

Ross on Wye, United Kingdom (51° 55' N , 2° 34' W)

0.00 Hours from GMT

Islamic Academy ©

PERPETUAL (PERMANENT) HANFI SAUM-O-SALAT TIMETABLE

* When there is no Isha time in some cities in Europe, Pray Isha as Qada at a later time

Salat Time Tables never expire because of the way Allah Ta'ala has created the sun rotation.

JANUARY								FEBURARY								MARCH							
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha
1	6:12	8:17	11:12	12:14	2:23	4:13	6:15	1	5:53	7:50	11:27	12:24	3:09	5:01	6:55	1	5:04	6:56	11:28	12:23	3:57	5:53	7:42
2	6:12	8:17	11:13	12:15	2:24	4:14	6:16	2	5:52	7:48	11:27	12:25	3:11	5:03	6:56	2	5:02	6:54	11:28	12:23	3:58	5:54	7:43
3	6:12	8:17	11:14	12:15	2:25	4:15	6:16	3	5:51	7:47	11:27	12:25	3:13	5:05	6:58	3	5:00	6:52	11:28	12:23	4:00	5:56	7:45
4	6:12	8:17	11:14	12:15	2:27	4:16	6:18	4	5:49	7:45	11:27	12:25	3:14	5:06	6:59	4	4:58	6:50	11:28	12:23	4:01	5:58	7:47
5	6:12	8:16	11:14	12:16	2:27	4:17	6:19	5	5:48	7:43	11:28	12:25	3:16	5:08	7:01	5	4:55	6:47	11:27	12:23	4:03	6:00	7:49
6	6:12	8:16	11:15	12:16	2:29	4:18	6:19	6	5:46	7:42	11:28	12:25	3:18	5:10	7:03	6	4:53	6:45	11:27	12:22	4:04	6:02	7:51
7	6:13	8:17	11:16	12:17	2:30	4:20	6:21	7	5:45	7:40	11:28	12:25	3:20	5:12	7:04	7	4:51	6:43	11:27	12:22	4:06	6:03	7:53
8	6:12	8:15	11:16	12:17	2:31	4:21	6:22	8	5:43	7:38	11:28	12:25	3:21	5:14	7:06	8	4:48	6:41	11:26	12:22	4:07	6:05	7:54
9	6:12	8:15	11:17	12:18	2:32	4:22	6:23	9	5:42	7:36	11:29	12:25	3:23	5:16	7:07	9	4:46	6:38	11:26	12:22	4:09	6:07	7:56
10	6:11	8:14	11:17	12:18	2:34	4:24	6:24	10	5:40	7:34	11:29	12:25	3:25	5:18	7:09	10	4:43	6:36	11:26	12:21	4:11	6:09	7:58
11	6:11	8:14	11:18	12:19	2:35	4:25	6:25	11	5:38	7:33	11:28	12:25	3:26	5:19	7:11	11	4:41	6:34	11:25	12:21	4:12	6:10	8:00
12	6:10	8:13	11:18	12:19	2:37	4:27	6:26	12	5:37	7:31	11:29	12:25	3:28	5:21	7:12	12	4:39	6:32	11:25	12:21	4:13	6:12	8:02
13	6:10	8:12	11:18	12:19	2:38	4:28	6:28	13	5:35	7:29	11:29	12:25	3:30	5:23	7:14	13	4:36	6:29	11:25	12:21	4:15	6:14	8:04
14	6:10	8:12	11:20	12:20	2:40	4:30	6:29	14	5:33	7:27	11:29	12:25	3:32	5:25	7:16	14	4:34	6:27	11:25	12:20	4:16	6:16	8:06
15	6:09	8:11	11:20	12:20	2:41	4:31	6:30	15	5:32	7:25	11:29	12:25	3:33	5:27	7:17	15	4:31	6:25	11:24	12:20	4:18	6:17	8:08
16	6:08	8:10	11:20	12:20	2:42	4:33	6:31	16	5:30	7:23	11:29	12:25	3:35	5:29	7:19	16	4:28	6:22	11:23	12:20	4:19	6:19	8:10
17	6:08	8:09	11:21	12:21	2:44	4:35	6:33	17	5:28	7:21	11:29	12:25	3:37	5:31	7:21	17	4:26	6:20	11:23	12:19	4:20	6:21	8:12
18	6:07	8:08	11:21	12:21	2:45	4:36	6:34	18	5:26	7:19	11:29	12:25	3:39	5:33	7:23	18	4:24	6:18	11:23	12:19	4:22	6:22	8:14
19	6:06	8:07	11:22	12:21	2:47	4:38	6:35	19	5:25	7:17	11:29	12:25	3:40	5:34	7:24	19	4:21	6:16	11:22	12:19	4:23	6:24	8:16
20	6:06	8:06	11:23	12:22	2:49	4:40	6:37	20	5:22	7:15	11:29	12:25	3:42	5:36	7:26	20	4:18	6:13	11:22	12:19	4:25	6:26	8:18
21	6:05	8:05	11:23	12:22	2:50	4:41	6:38	21	5:21	7:13	11:29	12:25	3:44	5:38	7:28	21	4:16	6:11	11:22	12:18	4:26	6:28	8:20
22	6:04	8:04	11:23	12:22	2:52	4:43	6:40	22	5:19	7:11	11:29	12:25	3:45	5:40	7:29	22	4:13	6:09	11:21	12:18	4:27	6:29	8:22
23	6:03	8:03	11:24	12:23	2:54	4:45	6:41	23	5:17	7:09	11:29	12:24	3:47	5:42	7:31	23	4:10	6:06	11:20	12:18	4:29	6:31	8:24
24	6:02	8:01	11:24	12:23	2:56	4:47	6:43	24	5:15	7:07	11:29	12:24	3:49	5:44	7:33	24	4:08	6:04	11:20	12:17	4:30	6:33	8:26
25	6:01	8:00	11:24	12:23	2:57	4:48	6:44	25	5:12	7:05	11:28	12:24	3:50	5:45	7:35	25	4:05	6:02	11:20	12:17	4:31	6:35	8:28
26	6:00	7:59	11:25	12:23	2:59	4:50	6:45	26	5:11	7:03	11:29	12:24	3:52	5:47	7:36	26	4:02	6:00	11:19	12:17	4:33	6:36	8:30
27	5:59	7:57	11:25	12:24	3:01	4:52	6:47	27	5:08	7:00	11:28	12:24	3:53	5:49	7:38	27	4:00	5:57	11:19	12:16	4:34	6:38	8:32
28	5:58	7:56	11:26	12:24	3:02	4:54	6:48	28	5:06	6:58	11:28	12:24	3:55	5:51	7:40	28	3:57	5:55	11:18	12:16	4:35	6:40	8:34
29	5:57	7:54	11:26	12:24	3:04	4:56	6:50									29	3:54	5:52	11:17	12:16	4:36	6:41	8:37
30	5:56	7:53	11:26	12:24	3:06	4:57	6:51									30	3:51	5:50	11:17	12:16	4:38	6:43	8:39
31	5:54	7:51	11:26	12:24	3:07	4:59	6:53									31	3:48	5:48	11:16	12:15	4:39	6:45	8:41

For safety add 5 minutes after start time & subtract 5 minutes from ending time for sahri & all prayer times; add only 2 minutes after start time for Maghrib & Iftar.

"Zawal Begins" = End time for Ishraq & Chasht. Makhruh time is between "Zawal Begin" & "Zuhr". Niyat for Ramadhan & Nafl fasting can be done until "Zawal Begin"

APRIL (Please adjust DST accordingly)							
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha
1	3:45	5:45	11:16	12:15	4:41	6:47	8:44
2	3:43	5:43	11:15	12:15	4:42	6:48	8:46
3	4:40	6:41	12:15	1:14	5:43	7:50	9:48
4	4:37	6:39	12:14	1:14	5:44	7:51	9:50
5	4:34	6:36	12:13	1:14	5:45	7:53	9:53
6	4:31	6:34	12:13	1:13	5:47	7:55	9:55
7	4:28	6:32	12:12	1:13	5:48	7:56	9:57
8	4:25	6:30	12:11	1:13	5:49	7:58	10:00
9	4:22	6:27	12:11	1:13	5:50	8:00	10:02
10	4:19	6:25	12:10	1:12	5:51	8:02	10:05
11	4:16	6:23	12:09	1:12	5:53	8:03	10:07
12	4:13	6:21	12:09	1:12	5:54	8:05	10:10
13	4:10	6:18	12:08	1:12	5:55	8:07	10:12
14	4:06	6:16	12:07	1:11	5:56	8:09	10:15
15	4:03	6:14	12:06	1:11	5:57	8:10	10:18
16	4:00	6:12	12:06	1:11	5:58	8:12	10:20
17	3:57	6:10	12:05	1:11	5:59	8:13	10:23
18	3:54	6:07	12:04	1:10	6:01	8:15	10:26
19	3:50	6:05	12:03	1:10	6:02	8:17	10:29
20	3:47	6:03	12:02	1:10	6:03	8:18	10:31
21	3:44	6:01	12:02	1:10	6:04	8:20	10:35
22	3:41	5:59	12:01	1:09	6:05	8:22	10:37
23	3:37	5:57	12:00	1:09	6:06	8:24	10:41
24	3:34	5:55	11:59	1:09	6:07	8:25	10:43
25	3:30	5:53	11:58	1:09	6:08	8:27	10:46
26	3:27	5:51	11:58	1:09	6:09	8:29	10:50
27	3:23	5:49	11:56	1:09	6:10	8:30	10:53
28	3:20	5:47	11:56	1:08	6:11	8:32	10:56
29	3:16	5:45	11:55	1:08	6:12	8:34	10:59
30	3:12	5:43	11:53	1:08	6:13	8:35	11:03

MAY - No Isha Time some days *							
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha
1	3:09	5:41	11:53	1:08	6:15	8:37	11:06
2	3:05	5:39	11:52	1:08	6:15	8:39	11:10
3	3:01	5:37	11:50	1:08	6:17	8:40	11:13
4	2:57	5:35	11:49	1:08	6:18	8:42	11:17
5	2:53	5:33	11:48	1:07	6:19	8:44	11:21
6	2:49	5:31	11:47	1:07	6:19	8:45	11:25
7	2:45	5:30	11:46	1:07	6:20	8:47	11:29
8	2:41	5:28	11:45	1:07	6:22	8:49	11:33
9	2:36	5:26	11:43	1:07	6:22	8:50	11:37
10	2:32	5:24	11:42	1:07	6:23	8:52	11:41
11	2:27	5:23	11:40	1:07	6:24	8:53	11:46
12	2:22	5:21	11:38	1:07	6:25	8:55	11:51
13	2:17	5:20	11:36	1:07	6:26	8:56	11:56
14	2:12	5:18	11:35	1:07	6:27	8:58	12:01
15	2:07	5:16	11:33	1:07	6:28	9:00	12:06
16	2:00	5:15	11:30	1:07	6:29	9:01	12:13
17	1:54	5:13	11:28	1:07	6:30	9:03	12:19
18	1:46	5:12	11:25	1:07	6:31	9:04	12:27
19	1:37	5:11	11:21	1:07	6:31	9:05	12:36
20	1:23	5:09	11:15	1:07	6:32	9:07	12:50
21	1:07	5:08	11:08	1:07	6:33	9:09	1:07
22	1:07	5:07	11:08	1:07	6:34	9:10	1:07
23	1:07	5:06	11:09	1:07	6:35	9:11	1:07
24	1:07	5:04	11:10	1:07	6:35	9:13	1:07
25	1:07	5:03	11:10	1:07	6:36	9:14	1:07
26	1:07	5:02	11:11	1:08	6:37	9:15	1:07
27	1:07	5:01	11:11	1:08	6:38	9:16	1:07
28	1:07	5:00	11:12	1:08	6:39	9:18	1:07
29	1:07	4:59	11:13	1:08	6:39	9:19	1:08
30	1:08	4:58	11:13	1:08	6:40	9:20	1:08
31	1:08	4:57	11:14	1:08	6:41	9:22	1:08

JUNE - No Isha Time all month *							
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha
1	1:08	4:56	11:15	1:08	6:41	9:22	1:08
2	1:08	4:55	11:15	1:08	6:42	9:23	1:08
3	1:08	4:55	11:16	1:09	6:43	9:25	1:08
4	1:08	4:54	11:16	1:09	6:43	9:25	1:08
5	1:08	4:53	11:17	1:09	6:44	9:27	1:09
6	1:09	4:53	11:17	1:09	6:44	9:27	1:09
7	1:09	4:52	11:18	1:09	6:45	9:28	1:09
8	1:09	4:52	11:19	1:10	6:45	9:29	1:09
9	1:09	4:51	11:19	1:10	6:46	9:30	1:09
10	1:09	4:51	11:20	1:10	6:47	9:31	1:10
11	1:10	4:51	11:20	1:10	6:47	9:31	1:10
12	1:10	4:50	11:21	1:10	6:47	9:32	1:10
13	1:10	4:50	11:21	1:10	6:48	9:33	1:10
14	1:10	4:50	11:22	1:11	6:48	9:34	1:10
15	1:10	4:50	11:22	1:11	6:49	9:34	1:11
16	1:11	4:50	11:22	1:11	6:49	9:34	1:11
17	1:11	4:50	11:23	1:11	6:49	9:35	1:11
18	1:11	4:49	11:23	1:11	6:50	9:36	1:11
19	1:11	4:50	11:23	1:12	6:50	9:36	1:11
20	1:11	4:50	11:23	1:12	6:50	9:36	1:12
21	1:12	4:50	11:23	1:12	6:51	9:36	1:12
22	1:12	4:50	11:24	1:12	6:51	9:36	1:12
23	1:12	4:51	11:24	1:13	6:51	9:37	1:12
24	1:12	4:51	11:24	1:13	6:51	9:37	1:13
25	1:13	4:51	11:24	1:13	6:51	9:37	1:13
26	1:13	4:52	11:25	1:13	6:51	9:37	1:13
27	1:13	4:52	11:25	1:13	6:51	9:37	1:13
28	1:13	4:52	11:25	1:14	6:51	9:37	1:13
29	1:13	4:53	11:25	1:14	6:52	9:37	1:14
30	1:14	4:54	11:24	1:14	6:51	9:36	1:14

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* When there is no Isha time in some cities in Europe, Pray Isha as Qada at a later time

Salat Time Tables never expire because of the way Allah Ta'ala has created the sun rotation.

JULY - No Isha Time most days *								
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	
1	1:14	4:55	11:25	1:14	6:51	9:36	1:14	
2	1:14	4:55	11:25	1:14	6:51	9:36	1:14	
3	1:14	4:56	11:24	1:15	6:51	9:35	1:14	
4	1:14	4:57	11:24	1:15	6:51	9:35	1:15	
5	1:14	4:58	11:24	1:15	6:51	9:34	1:15	
6	1:15	4:58	11:24	1:15	6:51	9:34	1:15	
7	1:15	5:00	11:24	1:15	6:50	9:33	1:15	
8	1:15	5:00	11:24	1:15	6:50	9:33	1:15	
9	1:15	5:01	11:23	1:16	6:50	9:32	1:15	
10	1:15	5:02	11:23	1:16	6:50	9:31	1:16	
11	1:15	5:04	11:22	1:16	6:49	9:30	1:16	
12	1:16	5:05	11:22	1:16	6:49	9:29	1:16	
13	1:16	5:06	11:22	1:16	6:48	9:29	1:16	
14	1:16	5:07	11:22	1:16	6:48	9:28	1:16	
15	1:16	5:08	11:21	1:16	6:47	9:27	1:16	
16	1:16	5:10	11:21	1:17	6:47	9:26	1:16	
17	1:16	5:11	11:20	1:17	6:46	9:25	1:16	
18	1:16	5:12	11:19	1:17	6:46	9:23	1:16	
19	1:16	5:13	11:19	1:17	6:45	9:23	1:17	
20	1:17	5:15	11:18	1:17	6:45	9:21	1:17	
21	1:17	5:16	11:18	1:17	6:44	9:20	1:17	
22	1:17	5:17	11:17	1:17	6:43	9:19	1:17	
23	1:26	5:19	11:21	1:17	6:42	9:17	1:07	
24	1:43	5:20	11:29	1:17	6:42	9:16	12:50	
25	1:53	5:21	11:34	1:17	6:41	9:15	12:40	
26	2:01	5:23	11:37	1:17	6:40	9:13	12:32	
27	2:08	5:24	11:40	1:17	6:39	9:12	12:25	
28	2:14	5:26	11:42	1:17	6:38	9:10	12:19	
29	2:20	5:27	11:44	1:17	6:37	9:09	12:13	
30	2:25	5:29	11:46	1:17	6:37	9:07	12:08	
31	2:30	5:30	11:48	1:17	6:36	9:06	12:03	

AUGUST								
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	
1	2:35	5:32	11:49	1:17	6:35	9:04	11:58	
2	2:40	5:34	11:51	1:17	6:34	9:02	11:53	
3	2:44	5:35	11:52	1:17	6:33	9:01	11:49	
4	2:48	5:37	11:53	1:17	6:31	8:59	11:44	
5	2:52	5:38	11:54	1:17	6:30	8:57	11:40	
6	2:57	5:40	11:56	1:17	6:29	8:55	11:36	
7	3:00	5:42	11:56	1:16	6:28	8:53	11:32	
8	3:04	5:43	11:58	1:16	6:27	8:52	11:28	
9	3:08	5:45	11:59	1:16	6:26	8:50	11:24	
10	3:11	5:46	11:59	1:16	6:24	8:48	11:20	
11	3:15	5:48	12:00	1:16	6:23	8:46	11:16	
12	3:18	5:50	12:01	1:16	6:22	8:44	11:12	
13	3:21	5:51	12:01	1:16	6:21	8:42	11:09	
14	3:25	5:53	12:02	1:15	6:19	8:40	11:05	
15	3:28	5:54	12:03	1:15	6:18	8:38	11:02	
16	3:31	5:56	12:03	1:15	6:16	8:36	10:58	
17	3:34	5:58	12:04	1:15	6:15	8:34	10:55	
18	3:37	5:59	12:04	1:15	6:14	8:32	10:51	
19	3:40	6:01	12:05	1:14	6:12	8:30	10:48	
20	3:43	6:03	12:05	1:14	6:11	8:28	10:44	
21	3:46	6:04	12:06	1:14	6:09	8:26	10:41	
22	3:49	6:06	12:06	1:14	6:08	8:24	10:38	
23	3:52	6:07	12:07	1:14	6:06	8:22	10:34	
24	3:54	6:09	12:07	1:13	6:05	8:20	10:31	
25	3:57	6:11	12:07	1:13	6:03	8:17	10:28	
26	4:00	6:12	12:07	1:13	6:01	8:15	10:25	
27	4:03	6:14	12:08	1:12	6:00	8:13	10:21	
28	4:05	6:16	12:08	1:12	5:58	8:11	10:18	
29	4:08	6:17	12:08	1:12	5:56	8:08	10:15	
30	4:10	6:19	12:08	1:12	5:54	8:06	10:12	
31	4:13	6:20	12:08	1:11	5:53	8:04	10:09	

SEPTEMBER								
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	
1	4:15	6:22	12:08	1:11	5:51	8:02	10:06	
2	4:18	6:24	12:09	1:11	5:50	8:00	10:03	
3	4:20	6:25	12:08	1:10	5:48	7:57	10:00	
4	4:22	6:27	12:08	1:10	5:46	7:55	9:57	
5	4:25	6:28	12:09	1:10	5:44	7:53	9:54	
6	4:27	6:30	12:09	1:09	5:42	7:51	9:51	
7	4:29	6:32	12:08	1:09	5:41	7:48	9:48	
8	4:32	6:33	12:09	1:09	5:39	7:46	9:45	
9	4:34	6:35	12:09	1:08	5:37	7:44	9:42	
10	4:36	6:37	12:08	1:08	5:35	7:41	9:39	
11	4:39	6:39	12:09	1:08	5:33	7:39	9:36	
12	4:40	6:40	12:08	1:07	5:31	7:37	9:33	
13	4:43	6:42	12:08	1:07	5:29	7:34	9:30	
14	4:45	6:43	12:08	1:07	5:27	7:32	9:28	
15	4:47	6:45	12:08	1:06	5:26	7:30	9:25	
16	4:49	6:46	12:08	1:06	5:23	7:27	9:22	
17	4:51	6:48	12:08	1:06	5:21	7:25	9:19	
18	4:53	6:50	12:08	1:05	5:19	7:23	9:16	
19	4:55	6:51	12:07	1:05	5:18	7:20	9:14	
20	4:57	6:53	12:07	1:05	5:16	7:18	9:11	
21	4:59	6:55	12:07	1:04	5:14	7:16	9:08	
22	5:01	6:56	12:07	1:04	5:12	7:13	9:05	
23	5:03	6:58	12:07	1:03	5:10	7:11	9:03	
24	5:05	7:00	12:07	1:03	5:08	7:09	9:00	
25	5:07	7:01	12:06	1:03	5:06	7:06	8:58	
26	5:08	7:03	12:06	1:02	5:04	7:04	8:55	
27	5:10	7:04	12:06	1:02	5:02	7:02	8:53	
28	5:13	7:06	12:06	1:02	5:00	6:59	8:50	
29	5:14	7:08	12:05	1:01	4:58	6:57	8:48	
30	5:16	7:09	12:05	1:01	4:56	6:55	8:45	

For safety add 5 minutes after start time & subtract 5 minutes from ending time for sahri & all prayer times; add only 2 minutes after start time for Maghrib & Iftar.

"Zawal Begins" = End time for Ishraq & Chasht. Makhruh time is between "Zawal Begin" & "Zuhr". Niyat for Ramadhan & Nafl fasting can be done until "Zawal Begin"

OCTOBER (Please adjust DST accordingly)								NOVEMBER								DECEMBER							
Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha	Date	Fajr	Sunrise	Zawal Begins	Zuhr	Asr	Maghrib	Isha
1	5:18	7:11	12:05	1:01	4:54	6:52	8:43	1	5:09	7:04	10:57	11:54	2:53	4:46	6:38	1	5:51	7:54	10:58	12:00	2:16	4:06	6:06
2	5:19	7:12	12:04	1:00	4:52	6:50	8:40	2	5:11	7:06	10:57	11:54	2:52	4:44	6:36	2	5:53	7:56	11:00	12:00	2:16	4:06	6:06
3	5:21	7:14	12:04	1:00	4:50	6:48	8:38	3	5:12	7:07	10:57	11:54	2:50	4:43	6:35	3	5:54	7:57	10:59	12:00	2:15	4:05	6:05
4	5:23	7:16	12:04	1:00	4:48	6:46	8:35	4	5:14	7:09	10:57	11:54	2:48	4:41	6:33	4	5:55	7:59	10:59	12:01	2:15	4:04	6:05
5	5:26	7:18	12:04	12:59	4:46	6:43	8:33	5	5:15	7:11	10:57	11:54	2:47	4:39	6:32	5	5:56	8:00	11:00	12:01	2:14	4:04	6:05
6	5:26	7:19	12:03	12:59	4:43	6:41	8:30	6	5:17	7:13	10:57	11:54	2:45	4:37	6:30	6	5:57	8:01	11:00	12:02	2:14	4:04	6:05
7	5:29	7:21	12:04	12:59	4:41	6:39	8:28	7	5:18	7:14	10:57	11:54	2:43	4:36	6:29	7	5:58	8:03	11:00	12:02	2:13	4:03	6:05
8	5:31	7:23	12:04	12:59	4:40	6:37	8:26	8	5:22	7:18	10:58	11:55	2:42	4:34	6:27	8	5:59	8:04	11:01	12:02	2:13	4:03	6:04
9	5:31	7:24	12:02	12:58	4:38	6:34	8:24	9	5:23	7:20	10:57	11:55	2:41	4:32	6:26	9	6:00	8:05	11:01	12:03	2:13	4:03	6:04
10	5:34	7:26	12:03	12:58	4:36	6:32	8:21	10	5:24	7:21	10:57	11:55	2:39	4:31	6:25	10	6:01	8:06	11:01	12:03	2:13	4:02	6:04
11	5:36	7:28	12:03	12:58	4:33	6:30	8:19	11	5:26	7:23	10:57	11:55	2:37	4:29	6:23	11	6:02	8:07	11:02	12:04	2:13	4:03	6:05
12	5:38	7:30	12:02	12:58	4:31	6:27	8:17	12	5:27	7:24	10:57	11:55	2:36	4:28	6:22	12	6:03	8:08	11:02	12:04	2:13	4:02	6:04
13	5:38	7:31	12:01	12:57	4:30	6:25	8:15	13	5:28	7:26	10:57	11:55	2:35	4:26	6:21	13	6:04	8:09	11:03	12:05	2:13	4:02	6:04
14	5:41	7:33	12:02	12:57	4:27	6:23	8:12	14	5:30	7:27	10:57	11:55	2:33	4:25	6:20	14	6:05	8:10	11:03	12:05	2:13	4:02	6:05
15	5:43	7:35	12:02	12:57	4:26	6:21	8:10	15	5:30	7:29	10:56	11:55	2:32	4:23	6:19	15	6:05	8:11	11:03	12:06	2:13	4:02	6:05
16	5:45	7:37	12:02	12:57	4:24	6:19	8:08	16	5:32	7:30	10:57	11:55	2:31	4:22	6:18	16	6:06	8:12	11:04	12:06	2:13	4:03	6:05
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18	5:47	7:39	12:00	12:56	4:20	6:14	8:04	18	5:36	7:35	10:57	11:56	2:28	4:19	6:16	18	6:08	8:13	11:05	12:07	2:14	4:03	6:06
19	5:49	7:42	12:00	12:56	4:18	6:12	8:02	19	5:37	7:36	10:57	11:56	2:27	4:18	6:14	19	6:08	8:14	11:05	12:08	2:14	4:03	6:06
20	5:51	7:44	12:00	12:56	4:16	6:10	7:59	20	5:37	7:37	10:57	11:56	2:26	4:17	6:14	20	6:09	8:15	11:06	12:08	2:14	4:03	6:06
21	5:53	7:46	12:00	12:56	4:14	6:08	7:57	21	5:39	7:39	10:57	11:57	2:25	4:16	6:13	21	6:09	8:15	11:06	12:09	2:15	4:04	6:07
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23	5:55	7:48	11:59	12:55	4:10	6:04	7:54	23	5:42	7:43	10:57	11:57	2:23	4:13	6:11	23	6:10	8:16	11:07	12:10	2:16	4:05	6:08
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29	6:06	8:00	11:59	12:55	3:58	5:52	7:43	29	5:50	7:53	10:59	11:59	2:18	4:08	6:07	29	6:12	8:17	11:11	12:12	2:20	4:10	6:12
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31	5:09	7:03	10:58	11:54	2:54	4:48	6:39									31	6:12	8:17	11:12	12:13	2:22	4:12	6:14