DAILY HALACHIC TIME-CHARTS

Point of computation FAR ROCKAWAY NY 11691 -5 GMT 40 36N 73 45Wc The sunrise and sunset listed is accurate within 45 seconds, at 60° Fahrenheit and the barometric pressure of 30 inches of mercury. At extreme variations in temperature a larger variation will occur. ➢ ➢ PLEASE NOTE: certain columns were not rounded to the closest minute in order to reflect a more stringent time. This may give a false impression that some calculations are off by 1 minute.

LUACH Z'MANAI HAYOM

לוח זמני היום

טבת תשפ"ב

Standard Time

Dec '21 - Jan '22

Day of Week	Civil Date	עלות השחר DAWN 16.1° Below Horiz.	עלות השחר DAWN 72 Min. Const.	משיכיר Earliest Talis & T'filin 11°	משיכיר Earliest Talis & T'filin 10.2°	הנץ החמה SUN RISE	סוף זמן קריאת שמע LATEST SHMA M.A. Ast.	סוף זמן קריאת שמע LATEST SHMA M.A. Cust.	סוף זמן קריאת שמע LATEST SHMA Gro & Baal Tanya	סוף זמן תפילה שחרית Latest Shachris M.A. Cust. DN/3	סוף זמן תפילה שחרית Latest Shachris Gro & Baal Tanya	חצות הלילה והיום MID DAY & NIGHT	מנחה גדולה Earliest Mincha Gro & Baal Tanya	מנחה גדולה Earliest Mincha M.A Cust.	סמוך למנחה קטנה ½P.Hr. Before Mincha K'tana Gro & Baal Tanya	סמוך למנחה קטנה ½P.Hr. Before Mincha K'tana M.A. 9 Hrs D-N	מנחה קטנה Mincha K'tana 9½ Prop Hrs Gro S.R.-S.S.	מנחה קטנה Mincha K'tana 9½ Prop Hrs M.A. Dn-Nt	פלג המנחה PLAG HaMincha Gro & Baal Tanya	פלג המנחה PLAG HaMincha M.A. Dn-Nt.	Light Candles 18 Min.	שקיעה החמה SUN SET	½ Hr. Before Night R. Yona	½ Hr. Before Night R. Taam	NIGHTFALL R. Yona 3 Med. Stars	NIGHTFALL R. Yona 3 small Stars	NIGHTFALL R. Tam 72 Minutes	Prop Hour Sr-Ss Gro & Baal Tanya
א SUN	DEC 5	5:36	5:52	6:05	6:09	7:04	8:26	8:48	9:24	9:47	10:11	11:46	12:10	12:16	2:07	2:43	2:31	3:13	3:30	4:27		4:28	4:43	5:10	5:05	5:13	5:40	47.0
ב MON	DEC 6	5:37	5:52	6:06	6:10	7:04	8:27	8:49	9:25	9:48	10:12	11:46	12:10	12:16	2:07	2:43	2:31	3:13	3:30	4:27		4:28	4:43	5:10	5:05	5:13	5:40	46.9
ג TUE	DEC 7	5:38	5:53	6:07	6:11	7:05	8:27	8:49	9:25	9:48	10:12	11:47	12:10	12:16	2:07	2:43	2:31	3:13	3:30	4:27		4:28	4:43	5:10	5:05	5:13	5:40	46.9
ד WED	DEC 8	5:39	5:54	6:07	6:12	7:06	8:28	8:50	9:26	9:49	10:13	11:47	12:11	12:17	2:07	2:43	2:31	3:13	3:30	4:27		4:28	4:43	5:10	5:05	5:13	5:40	46.8
ה THU	DEC 9	5:39	5:55	6:08	6:13	7:07	8:29	8:51	9:27	9:50	10:14	11:47	12:11	12:17	2:08	2:44	2:32	3:14	3:30	4:27		4:28	4:43	5:10	5:05	5:13	5:40	46.7
ו FRI	DEC 10	5:40	5:56	6:09	6:14	7:08	8:29	8:51	9:27	9:50	10:14	11:48	12:12	12:18	2:08	2:44	2:32	3:14	3:30	4:27	4:09	4:28	4:43	5:10	5:05	5:14	5:40	46.7
ז SAT	DEC 11	5:41	5:57	6:10	6:14	7:09	8:30	8:52	9:28	9:51	10:15	11:48	12:12	12:18	2:08	2:44	2:32	3:14	3:30	4:27		4:28	4:43	5:10	5:06	5:14	5:41	46.6
ח SUN	DEC 12	5:42	5:58	6:11	6:15	7:10	8:30	8:53	9:29	9:51	10:15	11:49	12:13	12:19	2:09	2:45	2:32	3:14	3:30	4:27		4:28	4:43	5:10	5:06	5:14	5:41	46.6
ט MON	DEC 13	5:42	5:58	6:11	6:16	7:10	8:31	8:53	9:29	9:52	10:16	11:49	12:13	12:19	2:09	2:45	2:33	3:15	3:31	4:28		4:28	4:44	5:10	5:06	5:14	5:41	46.5
י TUE	DEC 14	5:43	5:59	6:12	6:16	7:11	8:32	8:54	9:30	9:52	10:16	11:50	12:14	12:20	2:09	2:45	2:33	3:15	3:31	4:28		4:29	4:44	5:11	5:06	5:14	5:41	46.5
יא WED	DEC 15	5:44	6:00	6:13	6:17	7:12	8:32	8:55	9:31	9:53	10:17	11:50	12:14	12:20	2:10	2:46	2:33	3:15	3:31	4:28		4:29	4:44	5:11	5:07	5:15	5:41	46.4
יב THU	DEC 16	5:44	6:00	6:13	6:18	7:12	8:33	8:55	9:31	9:53	10:17	11:51	12:14	12:20	2:10	2:46	2:34	3:16	3:32	4:29		4:29	4:45	5:11	5:07	5:15	5:42	46.4
יג FRI	DEC 17	5:45	6:01	6:14	6:18	7:13	8:33	8:56	9:32	9:54	10:18	11:51	12:15	12:21	2:10	2:46	2:34	3:16	3:32	4:29	4:11	4:30	4:45	5:12	5:07	5:15	5:42	46.4
יד SAT	DEC 18	5:45	6:02	6:14	6:19	7:14	8:34	8:56	9:32	9:55	10:19	11:52	12:15	12:21	2:11	2:47	2:35	3:17	3:32	4:29		4:30	4:45	5:12	5:08	5:16	5:42	46.4
טו SUN	DEC 19	5:46	6:02	6:15	6:20	7:14	8:34	8:57	9:33	9:55	10:19	11:52	12:16	12:22	2:11	2:47	2:35	3:17	3:33	4:30		4:30	4:46	5:12	5:08	5:16	5:43	46.3
טז MON	DEC 20	5:47	6:03	6:16	6:20	7:15	8:35	8:57	9:33	9:56	10:20	11:53	12:16	12:22	2:12	2:48	2:35	3:17	3:33	4:30		4:31	4:46	5:13	5:09	5:17	5:43	46.3
יז TUE	DEC 21	5:47	6:03	6:16	6:21	7:15	8:35	8:58	9:34	9:56	10:20	11:53	12:17	12:23	2:12	2:48	2:36	3:18	3:34	4:31		4:31	4:47	5:13	5:09	5:17	5:44	46.3
יח WED	DEC 22	5:48	6:04	6:17	6:21	7:16	8:36	8:58	9:34	9:57	10:21	11:54	12:17	12:23	2:13	2:49	2:36	3:18	3:34	4:31		4:32	4:47	5:14	5:10	5:18	5:44	46.3
יט THU	DEC 23	5:48	6:04	6:17	6:22	7:16	8:36	8:59	9:35	9:57	10:21	11:54	12:18	12:24	2:13	2:49	2:37	3:19	3:35	4:32		4:32	4:48	5:14	5:10	5:18	5:45	46.3
כ FRI	DEC 24	5:48	6:05	6:17	6:22	7:17	8:37	8:59	9:35	9:58	10:22	11:55	12:18	12:24	2:14	2:50	2:38	3:20	3:35	4:32	4:14	4:33	4:48	5:15	5:11	5:19	5:45	46.4
כא SAT שמות	DEC 25	5:49	6:05	6:18	6:22	7:17	8:37	9:00	9:36	9:58	10:22	11:55	12:19	12:25	2:14	2:50	2:38	3:20	3:36	4:33		4:34	4:49	5:16	5:11	5:19	5:46	46.4
כב SUN	DEC 26	5:49	6:05	6:18	6:23	7:17	8:38	9:00	9:36	9:59	10:23	11:56	12:20	12:26	2:15	2:51	2:39	3:21	3:37	4:34		4:34	4:50	5:16	5:12	5:20	5:47	46.4
כג MON	DEC 27	5:50	6:06	6:19	6:23	7:18	8:38	9:01	9:37	9:59	10:23	11:56	12:20	12:26	2:16	2:52	2:39	3:21	3:37	4:34		4:35	4:50	5:17	5:13	5:21	5:47	46.4
כד TUE	DEC 28	5:50	6:06	6:19	6:23	7:18	8:39	9:01	9:37	9:59	10:23	11:57	12:21	12:27	2:16	2:52	2:40	3:22	3:38	4:35		4:36	4:51	5:18	5:13	5:21	5:48	46.5
כה WED	DEC 29	5:50	6:06	6:19	6:24	7:18	8:39	9:01	9:37	10:00	10:24	11:57	12:21	12:27	2:17	2:53	2:41	3:23	3:39	4:36		4:36	4:52	5:18	5:14	5:22	5:49	46.5
כו THU	DEC 30	5:51	6:06	6:19	6:24	7:18	8:39	9:02	9:38	10:00	10:24	11:58	12:22	12:28	2:17	2:53	2:41	3:23	3:39	4:36		4:37	4:52	5:19	5:15	5:23	5:50	46.6
כז FRI	DEC 31	5:51	6:07	6:20	6:24	7:19	8:40	9:02	9:38	10:01	10:25	11:58	12:22	12:28	2:18	2:54	2:42	3:24	3:40	4:37	4:19	4:38	4:53	5:20	5:16	5:24	5:50	46.6
כח SAT וארא מבה"ח	JAN 1	5:51	6:07	6:20	6:24	7:19	8:40	9:02	9:38	10:01	10:25	11:59	12:23	12:29	2:19	2:55	2:43	3:25	3:41	4:38		4:39	4:54	5:21	5:16	5:24	5:51	46.7
כט SUN ערב ר"ח יוכפ"ק	JAN 2	5:51	6:07	6:20	6:25	7:19	8:40	9:03	9:39	10:01	10:25	11:59	12:23	12:29	2:19	2:55	2:43	3:25	3:42	4:39		4:40	4:55	5:22	5:17	5:25	5:52	46.7

ALL TIMES LISTED BELOW ARE BASED ON THE MOLAD IN JERUSALEM

	JERUSALEM SOLAR TIME	ADJUSTED TO LOCAL STANDARD TIME	ADJUSTED TO JERUSALEM STANDARD TIME
MOLAD TEVETH:	SHABBOS 139P.M.+14 CHALAKIM	SHABBOS 618A.M.+14 CHALAKIM	SHABBOS 118P.M.+14 CHALAKIM
	THREE FULL DAYS	THREE FULL DAYS	THREE FULL DAYS
	TUESDAY 3 TEVETH 139P.M.+14 CHALAKIM	TUESDAY 3 TEVETH 618A.M.+14 CHALAKIM	TUESDAY 3 TEVETH 118P.M.+14 CHALAKIM
	SEVEN FULL DAYS	SEVEN FULL DAYS	SEVEN FULL DAYS
	SHABBOS 7 TEVETH 139P.M.+14 CHALAKIM	SHABBOS 7 TEVETH 618A.M.+14 CHALAKIM	SHABBOS 7 TEVETH 118P.M.+14 CHALAKIM
	(LATEST TIME FOR KIDDUSH LEVANAH BASED ON: 14 DAYS, 18 HOURS AND 22 MINUTES)		
	SUNDAY 15 TEVETH 801A.M.+14 CHALAKIM	SUNDAY 15 TEVETH 1240A.M.+14 CHALAKIM	SUNDAY 15 TEVETH 740A.M.+14 CHALAKIM
MOLAD SHEVAT:	MONDAY 223A.M.+15 CHALAKIM	SUNDAY 702P.M.+15 CHALAKIM	MONDAY 202A.M.+15 CHALAKIM

לעילוי נשמת
הרב **מרדכי** בן **נפתלי** עי"ה
מחבר לוח זמני היום

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Similar calendars are available for any location in the world. We also custom design calendars, diaries and Halachic Time-Charts for fundraising campaigns.

Abbreviations:
Ast. = astronomical, Const. = constant, Cust. = customary, DN. = dawn to night, DST = Daylight Saving Time, Hr(s). = hour(s), M.A. = Mogen Avrohom, Med. = medium, Min. = minutes, Prop = proportional
R. = Rabbenu, Shab. = Shabbos Sr-Ss, = sunrise to sunset, ST = standard time, Tan. = Tanya, /3 = divided by 3

* לפי שיטת המג"א הנהוג שעה זמנית 12 מינוט יותר.
** לפי האגרות משה חצות תמיד שוה בין היום ארוך או קצר (_____) או"ח חלק ב' סימן כ'.
אע"פ שהזמנים שבלוח הזה מדוייקים נכון להחמיר ולהוסיף עוד 6 מינוט בין בכניסת שבת ויו"ט בין ביציאתן.