Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be	(Internal examinations must be done	(Earliest time for Mikvah
	done after sunrise)	before sunset)	immersion)
January 1	5:18:43 AM	7:03:27 PM	7:34:36 PM
January 2	5:19:23 AM	7:03:43 PM	7:34:49 PM
January 3	5:20:04 AM	7:03:57 PM	7:35:01 PM
January 4	5:20:46 AM	7:04:09 PM	7:35:12 PM
January 5	5:21:29 AM	7:04:21 PM	7:35:21 PM
January 6	5:22:12 AM	7:04:30 PM	7:35:28 PM
January 7	5:22:55 AM	7:04:38 PM	7:35:34 PM
January 8	5:23:39 AM	7:04:45 PM	7:35:38 PM
January 9	5:24:24 AM	7:04:50 PM	7:35:40 PM
January 10	5:25:09 AM	7:04:54 PM	7:35:41 PM
January 11	5:25:54 AM	7:04:56 PM	7:35:40 PM
January 12	5:26:40 AM	7:04:56 PM	7:35:38 PM
January 13	5:27:27 AM	7:04:55 PM	7:35:34 PM
January 14	5:28:13 AM	7:04:53 PM	7:35:28 PM
January 15	5:29:00 AM	7:04:49 PM	7:35:21 PM
January 16	5:29:47 AM	7:04:43 PM	7:35:12 PM
January 17	5:30:34 AM	7:04:36 PM	7:35:01 PM
January 18	5:31:21 AM	7:04:27 PM	7:34:49 PM
January 19	5:32:08 AM	7:04:17 PM	7:34:35 PM
January 20	5:32:56 AM	7:04:05 PM	7:34:20 PM
January 21	5:33:43 AM	7:03:52 PM	7:34:03 PM
January 22	5:34:31 AM	7:03:37 PM	7:33:45 PM
January 23	5:35:18 AM	7:03:21 PM	7:33:25 PM
January 24	5:36:05 AM	7:03:04 PM	7:33:03 PM
January 25	5:36:53 AM	7:02:44 PM	7:32:40 PM
January 26	5:37:40 AM	7:02:24 PM	7:32:16 PM
January 27	5:38:27 AM	7:02:02 PM	7:31:50 PM
January 28	5:39:13 AM	7:01:38 PM	7:31:22 PM
January 29	5:40:00 AM	7:01:13 PM	7:30:53 PM
January 30	5:40:46 AM	7:00:47 PM	7:30:23 PM
January 31	5:41:33 AM	7:00:19 PM	7:29:52 PM
February 1	5:42:18 AM	6:59:50 PM	7:29:19 PM
February 2	5:43:04 AM	6:59:20 PM	7:28:44 PM
February 3	5:43:49 AM	6:58:48 PM	7:28:09 PM
February 4	5:44:34 AM	6:58:15 PM	7:27:32 PM
February 5	5:45:19 AM	6:57:41 PM	7:26:54 PM
February 6	5:46:03 AM	6:57:05 PM	7:26:15 PM
February 7	5:46:47 AM	6:56:29 PM	7:25:34 PM
February 8	5:47:31 AM	6:55:51 PM	7:24:52 PM
February 9	5:48:14 AM	6:55:12 PM	7:24:09 PM
February 10	5:48:56 AM	6:54:31 PM	7:23:25 PM
February 11	5:49:39 AM	6:53:50 PM	7:22:40 PM
February 12	5:50:21 AM	6:53:07 PM	7:21:54 PM
February 13	5:51:02 AM	6:52:24 PM	7:21:07 PM
February 14	5:51:43 AM	6:51:39 PM	7:20:19 PM
February 15	5:52:24 AM	6:50:53 PM	7:19:30 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be done after sunrise)	(Internal examinations must be done before sunset)	(Earliest time for Mikvah immersion)
February 16	5:53:04 AM	6:50:07 PM	7:18:40 PM
February 17	5:53:44 AM	6:49:19 PM	7:17:49 PM
February 18	5:54:23 AM	6:48:30 PM	7:16:57 PM
February 19	5:55:02 AM	6:47:41 PM	7:16:04 PM
February 20	5:55:40 AM	6:46:50 PM	7:15:11 PM
February 21	5:56:18 AM	6:45:59 PM	7:14:16 PM
February 22	5:56:56 AM	6:45:07 PM	7:13:21 PM
February 23	5:57:33 AM	6:44:14 PM	7:12:25 PM
February 24	5:58:10 AM	6:43:20 PM	7:11:29 PM
February 25	5:58:46 AM	6:42:26 PM	7:10:32 PM
February 26	5:59:22 AM	6:41:30 PM	7:09:34 PM
February 27	5:59:57 AM	6:40:34 PM	7:08:35 PM
February 28	6:00:32 AM	6:39:38 PM	7:07:36 PM
March 1	6:01:07 AM	6:38:40 PM	7:06:37 PM
March 2	6:01:41 AM	6:37:43 PM	7:05:37 PM
March 3	6:02:15 AM	6:36:44 PM	7:04:36 PM
March 4	6:02:48 AM	6:35:45 PM	7:03:35 PM
March 5	6:03:21 AM	6:34:45 PM	7:02:33 PM
March 6	6:03:54 AM	6:33:45 PM	7:01:31 PM
March 7	6:04:27 AM	6:32:45 PM	7:00:29 PM
March 8	6:04:59 AM	6:31:44 PM	6:59:26 PM
March 9	6:05:30 AM	6:30:42 PM	6:58:23 PM
March 10	6:06:02 AM	6:29:40 PM	6:57:20 PM
March 11	6:06:33 AM	6:28:38 PM	6:56:16 PM
March 12	6:07:04 AM	6:27:36 PM	6:55:12 PM
March 13	6:07:34 AM	6:26:33 PM	6:54:08 PM
March 14	6:08:04 AM	6:25:30 PM	6:53:04 PM
March 15	6:08:34 AM	6:24:26 PM	6:52:00 PM
March 16	6:09:04 AM	6:23:23 PM	6:50:55 PM
March 17	6:09:34 AM	6:22:19 PM	6:49:50 PM
March 18	6:10:03 AM	6:21:15 PM	6:48:46 PM
March 19	6:10:32 AM	6:20:11 PM	6:47:41 PM
March 20	6:11:01 AM	6:19:06 PM	6:46:36 PM
March 21	6:11:30 AM	6:18:02 PM	6:45:31 PM
March 22	6:11:59 AM	6:16:57 PM	6:44:27 PM
March 23	6:12:27 AM	6:15:53 PM	6:43:22 PM
March 24	6:12:55 AM	6:14:49 PM	6:42:17 PM
March 25	6:13:24 AM	6:13:44 PM	6:41:13 PM
March 26	6:13:52 AM	6:12:40 PM	6:40:09 PM
March 27	6:14:20 AM	6:11:35 PM	6:39:04 PM
March 28	6:14:48 AM	6:10:31 PM	6:38:00 PM
March 29	6:15:16 AM	6:09:27 PM	6:36:57 PM
March 30	6:15:43 AM	6:08:23 PM	6:35:53 PM
March 31	6:16:11 AM	6:07:19 PM	6:34:50 PM
April 1	6:16:39 AM	6:06:16 PM	6:33:47 PM
April 2	6:17:07 AM	6:05:12 PM	6:32:44 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be done after sunrise)	(Internal examinations must be done before sunset)	(Earliest time for Mikvah immersion)
April 3	6:17:34 AM	6:04:09 PM	6:31:42 PM
April 4	6:18:02 AM	6:03:06 PM	6:30:40 PM
April 5	6:18:30 AM	6:02:04 PM	6:29:39 PM
April 6	6:18:58 AM	6:01:02 PM	6:28:38 PM
April 7	6:19:26 AM	6:00:00 PM	6:27:37 PM
April 8	6:19:53 AM	5:58:58 PM	6:26:37 PM
April 9	6:20:21 AM	5:57:57 PM	6:25:37 PM
April 10	6:20:49 AM	5:56:57 PM	6:24:38 PM
April 11	6:21:17 AM	5:55:57 PM	6:23:39 PM
April 12	6:21:46 AM	5:54:57 PM	6:22:41 PM
April 13	6:22:14 AM	5:53:58 PM	6:21:44 PM
April 14	6:22:42 AM	5:52:59 PM	6:20:47 PM
April 15	6:23:11 AM	5:52:01 PM	6:19:51 PM
April 16	6:23:39 AM	5:51:04 PM	6:18:55 PM
April 17	6:24:08 AM	5:50:07 PM	6:18:00 PM
April 18	6:24:37 AM	5:49:11 PM	6:17:06 PM
April 19	6:25:06 AM	5:48:15 PM	6:16:13 PM
April 20	6:25:35 AM	5:47:20 PM	6:15:20 PM
April 21	6:26:04 AM	5:46:26 PM	6:14:28 PM
April 22	6:26:34 AM	5:45:33 PM	6:13:37 PM
April 23	6:27:03 AM	5:44:40 PM	6:12:46 PM
April 24	6:27:33 AM	5:43:48 PM	6:11:57 PM
April 25	6:28:03 AM	5:42:57 PM	6:11:08 PM
April 26	6:28:33 AM	5:42:07 PM	6:10:21 PM
April 27	6:29:03 AM	5:41:18 PM	6:09:34 PM
April 28	6:29:33 AM	5:40:29 PM	6:08:48 PM
April 29	6:30:04 AM	5:39:41 PM	6:08:03 PM
April 30	6:30:34 AM	5:38:55 PM	6:07:18 PM
May 1	6:31:05 AM	5:38:09 PM	6:06:35 PM
May 2	6:31:36 AM	5:37:24 PM	6:05:53 PM
May 3	6:32:06 AM	5:36:40 PM	6:05:12 PM
May 4	6:32:38 AM	5:35:57 PM	6:04:32 PM
May 5	6:33:09 AM	5:35:15 PM	6:03:52 PM
May 6	6:33:40 AM	5:34:34 PM	6:03:14 PM
May 7	6:34:11 AM	5:33:54 PM	6:02:37 PM
May 8	6:34:43 AM	5:33:16 PM	6:02:01 PM
May 9	6:35:14 AM	5:32:38 PM	6:01:26 PM
May 10	6:35:46 AM	5:32:01 PM	6:00:53 PM
May 11	6:36:17 AM	5:31:26 PM	6:00:20 PM
May 12	6:36:49 AM	5:30:51 PM	5:59:48 PM
May 13	6:37:21 AM	5:30:18 PM	5:59:18 PM
May 14	6:37:52 AM	5:29:46 PM	5:58:48 PM
May 15	6:38:24 AM	5:29:15 PM	5:58:20 PM
May 16	6:38:56 AM	5:28:45 PM	5:57:53 PM
May 17	6:39:27 AM	5:28:16 PM	5:57:27 PM
May 18	6:39:59 AM	5:27:49 PM	5:57:03 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be done after sunrise)	(Internal examinations must be done before sunset)	(Earliest time for Mikvah immersion)
May 19	6:40:30 AM	5:27:23 PM	5:56:39 PM
May 20	6:41:01 AM	5:26:58 PM	5:56:17 PM
May 21	6:41:32 AM	5:26:34 PM	5:55:56 PM
May 22	6:42:03 AM	5:26:11 PM	5:55:36 PM
May 23	6:42:34 AM	5:25:50 PM	5:55:17 PM
May 24	6:43:05 AM	5:25:30 PM	5:54:59 PM
May 25	6:43:35 AM	5:25:11 PM	5:54:43 PM
May 26	6:44:05 AM	5:24:53 PM	5:54:28 PM
May 27	6:44:35 AM	5:24:37 PM	5:54:14 PM
May 28	6:45:05 AM	5:24:22 PM	5:54:01 PM
May 29	6:45:34 AM	5:24:08 PM	5:53:49 PM
May 30	6:46:03 AM	5:23:55 PM	5:53:39 PM
May 31	6:46:31 AM	5:23:44 PM	5:53:30 PM
June 1	6:47:00 AM	5:23:34 PM	5:53:21 PM
June 2	6:47:27 AM	5:23:25 PM	5:53:15 PM
June 3	6:47:54 AM	5:23:17 PM	5:53:09 PM
June 4	6:48:21 AM	5:23:11 PM	5:53:04 PM
June 5	6:48:47 AM	5:23:06 PM	5:53:01 PM
June 6	6:49:13 AM	5:23:02 PM	5:52:58 PM
June 7	6:49:38 AM	5:22:59 PM	5:52:57 PM
June 8	6:50:03 AM	5:22:57 PM	5:52:57 PM
June 9	6:50:26 AM	5:22:57 PM	5:52:58 PM
June 10	6:50:50 AM	5:22:58 PM	5:53:00 PM
June 11	6:51:12 AM	5:23:00 PM	5:53:03 PM
June 12	6:51:34 AM	5:23:03 PM	5:53:07 PM
June 13	6:51:55 AM	5:23:07 PM	5:53:12 PM
June 14	6:52:15 AM	5:23:12 PM	5:53:18 PM
June 15	6:52:34 AM	5:23:18 PM	5:53:25 PM
June 16	6:52:53 AM	5:23:26 PM	5:53:33 PM
June 17	6:53:11 AM	5:23:34 PM	5:53:42 PM
June 18	6:53:28 AM	5:23:44 PM	5:53:52 PM
June 19	6:53:43 AM	5:23:54 PM	5:54:03 PM
June 20	6:53:58 AM	5:24:06 PM	5:54:14 PM
June 21	6:54:12 AM	5:24:18 PM	5:54:27 PM
June 22	6:54:26 AM	5:24:32 PM	5:54:40 PM
June 23	6:54:38 AM	5:24:46 PM	5:54:54 PM
June 24	6:54:49 AM	5:25:01 PM	5:55:09 PM
June 25	6:54:58 AM	5:25:17 PM	5:55:25 PM
June 26	6:55:07 AM	5:25:34 PM	5:55:41 PM
June 27	6:55:15 AM	5:25:52 PM	5:55:59 PM
June 28	6:55:22 AM	5:26:10 PM	5:56:16 PM
June 29	6:55:27 AM	5:26:30 PM	5:56:35 PM
June 30	6:55:32 AM	5:26:50 PM	5:56:54 PM
July 1	6:55:35 AM	5:27:10 PM	5:57:14 PM
July 2	6:55:37 AM	5:27:32 PM	5:57:34 PM
July 3	6:55:38 AM	5:27:54 PM	5:57:55 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be done after sunrise)	(Internal examinations must be done before sunset)	(Earliest time for Mikvah immersion)
July 4	6:55:37 AM	5:28:16 PM	5:58:16 PM
July 5	6:55:36 AM	5:28:40 PM	5:58:38 PM
July 6	6:55:33 AM	5:29:03 PM	5:59:00 PM
July 7	6:55:29 AM	5:29:28 PM	5:59:23 PM
July 8	6:55:23 AM	5:29:53 PM	5:59:46 PM
July 9	6:55:17 AM	5:30:18 PM	6:00:09 PM
July 10	6:55:09 AM	5:30:44 PM	6:00:33 PM
July 11	6:55:00 AM	5:31:10 PM	6:00:58 PM
July 12	6:54:49 AM	5:31:36 PM	6:01:22 PM
July 13	6:54:37 AM	5:32:03 PM	6:01:47 PM
July 14	6:54:24 AM	5:32:30 PM	6:02:12 PM
July 15	6:54:10 AM	5:32:58 PM	6:02:37 PM
July 16	6:53:55 AM	5:33:26 PM	6:03:03 PM
July 17	6:53:38 AM	5:33:54 PM	6:03:29 PM
July 18	6:53:20 AM	5:34:22 PM	6:03:55 PM
July 19	6:53:00 AM	5:34:51 PM	6:04:21 PM
July 20	6:52:40 AM	5:35:19 PM	6:04:47 PM
July 21	6:52:18 AM	5:35:48 PM	6:05:13 PM
July 22	6:51:54 AM	5:36:17 PM	6:05:39 PM
July 23	6:51:30 AM	5:36:46 PM	6:06:06 PM
July 24	6:51:04 AM	5:37:15 PM	6:06:32 PM
July 25	6:50:37 AM	5:37:44 PM	6:06:59 PM
July 26	6:50:09 AM	5:38:14 PM	6:07:25 PM
July 27	6:49:39 AM	5:38:43 PM	6:07:52 PM
July 28	6:49:09 AM	5:39:12 PM	6:08:19 PM
July 29	6:48:37 AM	5:39:42 PM	6:08:45 PM
July 30	6:48:04 AM	5:40:11 PM	6:09:12 PM
July 31	6:47:30 AM	5:40:40 PM	6:09:38 PM
August 1	6:46:54 AM	5:41:09 PM	6:10:04 PM
August 2	6:46:18 AM	5:41:38 PM	6:10:31 PM
August 3	6:45:40 AM	5:42:07 PM	6:10:57 PM
August 4	6:45:01 AM	5:42:36 PM	6:11:23 PM
August 5	6:44:21 AM	5:43:05 PM	6:11:49 PM
August 6	6:43:41 AM	5:43:34 PM	6:12:15 PM
August 7	6:42:58 AM	5:44:03 PM	6:12:41 PM
August 8	6:42:15 AM	5:44:31 PM	6:13:07 PM
August 9	6:41:31 AM	5:44:59 PM	6:13:32 PM
August 10	6:40:46 AM	5:45:27 PM	6:13:58 PM
August 11	6:40:00 AM	5:45:55 PM	6:14:23 PM
August 12	6:39:13 AM	5:46:23 PM	6:14:48 PM
August 13	6:38:25 AM	5:46:51 PM	6:15:13 PM
August 14	6:37:36 AM	5:47:18 PM	6:15:38 PM
August 15	6:36:46 AM	5:47:46 PM	6:16:03 PM
August 16	6:35:55 AM	5:48:13 PM	6:16:27 PM
August 17	6:35:03 AM	5:48:40 PM	6:16:52 PM
August 18	6:34:11 AM	5:49:07 PM	6:17:16 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be done after sunrise)	(Internal examinations must be done before sunset)	(Earliest time for Mikvah immersion)
August 19	6:33:18 AM	5:49:33 PM	6:17:41 PM
August 20	6:32:23 AM	5:50:00 PM	6:18:05 PM
August 21	6:31:29 AM	5:50:26 PM	6:18:29 PM
August 22	6:30:33 AM	5:50:52 PM	6:18:53 PM
August 23	6:29:36 AM	5:51:18 PM	6:19:16 PM
August 24	6:28:39 AM	5:51:44 PM	6:19:40 PM
August 25	6:27:42 AM	5:52:09 PM	6:20:03 PM
August 26	6:26:43 AM	5:52:34 PM	6:20:27 PM
August 27	6:25:44 AM	5:53:00 PM	6:20:50 PM
August 28	6:24:44 AM	5:53:25 PM	6:21:14 PM
August 29	6:23:44 AM	5:53:50 PM	6:21:37 PM
August 30	6:22:43 AM	5:54:15 PM	6:22:00 PM
August 31	6:21:41 AM	5:54:39 PM	6:22:23 PM
September 1	6:20:40 AM	5:55:04 PM	6:22:46 PM
September 2	6:19:37 AM	5:55:28 PM	6:23:09 PM
September 3	6:18:34 AM	5:55:53 PM	6:23:32 PM
September 4	6:17:31 AM	5:56:17 PM	6:23:55 PM
September 5	6:16:27 AM	5:56:41 PM	6:24:18 PM
September 6	6:15:23 AM	5:57:05 PM	6:24:41 PM
September 7	6:14:18 AM	5:57:29 PM	6:25:04 PM
September 8	6:13:13 AM	5:57:54 PM	6:25:27 PM
September 9	6:12:08 AM	5:58:18 PM	6:25:50 PM
September 10	6:11:03 AM	5:58:42 PM	6:26:13 PM
September 11	6:09:57 AM	5:59:05 PM	6:26:37 PM
September 12	6:08:51 AM	5:59:29 PM	6:27:00 PM
September 13	6:07:45 AM	5:59:53 PM	6:27:23 PM
September 14	6:06:38 AM	6:00:17 PM	6:27:47 PM
September 15	6:05:32 AM	6:00:41 PM	6:28:11 PM
September 16	6:04:25 AM	6:01:06 PM	6:28:35 PM
September 17	6:03:18 AM	6:01:30 PM	6:28:59 PM
September 18	6:02:11 AM	6:01:54 PM	6:29:23 PM
September 19	6:01:04 AM	6:02:18 PM	6:29:47 PM
September 20	5:59:57 AM	6:02:43 PM	6:30:12 PM
September 21	5:58:50 AM	6:03:07 PM	6:30:36 PM
September 22	5:57:43 AM	6:03:32 PM	6:31:01 PM
September 23	5:56:37 AM	6:03:57 PM	6:31:27 PM
September 24	5:55:30 AM	6:04:22 PM	6:31:52 PM
September 25	5:54:23 AM	6:04:47 PM	6:32:18 PM
September 26	5:53:16 AM	6:05:12 PM	6:32:44 PM
September 27	5:52:10 AM	6:05:38 PM	6:33:10 PM
September 28	5:51:04 AM	6:06:04 PM	6:33:37 PM
September 29	5:49:58 AM	6:06:30 PM	6:34:04 PM
September 30	5:48:52 AM	6:06:56 PM	6:34:31 PM
October 1	5:47:46 AM	6:07:23 PM	6:34:59 PM
October 2	5:46:41 AM	6:07:49 PM	6:35:27 PM
October 3	5:45:36 AM	6:08:17 PM	6:35:56 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be done after sunrise)	(Internal examinations must be done before sunset)	(Earliest time for Mikvah immersion)
October 4	5:44:32 AM	6:08:44 PM	6:36:25 PM
October 5	5:43:27 AM	6:09:12 PM	6:36:54 PM
October 6	5:42:24 AM	6:09:40 PM	6:37:24 PM
October 7	5:41:20 AM	6:10:08 PM	6:37:54 PM
October 8	5:40:17 AM	6:10:37 PM	6:38:24 PM
October 9	5:39:15 AM	6:11:06 PM	6:38:55 PM
October 10	5:38:13 AM	6:11:35 PM	6:39:27 PM
October 11	5:37:12 AM	6:12:05 PM	6:39:59 PM
October 12	5:36:11 AM	6:12:35 PM	6:40:31 PM
October 13	5:35:11 AM	6:13:06 PM	6:41:04 PM
October 14	5:34:11 AM	6:13:37 PM	6:41:37 PM
October 15	5:33:12 AM	6:14:09 PM	6:42:11 PM
October 16	5:32:14 AM	6:14:40 PM	6:42:46 PM
October 17	5:31:17 AM	6:15:13 PM	6:43:21 PM
October 18	5:30:20 AM	6:15:45 PM	6:43:56 PM
October 19	5:29:24 AM	6:16:19 PM	6:44:32 PM
October 20	5:28:28 AM	6:16:52 PM	6:45:09 PM
October 21	5:27:34 AM	6:17:26 PM	6:45:46 PM
October 22	5:26:40 AM	6:18:01 PM	6:46:23 PM
October 23	5:25:48 AM	6:18:36 PM	6:47:01 PM
October 24	5:24:56 AM	6:19:12 PM	6:47:40 PM
October 25	5:24:05 AM	6:19:47 PM	6:48:19 PM
October 26	5:23:15 AM	6:20:24 PM	6:48:59 PM
October 27	5:22:26 AM	6:21:01 PM	6:49:39 PM
October 28	5:21:38 AM	6:21:38 PM	6:50:20 PM
October 29	5:20:52 AM	6:22:16 PM	6:51:01 PM
October 30	5:20:06 AM	6:22:54 PM	6:51:43 PM
October 31	5:19:21 AM	6:23:33 PM	6:52:25 PM
November 1	5:18:37 AM	6:24:12 PM	6:53:08 PM
November 2	5:17:55 AM	6:24:52 PM	6:53:51 PM
November 3	5:17:14 AM	6:25:32 PM	6:54:35 PM
November 4	5:16:33 AM	6:26:12 PM	6:55:19 PM
November 5	5:15:55 AM	6:26:53 PM	6:56:04 PM
November 6	5:15:17 AM	6:27:35 PM	6:56:49 PM
November 7	5:14:41 AM	6:28:16 PM	6:57:35 PM
November 8	5:14:05 AM	6:28:58 PM	6:58:21 PM
November 9	5:13:32 AM	6:29:41 PM	6:59:07 PM
November 10	5:12:59 AM	6:30:24 PM	6:59:54 PM
November 11	5:12:28 AM	6:31:07 PM	7:00:41 PM
November 12	5:11:58 AM	6:31:50 PM	7:01:28 PM
November 13	5:11:30 AM	6:32:34 PM	7:02:16 PM
November 14	5:11:03 AM	6:33:18 PM	7:03:04 PM
November 15	5:10:37 AM	6:34:02 PM	7:03:52 PM
November 16	5:10:13 AM	6:34:47 PM	7:04:40 PM
November 17	5:09:50 AM	6:35:32 PM	7:05:29 PM
November 18	5:09:29 AM	6:36:17 PM	7:06:18 PM

Date	Sunrise	Sunset	Tzait Hakochavim
	(Internal examinations must be	(Internal examinations must be done	(Earliest time for Mikvah
N	done after sunrise)	before sunset)	immersion)
November 19	5:09:10 AM	6:37:02 PM	7:07:06 PM
November 20	5:08:51 AM	6:37:47 PM	7:07:55 PM
November 21	5:08:35 AM	6:38:32 PM	7:08:44 PM
November 22	5:08:20 AM	6:39:18 PM	7:09:33 PM
November 23	5:08:06 AM	6:40:03 PM	7:10:22 PM
November 24	5:07:54 AM	6:40:48 PM	7:11:11 PM
November 25	5:07:44 AM	6:41:34 PM	7:12:00 PM
November 26	5:07:35 AM	6:42:19 PM	7:12:49 PM
November 27	5:07:27 AM	6:43:04 PM	7:13:37 PM
November 28	5:07:21 AM	6:43:49 PM	7:14:26 PM
November 29	5:07:17 AM	6:44:34 PM	7:15:14 PM
November 30	5:07:15 AM	6:45:19 PM	7:16:01 PM
December 1	5:07:13 AM	6:46:03 PM	7:16:49 PM
December 2	5:07:14 AM	6:46:48 PM	7:17:36 PM
December 3	5:07:16 AM	6:47:31 PM	7:18:23 PM
December 4	5:07:20 AM	6:48:15 PM	7:19:09 PM
December 5	5:07:25 AM	6:48:58 PM	7:19:54 PM
December 6	5:07:32 AM	6:49:41 PM	7:20:39 PM
December 7	5:07:40 AM	6:50:23 PM	7:21:24 PM
December 8	5:07:50 AM	6:51:04 PM	7:22:07 PM
December 9	5:08:01 AM	6:51:45 PM	7:22:50 PM
December 10	5:08:14 AM	6:52:26 PM	7:23:33 PM
December 11	5:08:28 AM	6:53:05 PM	7:24:14 PM
December 12	5:08:44 AM	6:53:44 PM	7:24:55 PM
December 13	5:09:01 AM	6:54:23 PM	7:25:34 PM
December 14	5:09:20 AM	6:55:00 PM	7:26:13 PM
December 15	5:09:40 AM	6:55:37 PM	7:26:51 PM
December 16	5:10:01 AM	6:56:13 PM	7:27:28 PM
December 17	5:10:24 AM	6:56:48 PM	7:28:04 PM
December 18	5:10:48 AM	6:57:22 PM	7:28:38 PM
December 19	5:11:14 AM	6:57:55 PM	7:29:12 PM
December 20	5:11:41 AM	6:58:27 PM	7:29:44 PM
December 21	5:12:09 AM	6:58:58 PM	7:30:15 PM
December 22	5:12:38 AM	6:59:27 PM	7:30:45 PM
December 23	5:13:08 AM	6:59:56 PM	7:31:14 PM
December 24	5:13:40 AM	7:00:24 PM	7:31:41 PM
December 25	5:14:12 AM	7:00:50 PM	7:32:07 PM
December 26	5:14:46 AM	7:01:15 PM	7:32:31 PM
December 27	5:15:21 AM	7:01:39 PM	7:32:54 PM
December 28	5:15:56 AM	7:02:02 PM	7:33:16 PM
December 29	5:16:33 AM	7:02:23 PM	7:33:36 PM
December 30	5:17:11 AM	7:02:43 PM	7:33:55 PM
December 31	5:17:49 AM	7:03:02 PM	7:34:12 PM