



Southern Wisconsin

**2020 Spring Turkey and Waterfowl** shooting hours listed from **30 minutes before sunrise to sunset** for **Zone A** in the **Southern Area**. If hunting in a zone other than Zone A, add the zone-specific minutes, as found in the hunting regulations, to the opening and closing times. See the regulations specific for the species you plan to hunt for hunting season dates.

	Jan		Feb		Mar		April		May		June		July		Aug		Sep		Oct		Nov		Dec		
Date	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	Date
1	6:55	4:24	6:38	5:01	5:57	5:40	6:02	7:18	5:12	7:54	4:42	8:26	4:43	8:36	5:10	8:13	5:45	7:25	6:19	6:31	5:58	4:41	6:35	4:15	1
2	6:55	4:25	6:37	5:03	5:55	5:42	6:00	7:20	5:11	7:55	4:41	8:27	4:44	8:36	5:12	8:12	5:46	7:24	6:20	6:29	5:59	4:40	6:36	4:15	2
3	6:55	4:26	6:36	5:04	5:53	5:43	5:58	7:21	5:10	7:57	4:41	8:28	4:44	8:36	5:13	8:11	5:47	7:22	6:21	6:27	6:00	4:38	6:37	4:14	3
4	6:55	4:27	6:35	5:05	5:52	5:44	5:56	7:22	5:08	7:58	4:40	8:29	4:45	8:36	5:14	8:09	5:48	7:20	6:23	6:25	6:02	4:37	6:38	4:14	4
5	6:55	4:28	6:34	5:07	5:50	5:45	5:54	7:23	5:07	7:59	4:40	8:29	4:46	8:35	5:15	8:08	5:50	7:18	6:24	6:24	6:03	4:36	6:39	4:14	5
6	6:55	4:29	6:32	5:08	5:48	5:47	5:53	7:24	5:06	8:00	4:40	8:30	4:46	8:35	5:16	8:07	5:51	7:17	6:25	6:22	6:04	4:34	6:40	4:14	6
7	6:54	4:30	6:31	5:10	5:46	5:48	5:51	7:26	5:04	8:01	4:40	8:31	4:47	8:35	5:17	8:05	5:52	7:15	6:26	6:20	6:05	4:33	6:41	4:14	7
8	6:54	4:31	6:30	5:11	6:45	6:49	5:49	7:27	5:03	8:02	4:39	8:31	4:48	8:34	5:18	8:04	5:53	7:13	6:27	6:18	6:07	4:32	6:42	4:14	8
9	6:54	4:32	6:28	5:12	6:43	6:50	5:47	7:28	5:02	8:03	4:39	8:32	4:49	8:34	5:19	8:03	5:54	7:11	6:29	6:17	6:08	4:31	6:43	4:14	9
10	6:54	4:33	6:27	5:14	6:41	6:52	5:46	7:29	5:01	8:05	4:39	8:32	4:49	8:33	5:20	8:01	5:55	7:09	6:30	6:15	6:09	4:30	6:44	4:14	10
11	6:53	4:34	6:26	5:15	6:39	6:53	5:44	7:30	5:00	8:06	4:39	8:33	4:50	8:33	5:22	8:00	5:56	7:07	6:31	6:13	6:11	4:29	6:45	4:14	11
12	6:53	4:35	6:24	5:16	6:37	6:54	5:42	7:32	4:58	8:07	4:39	8:33	4:51	8:32	5:23	7:58	5:57	7:06	6:32	6:12	6:12	4:28	6:46	4:14	12
13	6:53	4:37	6:23	5:18	6:36	6:55	5:41	7:33	4:57	8:08	4:39	8:34	4:52	8:31	5:24	7:57	5:59	7:04	6:33	6:10	6:13	4:27	6:47	4:14	13
14	6:52	4:38	6:22	5:19	6:34	6:57	5:39	7:34	4:56	8:09	4:39	8:34	4:53	8:31	5:25	7:55	6:00	7:02	6:35	6:08	6:15	4:26	6:47	4:14	14
15	6:52	4:39	6:20	5:20	6:32	6:58	5:37	7:35	4:55	8:10	4:39	8:35	4:53	8:30	5:26	7:54	6:01	7:00	6:36	6:06	6:16	4:25	6:48	4:15	15
16	6:51	4:40	6:19	5:22	6:30	6:59	5:36	7:36	4:54	8:11	4:39	8:35	4:54	8:29	5:27	7:52	6:02	6:58	6:37	6:05	6:17	4:24	6:49	4:15	16
17	6:51	4:42	6:17	5:23	6:29	7:00	5:34	7:38	4:53	8:12	4:39	8:35	4:55	8:28	5:28	7:51	6:03	6:56	6:38	6:03	6:19	4:23	6:49	4:15	17
18	6:50	4:43	6:16	5:25	6:27	7:02	5:32	7:39	4:52	8:13	4:39	8:36	4:56	8:28	5:29	7:49	6:04	6:55	6:40	6:02	6:20	4:22	6:50	4:16	18
19	6:49	4:44	6:14	5:26	6:25	7:03	5:31	7:40	4:51	8:14	4:39	8:36	4:57	8:27	5:31	7:47	6:05	6:53	6:41	6:00	6:21	4:21	6:51	4:16	19
20	6:49	4:45	6:13	5:27	6:23	7:04	5:29	7:41	4:50	8:15	4:39	8:36	4:58	8:26	5:32	7:46	6:07	6:51	6:42	5:58	6:22	4:21	6:51	4:16	20
21	6:48	4:47	6:11	5:29	6:21	7:05	5:27	7:42	4:49	8:16	4:39	8:36	4:59	8:25	5:33	7:44	6:08	6:49	6:43	5:57	6:24	4:20	6:52	4:17	21
22	6:47	4:48	6:10	5:30	6:20	7:06	5:26	7:44	4:48	8:17	4:40	8:37	5:00	8:24	5:34	7:43	6:09	6:47	6:45	5:55	6:25	4:19	6:52	4:17	22
23	6:47	4:49	6:08	5:31	6:18	7:08	5:24	7:45	4:48	8:18	4:40	8:37	5:01	8:23	5:35	7:41	6:10	6:45	6:46	5:54	6:26	4:19	6:53	4:18	23
24	6:46	4:51	6:06	5:33	6:16	7:09	5:23	7:46	4:47	8:19	4:40	8:37	5:02	8:22	5:36	7:39	6:11	6:44	6:47	5:52	6:27	4:18	6:53	4:19	24
25	6:45	4:52	6:05	5:34	6:14	7:10	5:21	7:47	4:46	8:20	4:41	8:37	5:03	8:21	5:37	7:38	6:12	6:42	6:49	5:51	6:28	4:17	6:53	4:19	25
26	6:44	4:53	6:03	5:35	6:12	7:11	5:20	7:48	4:45	8:21	4:41	8:37	5:04	8:20	5:38	7:36	6:13	6:40	6:50	5:49	6:30	4:17	6:54	4:20	26
27	6:43	4:55	6:02	5:36	6:11	7:12	5:18	7:50	4:45	8:22	4:41	8:37	5:05	8:19	5:40	7:34	6:15	6:38	6:51	5:48	6:31	4:16	6:54	4:21	27
28	6:42	4:56	6:00	5:38	6:09	7:14	5:17	7:51	4:44	8:23	4:42	8:37	5:06	8:18	5:41	7:32	6:16	6:36	6:52	5:46	6:32	4:16	6:54	4:21	28
29	6:41	4:57	5:58	5:39	6:07	7:15	5:15	7:52	4:43	8:24	4:42	8:37	5:07	8:17	5:42	7:31	6:17	6:34	6:54	5:45	6:33	4:16	6:54	4:22	29
30	6:40	4:59			6:05	7:16	5:14	7:53	4:43	8:25	4:43	8:37	5:08	8:16	5:43	7:29	6:18	6:33	6:55	5:44	6:34	4:15	6:55	4:23	30
31	6:39	5:00			6:03	7:17			4:42	8:26			5:09	8:14	5:44	7:27			6:56	5:42			6:55	4:24	31

Southern Wisconsin

**2020 Deer, Bear, Small Game, Fall Turkey, and Wolf shooting hours listed from 30 minutes before sunrise to 20 minutes after sunset for Zone A in the Southern Area.** If hunting in a zone other than Zone A, add the zone-specific minutes, as found in the hunting regulations, to the opening and closing times. See the regulations specific for the species you plan to hunt for hunting season dates.

	Jan		Feb		Mar		April		May		June		July		Aug		Sep		Oct		Nov		Dec		
Date	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	Date
1	6:55	4:44	6:38	5:21	5:57	6:00	6:02	7:38	5:12	8:14	4:42	8:46	4:43	8:56	5:10	8:33	5:45	7:45	6:19	6:51	5:58	5:01	6:35	4:35	1
2	6:55	4:45	6:37	5:23	5:55	6:02	6:00	7:40	5:11	8:15	4:41	8:47	4:44	8:56	5:12	8:32	5:46	7:44	6:20	6:49	5:59	5:00	6:36	4:35	2
3	6:55	4:46	6:36	5:24	5:53	6:03	5:58	7:41	5:10	8:17	4:41	8:48	4:44	8:56	5:13	8:31	5:47	7:42	6:21	6:47	6:00	4:58	6:37	4:34	3
4	6:55	4:47	6:35	5:25	5:52	6:04	5:56	7:42	5:08	8:18	4:40	8:49	4:45	8:56	5:14	8:29	5:48	7:40	6:23	6:45	6:02	4:57	6:38	4:34	4
5	6:55	4:48	6:34	5:27	5:50	6:05	5:54	7:43	5:07	8:19	4:40	8:49	4:46	8:55	5:15	8:28	5:50	7:38	6:24	6:44	6:03	4:56	6:39	4:34	5
6	6:55	4:49	6:32	5:28	5:48	6:07	5:53	7:44	5:06	8:20	4:40	8:50	4:46	8:55	5:16	8:27	5:51	7:37	6:25	6:42	6:04	4:54	6:40	4:34	6
7	6:54	4:50	6:31	5:30	5:46	6:08	5:51	7:46	5:04	8:21	4:40	8:51	4:47	8:55	5:17	8:25	5:52	7:35	6:26	6:40	6:05	4:53	6:41	4:34	7
8	6:54	4:51	6:30	5:31	6:45	7:09	5:49	7:47	5:03	8:22	4:39	8:51	4:48	8:54	5:18	8:24	5:53	7:33	6:27	6:38	6:07	4:52	6:42	4:34	8
9	6:54	4:52	6:28	5:32	6:43	7:10	5:47	7:48	5:02	8:23	4:39	8:52	4:49	8:54	5:19	8:23	5:54	7:31	6:29	6:37	6:08	4:51	6:43	4:34	9
10	6:54	4:53	6:27	5:34	6:41	7:12	5:46	7:49	5:01	8:25	4:39	8:52	4:49	8:53	5:20	8:21	5:55	7:29	6:30	6:35	6:09	4:50	6:44	4:34	10
11	6:53	4:54	6:26	5:35	6:39	7:13	5:44	7:50	5:00	8:26	4:39	8:53	4:50	8:53	5:22	8:20	5:56	7:27	6:31	6:33	6:11	4:49	6:45	4:34	11
12	6:53	4:55	6:24	5:36	6:37	7:14	5:42	7:52	4:58	8:27	4:39	8:53	4:51	8:52	5:23	8:18	5:57	7:26	6:32	6:32	6:12	4:48	6:46	4:34	12
13	6:53	4:57	6:23	5:38	6:36	7:15	5:41	7:53	4:57	8:28	4:39	8:54	4:52	8:51	5:24	8:17	5:59	7:24	6:33	6:30	6:13	4:47	6:47	4:34	13
14	6:52	4:58	6:22	5:39	6:34	7:17	5:39	7:54	4:56	8:29	4:39	8:54	4:53	8:51	5:25	8:15	6:00	7:22	6:35	6:28	6:15	4:46	6:47	4:34	14
15	6:52	4:59	6:20	5:40	6:32	7:18	5:37	7:55	4:55	8:30	4:39	8:55	4:53	8:50	5:26	8:14	6:01	7:20	6:36	6:26	6:16	4:45	6:48	4:35	15
16	6:51	5:00	6:19	5:42	6:30	7:19	5:36	7:56	4:54	8:31	4:39	8:55	4:54	8:49	5:27	8:12	6:02	7:18	6:37	6:25	6:17	4:44	6:49	4:35	16
17	6:51	5:02	6:17	5:43	6:29	7:20	5:34	7:58	4:53	8:32	4:39	8:55	4:55	8:48	5:28	8:11	6:03	7:16	6:38	6:23	6:19	4:43	6:49	4:35	17
18	6:50	5:03	6:16	5:45	6:27	7:22	5:32	7:59	4:52	8:33	4:39	8:56	4:56	8:48	5:29	8:09	6:04	7:15	6:40	6:22	6:20	4:42	6:50	4:36	18
19	6:49	5:04	6:14	5:46	6:25	7:23	5:31	8:00	4:51	8:34	4:39	8:56	4:57	8:47	5:31	8:07	6:05	7:13	6:41	6:20	6:21	4:41	6:51	4:36	19
20	6:49	5:05	6:13	5:47	6:23	7:24	5:29	8:01	4:50	8:35	4:39	8:56	4:58	8:46	5:32	8:06	6:07	7:11	6:42	6:18	6:22	4:41	6:51	4:36	20
21	6:48	5:07	6:11	5:49	6:21	7:25	5:27	8:02	4:49	8:36	4:39	8:56	4:59	8:45	5:33	8:04	6:08	7:09	6:43	6:17	6:24	4:40	6:52	4:37	21
22	6:47	5:08	6:10	5:50	6:20	7:26	5:26	8:04	4:48	8:37	4:40	8:57	5:00	8:44	5:34	8:03	6:09	7:07	6:45	6:15	6:25	4:39	6:52	4:37	22
23	6:47	5:09	6:08	5:51	6:18	7:28	5:24	8:05	4:48	8:38	4:40	8:57	5:01	8:43	5:35	8:01	6:10	7:05	6:46	6:14	6:26	4:39	6:53	4:38	23
24	6:46	5:11	6:06	5:53	6:16	7:29	5:23	8:06	4:47	8:39	4:40	8:57	5:02	8:42	5:36	7:59	6:11	7:04	6:47	6:12	6:27	4:38	6:53	4:39	24
25	6:45	5:12	6:05	5:54	6:14	7:30	5:21	8:07	4:46	8:40	4:41	8:57	5:03	8:41	5:37	7:58	6:12	7:02	6:49	6:11	6:28	4:37	6:53	4:39	25
26	6:44	5:13	6:03	5:55	6:12	7:31	5:20	8:08	4:45	8:41	4:41	8:57	5:04	8:40	5:38	7:56	6:13	7:00	6:50	6:09	6:30	4:37	6:54	4:40	26
27	6:43	5:15	6:02	5:56	6:11	7:32	5:18	8:10	4:45	8:42	4:41	8:57	5:05	8:39	5:40	7:54	6:15	6:58	6:51	6:08	6:31	4:36	6:54	4:41	27
28	6:42	5:16	6:00	5:58	6:09	7:34	5:17	8:11	4:44	8:43	4:42	8:57	5:06	8:38	5:41	7:52	6:16	6:56	6:52	6:06	6:32	4:36	6:54	4:41	28
29	6:41	5:17	5:58	5:59	6:07	7:35	5:15	8:12	4:43	8:44	4:42	8:57	5:07	8:37	5:42	7:51	6:17	6:54	6:54	6:05	6:33	4:36	6:54	4:42	29
30	6:40	5:19			6:05	7:36	5:14	8:13	4:43	8:45	4:43	8:57	5:08	8:36	5:43	7:49	6:18	6:53	6:55	6:04	6:34	4:35	6:55	4:43	30
31	6:39	5:20			6:03	7:37			4:42	8:46			5:09	8:34	5:44	7:47			6:56	6:02			6:55	4:44	31

**2020 Spring Turkey and Waterfowl** shooting hours listed from **30 minutes before sunrise to sunset** for **Zone A** in the **Northern Area**. If hunting in a zone other than Zone A, add the zone-specific minutes, as found in the hunting regulations, to the opening and closing times. See the regulations specific for the species you plan to hunt for hunting season dates.

	Jan		Feb		Mar		April		May		June		July		Aug		Sep		Oct		Nov		Dec		
Date	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	Date
1	7:01	4:16	6:42	4:56	5:58	5:38	5:59	7:19	5:07	7:58	4:34	8:33	4:35	8:43	5:04	8:18	5:42	7:27	6:19	6:29	6:01	4:36	6:41	4:07	1
2	7:01	4:17	6:41	4:57	5:56	5:39	5:57	7:20	5:06	7:59	4:33	8:34	4:36	8:43	5:05	8:17	5:43	7:25	6:20	6:27	6:02	4:35	6:42	4:07	2
3	7:01	4:18	6:40	4:59	5:54	5:41	5:55	7:22	5:04	8:01	4:33	8:34	4:36	8:43	5:07	8:15	5:44	7:23	6:22	6:25	6:04	4:33	6:43	4:07	3
4	7:01	4:19	6:38	5:00	5:52	5:42	5:54	7:23	5:03	8:02	4:32	8:35	4:37	8:42	5:08	8:14	5:46	7:21	6:23	6:24	6:05	4:32	6:44	4:07	4
5	7:01	4:20	6:37	5:02	5:50	5:43	5:52	7:24	5:01	8:03	4:32	8:36	4:38	8:42	5:09	8:12	5:47	7:19	6:24	6:22	6:06	4:30	6:45	4:06	5
6	7:01	4:21	6:36	5:03	5:49	5:45	5:50	7:26	5:00	8:04	4:32	8:37	4:38	8:41	5:10	8:11	5:48	7:18	6:26	6:20	6:08	4:29	6:46	4:06	6
7	7:00	4:22	6:34	5:05	5:47	5:46	5:48	7:27	4:58	8:06	4:31	8:37	4:39	8:41	5:11	8:09	5:49	7:16	6:27	6:18	6:09	4:28	6:47	4:06	7
8	7:00	4:24	6:33	5:06	6:45	6:47	5:46	7:28	4:57	8:07	4:31	8:38	4:40	8:40	5:13	8:08	5:51	7:14	6:28	6:16	6:11	4:27	6:48	4:06	8
9	7:00	4:25	6:32	5:08	6:43	6:49	5:44	7:30	4:56	8:08	4:31	8:39	4:41	8:40	5:14	8:06	5:52	7:12	6:29	6:14	6:12	4:25	6:49	4:06	9
10	6:59	4:26	6:30	5:09	6:41	6:50	5:42	7:31	4:54	8:09	4:31	8:39	4:41	8:39	5:15	8:05	5:53	7:10	6:31	6:12	6:13	4:24	6:50	4:06	10
11	6:59	4:27	6:29	5:10	6:39	6:51	5:41	7:32	4:53	8:11	4:30	8:40	4:42	8:39	5:16	8:03	5:54	7:08	6:32	6:11	6:15	4:23	6:51	4:06	11
12	6:59	4:28	6:27	5:12	6:37	6:53	5:39	7:34	4:52	8:12	4:30	8:40	4:43	8:38	5:17	8:02	5:55	7:06	6:33	6:09	6:16	4:22	6:52	4:06	12
13	6:58	4:29	6:26	5:13	6:35	6:54	5:37	7:35	4:51	8:13	4:30	8:41	4:44	8:37	5:19	8:00	5:57	7:04	6:35	6:07	6:18	4:21	6:53	4:06	13
14	6:58	4:31	6:24	5:15	6:34	6:55	5:35	7:36	4:50	8:14	4:30	8:41	4:45	8:37	5:20	7:59	5:58	7:02	6:36	6:05	6:19	4:20	6:54	4:06	14
15	6:57	4:32	6:23	5:16	6:32	6:57	5:33	7:37	4:48	8:15	4:30	8:42	4:46	8:36	5:21	7:57	5:59	7:00	6:37	6:03	6:20	4:19	6:54	4:07	15
16	6:57	4:33	6:21	5:18	6:30	6:58	5:32	7:39	4:47	8:16	4:30	8:42	4:47	8:35	5:22	7:55	6:00	6:58	6:39	6:02	6:22	4:18	6:55	4:07	16
17	6:56	4:35	6:20	5:19	6:28	6:59	5:30	7:40	4:46	8:18	4:30	8:42	4:48	8:34	5:24	7:54	6:02	6:56	6:40	6:00	6:23	4:17	6:56	4:07	17
18	6:55	4:36	6:18	5:21	6:26	7:01	5:28	7:41	4:45	8:19	4:30	8:43	4:49	8:33	5:25	7:52	6:03	6:54	6:41	5:58	6:25	4:16	6:56	4:08	18
19	6:55	4:37	6:17	5:22	6:24	7:02	5:26	7:43	4:44	8:20	4:30	8:43	4:50	8:33	5:26	7:50	6:04	6:52	6:43	5:56	6:26	4:15	6:57	4:08	19
20	6:54	4:39	6:15	5:24	6:22	7:03	5:25	7:44	4:43	8:21	4:31	8:43	4:51	8:32	5:27	7:49	6:05	6:50	6:44	5:55	6:27	4:14	6:58	4:08	20
21	6:53	4:40	6:13	5:25	6:20	7:05	5:23	7:45	4:42	8:22	4:31	8:43	4:52	8:31	5:28	7:47	6:07	6:49	6:45	5:53	6:29	4:13	6:58	4:09	21
22	6:52	4:41	6:12	5:26	6:18	7:06	5:21	7:47	4:41	8:23	4:31	8:44	4:53	8:30	5:30	7:45	6:08	6:47	6:47	5:51	6:30	4:13	6:59	4:10	22
23	6:51	4:43	6:10	5:28	6:16	7:07	5:20	7:48	4:40	8:24	4:31	8:44	4:54	8:29	5:31	7:43	6:09	6:45	6:48	5:50	6:31	4:12	6:59	4:10	23
24	6:51	4:44	6:08	5:29	6:15	7:09	5:18	7:49	4:39	8:25	4:32	8:44	4:55	8:28	5:32	7:42	6:10	6:43	6:50	5:48	6:32	4:11	6:59	4:11	24
25	6:50	4:46	6:06	5:31	6:13	7:10	5:16	7:50	4:39	8:26	4:32	8:44	4:56	8:26	5:33	7:40	6:12	6:41	6:51	5:47	6:34	4:10	7:00	4:11	25
26	6:49	4:47	6:05	5:32	6:11	7:11	5:15	7:52	4:38	8:27	4:32	8:44	4:57	8:25	5:35	7:38	6:13	6:39	6:52	5:45	6:35	4:10	7:00	4:12	26
27	6:48	4:49	6:03	5:34	6:09	7:13	5:13	7:53	4:37	8:28	4:33	8:44	4:58	8:24	5:36	7:36	6:14	6:37	6:54	5:43	6:36	4:09	7:00	4:13	27
28	6:47	4:50	6:01	5:35	6:07	7:14	5:12	7:54	4:36	8:29	4:33	8:44	5:00	8:23	5:37	7:34	6:15	6:35	6:55	5:42	6:37	4:09	7:00	4:14	28
29	6:45	4:51	5:59	5:36	6:05	7:15	5:10	7:56	4:36	8:30	4:34	8:43	5:01	8:22	5:38	7:33	6:17	6:33	6:57	5:40	6:39	4:08	7:01	4:14	29
30	6:44	4:53			6:03	7:17	5:09	7:57	4:35	8:31	4:34	8:43	5:02	8:20	5:40	7:31	6:18	6:31	6:58	5:39	6:40	4:08	7:01	4:15	30
31	6:43	4:54			6:01	7:18			4:34	8:32			5:03	8:19	5:41	7:29			6:59	5:37			7:01	4:16	31

**2020 Deer, Bear, Small Game, Fall Turkey, and Wolf** shooting hours listed from **30 minutes before sunrise to 20 minutes after sunset** for **Zone A** in the **Northern Area**. If hunting in a zone other than Zone A, add the zone-specific minutes, as found in the hunting regulations, to the opening and closing times. See the regulations specific for the species you plan to hunt for hunting season dates.

	Jan		Feb		Mar		April		May		June		July		Aug		Sep		Oct		Nov		Dec		
Date	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	Date
1	7:01	4:36	6:42	5:16	5:58	5:58	5:59	7:39	5:07	8:18	4:34	8:53	4:35	9:03	5:04	8:38	5:42	7:47	6:19	6:49	6:01	4:56	6:41	4:27	1
2	7:01	4:37	6:41	5:17	5:56	5:59	5:57	7:40	5:06	8:19	4:33	8:54	4:36	9:03	5:05	8:37	5:43	7:45	6:20	6:47	6:02	4:55	6:42	4:27	2
3	7:01	4:38	6:40	5:19	5:54	6:01	5:55	7:42	5:04	8:21	4:33	8:54	4:36	9:03	5:07	8:35	5:44	7:43	6:22	6:45	6:04	4:53	6:43	4:27	3
4	7:01	4:39	6:38	5:20	5:52	6:02	5:54	7:43	5:03	8:22	4:32	8:55	4:37	9:02	5:08	8:34	5:46	7:41	6:23	6:44	6:05	4:52	6:44	4:27	4
5	7:01	4:40	6:37	5:22	5:50	6:03	5:52	7:44	5:01	8:23	4:32	8:56	4:38	9:02	5:09	8:32	5:47	7:39	6:24	6:42	6:06	4:50	6:45	4:26	5
6	7:01	4:41	6:36	5:23	5:49	6:05	5:50	7:46	5:00	8:24	4:32	8:57	4:38	9:01	5:10	8:31	5:48	7:38	6:26	6:40	6:08	4:49	6:46	4:26	6
7	7:00	4:42	6:34	5:25	5:47	6:06	5:48	7:47	4:58	8:26	4:31	8:57	4:39	9:01	5:11	8:29	5:49	7:36	6:27	6:38	6:09	4:48	6:47	4:26	7
8	7:00	4:44	6:33	5:26	6:45	7:07	5:46	7:48	4:57	8:27	4:31	8:58	4:40	9:00	5:13	8:28	5:51	7:34	6:28	6:36	6:11	4:47	6:48	4:26	8
9	7:00	4:45	6:32	5:28	6:43	7:09	5:44	7:50	4:56	8:28	4:31	8:59	4:41	9:00	5:14	8:26	5:52	7:32	6:29	6:34	6:12	4:45	6:49	4:26	9
10	6:59	4:46	6:30	5:29	6:41	7:10	5:42	7:51	4:54	8:29	4:31	8:59	4:41	8:59	5:15	8:25	5:53	7:30	6:31	6:32	6:13	4:44	6:50	4:26	10
11	6:59	4:47	6:29	5:30	6:39	7:11	5:41	7:52	4:53	8:31	4:30	9:00	4:42	8:59	5:16	8:23	5:54	7:28	6:32	6:31	6:15	4:43	6:51	4:26	11
12	6:59	4:48	6:27	5:32	6:37	7:13	5:39	7:54	4:52	8:32	4:30	9:00	4:43	8:58	5:17	8:22	5:55	7:26	6:33	6:29	6:16	4:42	6:52	4:26	12
13	6:58	4:49	6:26	5:33	6:35	7:14	5:37	7:55	4:51	8:33	4:30	9:01	4:44	8:57	5:19	8:20	5:57	7:24	6:35	6:27	6:18	4:41	6:53	4:26	13
14	6:58	4:51	6:24	5:35	6:34	7:15	5:35	7:56	4:50	8:34	4:30	9:01	4:45	8:57	5:20	8:19	5:58	7:22	6:36	6:25	6:19	4:40	6:54	4:26	14
15	6:57	4:52	6:23	5:36	6:32	7:17	5:33	7:57	4:48	8:35	4:30	9:02	4:46	8:56	5:21	8:17	5:59	7:20	6:37	6:23	6:20	4:39	6:54	4:27	15
16	6:57	4:53	6:21	5:38	6:30	7:18	5:32	7:59	4:47	8:36	4:30	9:02	4:47	8:55	5:22	8:15	6:00	7:18	6:39	6:22	6:22	4:38	6:55	4:27	16
17	6:56	4:55	6:20	5:39	6:28	7:19	5:30	8:00	4:46	8:38	4:30	9:02	4:48	8:54	5:24	8:14	6:02	7:16	6:40	6:20	6:23	4:37	6:56	4:27	17
18	6:55	4:56	6:18	5:41	6:26	7:21	5:28	8:01	4:45	8:39	4:30	9:03	4:49	8:53	5:25	8:12	6:03	7:14	6:41	6:18	6:25	4:36	6:56	4:28	18
19	6:55	4:57	6:17	5:42	6:24	7:22	5:26	8:03	4:44	8:40	4:30	9:03	4:50	8:53	5:26	8:10	6:04	7:12	6:43	6:16	6:26	4:35	6:57	4:28	19
20	6:54	4:59	6:15	5:44	6:22	7:23	5:25	8:04	4:43	8:41	4:31	9:03	4:51	8:52	5:27	8:09	6:05	7:10	6:44	6:15	6:27	4:34	6:58	4:28	20
21	6:53	5:00	6:13	5:45	6:20	7:25	5:23	8:05	4:42	8:42	4:31	9:03	4:52	8:51	5:28	8:07	6:07	7:09	6:45	6:13	6:29	4:33	6:58	4:29	21
22	6:52	5:01	6:12	5:46	6:18	7:26	5:21	8:07	4:41	8:43	4:31	9:04	4:53	8:50	5:30	8:05	6:08	7:07	6:47	6:11	6:30	4:33	6:59	4:30	22
23	6:51	5:03	6:10	5:48	6:16	7:27	5:20	8:08	4:40	8:44	4:31	9:04	4:54	8:49	5:31	8:03	6:09	7:05	6:48	6:10	6:31	4:32	6:59	4:30	23
24	6:51	5:04	6:08	5:49	6:15	7:29	5:18	8:09	4:39	8:45	4:32	9:04	4:55	8:48	5:32	8:02	6:10	7:03	6:50	6:08	6:32	4:31	6:59	4:31	24
25	6:50	5:06	6:06	5:51	6:13	7:30	5:16	8:10	4:39	8:46	4:32	9:04	4:56	8:46	5:33	8:00	6:12	7:01	6:51	6:07	6:34	4:30	7:00	4:31	25
26	6:49	5:07	6:05	5:52	6:11	7:31	5:15	8:12	4:38	8:47	4:32	9:04	4:57	8:45	5:35	7:58	6:13	6:59	6:52	6:05	6:35	4:30	7:00	4:32	26
27	6:48	5:09	6:03	5:54	6:09	7:33	5:13	8:13	4:37	8:48	4:33	9:04	4:58	8:44	5:36	7:56	6:14	6:57	6:54	6:03	6:36	4:29	7:00	4:33	27
28	6:47	5:10	6:01	5:55	6:07	7:34	5:12	8:14	4:36	8:49	4:33	9:04	5:00	8:43	5:37	7:54	6:15	6:55	6:55	6:02	6:37	4:29	7:00	4:34	28
29	6:45	5:11	5:59	5:56	6:05	7:35	5:10	8:16	4:36	8:50	4:34	9:03	5:01	8:42	5:38	7:53	6:17	6:53	6:57	6:00	6:39	4:28	7:01	4:34	29
30	6:44	5:13			6:03	7:37	5:09	8:17	4:35	8:51	4:34	9:03	5:02	8:40	5:40	7:51	6:18	6:51	6:58	5:59	6:40	4:28	7:01	4:35	30
31	6:43	5:14			6:01	7:38			4:34	8:52			5:03	8:39	5:41	7:49			6:59	5:57			7:01	4:36	31