603703.9	0.645	191.7	-46	-4.4	-1.7	172.9	-18.8	1
309.1	1		3653	3653/09/24	10:54:44	604013.0	0.066	203.7	21	-3.9	-1.6	172.9	-30.8	1
442.3	1	131	3654	3654/12/10	18:46:37	604455.3	0.288	243.5	-15	-3.9	-1.6	172.9	-70.5	1
449.2	1		3744	3744/07/02	13:17:25	637166.1	0.049	88.6	-14	-3.9	-1.9	174.2	85.6	1
445.2	1		3782	3782/10/07	3:00:32	651141.6	0.391	172.7	-22	-3.9	-1.7	174.7	2.0	1
307.0	1		3783	3783/08/10	2:32:09	651448.6	1.063	184.5	46	-4.3	-1.7	174.7	-9.8	1
114.5	1		3783	3783/12/02	14:21:43	651563.1	0.859	208.4	-42	-4.7	-1.7	174.7	-33.6	1
318.3	1		3784	3784/10/15	22:28:40	651881.4	0.316	221.8	18	-3.9	-1.6	174.7	-47.0	1
442.3	1	224	3786	3786/01/01	6:27:03	652323.8	0.279	261.8	-19	-3.9	-1.6	174.8	-87.1	1
448.9	1		3875	3875/07/27	8:40:45	685036.9	0.039	109.4	-16	-3.9	-1.9	176.0	66.7	1
448.2	1		4006	4006/08/19	20:44:21	732907.4	0.124	129.7	-19	-3.9	-1.8	177.9	48.2	1
316.3	1		4007	4007/07/02	3:41:20	733223.7	1.345	145.0	43	-4.5	-1.8	177.9	32.8	1
119.1	1		4007	4007/10/29	5:21:47	733342.7	1.606	170.0	-46	-4.3	-1.8	177.9	7.8	1
307.3	1		4008	4008/08/31	13:23:18	733650.1	0.464	182.1	22	-3.8	-1.6	177.9	-4.2	1
442.9	1	131	4009	4009/11/17	10:59:46	734093.0	0.409	222.1	-13	-3.9	-1.6	177.9	-44.2	1
447.1	1		4137	4137/09/12	1:12:38	780777.6	0.215	149.7	-21	-3.8	-1.8	179.7	30.0	1
309.3	1		4138	4138/07/18	8:35:40	781086.9	0.490	162.9	45	-4.3	-1.8	179.7	16.8	1
119.8	1		4138	4138/11/15	3:25:06	781206.6	1.676	188.0	-45	-4.5	-1.7	179.7	-8.3	1
312.2	1		4139	4139/09/23	9:01:14	781518.9	0.152	200.5	19	-3.9	-1.6	179.7	-20.8	1
442.5	1	62	4140	4140/12/08	20:54:37	781961.4	0.397	240.3	-17	-3.9	-1.6	179.7	-60.6	1
446.6	1		4161	4161/09/17	7:12:11	789548.8	0.362	158.1	-18	-3.9	-1.7	180.0	21.9	1
315.9	1		4162	4162/07/30	4:56:40	789864.7	1.153	172.1	43	-4.5	-1.7	180.0	8.0	1
117.8	1		4162	4162/11/24	23:01:38	789982.5	0.327	196.6	-46	-4.4	-1.7	180.0	-16.6	1
307.2	1		4163	4163/09/28	3:00:16	790289.6	0.073	208.3	22	-3.9	-1.6	180.1	-28.2	1
442.4	1		4164	4164/12/13	11:52:31	790732.0	0.259	248.1	-14	-3.9	-1.6	180.1	-68.0	1

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