

Noida, UP, India (28° 51' N , 77° 33' E)

5.50 Hours from GMT

Islamic Academy ©

QIBLA = 3° 45' South of West

PERPETUAL SAUM-O-SALAT TIMETABLE

Salah Time Tables never expire because of the sun rotation. For proof consult Quran and NASA

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

"Zawal Begins" = End time for Ishraq & Chasht
Makruh time between "Zawal Begin" & "Zuhr"

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 & Nafl fasting can be done until "Zawal Begin"

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

Noida, UP, India (28° 51' N , 77° 33' E)

5.50 Hours from GMT

Islamic Academy ©

QIBLA = 3° 45' South of West

PERPETUAL SAUM-O-SALAT TIMETABLE

Salah Time Tables never expire because of the sun rotation. For proof consult Quran and NASA

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

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