

J A N U A R Y

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	6:52	8:47	12:38	14:09	16:26	18:13
2	6:52	8:46	12:38	14:10	16:27	18:14
3	6:52	8:46	12:39	14:11	16:28	18:15
4	6:52	8:46	12:39	14:12	16:29	18:16
5	6:52	8:46	12:40	14:13	16:30	18:17
6	6:52	8:45	12:40	14:14	16:31	18:18
7	6:51	8:45	12:41	14:15	16:33	18:20
8	6:51	8:44	12:41	14:16	16:34	18:21
9	6:51	8:44	12:41	14:17	16:35	18:22
10	6:50	8:43	12:42	14:18	16:37	18:23
11	6:50	8:42	12:42	14:19	16:38	18:24
12	6:49	8:41	12:43	14:21	16:40	18:26
13	6:49	8:41	12:43	14:22	16:41	18:27
14	6:48	8:40	12:43	14:23	16:43	18:28
15	6:48	8:39	12:44	14:25	16:44	18:30
16	6:47	8:38	12:44	14:26	16:46	18:31
17	6:46	8:37	12:44	14:27	16:48	18:32
18	6:45	8:36	12:45	14:29	16:49	18:34
19	6:45	8:35	12:45	14:30	16:51	18:35
20	6:44	8:34	12:45	14:31	16:53	18:37
21	6:43	8:32	12:46	14:33	16:55	18:38
22	6:42	8:31	12:46	14:34	16:57	18:40
23	6:41	8:30	12:46	14:36	16:58	18:41
24	6:40	8:29	12:46	14:37	17:00	18:43
25	6:39	8:27	12:47	14:39	17:02	18:44
26	6:38	8:26	12:47	14:40	17:04	18:46
27	6:37	8:24	12:47	14:42	17:06	18:47
28	6:35	8:23	12:47	14:43	17:08	18:49
29	6:34	8:21	12:47	14:45	17:10	18:51
30	6:33	8:20	12:48	14:46	17:12	18:52
31	6:32	8:18	12:48	14:48	17:14	18:54

F E B R U A R Y

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	6:30	8:16	12:48	14:49	17:15	18:56
2	6:29	8:15	12:48	14:51	17:17	18:57
3	6:28	8:13	12:48	14:53	17:19	18:59
4	6:26	8:11	12:48	14:54	17:21	19:01
5	6:25	8:10	12:48	14:56	17:23	19:02
6	6:23	8:08	12:49	14:57	17:25	19:04
7	6:22	8:06	12:49	14:59	17:27	19:06
8	6:20	8:04	12:49	15:00	17:29	19:07
9	6:19	8:02	12:49	15:02	17:31	19:09
10	6:17	8:00	12:49	15:04	17:33	19:11
11	6:15	7:58	12:49	15:05	17:35	19:13
12	6:14	7:56	12:49	15:07	17:37	19:14
13	6:12	7:54	12:49	15:08	17:39	19:16
14	6:10	7:52	12:49	15:10	17:41	19:18
15	6:08	7:50	12:49	15:11	17:43	19:20
16	6:07	7:48	12:49	15:13	17:45	19:21
17	6:05	7:46	12:49	15:14	17:47	19:23
18	6:03	7:44	12:49	15:16	17:49	19:25
19	6:01	7:42	12:49	15:17	17:51	19:27
20	5:59	7:40	12:49	15:19	17:53	19:28
21	5:57	7:38	12:49	15:20	17:55	19:30
22	5:55	7:36	12:48	15:22	17:57	19:32
23	5:53	7:33	12:48	15:23	17:59	19:34
24	5:51	7:31	12:48	15:25	18:01	19:35
25	5:49	7:29	12:48	15:26	18:03	19:37
26	5:47	7:27	12:48	15:28	18:05	19:39
27	5:45	7:24	12:48	15:29	18:07	19:41
28	5:43	7:22	12:48	15:31	18:09	19:43

M A R C H

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	5:41	7:20	12:47	15:32	18:11	19:44
2	5:39	7:18	12:47	15:33	18:13	19:46
3	5:36	7:15	12:47	15:35	18:15	19:48
4	5:34	7:13	12:47	15:36	18:17	19:50
5	5:32	7:11	12:47	15:38	18:19	19:51
6	5:30	7:08	12:46	15:39	18:21	19:53
7	5:28	7:06	12:46	15:40	18:23	19:55
8	5:25	7:04	12:46	15:42	18:24	19:57
9	5:23	7:01	12:46	15:43	18:26	19:59
10	5:21	6:59	12:46	15:44	18:28	20:00
11	5:18	6:56	12:45	15:45	18:30	20:02
12	5:16	6:54	12:45	15:47	18:32	20:04
13	5:14	6:52	12:45	15:48	18:34	20:06
14	5:11	6:49	12:44	15:49	18:36	20:08
15	5:09	6:47	12:44	15:50	18:38	20:10
16	5:07	6:44	12:44	15:52	18:40	20:11
17	5:04	6:42	12:44	15:53	18:41	20:13
18	5:02	6:39	12:43	15:54	18:43	20:15
19	4:59	6:37	12:43	15:55	18:45	20:17
20	4:57	6:35	12:43	15:56	18:47	20:19
21	4:54	6:32	12:42	15:57	18:49	20:21
22	4:52	6:30	12:42	15:59	18:51	20:22
23	4:49	6:27	12:42	16:00	18:52	20:24
24	4:47	6:25	12:41	16:01	18:54	20:26
25	4:44	6:22	12:41	16:02	18:56	20:28
26	4:42	6:20	12:41	16:03	18:58	20:30
27	4:39	6:17	12:41	16:04	19:00	20:32
28	4:37	6:15	12:40	16:05	19:02	20:34
29	4:34	6:12	12:40	16:06	19:03	20:35
30	4:32	6:10	12:40	16:07	19:05	20:37
31	4:29	6:07	12:39	16:08	19:07	20:39

Summertime starts on the Sunday following the fourth Saturday in March.

Add one hour to figures after summertime starts.

A P R I L

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	5:27	7:05	13:39	17:09	20:09	21:41
2	5:24	7:03	13:39	17:10	20:11	21:43
3	5:21	7:00	13:38	17:11	20:13	21:45
4	5:19	6:58	13:38	17:12	20:14	21:47
5	5:16	6:55	13:38	17:13	20:16	21:49
6	5:14	6:53	13:37	17:14	20:18	21:51
7	5:11	6:50	13:37	17:15	20:20	21:53
8	5:09	6:48	13:37	17:16	20:22	21:55
9	5:06	6:46	13:37	17:17	20:23	21:57
10	5:03	6:43	13:36	17:18	20:25	21:59
11	5:01	6:41	13:36	17:19	20:27	22:01
12	4:58	6:38	13:36	17:20	20:29	22:03
13	4:56	6:36	13:35	17:20	20:31	22:05
14	4:53	6:34	13:35	17:21	20:33	22:07
15	4:50	6:31	13:35	17:22	20:34	22:09
16	4:48	6:29	13:35	17:23	20:36	22:11
17	4:45	6:27	13:34	17:24	20:38	22:13
18	4:43	6:24	13:34	17:25	20:40	22:15
19	4:40	6:22	13:34	17:26	20:42	22:17
20	4:37	6:20	13:34	17:27	20:43	22:19
21	4:35	6:17	13:33	17:27	20:45	22:21
22	4:32	6:15	13:33	17:28	20:47	22:23
23	4:30	6:13	13:33	17:29	20:49	22:25
24	4:27	6:11	13:33	17:30	20:51	22:28
25	4:25	6:09	13:33	17:31	20:53	22:30
26	4:22	6:06	13:32	17:31	20:54	22:32
27	4:20	6:04	13:32	17:32	20:56	22:34
28	4:17	6:02	13:32	17:33	20:58	22:36
29	4:15	6:00	13:32	17:34	21:00	22:38
30	4:12	5:58	13:32	17:35	21:02	22:40

M A Y

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	4:10	5:56	13:32	17:35	21:04	22:42
2	4:07	5:54	13:32	17:36	21:05	22:45
3	4:05	5:52	13:31	17:37	21:07	22:47
4	4:02	5:50	13:31	17:38	21:09	22:49
5	4:00	5:48	13:31	17:38	21:11	22:51
6	3:58	5:46	13:31	17:39	21:13	22:53
7	3:55	5:44	13:31	17:40	21:14	22:55
8	3:53	5:42	13:31	17:41	21:16	22:58
9	3:51	5:40	13:31	17:41	21:18	23:00
10	3:48	5:38	13:31	17:42	21:20	23:02
11	3:46	5:36	13:31	17:43	21:22	23:04
12	3:44	5:35	13:31	17:43	21:23	23:06
13	3:42	5:33	13:31	17:44	21:25	23:08
14	3:40	5:31	13:31	17:45	21:27	23:10
15	3:37	5:30	13:31	17:46	21:28	23:12
16	3:35	5:28	13:31	17:46	21:30	23:14
17	3:33	5:26	13:31	17:47	21:32	23:17
18	3:31	5:25	13:31	17:48	21:33	23:19
19	3:29	5:23	13:31	17:48	21:35	23:19
20	3:27	5:22	13:31	17:49	21:37	23:19
21	3:25	5:20	13:31	17:50	21:38	23:20
22	3:23	5:19	13:31	17:50	21:40	23:20
23	3:21	5:17	13:31	17:51	21:41	23:20
24	3:20	5:16	13:32	17:51	21:43	23:21
25	3:18	5:15	13:32	17:52	21:44	23:21
26	3:16	5:14	13:32	17:53	21:46	23:21
27	3:14	5:12	13:32	17:53	21:47	23:22
28	3:13	5:11	13:32	17:54	21:49	23:22
29	3:11	5:10	13:32	17:54	21:50	23:23
30	3:10	5:09	13:32	17:55	21:52	23:23
31	3:08	5:08	13:32	17:55	21:53	23:24

Red glow does not disappear at night from 18th of May to 25th of July.

'Isha time is estimated at 1½ hour after Maghrib (or slightly more.)

J U N E

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	3:07	5:07	13:33	17:56	21:54	23:24
2	3:05	5:06	13:33	17:57	21:55	23:25
3	3:04	5:05	13:33	17:57	21:57	23:27
4	3:03	5:04	13:33	17:58	21:58	23:28
5	3:02	5:04	13:33	17:58	21:59	23:29
6	3:01	5:03	13:33	17:58	22:00	23:30
7	3:00	5:02	13:34	17:59	22:01	23:31
8	2:59	5:02	13:34	17:59	22:02	23:32
9	2:58	5:01	13:34	18:00	22:03	23:33
10	2:57	5:01	13:34	18:00	22:04	23:34
11	2:56	5:00	13:34	18:01	22:05	23:35
12	2:56	5:00	13:35	18:01	22:05	23:35
13	2:55	4:59	13:35	18:01	22:06	23:36
14	2:54	4:59	13:35	18:02	22:07	23:37
15	2:54	4:59	13:35	18:02	22:07	23:37
16	2:54	4:59	13:35	18:02	22:08	23:38
17	2:53	4:59	13:36	18:03	22:08	23:38
18	2:53	4:59	13:36	18:03	22:09	23:39
19	2:53	4:59	13:36	18:03	22:09	23:39
20	2:53	4:59	13:36	18:04	22:10	23:40
21	2:53	4:59	13:36	18:04	22:10	23:40
22	2:53	4:59	13:37	18:04	22:10	23:40
23	2:54	4:59	13:37	18:04	22:10	23:40
24	2:54	5:00	13:37	18:04	22:10	23:40
25	2:54	5:00	13:37	18:04	22:11	23:41
26	2:55	5:00	13:37	18:05	22:11	23:41
27	2:55	5:01	13:38	18:05	22:10	23:40
28	2:56	5:01	13:38	18:05	22:10	23:40
29	2:57	5:02	13:38	18:05	22:10	23:40
30	2:58	5:02	13:38	18:05	22:10	23:40

Red glow does not disappear at night from 18th of May to 25th of July.

'Isha time is estimated at 1½ hour after Maghrib (or slightly more.)

J U L Y

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	2:59	5:03	13:38	18:05	22:10	23:40
2	3:00	5:04	13:39	18:05	22:09	23:39
3	3:01	5:05	13:39	18:05	22:09	23:39
4	3:02	5:05	13:39	18:05	22:08	23:38
5	3:03	5:06	13:39	18:05	22:08	23:38
6	3:04	5:07	13:39	18:05	22:07	23:37
7	3:05	5:08	13:39	18:05	22:07	23:37
8	3:07	5:09	13:39	18:05	22:06	23:36
9	3:08	5:10	13:40	18:04	22:05	23:36
10	3:10	5:11	13:40	18:04	22:04	23:36
11	3:11	5:12	13:40	18:04	22:03	23:35
12	3:13	5:13	13:40	18:04	22:03	23:35
13	3:14	5:15	13:40	18:04	22:02	23:35
14	3:16	5:16	13:40	18:03	22:01	23:34
15	3:18	5:17	13:40	18:03	22:00	23:34
16	3:20	5:18	13:40	18:03	21:58	23:34
17	3:21	5:20	13:40	18:02	21:57	23:33
18	3:23	5:21	13:41	18:02	21:56	23:33
19	3:25	5:22	13:41	18:02	21:55	23:33
20	3:27	5:24	13:41	18:01	21:54	23:32
21	3:29	5:25	13:41	18:01	21:52	23:32
22	3:31	5:27	13:41	18:00	21:51	23:32
23	3:33	5:28	13:41	18:00	21:49	23:31
24	3:35	5:30	13:41	17:59	21:48	23:31
25	3:37	5:31	13:41	17:59	21:47	23:31
26	3:39	5:33	13:41	17:58	21:45	23:31
27	3:41	5:34	13:41	17:57	21:43	23:29
28	3:43	5:36	13:41	17:57	21:42	23:27
29	3:45	5:38	13:41	17:56	21:40	23:25
30	3:47	5:39	13:41	17:56	21:38	23:22
31	3:49	5:41	13:41	17:55	21:37	23:20

Red glow does not disappear at night from 18th of May to 25th of July.

‘Isha time is estimated at 1½ hour after Maghrib (or slightly more.)

A U G U S T

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	3:51	5:43	13:41	17:54	21:35	23:18
2	3:53	5:44	13:41	17:53	21:33	23:16
3	3:56	5:46	13:41	17:53	21:31	23:14
4	3:58	5:48	13:41	17:52	21:30	23:12
5	4:00	5:49	13:41	17:51	21:28	23:10
6	4:02	5:51	13:40	17:50	21:26	23:07
7	4:04	5:53	13:40	17:49	21:24	23:05
8	4:06	5:55	13:40	17:48	21:22	23:03
9	4:09	5:56	13:40	17:47	21:20	23:00
10	4:11	5:58	13:40	17:47	21:18	22:58
11	4:13	6:00	13:40	17:46	21:16	22:56
12	4:15	6:02	13:40	17:45	21:14	22:53
13	4:17	6:03	13:40	17:44	21:12	22:51
14	4:19	6:05	13:40	17:42	21:10	22:49
15	4:21	6:07	13:39	17:41	21:08	22:46
16	4:24	6:09	13:39	17:40	21:06	22:44
17	4:26	6:10	13:39	17:39	21:04	22:41
18	4:28	6:12	13:39	17:38	21:01	22:39
19	4:30	6:14	13:39	17:37	20:59	22:36
20	4:32	6:16	13:38	17:36	20:57	22:34
21	4:34	6:18	13:38	17:35	20:55	22:31
22	4:36	6:19	13:38	17:33	20:53	22:29
23	4:38	6:21	13:38	17:32	20:50	22:26
24	4:40	6:23	13:37	17:31	20:48	22:24
25	4:42	6:25	13:37	17:29	20:46	22:21
26	4:45	6:26	13:37	17:28	20:44	22:19
27	4:47	6:28	13:37	17:27	20:41	22:16
28	4:49	6:30	13:36	17:25	20:39	22:14
29	4:51	6:32	13:36	17:24	20:37	22:11
30	4:53	6:34	13:36	17:23	20:34	22:09
31	4:55	6:35	13:36	17:21	20:32	22:06

S E P T E M B E R

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	4:57	6:37	13:35	17:20	20:30	22:04
2	4:59	6:39	13:35	17:18	20:27	22:01
3	5:01	6:41	13:35	17:17	20:25	21:58
4	5:03	6:42	13:34	17:15	20:22	21:56
5	5:05	6:44	13:34	17:14	20:20	21:53
6	5:06	6:46	13:34	17:12	20:18	21:51
7	5:08	6:48	13:33	17:11	20:15	21:48
8	5:10	6:49	13:33	17:09	20:13	21:46
9	5:12	6:51	13:33	17:08	20:10	21:43
10	5:14	6:53	13:32	17:06	20:08	21:40
11	5:16	6:55	13:32	17:04	20:05	21:38
12	5:18	6:56	13:32	17:03	20:03	21:35
13	5:20	6:58	13:31	17:01	20:00	21:33
14	5:22	7:00	13:31	16:59	19:58	21:30
15	5:23	7:02	13:31	16:58	19:56	21:28
16	5:25	7:03	13:30	16:56	19:53	21:25
17	5:27	7:05	13:30	16:54	19:51	21:23
18	5:29	7:07	13:29	16:53	19:48	21:20
19	5:31	7:09	13:29	16:51	19:46	21:17
20	5:33	7:10	13:29	16:49	19:43	21:15
21	5:34	7:12	13:28	16:47	19:41	21:12
22	5:36	7:14	13:28	16:46	19:38	21:10
23	5:38	7:16	13:28	16:44	19:36	21:07
24	5:40	7:17	13:27	16:42	19:33	21:05
25	5:41	7:19	13:27	16:40	19:31	21:02
26	5:43	7:21	13:27	16:38	19:28	21:00
27	5:45	7:23	13:26	16:37	19:26	20:57
28	5:47	7:24	13:26	16:35	19:23	20:55
29	5:48	7:26	13:25	16:33	19:21	20:53
30	5:50	7:28	13:25	16:31	19:18	20:50

O C T O B E R

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	5:52	7:30	13:25	16:29	19:16	20:48
2	5:54	7:31	13:24	16:27	19:13	20:45
3	5:55	7:33	13:24	16:26	19:11	20:43
4	5:57	7:35	13:24	16:24	19:08	20:41
5	5:59	7:37	13:23	16:22	19:06	20:38
6	6:00	7:38	13:23	16:20	19:04	20:36
7	6:02	7:40	13:23	16:18	19:01	20:34
8	6:04	7:42	13:22	16:16	18:59	20:31
9	6:05	7:44	13:22	16:15	18:56	20:29
10	6:07	7:46	13:22	16:13	18:54	20:27
11	6:09	7:47	13:22	16:11	18:52	20:24
12	6:10	7:49	13:21	16:09	18:49	20:22
13	6:12	7:51	13:21	16:07	18:47	20:20
14	6:14	7:53	13:21	16:05	18:44	20:18
15	6:15	7:55	13:20	16:04	18:42	20:16
16	6:17	7:57	13:20	16:02	18:40	20:13
17	6:19	7:58	13:20	16:00	18:37	20:11
18	6:21	8:00	13:20	15:58	18:35	20:09
19	6:22	8:02	13:20	15:56	18:33	20:07
20	6:24	8:04	13:19	15:55	18:31	20:05
21	6:26	8:06	13:19	15:53	18:28	20:03
22	6:27	8:08	13:19	15:51	18:26	20:01
23	6:29	8:10	13:19	15:49	18:24	19:59
24	6:31	8:12	13:19	15:48	18:22	19:57
25	6:32	8:13	13:19	15:46	18:20	19:55
26	6:34	8:15	13:18	15:44	18:17	19:53
27	6:36	8:17	13:18	15:43	18:15	19:51
28	6:37	8:19	13:18	15:41	18:13	19:49
29	6:39	8:21	13:18	15:40	18:11	19:48
30	6:41	8:23	13:18	15:38	18:09	19:46
31	6:42	8:25	13:18	15:36	18:07	19:44

Summertime ends on the Sunday following the fourth Saturday in October.

Subtract one hour from the figures after the summertime ends.

N O V E M B E R

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	5:44	7:27	12:18	14:35	17:05	18:42
2	5:45	7:29	12:18	14:33	17:03	18:41
3	5:47	7:31	12:18	14:32	17:01	18:39
4	5:49	7:33	12:18	14:30	16:59	18:37
5	5:50	7:35	12:18	14:29	16:57	18:36
6	5:52	7:37	12:18	14:27	16:56	18:34
7	5:54	7:39	12:18	14:26	16:54	18:32
8	5:55	7:40	12:18	14:25	16:52	18:31
9	5:57	7:42	12:18	14:23	16:50	18:30
10	5:59	7:44	12:18	14:22	16:48	18:28
11	6:00	7:46	12:18	14:21	16:47	18:27
12	6:02	7:48	12:19	14:19	16:45	18:25
13	6:03	7:50	12:19	14:18	16:43	18:24
14	6:05	7:52	12:19	14:17	16:42	18:23
15	6:07	7:54	12:19	14:16	16:40	18:21
16	6:08	7:56	12:19	14:15	16:39	18:20
17	6:10	7:58	12:20	14:14	16:37	18:19
18	6:11	8:00	12:20	14:12	16:36	18:18
19	6:13	8:01	12:20	14:11	16:35	18:17
20	6:14	8:03	12:20	14:10	16:33	18:16
21	6:16	8:05	12:20	14:10	16:32	18:15
22	6:17	8:07	12:21	14:09	16:31	18:14
23	6:19	8:09	12:21	14:08	16:29	18:13
24	6:20	8:10	12:21	14:07	16:28	18:12
25	6:22	8:12	12:22	14:06	16:27	18:11
26	6:23	8:14	12:22	14:05	16:26	18:10
27	6:25	8:16	12:22	14:05	16:25	18:10
28	6:26	8:17	12:23	14:04	16:24	18:09
29	6:27	8:19	12:23	14:03	16:23	18:08
30	6:29	8:20	12:23	14:03	16:22	18:08

D E C E M B E R

DATE	FAJR	SUNRISE	DHUHR	ASR	MAGHRIB	ISHA
	فجر	شروق	ظهر	عصر	مغرب	عشاء
1	6:30	8:22	12:24	14:02	16:22	18:07
2	6:31	8:24	12:24	14:02	16:21	18:07
3	6:33	8:25	12:25	14:01	16:20	18:06
4	6:34	8:26	12:25	14:01	16:19	18:06
5	6:35	8:28	12:25	14:01	16:19	18:05
6	6:36	8:29	12:26	14:00	16:18	18:05
7	6:37	8:31	12:26	14:00	16:18	18:05
8	6:38	8:32	12:27	14:00	16:17	18:05
9	6:39	8:33	12:27	14:00	16:17	18:04
10	6:40	8:34	12:28	14:00	16:17	18:04
11	6:41	8:35	12:28	14:00	16:16	18:04
12	6:42	8:37	12:28	13:59	16:16	18:04
13	6:43	8:38	12:29	14:00	16:16	18:04
14	6:44	8:39	12:29	14:00	16:16	18:04
15	6:45	8:40	12:30	14:00	16:16	18:04
16	6:46	8:40	12:30	14:00	16:16	18:04
17	6:47	8:41	12:31	14:00	16:16	18:05
18	6:47	8:42	12:31	14:00	16:16	18:05
19	6:48	8:43	12:32	14:01	16:17	18:05
20	6:49	8:43	12:32	14:01	16:17	18:06
21	6:49	8:44	12:33	14:01	16:17	18:06
22	6:50	8:45	12:33	14:02	16:18	18:06
23	6:50	8:45	12:34	14:02	16:18	18:07
24	6:51	8:45	12:34	14:03	16:19	18:07
25	6:51	8:46	12:35	14:03	16:19	18:08
26	6:51	8:46	12:35	14:04	16:20	18:09
27	6:52	8:46	12:36	14:05	16:21	18:09
28	6:52	8:47	12:36	14:05	16:22	18:10
29	6:52	8:47	12:37	14:06	16:22	18:11
30	6:52	8:47	12:37	14:07	16:23	18:11
31	6:52	8:47	12:37	14:08	16:24	18:12