

J A N U A R Y

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

F E B R U A R Y

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

M A R C H

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

Summer time starts on the Sunday following the fourth Saturday in March.

Add one hour to figures after summer time starts.

A P R I L

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

M A Y

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

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	3:16	5:21	13:39	17:59	21:53	23:23
2	3:15	5:20	13:39	18:00	21:54	23:24
3	3:02	5:19	13:39	18:00	21:55	23:25
4	3:12	5:18	13:39	18:01	21:56	23:26
5	3:11	5:18	13:39	18:01	21:57	23:27
6	3:10	5:17	13:39	18:02	21:58	23:28
7	3:09	5:16	13:40	18:02	21:59	23:29
8	3:08	5:16	13:40	18:03	22:00	23:30
9	3:07	5:15	13:40	18:03	22:01	23:31
10	3:06	5:15	13:40	18:04	22:02	23:32
11	3:06	5:02	13:40	18:04	22:02	23:32
12	3:05	5:02	13:41	18:04	22:03	23:33
13	3:04	5:02	13:41	18:05	22:04	23:34
14	3:04	5:02	13:41	18:05	22:04	23:34
15	3:03	5:13	13:41	18:05	22:05	23:35
16	3:03	5:13	13:41	18:06	22:06	23:36
17	3:03	5:13	13:42	18:06	22:06	23:36
18	3:03	5:13	13:42	18:06	22:07	23:37
19	3:03	5:13	13:42	18:06	22:07	23:37
20	3:02	5:13	13:42	18:07	22:07	23:37
21	3:03	5:13	13:42	18:07	22:08	23:38
22	3:03	5:02	13:43	18:07	22:08	23:38
23	3:03	5:02	13:43	18:07	22:08	23:38
24	3:03	5:02	13:43	18:07	22:08	23:38
25	3:04	5:02	13:43	18:08	22:08	23:38
26	3:04	5:15	13:43	18:08	22:08	23:38
27	3:05	5:15	13:44	18:08	22:08	23:38
28	3:06	5:16	13:44	18:08	22:08	23:38
29	3:06	5:16	13:44	18:08	22:08	23:38
30	3:07	5:17	13:44	18:08	22:08	23:38

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

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

S E P T E M B E R

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

O C T O B E R

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

Summer time ends on the Sunday following the fourth Saturday in October.

Subtract one hour from the figures after the summer time ends.

N O V E M B E R

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

D E C E M B E R

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