

**DAILY HALACHIC TIME-CHARTS**  
 Point of computation FAR ROCKAWAY NY 11691  
 -5 GMT 40 36N 73 45W The sunrise and sunset  
 listed is accurate within 45 seconds, at 80°  
 Fahrenheit and the barometric pressure of 30  
 inches of mercury. At extreme variations in  
 temperature a larger variation will occur. >  
 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' MANNAI HAYOM**

**לילת זמננו**

שעת זמננו	שעת שבת	שעת חול	שעת יום טוב	שעת יום ראשון	שעת יום שני	שעת יום שלישי	שעת יום רביעי	שעת יום חמישי	שעת יום שישי	שעת יום שבת
שעת זמננו	שעת שבת	שעת חול	שעת יום טוב	שעת יום ראשון	שעת יום שני	שעת יום שלישי	שעת יום רביעי	שעת יום חמישי	שעת יום שישי	שעת יום שבת
שעת זמננו	שעת שבת	שעת חול	שעת יום טוב	שעת יום ראשון	שעת יום שני	שעת יום שלישי	שעת יום רביעי	שעת יום חמישי	שעת יום שישי	שעת יום שבת

**Standard Time**  
**Jan - Feb 2019**

Day of Week	Civil Date	16:17	7:2	11:10:2	SUN RISE	LATEST SHMA	Latest Shachris	MID DAY & NIGHT	Earliest Mincha	Earliest Mincha	9:15	PLAG 18 Min.	SUN SET	Before Night	NIGHTFALL	Prop Hour Sr-Ss											
SUN	JAN 13	5:51	6:05	6:20	6:24	7:17	8:43	9:04	9:40	10:04	10:28	12:04	12:28	12:34	2:27	3:03	2:51	3:33	3:51	4:48	4:50	5:05	5:32	5:27	5:35	6:03	47.7
MON	JAN 14	5:51	6:05	6:19	6:24	7:17	8:43	9:04	9:40	10:04	10:28	12:04	12:29	12:35	2:28	3:04	2:52	3:34	3:52	4:49	4:51	5:06	5:33	5:28	5:36	6:04	47.9
TUE	JAN 15	5:50	6:05	6:19	6:23	7:17	8:43	9:04	9:40	10:04	10:28	12:05	12:29	12:35	2:28	3:04	2:53	3:35	3:53	4:50	4:52	5:07	5:34	5:29	5:37	6:05	48.0
WED	JAN 16	5:50	6:04	6:19	6:23	7:16	8:43	9:04	9:40	10:04	10:28	12:05	12:29	12:35	2:29	3:05	2:54	3:36	3:54	4:51	4:54	5:08	5:36	5:30	5:38	6:06	48.1
THU	JAN 17	5:50	6:04	6:18	6:23	7:16	8:43	9:04	9:40	10:04	10:28	12:05	12:30	12:36	2:30	3:06	2:55	3:37	3:55	4:52	4:55	5:09	5:37	5:31	5:39	6:07	48.2
FRI	JAN 18	5:50	6:03	6:18	6:22	7:15	8:43	9:04	9:40	10:04	10:28	12:06	12:31	12:36	2:31	3:07	2:56	3:37	3:56	4:53	4:57	5:10	5:38	5:32	5:40	6:08	48.4
SAT	JAN 19	5:49	6:03	6:18	6:22	7:15	8:43	9:04	9:40	10:04	10:28	12:06	12:31	12:37	2:31	3:07	2:55	3:38	3:57	4:54	4:57	5:11	5:39	5:33	5:41	6:09	48.5
SUN	JAN 20	5:48	6:02	6:17	6:22	7:14	8:43	9:04	9:40	10:04	10:28	12:06	12:31	12:37	2:32	3:08	2:57	3:39	3:58	4:55	4:58	5:12	5:40	5:34	5:42	6:11	48.7
MON	JAN 21	5:48	6:02	6:17	6:21	7:14	8:43	9:04	9:40	10:04	10:28	12:06	12:31	12:37	2:33	3:09	2:58	3:40	3:59	4:56	4:59	5:13	5:41	5:36	5:44	6:12	48.8
TUE	JAN 22	5:48	6:01	6:16	6:21	7:13	8:43	9:03	9:39	10:04	10:28	12:07	12:32	12:38	2:34	3:10	2:59	3:41	4:00	4:57	5:01	5:14	5:44	5:37	5:45	6:13	49.0
WED	JAN 23	5:47	6:00	6:16	6:20	7:12	8:43	9:03	9:39	10:04	10:28	12:07	12:32	12:38	2:34	3:10	2:59	3:41	4:01	4:58	5:02	5:15	5:44	5:38	5:46	6:14	49.1
THU	JAN 24	5:47	6:00	6:15	6:19	7:12	8:43	9:03	9:39	10:04	10:28	12:07	12:32	12:38	2:35	3:11	3:00	3:42	4:02	4:59	5:03	5:16	5:45	5:39	5:47	6:15	49.3
FRI	JAN 25	5:46	5:59	6:14	6:19	7:11	8:42	9:03	9:39	10:04	10:28	12:08	12:33	12:39	2:36	3:12	3:01	3:43	4:03	5:00	5:04	5:17	5:46	5:40	5:48	6:17	49.4
SAT	JAN 26	5:46	5:58	6:14	6:18	7:10	8:42	9:02	9:38	10:04	10:28	12:08	12:33	12:39	2:37	3:13	3:02	3:44	4:04	5:01	5:05	5:19	5:47	5:41	5:49	6:18	49.6
SUN	JAN 27	5:45	5:57	6:13	6:17	7:09	8:42	9:02	9:38	10:04	10:28	12:08	12:33	12:39	2:37	3:13	3:03	3:45	4:05	5:02	5:07	5:20	5:49	5:42	5:50	6:19	49.8
MON	JAN 28	5:44	5:57	6:12	6:17	7:09	8:42	9:02	9:38	10:04	10:28	12:08	12:34	12:40	2:38	3:14	3:03	3:45	4:06	5:03	5:08	5:21	5:50	5:43	5:51	6:20	49.9
TUE	JAN 29	5:44	5:56	6:12	6:16	7:08	8:42	9:02	9:38	10:04	10:28	12:08	12:34	12:40	2:39	3:15	3:04	3:46	4:07	5:04	5:09	5:22	5:51	5:43	5:52	6:21	50.1
WED	JAN 30	5:43	5:55	6:11	6:15	7:07	8:41	9:01	9:37	10:03	10:27	12:09	12:34	12:40	2:39	3:15	3:05	3:47	4:08	5:05	5:10	5:23	5:52	5:46	5:54	6:23	50.3
THU	JAN 31	5:42	5:54	6:10	6:14	7:06	8:41	9:01	9:37	10:03	10:27	12:09	12:34	12:40	2:40	3:16	3:06	3:48	4:09	5:06	5:11	5:24	5:53	5:47	5:55	6:24	50.5
FRI	FEB 1	5:41	5:53	6:09	6:14	7:05	8:41	9:00	9:36	10:03	10:27	12:09	12:35	12:41	2:41	3:17	3:07	3:49	4:10	5:07	5:13	5:25	5:55	5:48	5:56	6:25	50.6
SAT	FEB 2	5:41	5:52	6:08	6:13	7:04	8:41	9:00	9:36	10:03	10:27	12:09	12:35	12:41	2:41	3:17	3:07	3:49	4:11	5:08	5:14	5:26	5:56	5:49	5:57	6:26	50.8
SUN	FEB 3	5:40	5:51	6:08	6:12	7:03	8:40	9:00	9:36	10:03	10:27	12:09	12:35	12:41	2:42	3:18	3:08	3:50	4:12	5:09	5:15	5:28	5:57	5:50	5:58	6:28	51.0
MON	FEB 4	5:39	5:50	6:07	6:11	7:02	8:40	8:59	9:35	10:02	10:26	12:09	12:35	12:41	2:43	3:19	3:09	3:51	4:13	5:10	5:16	5:29	5:58	5:51	5:59	6:29	51.2
TUE	FEB 5	5:38	5:49	6:06	6:10	7:01	8:39	8:59	9:35	10:02	10:26	12:09	12:35	12:41	2:43	3:19	3:10	3:52	4:14	5:11	5:18	5:30	6:00	6:00	6:00	6:30	51.4

**שבת**  
**לילת זמננו**  
**הרב מרדכי בן נפתלי עיני**  
**מתלב לילת זמננו הימים**

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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. = Rabbeanu, Shab. = Shabbos Sr.-Ss. = sunrise to sunset, ST = standard time, Tan. = Tanya, /3 = divided by 3

**ALL TIMES LISTED BELOW ARE BASED ON THE MOLAD IN JERUSALEM**  
**ADJUSTED TO LOCAL STANDARD TIME**

**JERUSALEM SOLAR TIME**  
 SUNDAY 11:19A.M.+14 CHALAKIM  
 MONDAY 15:56A.M.+14 CHALAKIM  
 TUESDAY 10:52A.M.+14 CHALAKIM  
 WEDNESDAY 7:58A.M.+14 CHALAKIM  
 THURSDAY 5:04A.M.+14 CHALAKIM  
 FRIDAY 2:10A.M.+14 CHALAKIM  
 SATURDAY 9:16A.M.+14 CHALAKIM

**ADJUSTED TO JERUSALEM STANDARD TIME**  
 SUNDAY 10:52A.M.+14 CHALAKIM  
 MONDAY 15:56A.M.+14 CHALAKIM  
 TUESDAY 10:52A.M.+14 CHALAKIM  
 WEDNESDAY 7:58A.M.+14 CHALAKIM  
 THURSDAY 5:04A.M.+14 CHALAKIM  
 FRIDAY 2:10A.M.+14 CHALAKIM  
 SATURDAY 9:16A.M.+14 CHALAKIM

\* לפר שטות רחוקה ורחוקה שטות רחוקה ורחוקה  
 \*\* לפר שטות רחוקה ורחוקה שטות רחוקה ורחוקה  
 ארץ שטות רחוקה ורחוקה שטות רחוקה ורחוקה