

Fremont, CA, United States (37° 32' N , 121° 59' W)

-8.00 Hours from GMT

Islamic Academy ©

QIBLA = 18° 59' East of North

HANFI PERMANENT SAUM-O-SALAT TIMETABLE

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

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

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

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

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

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

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

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

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QIBLA = 18° 59' East of North

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

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

For safety add 5 minutes after start time & subtract 5 minutes from ending time for sahari & 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	5:35	7:03	12:15	12:58	5:09	6:55	8:20	1	5:04	6:32	11:09	11:52	3:31	5:14	6:39	1	5:30	7:03	11:11	11:57	3:11	4:53	6:23
2	5:37	7:04	12:15	12:58	5:07	6:54	8:18	2	5:05	6:33	11:09	11:52	3:30	5:13	6:38	2	5:32	7:05	11:12	11:58	3:11	4:53	6:23
3	5:39	7:06	12:15	12:58	5:06	6:52	8:16	3	5:06	6:35	11:08	11:52	3:29	5:11	6:37	3	5:32	7:05	11:12	11:58	3:11	4:53	6:23
4	5:40	7:07	12:15	12:57	5:05	6:51	8:15	4	5:07	6:36	11:08	11:52	3:28	5:10	6:36	4	5:32	7:05	11:12	11:58	3:10	4:53	6:23
5	5:39	7:06	12:14	12:57	5:03	6:49	8:13	5	5:08	6:37	11:08	11:52	3:27	5:09	6:35	5	5:34	7:07	11:13	11:59	3:11	4:53	6:23
6	5:41	7:08	12:14	12:57	5:02	6:48	8:12	6	5:08	6:38	11:08	11:52	3:26	5:08	6:35	6	5:34	7:08	11:13	11:59	3:11	4:53	6:23
7	5:42	7:09	12:14	12:57	5:01	6:46	8:10	7	5:09	6:39	11:08	11:52	3:25	5:07	6:34	7	5:36	7:09	11:14	12:00	3:10	4:53	6:23
8	5:42	7:09	12:13	12:56	4:59	6:45	8:09	8	5:10	6:39	11:08	11:52	3:24	5:07	6:33	8	5:36	7:09	11:14	12:00	3:10	4:53	6:23
9	5:43	7:10	12:13	12:56	4:57	6:44	8:08	9	5:11	6:40	11:08	11:52	3:23	5:06	6:32	9	5:36	7:10	11:14	12:01	3:11	4:53	6:23
10	5:45	7:12	12:13	12:56	4:56	6:42	8:06	10	5:11	6:41	11:08	11:52	3:22	5:05	6:32	10	5:38	7:11	11:15	12:01	3:11	4:53	6:23
11	5:46	7:13	12:13	12:55	4:55	6:41	8:04	11	5:12	6:42	11:08	11:52	3:21	5:04	6:31	11	5:38	7:12	11:15	12:01	3:11	4:53	6:24
12	5:46	7:13	12:12	12:55	4:54	6:39	8:03	12	5:15	6:45	11:09	11:53	3:21	5:03	6:30	12	5:39	7:12	11:16	12:02	3:11	4:53	6:24
13	5:47	7:14	12:12	12:55	4:53	6:38	8:02	13	5:16	6:46	11:09	11:53	3:20	5:02	6:29	13	5:40	7:13	11:16	12:02	3:11	4:53	6:24
14	5:49	7:16	12:12	12:55	4:52	6:36	7:59	14	5:16	6:47	11:09	11:53	3:19	5:02	6:29	14	5:40	7:14	11:17	12:03	3:12	4:54	6:25
15	5:50	7:17	12:12	12:54	4:50	6:35	7:58	15	5:17	6:47	11:09	11:53	3:19	5:01	6:28	15	5:41	7:15	11:17	12:03	3:12	4:54	6:25
16	5:49	7:16	12:11	12:54	4:49	6:34	7:57	16	5:17	6:48	11:08	11:53	3:18	4:59	6:28	16	5:41	7:15	11:17	12:04	3:12	4:54	6:25
17	5:51	7:18	12:11	12:54	4:48	6:32	7:55	17	5:18	6:49	11:08	11:53	3:17	4:58	6:27	17	5:42	7:16	11:18	12:04	3:12	4:54	6:26
18	5:52	7:19	12:11	12:54	4:47	6:31	7:54	18	5:18	6:49	11:08	11:54	3:17	4:58	6:27	18	5:43	7:17	11:19	12:05	3:13	4:55	6:26
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20	5:53	7:21	12:10	12:53	4:44	6:28	7:53	20	5:21	6:52	11:09	11:54	3:15	4:57	6:26	20	5:44	7:18	11:20	12:06	3:13	4:56	6:27
21	5:54	7:21	12:10	12:53	4:43	6:27	7:51	21	5:22	6:53	11:09	11:54	3:15	4:57	6:25	21	5:44	7:18	11:20	12:06	3:14	4:56	6:27
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24	5:57	7:25	12:10	12:53	4:40	6:23	7:48	24	5:25	6:57	11:10	11:55	3:13	4:55	6:24	24	5:46	7:20	11:22	12:08	3:15	4:58	6:29
25	5:58	7:26	12:10	12:53	4:38	6:22	7:47	25	5:25	6:57	11:10	11:55	3:13	4:55	6:24	25	5:46	7:20	11:22	12:08	3:16	4:58	6:29
26	5:59	7:27	12:10	12:53	4:37	6:21	7:46	26	5:25	6:58	11:10	11:56	3:12	4:55	6:24	26	5:46	7:21	11:22	12:09	3:17	4:59	6:30
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28	6:00	7:28	12:09	12:52	4:35	6:18	7:43	28	5:28	7:00	11:11	11:56	3:12	4:54	6:23	28	5:47	7:21	11:23	12:10	3:18	5:00	6:31
29	6:01	7:29	12:09	12:52	4:34	6:17	7:42	29	5:28	7:01	11:11	11:57	3:12	4:54	6:23	29	5:47	7:21	11:24	12:10	3:19	5:01	6:32
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31	5:03	6:31	11:09	11:52	3:32	5:15	6:40									31	5:48	7:22	11:25	12:11	3:20	5:02	6:33