

Additional notes:

🦽 All CTA buses are accessible. For accessibility help or to report concerns at stops, contact CTA Customer Service at transitchicago.com/feedback.

! Federal law requires priority seating be designated for seniors and people with disabilities. **Please stand up** and yield these seats when needed for qualifying riders or when asked.

🕒 Schedules and other info in this timetable are subject to change. CTA does not assume responsibility for errors in timetables nor for inconvenience or damage resulting from delays.

i Pay close attention to destination signs and announcements when boarding: added service may sometimes be provided over portions of this or any bus route and some trips can end before the furthest terminal on a line depending on service needs or time of day.

🚲 Bicycle racks are installed on the front of all CTA buses and are allowed on CTA trains during certain hours. See our Bike & Ride brochure or webpage for help on how to use racks and more.

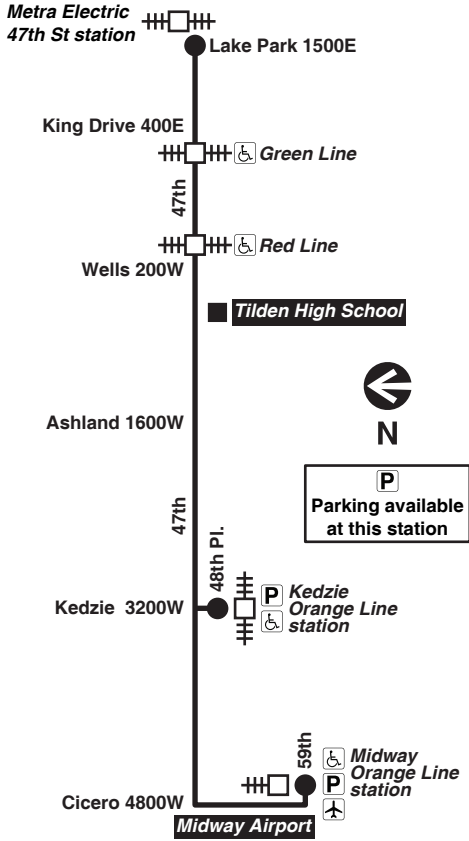
! Know before you go: Get alerts from us by text or e-mail about planned service changes every week or instant alerts for unplanned reroutes and disruptions. Sign up for CTA Updates today at transitchicago.com/updates.

? For more travel information, use the Ventra app or call the RTA Travel Information Center at 312-836-7000. *Para obtener mayor información, en Español, llame al Centro de Información a 312-836-7000.*

47

47th

Effective Jun. 15, 2025



 **Frequent route**
10 min or better, all day

🦽 All CTA buses are accessible

transitchicago.com/bus/47



Monday thru Friday

#47 47th

Eastbound

LV Midway Orange Ln	LV Archer/ Cicero	47th/ Cicero	Kedzie Orange Line stn	47th/ Ashland	47th Red Line station	AR 47th/ Lake Park
-----	-----	-----	-----	3:36a	3:44a	3:54a
-----	-----	-----	3:51a	4:02	4:10	4:20
4:00a	4:05a	4:07a	4:17	4:28	4:35	4:46
4:15	4:20	4:22	4:32	4:43	4:51	5:02
4:24	4:29	4:31	4:41	4:52	5:00	5:11
4:32	4:37	4:40	4:50	5:02	5:10	5:21
4:40	4:45	4:48	4:58	5:10	5:18	5:29
4:50	4:55	4:58	5:08	5:20	5:28	5:39
4:59	5:04	5:07	5:18	5:30	5:38	5:48
5:08	5:13	5:16	5:27	5:39	5:47	5:57
5:17	5:23	5:26	5:37	5:48	5:57	6:07
5:26	5:32	5:35	5:46	5:57	6:06	6:16
5:35	5:41	5:44	5:55	6:06	6:15	6:25
5:44	5:49	5:52	6:03	6:15	6:23	6:33
5:53	5:58	6:01	6:12	6:24	6:32	6:42
5:59	6:05	6:08	6:19	6:30	6:39	6:49
6:07	6:13	6:16	6:27	6:39	6:48	6:58
6:13	6:19	6:21	6:34	6:47	6:56	7:07
6:22	6:29	6:31	6:44	6:57	7:06	7:17
6:30	6:37	6:39	6:52	7:05	7:14	7:26
6:31	6:38	6:41	6:54	7:07	7:16	7:29
6:41	6:47	6:50	7:03	7:17	7:26	7:39
6:50	6:56	6:59	7:12	7:27	7:36	7:48
6:58	7:05	7:08	7:21	7:37	7:46	7:58
7:00	7:07	7:10	7:24	7:40	7:49	8:01

then every 7 to 10 minutes until

10:59	11:05	11:08	11:19	11:35	11:44	11:58
11:04	11:09	11:12	11:25	11:42	11:52	12:06p
11:14	11:19	11:22	11:35	11:52	12:02p	12:16
11:24	11:29	11:32	11:45	12:02p	12:12	12:26
11:34	11:39	11:42	11:55	12:12	12:22	12:36
11:44	11:49	11:52	12:05p	12:22	12:32	12:46
11:53	11:58	12:01p	12:14	12:31	12:41	12:55
12:02p	12:07p	12:10	12:23	12:40	12:50	1:04
12:11	12:17	12:20	12:33	12:49	12:59	1:13
12:20	12:25	12:28	12:41	12:58	1:08	1:22
12:30	12:35	12:38	12:51	1:08	1:18	1:32
12:39	12:45	12:48	1:01	1:17	1:27	1:41
12:48	12:54	12:57	1:10	1:26	1:36	1:50
12:58	1:03	1:06	1:19	1:36	1:46	2:00
1:04	1:10	1:13	1:26	1:42	1:52	2:06
1:12	1:18	1:21	1:34	1:50	2:00	2:14
1:22	1:28	1:31	1:44	2:00	2:10	2:24
1:30	1:35	1:38	1:51	2:08	2:18	2:32
1:35	1:41	1:44	1:57	2:13	2:23	2:37
1:45	1:50	1:53	2:06	2:23	2:33	2:47
1:54	1:59	2:02	2:15	2:32	2:42	2:56
2:02	2:07	2:10	2:23	2:40	2:50	3:04
2:10	2:16	2:19	2:32	2:50	2:59	3:14
2:20	2:25	2:28	2:42	3:00	3:09	3:24
2:29	2:35	2:38	2:52	3:10	3:19	3:34
2:34	2:39	2:42	2:57	3:16	3:26	3:41
2:43	2:49	2:52	3:07	3:26	3:36	3:51
2:51	2:56	3:00	3:16	3:36	3:46	4:00
2:57	3:03	3:08	3:25	3:45	3:55	4:10

then every 7 to 10 minutes until

8:58	9:03	9:06	9:16	9:28	9:37	9:49
9:09	9:14	9:17	9:27	9:39	9:48	10:00
9:31	9:36	9:38	9:49	10:00	10:09	10:20
9:53	9:58	10:00	10:11	10:22	10:31	10:42
10:15	10:20	10:22	10:33	10:44	10:53	11:04
10:37	10:42	10:44	10:55	11:06	11:14	11:25
10:59	11:04	11:06	11:17	11:28	11:36	11:47
11:21	11:26	11:28	11:39	11:50	11:58	12:09a
11:46	11:51	11:53	12:03a	12:13a	12:21a	12:31
12:11a	12:16a	12:19a	12:28	12:38	12:46	12:57
12:37	12:42	12:44	12:54	1:04	1:12	1:22
1:02	1:07	1:10	1:19	1:29	-----	-----
1:28	1:33	1:35	1:44	1:54	-----	-----

Westbound

LV 47th/ Lake Park	47th Red Line station	47th/ Ashland	Kedzie Orange Line stn	47th/ Cicero	AR Archer/ Cicero	AR Midway Orange Ln
-----	-----	3:56a	4:06a	4:09a	4:15a	4:22a
4:03a	4:15a	4:22	4:34	4:37	4:44	4:51
4:29	4:41	4:48	5:00	5:03	5:10	5:17
4:55	5:07	5:14	5:25	5:28	5:35	5:42
5:11	5:23	5:31	5:43	5:46	5:54	6:01
5:20	5:32	5:40	5:53	5:56	6:04	6:11
5:30	5:42	5:50	6:02	6:05	6:14	6:21
5:38	5:51	5:58	6:11	6:15	6:23	6:31
5:48	6:01	6:08	6:21	6:25	6:33	6:41
5:57	6:10	6:18	6:31	6:35	6:43	6:51
6:06	6:19	6:28	6:41	6:45	6:53	7:01
6:16	6:29	6:37	6:50	6:55	7:03	7:11
6:25	6:38	6:46	7:00	7:04	7:13	7:21
6:34	6:47	6:56	7:10	7:14	7:23	7:31
6:42	6:56	7:04	7:19	7:23	7:33	7:41
6:51	7:05	7:13	7:28	7:32	7:43	7:51
6:58	7:12	7:21	7:37	7:42	7:53	8:01
7:08	7:22	7:31	7:47	7:52	8:03	8:11
7:17	7:32	7:40	7:57	8:01	8:10	8:18
7:27	7:42	7:50	8:07	8:11	8:20	8:28
7:35	7:50	7:58	8:14	8:19	8:28	8:35
7:45	8:00	8:08	8:23	8:27	8:36	8:43
7:55	8:10	8:18	8:32	8:37	8:45	8:53
8:04	8:20	8:28	8:41	8:46	8:55	9:02
8:14	8:30	8:38	8:50	8:56	9:04	9:12
8:24	8:39	8:47	9:00	9:05	9:13	9:20
8:33	8:48	8:57	9:10	9:14	9:22	9:29
8:42	8:57	9:05	9:18	9:22	9:30	9:37
8:50	9:06	9:15	9:28	9:32	9:40	9:47
8:57	9:13	9:22	9:35	9:39	9:47	9:54
9:04	9:20	9:29	9:42	9:46	9:54	10:01
9:12	9:28	9:37	9:50	9:54	10:02	10:09
9:16	9:32	9:41	9:54	9:58	10:06	10:13

then every 7 to 10 minutes until

2:49p	3:05p	3:16p	3:36p	3:41p	3:54p	4:02p
2:55	3:11	3:21	3:45	3:51	4:02	4:10
3:04	3:21	3:31	3:55	4:01	4:11	4:19
3:13	3:30	3:41	4:03	4:10	4:19	4:27
3:23	3:40	3:51	4:13	4:19	4:28	4:36
3:33	3:50	4:01	4:21	4:27	4:37	4:44
3:43	4:00	4:11	4:30	4:36	4:46	4:53
3:53	4:10	4:21	4:40	4:46	4:56	5:03
4:03	4:20	4:30	4:48	4:55	5:04	5:13
4:13	4:30	4:40	4:57	5:05	5:14	5:23
4:23	4:40	4:50	5:07	5:14	5:23	5:32
4:33	4:50	5:00	5:17	5:24	5:33	5:41
4:42	4:59	5:09	5:26	5:32	5:41	5:49
4:51	5:08	5:18	5:35	5:42	5:51	5:59
5:00	5:17	5:27	5:43	5:50	5:59	6:07
5:08	5:24	5:34	5:50	5:56	6:05	6:13
5:14	5:31	5:40	5:56	6:02	6:11	6:19
5:21	5:38	5:47	6:03	6:09	6:18	6:26
5:28	5:45	5:54	6:10	6:16	6:25	6:33
5:37	5:53	6:02	6:18	6:23	6:31	6:39
5:47	6:03	6:12	6:27	6:33	6:41	6:48
5:56	6:12	6:21	6:36	6:41	6:49	6:56
6:06	6:22	6:30	6:45	6:50	6:58	7:05

then every 7 to 10 minutes until

10:00	10:14	10:21	10:32	10:35	10:42	10:48
10:12	10:25	10:33	10:44	10:47	10:53	11:00
10:33	10:45	10:52	11:03	11:06	11:12	11:19
10:54	11:06	11:13	11:24	11:27	11:33	11:40
11:15	11:27	11:34	11:45	11:48	11:54	12:01a
11:36	11:48	11:55	12:06a	12:09a	12:15a	12:22
11:57	12:09a	12:16a	12:27	12:30	12:36	12:43
12:18a	12:29	12:37	12:48	12:51	12:57	1:04
12:40	12:50	12:57	1:08	1:11	1:17	1:23
1:05	1:15	1:21	1:32	-----	-----	-----
1:30	1:41	1:46	1:58	-----	-----	-----

Saturday

#47 47th

Eastbound							Westbound						
LV Midway Orange Ln	LV Archer/ Cicero	47th/ Cicero	Kedzie Orange Line stn	47th/ Ashland	47th Red Line station	AR 47th/ Lake Park	LV 47th/ Lake Park	47th Red Line station	47th/ Ashland	Kedzie Orange Line stn	47th/ Cicero	AR Archer/ Cicero	AR Midway Orange Ln
-----	-----	-----	-----	3:32a	3:44a	3:54a	-----	-----	3:52a	4:02a	4:11a	4:13a	4:17a
-----	-----	-----	3:50a	4:00	4:12	4:22	4:03a	4:15a	4:22	4:33	4:41	4:44	4:48
4:00a	4:05a	4:07a	4:16	4:26	4:38	4:48	4:31	4:42	4:50	5:01	5:11	5:13	5:18
4:24	4:29	4:31	4:40	4:51	5:02	5:13	4:57	5:09	5:16	5:28	5:38	5:40	5:45
4:48	4:53	4:55	5:05	5:16	5:26	5:37	5:21	5:33	5:41	5:53	6:02	6:04	6:10
5:10	5:15	5:18	5:28	5:38	5:49	5:59	5:45	5:57	6:05	6:17	6:26	6:28	6:34
5:32	5:37	5:39	5:49	6:00	6:10	6:21	6:08	6:20	6:27	6:39	6:49	6:51	6:57
5:52	5:57	5:59	6:09	6:21	6:30	6:42	6:29	6:41	6:49	7:01	7:10	7:12	7:18
6:12	6:18	6:20	6:30	6:42	6:51	7:03	6:50	7:02	7:10	7:22	7:31	7:33	7:39
6:32	6:37	6:40	6:50	7:01	7:11	7:22	7:11	7:25	7:33	7:45	7:55	7:56	8:03
6:50	6:56	6:58	7:08	7:20	7:29	7:41	7:31	7:44	7:52	8:04	8:14	8:16	8:22
7:08	7:13	7:15	7:25	7:38	7:47	7:59	7:49	8:03	8:11	8:23	8:33	8:34	8:41
7:18	7:23	7:25	7:35	7:48	7:57	8:09	8:07	8:22	8:30	8:42	8:53	8:55	9:01
7:28	7:33	7:35	7:45	7:58	8:07	8:19	8:17	8:32	8:40	8:52	9:03	9:05	9:11
7:38	7:43	7:45	7:55	8:08	8:17	8:29	8:27	8:42	8:50	9:02	9:13	9:15	9:21
7:48	7:53	7:55	8:05	8:18	8:27	8:39	8:37	8:52	9:00	9:12	9:23	9:25	9:31
7:58	8:03	8:05	8:15	8:28	8:37	8:49	8:47	9:02	9:10	9:22	9:33	9:35	9:41
8:07	8:13	8:15	8:25	8:37	8:47	8:58	8:57	9:12	9:20	9:32	9:43	9:45	9:51
8:14	8:20	8:22	8:33	8:45	8:54	9:06	9:06	9:20	9:28	9:41	9:52	9:54	10:01
8:22	8:28	8:31	8:41	8:54	9:03	9:15	9:14	9:29	9:37	9:51	10:01	10:04	10:11
8:29	8:35	8:38	8:49	9:03	9:12	9:24	9:23	9:38	9:46	10:00	10:10	10:13	10:20
8:37	8:43	8:46	8:57	9:11	9:20	9:32	9:32	9:47	9:55	10:09	10:20	10:22	10:29
8:47	8:53	8:56	9:07	9:21	9:30	9:42	9:40	9:56	10:04	10:18	10:30	10:32	10:39
8:57	9:03	9:05	9:16	9:30	9:39	9:52	9:50	10:06	10:14	10:28	10:40	10:42	10:49
9:05	9:11	9:14	9:25	9:39	9:48	10:00	10:00	10:16	10:24	10:38	10:50	10:52	10:59
9:15	9:21	9:23	9:34	9:48	9:57	10:10	10:08	10:24	10:33	10:48	10:59	11:01	11:08
9:24	9:30	9:32	9:43	9:57	10:06	10:19	10:18	10:34	10:42	10:58	11:09	11:11	11:18
9:29	9:34	9:37	9:48	10:04	10:14	10:27	10:27	10:43	10:51	11:07	11:19	11:21	11:28
9:33	9:38	9:41	9:52	10:08	10:18	10:31	10:35	10:51	11:00	11:16	11:29	11:31	11:38
9:42	9:47	9:50	10:01	10:17	10:27	10:40	10:44	11:00	11:09	11:25	11:39	11:41	11:48
9:52	9:57	10:00	10:11	10:27	10:37	10:50	10:53	11:10	11:19	11:35	11:49	11:50	11:57
10:01	10:06	10:09	10:20	10:36	10:46	10:59	11:03	11:19	11:28	11:44	11:58	12:00p	12:07p
10:09	10:15	10:18	10:29	10:44	10:54	11:07	11:12	11:28	11:38	11:54	12:08p	12:10	12:17
10:17	10:22	10:25	10:36	10:52	11:02	11:15	11:21	11:37	11:47	12:04p	12:17	12:19	12:26
10:27	10:32	10:35	10:46	11:02	11:12	11:25	11:28	11:46	11:56	12:14	12:27	12:29	12:36
10:36	10:42	10:45	10:56	11:12	11:21	11:34	11:38	11:55	12:05p	12:24	12:36	12:38	12:45
10:44	10:50	10:53	11:05	11:21	11:31	11:44	11:47	12:03p	12:14	12:30	12:45	12:46	12:54
10:53	10:59	11:02	11:13	11:30	11:40	11:53	11:57	12:13	12:24	12:40	12:55	12:56	1:04
11:03	11:09	11:12	11:23	11:40	11:49	12:03p	12:06p	12:23	12:33	12:50	1:03	1:05	1:12
11:12	11:18	11:21	11:32	11:50	11:59	12:13	12:16	12:33	12:43	1:00	1:13	1:15	1:22
11:21	11:27	11:30	11:41	12:00p	12:09p	12:23	12:26	12:43	12:53	1:10	1:23	1:25	1:32
11:30	11:35	11:38	11:51	12:09	12:19	12:33	12:36	12:53	1:03	1:20	1:33	1:35	1:42
11:40	11:45	11:48	12:01p	12:19	12:29	12:43	12:46	1:03	1:12	1:30	1:43	1:45	1:52
11:49	11:55	11:58	12:10	12:29	12:38	12:52	12:56	1:13	1:22	1:40	1:53	1:55	2:02
11:53	12:00p	12:03p	12:16	12:38	12:47	1:02	1:05	1:22	1:32	1:49	2:02	2:04	2:11
12:01p	12:07	12:11	12:23	12:45	12:55	1:09	1:15	1:32	1:41	1:58	2:11	2:13	2:20
12:11	12:17	12:20	12:33	12:53	1:02	1:17	1:25	1:41	1:50	2:07	2:20	2:21	2:28
12:21	12:27	12:30	12:43	1:01	1:10	1:25	1:32	1:49	1:58	2:15	2:27	2:29	2:36
12:31	12:37	12:40	12:52	1:10	1:20	1:34	1:41	1:57	2:06	2:23	2:36	2:37	2:44
12:41	12:47	12:50	1:02	1:20	1:30	1:44	1:47	2:04	2:13	2:30	2:42	2:44	2:51
12:51	12:57	1:00	1:12	1:30	1:40	1:54	1:57	2:14	2:23	2:40	2:52	2:54	3:01
1:01	1:07	1:10	1:22	1:40	1:50	2:04	2:07	2:24	2:33	2:50	3:02	3:04	3:11
1:11	1:17	1:20	1:32	1:50	2:00	2:14	2:17	2:34	2:43	3:00	3:12	3:14	3:21
1:21	1:27	1:30	1:42	2:00	2:10	2:24	then every 7 to 10 minutes until						
1:30	1:36	1:39	1:52	2:10	2:20	2:34	9:04	9:18	9:25	9:36	9:46	9:48	9:54
1:40	1:46	1:49	2:02	2:20	2:30	2:44	9:13	9:27	9:34	9:45	9:55	9:57	10:03
1:50	1:56	1:59	2:12	2:30	2:40	2:54	9:22	9:36	9:43	9:54	10:04	10:06	10:12
then every 8 to 10 minutes until							9:31	9:45	9:52	10:03	10:13	10:15	10:21
9:01	9:06	9:08	9:19	9:30	9:39	9:50	9:40	9:54	10:01	10:12	10:22	10:24	10:30
9:11	9:16	9:18	9:29	9:40	9:49	10:00	9:50	10:03	10:10	10:22	10:31	10:33	10:39
9:24	9:29	9:31	9:42	9:53	10:02	10:13	9:56	10:10	10:17	10:28	10:38	10:40	10:46
9:48	9:53	9:55	10:06	10:17	10:26	10:37	10:06	10:20	10:27	10:38	10:48	10:50	10:56
10:12	10:17	10:19	10:30	10:41	10:50	11:01	10:22	10:35	10:42	10:54	11:03	11:05	11:11
10:36	10:41	10:43	10:54	11:05	11:14	11:25	10:45	10:58	11:05	11:17	11:26	11:28	11:34
11:00	11:05	11:07	11:17	11:27	11:37	11:49	11:08	11:21	11:28	11:40	11:49	11:51	11:57
11:24	11:29	11:31	11:41	11:51	12:01a	12:13a	11:31	11:42	11:49	12:00a	12:09a	12:12a	12:16a
11:48	11:53	11:55	12:05a	12:15a	12:25	12:37	11:54	12:05a	12:12a	12:23	12:32	12:35	12:39
12:13a	12:18a	12:20a	12:29	12:38	12:51	1:00	12:17a	12:28	12:35	12:46	12:55	12:58	1:02
12:38	12:43	12:45	12:54	1:03	1:16	1:25	12:40	12:51	12:58	1:09	1:18	1:21	1:25
1:03	1:08	1:10	1:19	1:28	-----	-----	1:03	1:14	1:21	1:32	-----	-----	-----
1:28	1:33	1:35	1:45	1:54	-----	-----	1:28	1:38	1:43	1:54	-----	-----	-----

Sunday/holiday

#47 47th

Eastbound							Westbound						
LV Midway Orange Ln	LV Archer/ Cicero	47th/ Cicero	Kedzie Orange Line stn	47th/ Ashland	47th Red Line station	AR 47th/ Lake Park	LV 47th/ Lake Park	47th Red Line station	47th/ Ashland	Kedzie Orange Line stn	47th/ Cicero	AR Archer/ Cicero	AR Midway Orange Ln
-----	-----	-----	-----	3:38a	3:45a	3:54a	-----	-----	3:53a	4:02a	4:11a	4:12a	4:17a
-----	-----	-----	3:52a	4:03	4:10	4:20	4:00a	4:11a	4:18	4:27	4:36	4:37	4:42
4:00a	4:05a	4:07a	4:17	4:28	4:35	4:45	4:25	4:36	4:43	4:53	5:02	5:03	5:07
4:25	4:30	4:32	4:42	4:53	5:00	5:10	4:50	5:01	5:08	5:18	5:27	5:29	5:33
4:50	4:55	4:57	5:07	5:18	5:25	5:35	5:15	5:26	5:33	5:44	5:53	5:55	5:59
5:15	5:20	5:22	5:32	5:43	5:50	6:00	5:40	5:52	5:59	6:09	6:18	6:20	6:25
5:39	5:44	5:46	5:57	6:07	6:15	6:24	6:05	6:17	6:24	6:34	6:43	6:45	6:50
6:04	6:09	6:11	6:21	6:32	6:39	6:49	6:30	6:42	6:49	6:59	7:08	7:10	7:15
-----	-----	-----	6:36	6:47	6:54	7:04	6:55	7:07	7:14	7:24	7:33	7:35	7:40
6:34	6:39	6:41	6:51	7:02	7:09	7:19	7:12	7:24	7:31	7:41	7:50	7:52	7:57
-----	-----	-----	7:06	7:17	7:25	7:35	7:25	7:37	7:44	7:54	-----	-----	-----
7:01	7:06	7:08	7:18	7:30	7:38	7:49	7:42	7:55	8:02	8:12	8:21	8:23	8:29
-----	-----	-----	7:32	7:44	7:52	8:02	7:58	8:11	8:18	8:28	8:37	8:39	8:46
7:28	7:33	7:35	7:45	7:57	8:05	8:16	8:14	8:26	8:34	8:44	8:54	8:55	9:02
7:38	7:43	7:45	7:55	8:07	8:15	8:26	8:23	8:36	8:43	8:54	9:04	9:05	9:12
-----	-----	-----	8:05	8:17	8:25	8:35	8:32	8:45	8:53	9:04	9:13	9:15	9:22
7:58	8:03	8:05	8:15	8:27	8:35	8:45	8:42	8:55	9:02	9:13	9:23	9:25	9:32
8:06	8:11	8:13	8:23	8:35	8:43	8:53	8:52	9:05	9:12	9:23	9:33	9:35	9:42
8:15	8:20	8:22	8:32	8:44	8:52	9:02	9:01	9:15	9:22	9:33	9:43	9:44	9:51
8:25	8:30	8:32	8:42	8:54	9:02	9:12	9:10	9:24	9:31	9:43	9:53	9:54	10:01
8:33	8:38	8:40	8:50	9:02	9:10	9:20	9:20	9:34	9:41	9:53	10:03	10:04	10:11
8:41	8:46	8:48	8:58	9:10	9:18	9:29	9:30	9:44	9:51	10:03	10:12	10:14	10:20
8:51	8:56	8:58	9:08	9:20	9:28	9:39	9:38	9:53	10:00	10:13	10:22	10:23	10:30
8:59	9:04	9:06	9:16	9:28	9:36	9:47	9:48	10:03	10:10	10:23	10:32	10:33	10:40
9:04	9:09	9:11	9:22	9:35	9:43	9:55	9:56	10:11	10:18	10:31	10:40	10:41	10:49
9:13	9:18	9:21	9:31	9:44	9:53	10:05	10:05	10:19	10:27	10:40	10:49	10:51	10:59
9:23	9:28	9:30	9:41	9:54	10:02	10:14	10:14	10:29	10:37	10:50	10:59	11:01	11:09
9:30	9:36	9:38	9:48	10:01	10:10	10:22	10:24	10:38	10:46	10:59	11:09	11:11	11:19
9:40	9:45	9:47	9:57	10:11	10:19	10:31	10:31	10:46	10:54	11:08	11:18	11:21	11:28
9:49	9:55	9:57	10:07	10:20	10:29	10:41	10:41	10:56	11:04	11:18	11:28	11:31	11:38
9:59	10:04	10:06	10:16	10:30	10:38	10:50	10:50	11:05	11:14	11:28	11:38	11:41	11:48
10:09	10:14	10:16	10:26	10:40	10:48	11:00	11:00	11:15	11:24	11:38	11:48	11:51	11:58
10:18	10:23	10:25	10:35	10:49	10:57	11:09	11:10	11:25	11:34	11:47	11:58	12:00p	12:07p
10:27	10:32	10:34	10:44	10:58	11:06	11:18	11:19	11:34	11:43	11:57	12:07p	12:09	12:17
10:35	10:41	10:43	10:53	11:06	11:15	11:27	11:28	11:42	11:51	12:05p	12:17	12:19	12:27
10:44	10:50	10:52	11:03	11:16	11:25	11:37	11:38	11:52	12:01p	12:15	12:27	12:29	12:37
10:53	10:59	11:02	11:12	11:26	11:35	11:47	11:48	12:02p	12:11	12:25	12:37	12:39	12:47
11:00	11:06	11:09	11:19	11:34	11:42	11:55	11:58	12:12	12:21	12:35	12:47	12:49	12:57
11:09	11:15	11:18	11:29	11:44	11:52	12:05p	12:06p	12:22	12:30	12:44	12:56	12:58	1:05
11:19	11:25	11:28	11:39	11:54	12:02p	12:15	12:16	12:32	12:40	12:54	1:06	1:08	1:15
11:29	11:35	11:38	11:49	12:04p	12:12	12:25	12:26	12:42	12:50	1:04	1:16	1:18	1:25
11:38	11:44	11:47	11:58	12:14	12:22	12:34	12:36	12:52	1:00	1:14	1:26	1:28	1:35
11:48	11:54	11:57	12:08p	12:24	12:32	12:44	12:45	1:01	1:09	1:23	1:35	1:37	1:44
11:55	12:01p	12:04p	12:15	12:31	12:40	12:52	12:55	1:11	1:19	1:33	1:45	1:47	1:54
12:05p	12:10	12:13	12:25	12:40	12:49	1:02	1:03	1:19	1:27	1:42	1:55	1:57	2:04
12:15	12:20	12:23	12:35	12:50	12:59	1:12	1:13	1:29	1:37	1:52	2:05	2:07	2:14
12:25	12:30	12:33	12:45	1:00	1:09	1:22	1:23	1:39	1:47	2:02	2:15	2:17	2:24
12:35	12:40	12:43	12:55	1:10	1:19	1:32	1:33	1:49	1:57	2:12	2:25	2:27	2:34
12:45	12:50	12:53	1:05	1:20	1:29	1:42	1:43	1:59	2:07	2:22	2:35	2:37	2:44
12:53	12:59	1:02	1:13	1:29	1:38	1:50	1:53	2:09	2:17	2:32	2:45	2:47	2:54
12:59	1:04	1:07	1:19	1:34	1:43	1:56	2:02	2:18	2:26	2:41	2:55	2:57	3:03
1:04	1:10	1:13	1:25	1:41	1:50	2:02	2:07	2:23	2:32	2:46	3:04	3:06	3:11
1:13	1:19	1:21	1:35	1:50	1:59	2:12	2:14	2:30	2:39	2:53	3:14	3:16	3:20
1:21	1:27	1:30	1:41	1:58	2:07	2:22	2:23	2:38	2:47	3:02	3:14	3:16	3:23
1:29	1:35	1:38	1:49	2:07	2:16	2:30	then every 8 to 10 minutes until						
1:37	1:43	1:46	1:57	2:15	2:24	2:38	9:02	9:14	9:21	9:32	9:42	9:44	9:48
1:47	1:53	1:56	2:07	2:24	2:33	2:47	9:12	9:24	9:31	9:42	9:52	9:54	9:58
then every 9 to 10 minutes until							9:22	9:34	9:41	9:52	10:02	10:04	10:08
8:53	8:58	9:01	9:12	9:23	9:31	9:42	9:32	9:44	9:51	10:02	10:12	10:14	10:18
9:04	9:10	9:13	9:23	9:34	9:42	9:53	9:42	9:54	10:01	10:12	10:22	10:24	10:28
9:28	9:33	9:36	9:46	9:58	10:06	10:17	9:52	10:04	10:11	10:22	10:32	10:34	10:38
9:51	9:57	10:00	10:10	10:21	10:29	10:40	10:02	10:14	10:22	10:33	10:42	10:44	10:49
10:15	10:20	10:22	10:33	10:43	10:52	11:03	10:25	10:37	10:44	10:55	11:05	11:07	11:11
10:38	10:43	10:46	10:56	11:07	11:15	11:26	10:47	10:59	11:07	11:18	11:27	11:29	11:34
11:02	11:07	11:09	11:20	11:30	11:39	11:50	11:10	11:22	11:29	11:40	11:50	11:52	11:56
11:25	11:30	11:33	11:43	11:54	12:02a	12:13a	11:32	11:43	11:51	12:02a	12:11a	12:14a	12:18a
11:49	11:54	11:56	12:07a	12:17a	12:26	12:37	11:55	12:06a	12:13a	12:25	12:34	12:36	12:40
12:13a	12:18a	12:20a	12:30	12:40	12:50	1:00	12:17a	12:28	12:36	12:47	12:56	12:59	1:03
12:37	12:42	12:45	12:55	1:05	1:14	1:25	12:40	12:51	12:58	1:10	1:19	1:21	1:25
1:02	1:07	1:10	1:20	1:30	-----	-----	1:03	1:14	1:20	1:31	-----	-----	-----
1:28	1:33	1:35	1:45	1:54	-----	-----	1:27	1:38	1:44	1:56	-----	-----	-----