

with clock times in UT/GMT. The year -12501 astronomical counting style corresponds to year 12502 B.C.E historical counting style.

Dec. -12501j	July -12500j	Jan. -12499j	July -12499j	Feb. -12498j	Aug. -12498j	Feb. -12497j	Sept. -12497j	March -12496j	Sept. -12496j	Apr. -12495j	Oct. -12495j
Υ 26 02:01	Υ 2 11:14	Υ 11 21:53	Υ 24 07:02	Π 2 16:04	Ω 15 01:44	Ω 24 12:22	Ω 1 22:15	Ω 13 08:19	Π 22 20:06	Π 2 05:24	Π 12 18:09
Ω 28 03:34	Ω 4 11:23	Ω 13 21:19	Ω 26 06:12	Ω 4 16:12	Ω 17 03:16	Π 26 15:24	Ω 3 22:36	Π 15 09:34	Π 24 22:08	Π 4 07:27	Π 14 20:57
Π 30 07:41	Ω 6 11:26	Ω 15 21:36	Ω 28 07:31	Ω 6 19:17	Π 19 08:06	Π 28 21:25	Π 6 00:21	Π 17 12:24	Π 27 01:59	Π 6 10:27	Ω 17 00:27
	Ω 8 13:22	Ω 18 00:45	Ω 30 12:38	Ω 9 02:10	Π 21 16:18	Π 3 16:18	Π 8 04:33	Π 19 17:33	Ω 29 07:58	Ω 8 14:52	Ω 19 04:53
Jan. -12500j	Ω 10 18:53	Ω 20 08:02		Ω 11 12:21	Π 24 03:05	March -12497j	Π 10 11:34	Ω 22 01:13		Ω 10 20:56	Ω 21 10:42
Ω 1 15:30	Ω 13 04:33	Π 22 19:03	Aug. -12499j	Ω 14 00:25	Ω 26 15:20	Π 3 06:17	Ω 12 01:08	Ω 24 11:12	Oct. -12496j	Ω 13 04:55	Ω 23 18:41
Ω 4 02:46	Π 15 17:04	Π 25 07:56	Π 1 21:52	Ω 16 13:06	Ω 29 04:11	Ω 5 17:25	Ω 15 08:42	Ω 26 23:01	Ω 1 16:02	Ω 15 15:09	Ω 26 05:20
Ω 6 15:40	Π 18 06:02	Π 27 20:31	Ω 4 09:51	Ω 19 01:27	Ω 31 16:34	Ω 8 06:04	Ω 17 21:28	Ω 29 11:48	Ω 4 02:04	Ω 18 03:21	Ω 28 17:58
Ω 9 03:49	Π 20 17:31	Ω 30 07:37	Ω 6 22:36	Ω 21 12:27		Ω 10 19:08	Ω 20 10:13	Υ 31 23:56	Ω 6 13:49	Ω 20 15:57	Ω 31 06:19
Ω 11 13:44	Ω 23 02:51		Ω 9 10:47	Ω 23 20:50	Sept. -12498j	Ω 13 07:00	Ω 22 21:11		Ω 9 02:26	Ω 23 02:33	
Ω 13 21:10	Ω 25 10:10	Feb. -12499j	Ω 11 21:49	Ω 26 01:41	Ω 3 03:02	Ω 15 15:54	Ω 25 04:50	Apr. -12496j	Ω 11 14:05	Ω 25 09:24	Nov. -12495j
Ω 16 02:31	Ω 27 15:37	Ω 1 16:52	Ω 14 07:04	Ω 28 03:12	Ω 5 10:08	Ω 17 20:56	Ω 27 08:40	Ω 3 09:33	Ω 13 22:45	Ω 27 12:34	Ω 2 15:49
Ω 18 06:19	Ω 29 19:11	Ω 4 00:00	Ω 16 13:43		Ω 7 13:24	Ω 19 22:33	Ω 29 09:28	Ω 5 15:26	Ω 16 03:29	Ω 29 13:29	Ω 4 21:27
Ω 20 08:56	Υ 31 21:04	Ω 6 04:41	Ω 18 17:11	March -12498j	Ω 9 13:46	Ω 21 22:12		Ω 7 17:47	Ω 18 04:56	Π 2 6:23:59	
Ω 22 10:56		Ω 8 06:53	Ω 20 17:59	Ω 2 02:47	Ω 11 13:02	Ω 23 21:48	Oct. -12497j	Ω 9 17:53	Π 20 04:48	May -12495j	Ω 9 01:12
Ω 24 13:14	Aug. -12500j	Ω 10 07:24	Ω 22 17:38	Ω 4 02:27	Ω 13 13:15	Ω 25 23:13	Ω 1 08:55	Ω 11 17:38	Ω 22 05:10	Ω 1 14:04	Ω 11 02:46
Ω 26 17:13	Ω 2 22:10	Ω 12 07:53	Ω 24 18:13	Ω 6 04:14	Ω 15 16:12	Ω 28 03:48	Ω 3 08:57	Ω 13 18:54	Ω 24 07:44	Ω 3 16:01	Ω 13 05:49
Ω 29 00:11	Ω 5 00:03	Ω 14 10:18	Ω 26 21:47	Ω 8 09:35	Ω 17 22:55	Ω 30 12:03	Ω 5 11:23	Ω 15 23:09	Ω 26 13:24	Ω 5 20:18	Ω 15 10:43
Ω 31 10:38	Ω 7 04:31	Ω 16 16:18	Ω 29 05:27	Ω 10 18:46	Ω 20 09:10		Ω 7 17:21	Ω 18 06:49	Ω 28 21:58	Ω 8 03:01	Ω 17 17:28
	Ω 9 12:52	Ω 19 02:17	Ω 31 16:38	Ω 13 06:36	Ω 22 21:32	Apr. -12497j	Ω 10 02:52	Ω 20 17:16	Ω 31 08:38	Ω 10 11:47	Ω 20 02:08
Feb. -12500j	Ω 12 00:40	Ω 14 14:48	Sept. -12499j	Ω 15 19:17	Ω 25 10:24	Ω 4 12:06	Ω 12 14:50	Ω 23 05:24		Ω 12 22:20	Ω 22 12:54
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Ω 5 11:35	Ω 17 01:11	Ω 26 14:09	Ω 20 17:59	Ω 19 07:29	Ω 30 08:45	Ω 12 22:29	Ω 17 16:21	Ω 28 06:34	Ω 2 20:35	Ω 17 23:25	Ω 27 14:13
Ω 7 21:21	Ω 19 09:56	Ω 28 22:44	Ω 23 02:31	Ω 25 08:23	Oct. -12498j	Ω 15 05:01	Ω 20 03:36	Ω 30 17:13	Ω 5 09:11	Ω 20 11:04	Ω 30 00:46
Ω 10 04:02	Ω 21 16:15		Ω 27 11:30	Ω 29 08:39	Ω 31 12:56	Ω 18 09:02	Ω 22 12:25	Ω 3 07:19	Ω 7 21:19	Ω 22 19:17	
Ω 12 08:26	Ω 23 21:00	March -12499j	Ω 12 19:17	Ω 21 13:49	Ω 23 17:39	Ω 20 04:21	Ω 24 15:01	Ω 26 20:12	Ω 10 07:16	Ω 24 23:15	Dec. -12495j
Ω 14 11:41	Ω 26 00:48	Ω 3 05:23	Ω 14 18:14	Ω 25 20:08	Ω 27 22:01	Ω 22 04:27	Ω 16 08:18	Ω 28 09:02	Ω 12 13:28	Ω 26 23:54	Ω 2 07:22
Ω 16 14:37	Ω 28 03:54	Ω 5 10:20	Ω 16 10:45	Ω 29 00:04	Ω 30 00:21	Ω 24 12:07	Ω 18 18:58	Ω 29 05:36	Ω 14 15:46	Ω 28 23:16	Ω 4 10:07
Ω 18 17:39	Ω 30 06:34	Ω 7 13:39	Ω 18 13:33	Ω 31 12:56	Apr. -12498j	Ω 26 16:24	Ω 20 08:41	Ω 22 09:06	Ω 16 15:27	Ω 30 23:30	Ω 6 10:33
Ω 20 21:11		Ω 9 15:39	Ω 21 04:53	Ω 23 17:39	Ω 25 05:03	Ω 27 14:42	Ω 22 09:06	Nov. -12497j	Ω 18 14:37	Ω 1 10:12	Ω 8 10:39
Ω 23 01:54	Sept. -12500j	Ω 11 17:16	Ω 23 08:06	Ω 25 20:08	Ω 27 22:01	Ω 29 05:36	Ω 24 12:07	Ω 26 18:58	Ω 20 15:29	June -12495j	Ω 10 12:11
Ω 25 25:51	Ω 1 09:35	Ω 13 20:00	Ω 25 14:35	Ω 27 22:01	Ω 30 00:21	Ω 22 09:06	Ω 26 18:58	Ω 29 05:36	Ω 22 19:40	Ω 2 02:21	Ω 12 16:14
Ω 27 18:48	Ω 3 14:17	Ω 16 01:28	Ω 28 00:38	Ω 31 12:56	May -12498j	Ω 24 12:07	Ω 20 08:41	Ω 22 09:06	Ω 25 03:37	Ω 4 08:29	Ω 14 23:01
	Ω 5 21:59	Ω 18 10:31	Ω 30 12:58	Oct. -12499j	Ω 2 14:26	Ω 13 02:19	Ω 15 07:26	Ω 17 16:24	Ω 27 14:25	Ω 6 17:32	Ω 17 08:16
March -12500j	Ω 8 09:01	Ω 20 22:28	Ω 23 11:04	Ω 3 01:14	Ω 5 11:36	Ω 12 02:15	Ω 22 17:14	Ω 25 05:03	Ω 30 02:39	Ω 9 04:36	Ω 19 19:28
Ω 1 07:13	Ω 10 21:53	Ω 23 21:57	Ω 25 21:57	Ω 5 11:36	Ω 7 19:28	Ω 14 14:15	Ω 25 05:03	Ω 27 14:42	Ω 3 00:11	Ω 11 16:55	Ω 22 08:06
Ω 3 19:50	Ω 13 09:50	Ω 28 06:06	Ω 30 11:49	Ω 7 19:28	Ω 9 13:40	Ω 17 00:20	Ω 27 14:42	Ω 29 22:03	Ω 5 13:23	Ω 14 05:49	Ω 24 21:00
Ω 6 06:03	Ω 15 18:46	Ω 31 11:49	Ω 3 01:14	Ω 10 01:08	Ω 12 02:15	Ω 19 08:09	Ω 29 22:03	Nov. -12498j	Ω 7 13:55	Ω 16 18:01	Ω 27 08:22
Ω 8 12:37	Ω 18 00:27	Ω 3 20:37	Ω 5 11:36	Ω 12 02:15	Ω 14 14:15	Ω 21 13:49	Ω 23 17:39	Ω 1 03:17	Ω 9 04:00	Ω 19 03:40	Ω 29 16:20
Ω 10 16:10	Ω 20 03:57	Ω 22 06:33	Ω 24 09:14	Ω 26 13:06	Ω 28 06:12	Ω 30 12:10	Ω 3 01:14	Ω 5 13:23	Ω 11 11:06	Ω 21 09:21	Ω 31 20:18
Ω 12 18:11	Ω 22 06:33	Ω 26 13:06	Ω 28 06:12	Ω 30 12:10	Dec. -12498j	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 13 03:47	Ω 23 11:08	Jan. -12494j
Ω 14 20:10	Ω 24 09:14	Ω 28 16:45	Ω 30 22:31	Ω 3 20:37	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 11 11:06	Ω 15 12:49	Ω 25 10:33	Ω 2 21:09
Ω 16 23:04	Ω 26 12:31	Ω 30 22:31	Ω 1 09:35	Ω 3 20:37	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 13 03:47	Ω 17 23:02	Ω 27 09:43	Ω 4 20:38
Ω 19 03:16	Ω 28 16:45	Ω 30 22:31	Ω 3 20:37	Ω 5 11:36	Ω 7 19:28	Ω 9 13:40	Ω 12 02:15	Ω 15 07:26	Ω 20 03:36	Ω 22 08:06	Ω 6 20:45
Ω 21 08:58	Ω 30 22:31	Ω 1 09:35	Ω 3 20:37	Ω 5 11:36	Ω 7 19:28	Ω 9 13:40	Ω 12 02:15	Ω 15 07:26	Ω 22 08:06	Ω 24 21:00	Ω 8 23:11
Ω 23 16:35	Oct. -12500j	Ω 12 10:24	Ω 14 19:07	Ω 16 18:01	Ω 18 18:14	Ω 20 03:36	Ω 22 12:25	Ω 24 15:01	Ω 26 20:12	Ω 28 23:16	Ω 10 12:11
Ω 26 02:36	Ω 3 06:33	Ω 14 19:07	Ω 16 18:01	Ω 18 18:14	Ω 20 03:36	Ω 22 12:25	Ω 24 15:01	Ω 26 20:12	Ω 28 23:16	Ω 30 23:30	Ω 12 16:14
Ω 28 14:52	Ω 5 17:17	Ω 17 06:34	Ω 19 19:12	Ω 21 13:49	Ω 23 17:39	Ω 25 05:03	Ω 27 14:42	Ω 29 22:03	Ω 3 00:11	Ω 11 16:55	Ω 14 23:01
Ω 31 03:49	Ω 8 05:57	Ω 19 19:12	Ω 21 13:49	Ω 23 17:39	Ω 25 05:03	Ω 27 14:42	Ω 29 22:03	Nov. -12497j	Ω 5 13:23	Ω 16 18:01	Ω 27 08:22
	Ω 10 18:24	Ω 24 05:04	Ω 26 17:37	Ω 28 05:50	Ω 30 12:10	Ω 3 01:14	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 19 03:40	Ω 29 16:20
Apr. -12500j	Ω 13 04:14	Ω 26 20:18	Ω 28 23:13	Ω 3 01:14	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 11 11:06	Ω 13 03:47	Ω 25 10:33	Ω 2 21:09
Ω 2 14:54	Ω 15 10:21	Ω 28 23:13	Ω 3 01:14	Ω 5 11:36	Ω 7 19:28	Ω 9 13:40	Ω 12 02:15	Ω 15 07:26	Ω 20 03:36	Ω 22 08:06	Ω 4 20:38
Ω 4 22:15	Ω 17 13:18	Ω 30 22:31	Ω 1 09:35	Ω 3 20:37	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 11 11:06	Ω 13 03:47	Ω 25 10:33	Ω 2 21:09
Ω 7 01:49	Ω 19 14:33	Ω 3 20:37	Ω 5 11:36	Ω 7 19:28	Ω 9 13:40	Ω 12 02:15	Ω 15 07:26	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 8 23:11
Ω 9 02:56	Ω 21 15:41	Ω 5 06:22	Ω 7 11:11	Ω 9 18:01	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00
Ω 11 03:29	Ω 23 17:59	Ω 7 11:11	Ω 9 18:01	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 8 23:11
Ω 13 05:04	Ω 25 22:15	Ω 9 18:01	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34
Ω 15 08:41	Ω 28 04:47	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34	Ω 31 06:51
Ω 17 14:41	Ω 30 13:39	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34	Ω 31 06:51	Ω 3 07:01
Ω 19 23:01	Nov. -12500j	Ω 14 14:26	Ω 16 18:01	Ω 18 18:14	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34	Ω 31 06:51	Ω 5 08:09
Ω 22 09:32	Ω 2 00:41	Ω 17 03:03	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34	Ω 31 06:51	Ω 3 07:01	Ω 5 08:09	Ω 7 12:19
Ω 24 21:50	Ω 4 13:17	Ω 22 00:40	Ω 24 05:04	Ω 26 17:37	Ω 28 05:50	Ω 30 12:10	Ω 3 01:14	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 11 09:42
Ω 27 10:55	Ω 7 02:02	Ω 26 17:37	Ω 28 05:50	Ω 30 12:10	Dec. -12499j	Ω 5 13:23	Ω 7 13:55	Ω 9 04:00	Ω 11 11:06	Ω 13 03:47	Ω 25 10:33
Ω 29 22:50	Ω 9 12:55	Ω 3 20:37	Ω 5 11:36	Ω 7 19:28	Ω 9 13:40	Ω 12 02:15	Ω 15 07:26	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 8 23:11
	Ω 11 20:17	Ω 5 06:22	Ω 7 11:11	Ω 9 18:01	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00
May -12500j	Ω 13 23:54	Ω 7 11:11	Ω 9 18:01	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 8 23:11
Ω 2 07:33	Ω 16 00:46	Ω 9 18:01	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34
Ω 4 12:14	Ω 18 00:35	Ω 11 09:42	Ω 13 20:12	Ω 16 08:51	Ω 18 21:06	Ω 20 03:36	Ω 22 08:06	Ω 24 21:00	Ω 26 13:04	Ω 30 02:34	Ω 31 06:51

with clock times in UT/GMT. The year -12494 astronomical counting style corresponds to year 12495 B.C.E historical counting style.

Apr. -12494j	Nov. -12494j	May -12493j	Nov. -12493j	June -12492j	Dec. -12492j	June -12491j	Jan. -12490j	July -12490j	Jan. -12489j	Aug. -12489j	Feb. -12488j
♈ 24 06:25	♈ 1 17:03	♈ 14 05:35	♈ 23 18:33	♈ 2 03:30	♈ 12 15:35	♈ 24 01:46	♈ 1 11:54	♈ 13 21:46	♈ 23 07:16	♈ 2 16:39	♈ 12 02:08
♈ 26 09:24	♈ 3 20:17	♈ 16 07:47	♈ 25 19:47	♈ 4 05:02	♈ 14 16:17	♈ 26 01:28	♈ 3 12:16	♈ 15 21:01	♈ 25 06:28	♈ 4 16:21	♈ 14 02:27
♈ 28 12:26	♈ 5 22:42	♈ 18 09:05	♈ 27 20:40	♈ 6 05:18	♈ 16 16:16	♈ 28 01:13	♈ 5 11:31	♈ 17 20:16	♈ 27 06:48	♈ 6 16:15	♈ 16 03:39
♈ 30 16:14	♈ 8 01:05	♈ 20 10:59	♈ 29 22:53	♈ 8 06:01	♈ 18 17:20	♈ 30 03:00	♈ 7 11:42	♈ 19 21:42	♈ 29 10:00	♈ 8 18:10	♈ 18 06:55
	♈ 10 04:43	♈ 22 15:11		♈ 10 08:59	♈ 20 21:09		♈ 9 14:46	♈ 22 02:52	♈ 31 16:47	♈ 10 23:08	♈ 20 12:43
May -12494j	♈ 12 11:05	♈ 24 22:57	Dec. -12493j	♈ 12 15:28	♈ 23 04:46	July -12491j	♈ 11 21:53	♈ 24 11:56	Feb. -12489j	♈ 13 07:05	♈ 22 20:57
♈ 2 22:01	♈ 14 20:55	♈ 27 10:05	♈ 2 03:59	♈ 15 01:36	♈ 25 15:52	♈ 2 08:27	♈ 14 08:42	♈ 26 23:37	♈ 3 02:36	♈ 15 17:17	♈ 25 07:23
♈ 5 06:51	♈ 17 09:18	♈ 29 22:44	♈ 4 12:44	♈ 17 13:59	♈ 28 04:46	♈ 4 17:57	♈ 16 21:27	♈ 29 12:16	♈ 5 14:19	♈ 18 05:05	♈ 27 19:38
♈ 7 18:40	♈ 19 21:47		♈ 7 00:22	♈ 20 02:30	♈ 30 17:17	♈ 7 06:19	♈ 19 10:16		♈ 7 02:54	♈ 20 17:51	
♈ 10 07:35	♈ 22 07:59	June -12493j	♈ 9 12:55	♈ 22 13:29		♈ 9 19:21	♈ 21 21:58	Aug. -12490j	♈ 9 08:58	♈ 23 06:34	March -12488j
♈ 12 18:46	♈ 24 15:06	♈ 1 10:25	♈ 12 00:18	♈ 24 22:17	Jan. -12491j	♈ 12 07:24	♈ 24 07:55	♈ 1 00:44	♈ 10 15:31	♈ 25 17:24	♈ 1 08:44
♈ 15 02:33	♈ 26 19:42	♈ 3 19:39	♈ 14 09:26	♈ 27 04:53	♈ 2 03:59	♈ 14 17:37	♈ 26 15:32	♈ 3 12:20	♈ 13 02:57	♈ 28 00:35	♈ 3 20:52
♈ 17 07:06	♈ 28 22:53	♈ 6 02:24	♈ 16 16:13	♈ 29 09:31	♈ 4 12:25	♈ 17 01:46	♈ 28 20:14	♈ 5 22:07	♈ 15 11:39	♈ 30 03:42	♈ 6 05:58
♈ 19 09:46		♈ 8 07:17	♈ 18 21:01		♈ 6 18:32	♈ 19 07:34	♈ 30 22:05	♈ 8 04:56	♈ 17 16:30	♈ 8 11:02	♈ 8 11:02
♈ 21 12:01	Dec. -12494j	♈ 10 10:57	♈ 21 00:22	July -12492j	♈ 8 22:32	♈ 21 10:53		♈ 10 08:10	♈ 19 17:49	Sept. -12489j	♈ 10 12:38
♈ 23 14:48	♈ 1 01:38	♈ 12 13:53	♈ 23 02:47	♈ 1 12:32	♈ 11 00:47	♈ 23 12:08	Feb. -12490j	♈ 12 08:29	♈ 21 17:06	♈ 1 03:49	♈ 12 12:22
♈ 25 18:32	♈ 3 04:31	♈ 14 16:35	♈ 25 05:03	♈ 3 14:30	♈ 13 02:02	♈ 25 12:27	♈ 1 22:05	♈ 14 07:37	♈ 23 16:32	♈ 3 02:57	♈ 14 12:11
♈ 27 23:28	♈ 5 07:59	♈ 16 19:48	♈ 27 08:12	♈ 5 16:21	♈ 15 03:31	♈ 27 13:40	♈ 3 22:01	♈ 16 07:51	♈ 25 18:12	♈ 5 03:12	♈ 16 13:51
♈ 30 06:05	♈ 7 12:45	♈ 19 00:37	♈ 29 13:23	♈ 7 19:24	♈ 17 06:47	♈ 29 17:40	♈ 5 23:58	♈ 18 11:14	♈ 27 23:30	♈ 7 06:18	♈ 18 18:32
	♈ 9 19:38	♈ 21 08:05	♈ 31 21:27	♈ 10 00:59	♈ 19 13:16		♈ 8 05:38	♈ 20 18:48		♈ 9 13:04	♈ 21 02:32
June -12494j	♈ 12 05:15	♈ 23 18:32		♈ 22 09:59	♈ 21 23:25	Aug. -12491j	♈ 10 15:25	♈ 23 05:55	March -12489j	♈ 11 23:06	♈ 23 13:17
♈ 1 15:04	♈ 14 17:17	♈ 26 06:58	Jan. -12492j	♈ 14 21:51	♈ 24 12:00	♈ 1 01:44	♈ 13 03:53	♈ 25 18:37	♈ 2 08:34	♈ 14 11:11	♈ 26 01:46
♈ 4 02:37	♈ 17 05:57	♈ 28 19:06	♈ 3 08:24	♈ 17 10:33	♈ 27 00:33	♈ 3 13:25	♈ 15 16:39	♈ 28 07:01	♈ 4 20:12	♈ 17 00:01	♈ 28 14:51
♈ 6 15:38	♈ 19 16:49		♈ 5 20:50	♈ 19 21:37	♈ 29 10:58	♈ 6 02:29	♈ 18 04:02	♈ 30 18:09	♈ 7 08:52	♈ 19 12:31	♈ 31 03:10
♈ 9 03:39	♈ 22 00:21	July -12493j	♈ 8 08:30	♈ 22 05:47	♈ 31 18:38	♈ 8 14:25	♈ 20 13:29		♈ 9 21:17	♈ 21 23:32	
♈ 11 12:21	♈ 24 04:35	♈ 1 04:49	♈ 10 17:36	♈ 24 11:16		♈ 10 23:59	♈ 22 21:00	Sept. -12490j	♈ 12 08:36	♈ 24 07:53	Apr. -12488j
♈ 13 17:07	♈ 26 06:40	♈ 3 11:16	♈ 12 23:40	♈ 26 15:00	Feb. -12491j	♈ 13 07:22	♈ 25 02:29	♈ 2 03:40	♈ 14 17:49	♈ 26 12:47	♈ 2 13:14
♈ 15 18:59	♈ 28 08:03	♈ 5 15:01	♈ 15 03:23	♈ 28 18:01	♈ 3 00:03	♈ 15 13:01	♈ 17 17:14	♈ 4 11:06	♈ 17 00:02	♈ 28 14:32	♈ 4 19:52
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with clock times in UT/GMT. The year -12488 astronomical counting style corresponds to year 12489 B.C.E historical counting style.

Aug. -12488j	March -12487j	Sept. -12487j	March -12486j	Oct. -12486j	Apr. -12485j	Oct. -12485j	May -12484j	Nov. -12484j	May -12483j	Dec. -12483j	June -12482j																																																																										
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21:33	Nov. -12482j 1 06:29 3 08:16 5 11:37 7 17:03 9 10:04 11 11:03 13 17:49 16 03:16 18 15:13 21 04:04 23 15:15 25 23:03 28 03:20 30 05:18	Dec. -12482j 2 17:48 5 11:37 8 17:09 11 03:04 14 03:04 17 17:10 19 23:42 22 10:10 24 22:59 27 11:27 29 21:33	Jan. -12482j 1 05:01 3 10:34 5 14:53 7 18:17 9 20:57 11 23:29 14 03:04 16 09:11 18 18:46 21 07:07 23 19:47 26 06:13 28 13:23 30 17:52	Feb. -12482j 2 17:48 5 11:37 8 17:09 11 03:04 14 03:04 17 17:10 19 23:42 22 10:10 24 22:59 27 11:27 29 21:33	March -12482j 2 10:54 4 14:45 6 20:25 9 04:56 11 16:26 14 05:19 16 16:50 19 01:03 21 05:53 23 08:33 25 10:37 27 13:11 31 21:38	April -12482j 3 04:09 5 12:55 8 00:14 10 13:09 13 01:22 15 10:27 17 15:35 19 17:39 21 18:22 23 19:30 25 22:15 28 03:11 30 10:25	May -12482j 2 19:51 5 07:21 7 20:16 10 08:59 12 19:17 15 01:43 17 04:21 19 04:35 21 05:21 23 05:03 25 09:03 27 15:59 30 01:49	June -12482j 1 13:44 4 02:40 6 15:25 9 02:31 11 10:31	July -12482j 1 08:52 3 21:22 6 08:22 8 17:09 10 23:06 13 02:04 15 02:43 17 02:28 19 03:15 21 07:00 23 14:54 26 02:27 28 15:32 31 03:52	Aug. -12482j 2 14:17 5 07:02 8 09:27 11 11:54 13 13:01 15 14:10 17 17:10 19 23:42 22 10:10 24 22:59 27 11:27 29 21:33	Sept. -12482j 1 05:01 3 10:34 5 14:53 7 18:17 9 20:57 11 23:29 14 03:04 16 09:11 18 18:46 21 07:07 23 19:47 26 06:13 28 13:23 30 17:52	Oct. -12482j 2 20:56 5 11:37 8 17:09 11 03:04 14 03:04 17 17:10 19 23:42 22 10:10 24 22:59 27 11:27 29 21:33	Nov. -12482j 1 06:29 3 08:16 5 11:37 7 17:03 9 10:04 11 11:03 13 17:49 16 03:16 18 15:13 21 04:04 23 15:15 25 23:03 28 03:20 30 05:18	Dec. -12482j 2 17:48 5 11:37 8 17:09 11 03:04 14 03:04 17 17:10 19 23:42 22 10:10 24 22:59 27 11:27 29 21:33	Jan. -12482j 1 05:01 3 10:34 5 14:53 7 18:17 9 20:57 11 23:29 14 03:04 16 09:11 18 18:46 21 07:07 23 19:47 26 06:13 28 13:23 30 17:52	Feb. -12482j 2 17:48 5 11:37 8 17:09 11 03:04 14 03:04 17 17:10 19 23:42 22 10:10 24 22:59 27 11:27 29 21:33	March -12482j 2 10:54 4 14:45 6 20:25 9

with clock times in UT/GMT. The year -12482 astronomical counting style corresponds to year 12483 B.C.E historical counting style.

Dec. -12482j	July -12481j	Jan. -12480j	July -12480j	Jan. -12479j	Aug. -12479j	Feb. -12478j	Aug. -12478j	March -12477j	Sept. -12477j	March -12476j	Oct. -12476j
Υ 24 02:10	≈ 1 05:03	Υ 10 17:27	Υ 22 04:24	Ω 31 14:53	Υ 8 15:05	Ω 18 02:57	Ω 30 15:33	Ω 7 09:11	Ω 16 23:30	Ω 28 13:05	Ω 3 03:22
Υ 26 02:29	≈ 3 10:07	Υ 12 20:59	Ω 24 06:30	Ω 24 06:30	Ω 10 21:50	Ω 20 09:01	Ω 19 09:43	Ω 9 19:49	Ω 19 09:43	Ω 30 22:43	Ω 5 16:14
Ω 28 01:46	≈ 5 11:36	Ω 14 21:35	Ω 26 06:46	Feb. -12479j	Ω 13 01:30	Ω 22 12:50	Sept. -12478j	Ω 12 03:55	Ω 21 17:24	Ω 8 03:34	Ω 8 03:34
Ω 30 02:04	≈ 7 11:05	Ω 16 21:10	Ω 28 07:15	Ω 2 16:40	Ω 15 03:35	Ω 24 15:30	Ω 1 21:23	Ω 14 09:38	Ω 23 22:57	Apr. -12476j	Ω 10 12:54
	≈ 9 10:40	Ω 18 21:51	Ω 30 09:38	Ω 4 17:39	Ω 17 05:30	Ω 26 17:57	Ω 4 01:21	Ω 16 13:36	Ω 26 02:57	Ω 2 06:07	Ω 12 20:15
	≈ 11 12:24	Ω 21 01:11	Ω 21 01:11	Ω 6 19:23	Ω 19 08:16	Ω 28 20:53	Ω 6 04:20	Ω 18 16:30	Ω 28 05:53	Ω 4 11:31	Ω 15 01:29
Jan. -12481j	Ω 13 17:37	Ω 23 07:46	Aug. -12480j	Ω 8 22:49	Ω 21 12:21	March -12478j	Ω 8 07:04	Ω 20 19:00	Ω 30 08:14	Ω 6 15:07	Ω 17 04:29
Ω 3 12:11	Ω 16 02:23	Ω 25 17:06	Ω 1 14:38	Ω 11 04:15	Ω 23 18:02	Ω 10 10:10	Ω 22 21:49	Ω 22 21:49	Ω 8 17:15	Ω 19 05:40	Ω 19 05:40
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Ω 8 11:10	Ω 21 02:00	Ω 30 16:40	Ω 6 07:36	Ω 15 21:20	Ω 28 11:42	Ω 5 06:35	Ω 14 20:15	Ω 27 08:03	Ω 12 20:39	Ω 23 08:14	Ω 23 08:14
Ω 11 00:05	Ω 23 14:38	Feb. -12480j	Ω 8 18:47	Ω 18 09:04	Ω 30 23:52	Ω 7 14:41	Ω 17 04:39	Ω 29 17:09	Ω 4 14:35	Ω 15 00:51	Ω 25 13:17
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Ω 15 22:46	Ω 28 12:47	Ω 4 17:08	Ω 13 20:15	Ω 23 10:24	Ω 2 12:48	Ω 12 13:54	Ω 22 04:07	Ω 14 20:15	Ω 8 12:14	Ω 19 19:53	Ω 30 10:36
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Ω 20 11:21	Aug. -12481j	Ω 9 06:55	Ω 18 14:35	Ω 28 00:53	Ω 7 07:58	Ω 17 12:04	Ω 27 01:00	Ω 3 17:20	Ω 14 07:42	Ω 24 20:38	Ω 1 23:27
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Ω 24 12:31	Ω 3 22:40	Ω 13 07:23	Ω 22 17:46	Ω 2 02:40	Ω 11 13:19	Ω 21 21:42	Oct. -12478j	Ω 8 12:14	Ω 19 01:07	Ω 29 12:18	Ω 6 19:20
Ω 26 12:07	Ω 5 21:35	Ω 15 06:50	Ω 24 17:02	Ω 4 02:43	Ω 13 13:41	Ω 23 23:06	Ω 1 09:27	Ω 10 17:03	Ω 21 05:32	May -12476j	Ω 9 01:53
Ω 28 13:49	Ω 7 21:43	Ω 17 08:34	Ω 26 17:33	Ω 6 02:58	Ω 15 14:47	Ω 26 00:11	Ω 3 10:57	Ω 12 19:50	Ω 23 08:32	Ω 1 16:58	Ω 11 06:52
Ω 30 19:18	Ω 10 01:04	Ω 19 13:52	Ω 28 20:55	Ω 8 04:59	Ω 17 17:52	Ω 28 02:19	Ω 5 12:37	Ω 14 21:57	Ω 25 11:17	Ω 3 20:38	Ω 13 10:35
Feb. -12481j	Ω 12 08:36	Ω 21 22:44	Ω 31 03:41	Ω 10 09:44	Ω 19 23:36	Ω 30 06:26	Ω 7 15:37	Ω 17 00:33	Ω 29 18:15	Ω 5 23:44	Ω 15 13:11
Ω 2 04:54	Ω 14 19:34	Ω 24 10:06	Sept. -12480j	Ω 12 17:21	Ω 22 07:59	Apr. -12478j	Ω 9 20:34	Ω 21 09:25	Ω 31 23:09	Ω 8 02:33	Ω 17 15:14
Ω 4 17:14	Ω 17 08:10	Ω 26 22:36	Ω 2 13:23	Ω 15 03:29	Ω 24 18:38	Ω 12 12:55	Ω 12 03:34	Ω 23 16:18	Ω 10 05:40	Ω 19 17:57	Ω 21 22:50
Ω 7 06:10	Ω 19 20:43	Ω 29 11:15	Ω 5 01:02	Ω 17 15:30	Ω 27 06:55	Ω 3 21:45	Ω 14 12:34	Ω 26 01:22	Ω 12 10:13	Ω 21 22:50	Dec. -12476j
Ω 9 18:04	Ω 22 08:25	March -12480j	Ω 7 13:43	Ω 20 04:33	Ω 22 17:12	Ω 6 08:43	Ω 16 23:30	Ω 28 12:45	Ω 3 05:53	Ω 14 17:30	Ω 1 18:46
Ω 12 04:18	Ω 24 18:41	Ω 2 23:06	Ω 10 30:30	Ω 22 17:12	Ω 25 03:35	Ω 8 21:10	Ω 19 11:52	May -12477j	Ω 5 15:16	Ω 17 04:06	Ω 26 18:33
Ω 14 12:33	Ω 27 02:38	Ω 5 08:51	Ω 12 14:04	Ω 25 07:10	Oct. -12479j	Ω 11 09:49	Ω 22 00:12	Ω 1 01:27	Ω 8 03:12	Ω 19 16:52	Ω 29 07:20
Ω 16 18:22	Ω 29 07:28	Ω 7 15:15	Ω 14 22:46	Ω 27 10:17	Ω 13 13:41	Ω 13 20:45	Ω 24 10:23	Ω 3 13:14	Ω 10 16:01	Ω 22 05:08	Dec. -12476j
Ω 18 21:30	Ω 31 09:11	Ω 9 18:00	Ω 17 03:37	Ω 29 13:11	Ω 15 14:47	Ω 16 04:19	Ω 26 16:51	Ω 5 21:50	Ω 13 03:00	Ω 24 14:32	Ω 1 18:46
Ω 20 22:26	Sept. -12481j	Ω 11 18:05	Ω 19 05:01	Ω 31 13:26	Ω 21 00:19	Ω 18 08:05	Ω 28 19:38	Ω 8 02:33	Ω 15 10:22	Ω 26 20:29	Ω 4 03:19
Ω 22 22:32	Ω 2 08:58	Ω 13 17:23	Ω 23 04:02	Apr. -12479j	Ω 11 00:19	Ω 20 08:59	Ω 30 20:04	Ω 10 04:19	Ω 17 14:12	Ω 28 23:59	Ω 6 09:04
Ω 24 23:46	Ω 4 08:48	Ω 15 17:59	Ω 25 05:38	Ω 2 12:50	Ω 12 23:55	Ω 22 08:44	Nov. -12478j	Ω 12 04:58	Ω 19 15:58	Ω 31 02:28	Ω 8 12:57
Ω 27 04:01	Ω 6 10:49	Ω 17 21:43	Ω 27 10:41	Ω 4 13:18	Ω 15 01:11	Ω 24 09:15	Ω 1 20:07	Ω 14 06:20	Ω 23 19:48	June -12476j	Ω 10 15:58
March -12481j	Ω 8 16:39	Ω 20 05:20	Ω 29 19:29	Ω 6 16:28	Ω 17 05:35	Ω 28 18:24	Ω 3 21:40	Ω 16 09:38	Ω 25 23:51	Ω 2 05:04	Ω 12 18:46
Ω 1 12:22	Ω 11 02:28	Ω 22 16:13	Oct. -12480j	Ω 8 23:10	Ω 19 13:36	May -12478j	Ω 6 01:59	Ω 18 15:17	Ω 28 05:39	Ω 4 08:23	Ω 14 21:49
Ω 4 00:04	Ω 13 14:47	Ω 25 04:44	Ω 11 09:14	Ω 13 21:30	Ω 22 00:36	Ω 1 03:42	Ω 8 09:18	Ω 20 23:02	Ω 30 13:15	Ω 6 12:38	Ω 17 01:44
Ω 6 12:54	Ω 16 03:23	Ω 27 17:16	Ω 15 07:55	Ω 16 10:34	Ω 24 13:12	Ω 3 15:08	Ω 10 18:59	Ω 23 08:39	Ω 13 06:19	Ω 18 14:56	Ω 19 07:22
Ω 9 00:39	Ω 18 14:46	Ω 30 04:45	Ω 18 23:06	Ω 18 23:06	Ω 27 02:05	Ω 6 03:40	Ω 13 06:19	Ω 25 20:04	Ω 15 18:41	Ω 20 22:56	Ω 21 15:38
Ω 11 10:21	Ω 21 00:24	Apr. -12480j	Ω 21 09:54	Ω 21 09:54	Ω 29 14:06	Ω 8 16:23	Ω 15 18:41	Ω 28 08:50	Ω 18 07:15	Ω 30 13:15	Ω 22 02:41
Ω 13 18:01	Ω 23 08:07	Ω 3 21:36	Ω 23 17:53	Nov. -12479j	Ω 1 00:09	Ω 11 04:03	Ω 18 07:15	Ω 20 18:23	Ω 22 02:17	Ω 11 01:56	Ω 24 02:41
Ω 15 23:52	Ω 25 13:41	Ω 5 01:51	Ω 14 11:04	Ω 15 18:24	Ω 3 07:11	Ω 13 13:05	Ω 16 04:19	Ω 23 02:17	Ω 15 18:24	Ω 16 00:52	Ω 26 15:19
Ω 18 03:55	Ω 27 16:58	Ω 8 03:33	Ω 16 14:16	Ω 18 15:11	Ω 10 45:05	Ω 17 20:05	Ω 20 08:59	Ω 23 06:09	Ω 19 19:30	Ω 18 13:40	Ω 29 03:14
Ω 20 06:19	Ω 29 18:27	Ω 10 03:52	Ω 20 15:14	May -12479j	Ω 7 11:28	Ω 19 13:05	Ω 22 08:44	Ω 25 06:09	Ω 27 07:17	Ω 20 23:59	Ω 31 12:20
Ω 22 07:44	Oct. -12481j	Ω 12 04:32	Ω 22 16:11	Ω 13 21:30	Ω 15 01:11	Ω 17 05:35	Ω 24 09:15	Ω 28 06:44	Ω 30 13:15	Ω 23 06:28	Jan. -12475j
Ω 24 09:36	Ω 1 19:22	Ω 14 07:19	Ω 24 19:44	Ω 16 10:34	Ω 18 23:06	Ω 20 19:18	Ω 23 08:10	Ω 26 00:40	Ω 28 12:45	Ω 25 09:31	Ω 2 18:00
Ω 26 13:34	Ω 3 21:26	Ω 16 13:32	Ω 27 03:01	Ω 29 13:52	Ω 31 11:50	Ω 1 00:09	Ω 11 04:03	Ω 3 07:11	Ω 12 03:34	Ω 14 17:30	Ω 4 21:01
Ω 28 20:58	Ω 6 02:16	Ω 18 23:23	Nov. -12480j	Ω 11 03:44	Ω 13 16:49	Ω 15 20:07	Ω 18 06:37	Ω 20 08:59	Ω 22 02:34	Ω 24 02:41	Ω 6 22:43
Ω 31 07:51	Ω 8 10:47	Ω 21 11:38	Ω 14 11:04	Ω 16 05:03	Ω 18 23:06	Ω 20 19:18	Ω 23 08:10	Ω 26 00:40	Ω 28 12:45	Ω 25 09:31	Ω 2 18:00
Apr. -12481j	Ω 10 22:21	Ω 24 00:09	Ω 17 03:37	Ω 19 05:01	Ω 21 09:54	Ω 23 17:53	Ω 25 19:54	Ω 27 02:05	Ω 29 14:06	Ω 30 13:15	Ω 31 12:20
Ω 2 20:29	Ω 13 10:56	Ω 26 11:17	Ω 28 20:15	Ω 3 15:10	Ω 5 01:51	Ω 8 03:33	Ω 10 03:52	Ω 12 04:32	Ω 14 07:19	Ω 16 13:32	Ω 18 23:23
Ω 5 08:22	Ω 15 22:21	Ω 28 20:15	May -12480j	Ω 1 02:38	Ω 3 15:10	Ω 5 01:51	Ω 8 03:33	Ω 10 03:52	Ω 12 04:32	Ω 14 07:19	Ω 16 13:32
Ω 7 17:50	Ω 18 07:28	Ω 20 14:14	Ω 1 02:59	Ω 3 07:43	Ω 5 17:04	Ω 8 10:27	Ω 10 16:42	Ω 12 05:23	Ω 14 08:09	Ω 16 11:04	Ω 18 14:57
Ω 10 00:42	Ω 20 14:14	Ω 22 19:07	Ω 3 07:43	Ω 5 17:04	Ω 8 10:27	Ω 10 16:42	Ω 12 05:23	Ω 14 08:09	Ω 16 11:04	Ω 18 14:57	Ω 20 19:23
Ω 12 05:37	Ω 22 19:07	Ω 24 22:36	Ω 5 10:43	Ω 8 12:27	Ω 10 16:42	Ω 12 05:23	Ω 14 08:09	Ω 16 11:04	Ω 18 14:57	Ω 20 19:23	Ω 22 02:38
Ω 14 09:17	Ω 24 22:36	Ω 27 01:12	Ω 8 12:27	Ω 10 16:42	Ω 12 05:23	Ω 14 08:09	Ω 16 11:04	Ω 18 14:57	Ω 20 19:23	Ω 22 02:38	Ω 24 00:08
Ω 16 12:12	Ω 27 01:12	Ω 29 03:37	Ω 9 14:26	Ω 11 17:26	Ω 13 22:55	Ω 15 21:41	Ω 17 03:37	Ω 19 13:52	Ω 21 05:43	Ω 23 11:53	Ω 25 04:49
Ω 18 14:51	Ω 31 06:48	Nov. -12481j	Ω 11 17:26	Ω 13 22:55	Ω 15 21:41	Ω 17 03:37	Ω 19 13:52	Ω 21 05:43	Ω 23 11:53	Ω 25 04:49	Ω 27 03:37
Ω 20 17:58	Ω 1 19:22	Ω 3 21:26	Ω 14 07:19	Ω 16 13:32	Ω 18 23:23	Ω 20 04:00	Ω 22 00:09	Ω 24 00:09	Ω 26 11:17	Ω 28 20:15	Ω 30 04:33
Ω 22 22:38	Ω 5 08:22	Ω 7 17:50	Ω 10 00:42	Ω 12 05:37	Ω 14 09:17	Ω 16 12:12	Ω 18 14:51	Ω 20 17:58	Ω 22 22:38	Ω 24 00:08	Ω 26 11:17
Ω 25 05:54	Ω 15 22:21	Ω 18 07:28	Ω 20 14:14	Ω 22 19:07	Ω 24 22:36	Ω 27 01:12	Ω 29 03:37	Ω 31 06:48	Nov. -12481j	Ω 1 19:22	Ω 3 21:26
Ω 27 16:11	Ω 18 07:28	Ω 20 14:14	Ω 22 19:07	Ω 24 22:36	Ω 27 01:12	Ω 29 03:37	Ω 31 06:48	Nov. -12481j	Ω 1 19:22	Ω 3 21:26	Ω 5 08:22
Ω 30 04:33	Ω 21 11:38	Ω 24 00:09	Ω 26 11:17	Ω 28 20:15	Ω 3 15:10	Ω 5 01:51	Ω 8 10:27	Ω 10 16:42	Ω 12 05:23	Ω 14 08:09	Ω 16 11:04
May -12481j	Ω 2 20:29	Ω 5 08:22	Ω 7 17:50	Ω 10 00:42	Ω 12 05:37	Ω 14 09:17	Ω 16 12:12	Ω 18 14:51	Ω 20 17:58	Ω 22 22:38	Ω 24 00:08
Ω 5 02:42	Ω 15 22:21	Ω 18 07:28	Ω 20 14:14	Ω 22 19:07	Ω 24 22:36	Ω 27 01:12	Ω 29 03:37	Ω 31 06:48	Nov. -12481j	Ω 1 19:22	Ω 3 21:26
Ω 7 09:22	Ω 18 07:28	Ω 20 14:14	Ω 22 19:07	Ω 24 22:36	Ω 27 01:12	Ω 29 03:37	Ω 31 06:48	Nov. -12481j	Ω 1 19:22	Ω 3 21:26	Ω 5 08:22
Ω 9 13:18	Ω 21 05:55	Ω 24 04:19	Ω 26 11:17	Ω 28 20:15	Ω 3 15:10	Ω 5 01:51	Ω 8 10:27	Ω 10 16:42	Ω 12 05:23	Ω 14 08:09	Ω 16 11:04
Ω 11 15:39	Ω 24 04:19	Ω 27 01:12	Ω 29 03:37	Ω 31 06:48	Nov. -12481j	Ω 1 19:22	Ω 3 21:26	Ω 5 08:22	Ω 7 17:50	Ω 10 00:42</	

with clock times in UT/GMT. The year -12475 astronomical counting style corresponds to year 12476 B.C.E historical counting style.

Apr. -12475j	Oct. -12475j	May -12474j	Nov. -12474j	May -12473j	Dec. -12473j	June -12472j	Dec. -12472j	July -12471j	Jan. -12470j	July -12470j	Feb. -12469j
♈ 14 17:46	♏ 25 08:49	♈ 1 12:16	♏ 11 13:12	♈ 24 03:30	♏ 1 07:06	♈ 11 21:07	♏ 22 11:29	♏ 1 14:16	♏ 11 03:25	♏ 23 16:14	♏ 2 06:05
♏ 17 06:05	♏ 27 21:05	♏ 4 10:21	♏ 14 01:38	♏ 26 16:13	♏ 3 18:48	♏ 14 08:53	♏ 24 23:24	♏ 4 00:38	♏ 13 14:39	♏ 26 04:27	♏ 4 18:40
♏ 19 17:08	♏ 30 08:13	♏ 6 23:03	♏ 16 14:39	♏ 29 05:12	♏ 6 07:37	♏ 16 21:34	♏ 27 11:59	♏ 6 13:04	♏ 16 03:29	♏ 28 17:16	♏ 7 06:42
♏ 22 02:25		♏ 9 11:28	♏ 19 02:54	♏ 31 16:36	♏ 8 20:05	♏ 19 09:26	♏ 29 23:08	♏ 9 01:36	♏ 18 15:17	♏ 31 03:58	♏ 9 16:20
♏ 24 09:18	Nov. -12475j	♏ 11 22:16	♏ 21 12:41		♏ 11 06:22	♏ 21 18:27		♏ 11 11:38	♏ 20 23:53	♏ 2 11:18	♏ 11 23:13
♏ 26 13:16	♏ 1 17:12	♏ 14 05:56	♏ 23 18:45	June -12473j	♏ 13 13:07	♏ 23 23:37	Jan. -12471j	♏ 13 17:47	♏ 23 04:54	Aug. -12470j	♏ 14 04:01
♏ 28 14:32	♏ 3 23:05	♏ 16 09:44	♏ 25 21:07	♏ 3 00:42	♏ 15 16:10	♏ 26 01:24	♏ 1 06:55	♏ 15 20:33	♏ 25 07:29	♏ 2 11:18	♏ 16 07:34
♏ 30 14:24	♏ 6 01:35	♏ 18 10:22	♏ 27 21:03	♏ 5 04:52	♏ 17 16:37	♏ 28 01:23	♏ 3 10:51	♏ 17 21:36	♏ 27 09:14	♏ 4 15:51	♏ 18 10:27
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May -12475j	♏ 10 01:09	♏ 22 09:32		♏ 9 05:20	♏ 21 16:48		♏ 7 12:11	♏ 22 01:34	♏ 31 14:57	♏ 8 21:38	♏ 22 16:23
♏ 2 14:49	♏ 12 02:11	♏ 24 12:07	Dec. -12474j	♏ 11 05:16	♏ 23 20:05	July -12472j	♏ 9 13:20	♏ 24 06:24		♏ 11 00:42	♏ 24 21:02
♏ 4 17:52	♏ 14 06:33	♏ 26 18:28	♏ 1 21:10	♏ 13 07:25	♏ 26 02:52	♏ 2 03:39	♏ 11 16:47	♏ 26 13:12	Feb. -12470j	♏ 13 04:24	♏ 27 04:11
♏ 7 00:56	♏ 16 14:57	♏ 29 04:23	♏ 4 00:54	♏ 15 12:56	♏ 28 12:52	♏ 4 08:50	♏ 13 23:01	♏ 28 21:49	♏ 2 19:51	♏ 15 09:09	
♏ 9 11:47	♏ 19 02:30	♏ 31 16:31	♏ 6 08:21	♏ 17 21:58	♏ 31 00:58	♏ 6 17:07	♏ 16 07:42	♏ 31 08:19	♏ 5 02:26	♏ 17 15:43	March -12469j
♏ 12 00:28	♏ 21 15:12		♏ 8 19:02	♏ 20 09:36		♏ 9 03:42	♏ 18 18:15		♏ 7 11:08	♏ 20 00:53	♏ 1 14:18
♏ 14 12:44	♏ 24 03:19	June -12474j	♏ 11 07:39	♏ 22 22:28	Jan. -12472j	♏ 11 15:42	♏ 21 06:16	Aug. -12471j	♏ 9 22:17	♏ 22 12:40	♏ 4 02:37
♏ 16 23:18	♏ 26 13:58	♏ 3 05:13	♏ 13 20:37	♏ 25 11:18	♏ 2 13:50	♏ 14 04:21	♏ 23 19:00	♏ 2 20:38	♏ 12 11:08	♏ 25 01:36	♏ 6 14:58
♏ 19 07:58	♏ 28 22:41	♏ 5 17:19	♏ 16 08:40	♏ 27 22:55	♏ 5 02:21	♏ 16 16:38	♏ 26 06:56	♏ 5 09:34	♏ 14 23:33	♏ 27 13:06	♏ 9 01:06
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♏ 23 19:40	Dec. -12475j	♏ 10 12:13	♏ 21 01:54		♏ 9 21:25	♏ 21 09:49	♏ 30 20:58	♏ 10 04:09	♏ 19 14:35		♏ 13 11:57
♏ 25 22:32	♏ 1 05:06	♏ 12 17:34	♏ 23 05:55	July -12473j	♏ 12 01:59	♏ 25 12:37		♏ 12 07:21	♏ 21 16:46	Sept. -12470j	♏ 15 14:14
♏ 27 23:56	♏ 3 08:58	♏ 14 20:01	♏ 25 07:16	♏ 2 14:07	♏ 14 03:20	♏ 27 11:36	Feb. -12471j	♏ 14 07:44	♏ 23 17:22	♏ 1 01:35	♏ 17 16:06
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June -12475j	♏ 9 12:36	♏ 20 22:22	♏ 31 09:57	♏ 8 16:19	♏ 20 03:58	♏ 31 15:23	♏ 5 21:27	♏ 20 12:02		♏ 7 06:26	♏ 24 04:02
♏ 1 04:00	♏ 11 16:13	♏ 23 03:09		♏ 10 16:57	♏ 22 09:21		♏ 7 23:22	♏ 22 18:42	March -12470j	♏ 9 09:46	♏ 26 11:53
♏ 3 10:02	♏ 13 23:21	♏ 25 11:45	Jan. -12473j	♏ 12 20:40	♏ 24 18:43	Aug. -12472j	♏ 10 04:39	♏ 25 03:54	♏ 2 20:16	♏ 11 15:09	♏ 28 22:07
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♏ 8 08:05	♏ 18 22:20	♏ 30 12:10	♏ 5 01:38	♏ 17 15:48	♏ 29 19:48	♏ 5 09:33	♏ 15 00:10	♏ 30 03:20	♏ 6 17:43	♏ 16 08:28	
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♏ 13 06:57	♏ 23 20:47	July -12474j	♏ 10 02:58	♏ 22 17:29	Feb. -12472j	♏ 10 10:30	♏ 20 01:08	Sept. -12471j	♏ 11 18:01	♏ 21 09:09	♏ 2 22:56
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♏ 24 06:59	Jan. -12474j	♏ 12 02:59	♏ 21 15:21	Aug. -12473j	♏ 10 12:47	♏ 23 23:10	March -12471j	♏ 10 19:08	♏ 23 03:32		♏ 13 23:37
♏ 26 09:43	♏ 1 17:17	♏ 14 05:15	♏ 23 16:45	♏ 1 01:14	♏ 12 13:15	♏ 25 22:36	♏ 1 08:36	♏ 12 18:27	♏ 25 03:10	Oct. -12470j	♏ 16 00:42
♏ 28 13:30	♏ 3 19:22	♏ 16 06:50	♏ 25 17:46	♏ 3 03:11	♏ 14 12:50	♏ 28 00:24	♏ 3 08:27	♏ 14 18:01	♏ 27 03:57	♏ 2 14:26	♏ 18 03:49
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July -12475j	♏ 10 08:24	♏ 22 20:35		♏ 9 06:30	♏ 21 01:38	Sept. -12472j	♏ 9 11:45	♏ 21 09:37		♏ 8 20:41	♏ 25 05:00
♏ 3 04:35	♏ 12 18:07	♏ 25 07:21	Feb. -12473j	♏ 11 12:42	♏ 23 13:13	♏ 1 15:52	♏ 11 19:17	♏ 23 20:54	Apr. -12470j	♏ 11 04:22	♏ 27 17:14
♏ 5 16:19	♏ 15 06:09	♏ 27 20:00	♏ 1 09:24	♏ 13 22:59	♏ 26 02:08	♏ 4 04:06	♏ 14 05:59	♏ 26 09:32	♏ 2 23:30	♏ 13 14:44	♏ 30 06:01
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♏ 12 23:53	♏ 22 12:21	Aug. -12474j	♏ 8 21:41	♏ 21 11:16	March -12472j	♏ 11 15:05	♏ 21 19:02	Oct. -12471j	♏ 10 13:07	♏ 21 04:09	♏ 2 17:51
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♏ 17 07:46	♏ 26 20:14	♏ 4 00:26	♏ 13 13:10	♏ 26 02:15	♏ 4 09:18	♏ 16 05:38	♏ 26 13:05	♏ 3 19:57	♏ 15 08:38	♏ 25 21:38	♏ 7 08:15
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♏ 25 20:57	Feb. -12474j	♏ 12 14:24	♏ 22 02:23	Sept. -12473j	♏ 12 22:47	♏ 24 11:02	Apr. -12471j	♏ 12 05:15	♏ 23 13:40	Nov. -12470j	♏ 15 10:35
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♏ 30 13:05	♏ 4 09:57	♏ 16 22:47	♏ 26 10:04	♏ 3 14:18	♏ 17 03:02	♏ 28 23:39	♏ 3 18:26	♏ 16 09:17	♏ 27 20:29	♏ 5 03:46	♏ 19 23:52
	♏ 6 16:57	♏ 19 05:51	♏ 28 17:56	♏ 5 16:55	♏ 21 20:36		♏ 5 20:50	♏ 18 16:29	♏ 30 05:26	♏ 7 20:20	♏ 22 11:01
Aug. -12475j	♏ 9 02:23	♏ 21 15:53		♏ 7 22:17	♏ 24 09:16	Oct. -12472j	♏ 8 02:52	♏ 21 03:12		♏ 9 20:31	♏ 24 23:29
♏ 2 00:28	♏ 11 14:05	♏ 24 04:16	March -12473j	♏ 10 07:25	♏ 26 21:25	♏ 1 11:10	♏ 10 12:36	♏ 13 00:45	May -12470j	♏ 12 08:56	♏ 30 00:17
♏ 4 13:06	♏ 14 02:37	♏ 26 16:49	♏ 3 05:05	♏ 12 19:37	♏ 29 07:31	♏ 3 23:50	♏ 15 13:25	♏ 24 05:26	♏ 2 17:16	♏ 14 21:52	
♏ 7 00:57	♏ 16 13:39	♏ 29 02:54	♏ 5 17:56	♏ 15 15:08	♏ 31 05:19	♏ 6 11:37	♏ 18 01:05	♏ 31 01:33	♏ 5 06:19	♏ 17 10:05	June -12469j
♏ 9 09:55	♏ 18 21:25	♏ 31 09:21	♏ 8 05:44	♏ 17 19:17	♏ 20 03:11	♏ 8 21:28	♏ 20 10:59		♏ 7 18:58	♏ 19 20:42	♏ 1 10:30
♏ 11 15:07	♏ 21 01:41		♏ 10 14:34	♏ 22 08:39	Apr. -12472j	♏ 11 05:15	♏ 22 18:40	Nov. -12471j	♏ 12 15:03	♏ 22 04:53	♏ 3 17:31
♏ 13 17:14	♏ 23 03:36	Sept. -12474j	♏ 12 20:17	♏ 24 12:41	♏ 2 21:14	♏ 13 11:05	♏ 24 23:53	♏ 2 08:32	♏ 14 21:06	♏ 24 09:59	♏ 5 20:46
♏ 15 17:48	♏ 25 04:47	♏ 2 12:47	♏ 14 23:55	♏ 26 16:03	♏ 5 01:37	♏ 15 15:03	♏ 27 02:46	♏ 4 12:55	♏ 17 00:10	♏ 26 11:59	♏ 7 20:58
♏ 17 18:40	♏ 27 06:47	♏ 4 14:45	♏ 17 02:45	♏ 28 19:05	♏ 7 04:40	♏ 17 17:27	♏ 29 04:00	♏ 6 15:02	♏ 19 00:56	♏ 28 11:54	♏ 9 19:55
♏ 19 21:19		♏ 6 16:47	♏ 19 05:37	♏ 30 22:07	♏ 9 06:49	♏ 19 19:05		♏ 8 15:48	♏ 21 00:45	♏ 30 11:30	♏ 11 19:53
♏ 22 02:34	March -12474j	♏ 8 19:53	♏ 21 08:56		♏ 11						

with clock times in UT/GMT. The year -12469 astronomical counting style corresponds to year 12470 B.C.E historical counting style.

Aug. -12469j	Feb. -12468j	Sept. -12468j	March -12467j	Sept. -12467j	Apr. -12466j	Oct. -12466j	Apr. -12465j	Nov. -12465j	May -12464j	Nov. -12464j	June -12463j
14 19:49	24 09:43	2 11:22	15 01:34	16 14:45	1 07:23	11 22:13	23 12:33	3 03:21	14 17:12	24 08:15	1 01:32
17 08:29	26 22:11	5 00:05	17 14:33	27 05:46	3 18:43	14 09:59	26 00:11	5 15:18	17 05:35	26 20:52	3 10:36
19 19:59	29 09:20	7 12:41	20 02:50	29 17:41	6 07:25	16 22:34	28 12:47	8 04:17	19 18:39	29 09:28	5 21:55
22 05:11		9 23:38	22 13:20		8 19:59	19 11:06		10 16:51	22 06:17		8 10:33
24 12:03	March -12468j	12 08:21	24 21:36	Oct. -12467j	11 07:36	21 22:44	May -12465j	13 02:55	24 14:28	Dec. -12464j	10 22:28
26 17:06	2 18:21	14 14:51	27 03:29	2 03:51	13 17:27	24 08:10	1 01:28	15 09:03	26 18:38	1 19:55	13 07:35
28 20:48	5 01:07	16 16:18	29 06:59	4 11:51	16 00:35	26 14:07	3 12:38	17 11:19	28 19:44	4 02:46	15 13:01
30 23:35	7 05:52	18 21:59	31 08:35	6 17:15	18 04:23	28 16:22	5 20:26	19 11:09	30 19:31	6 06:01	17 15:20
	9 08:57	20 23:35		8 19:55	20 05:15	30 16:03	8 00:09	21 10:34		8 06:49	19 16:03
Sept. -12469j	11 10:58	23 01:09	Apr. -12467j	10 20:30	22 04:39		10 00:35	23 11:29	June -12464j	10 06:53	21 16:55
2 02:02	13 12:53	25 04:08	2 09:14	12 20:28	24 04:41	Nov. -12466j	11 23:40	25 15:22	1 19:52	12 07:58	23 19:24
4 05:06	15 15:56	27 09:59	4 10:32	14 21:49	26 07:28	1 15:10	13 23:35	27 22:44	3 22:22	14 11:25	26 20:24
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8 17:36	20 06:00		8 21:38	19 11:21		5 20:13	18 08:37		8 12:30	19 03:17	30 17:47
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16 04:37	27 17:16	4 20:24	16 09:48	27 00:13	3 13:43	13 04:40	25 18:51	5 10:21	16 01:07	26 16:13	3 05:16
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	7 17:02	20 09:43		7 05:06	19 14:59	29 01:56	6 11:00	20 21:29		6 17:01	19 01:55
Oct. -12469j	9 20:11	22 13:36	May -12467j	9 06:21	21 15:23		8 10:54	22 23:47	July -12464j	8 16:42	21 02:35
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Nov. -12469j	11 13:44	23 12:25	June -12467j	10 21:25	22 08:46		9 22:48	23 22:30	Aug. -12464j	9 07:21	21 20:02
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22 20:45	June -12468j	11 18:06	23 06:03		10 12:10	20 15:12		11 15:58	23 04:00	March -12463j	10 00:06
24 23:39	1 05:24	13 21:18	25 10:07	Jan. -12466j	13 04:57	22 17:42	Aug. -12465j	13 17:33	25 04:45	2 13:25	12 00:24
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7 03:11	17 17:45	30 18:09	7 10:22	17 00:14	29 13:42	5 15:19	15 16:46		5 21:12	18 10:41	28 01:05
9 14:59	20 05:00		9 21:56	19 10:30	31 22:51	8 02:33	18 05:22	March -12464j	8 08:31	20 21:25	30 11:40
12 00:19	22 12:33	Jan. -12467j	12 05:58	21 17:17		10 10:51	20 15:51	1 04:15	10 17:15	23 06:08	
14 05:49	24 15:51	2 12:35	14 10:03	23 20:48	Aug. -12466j	12 15:57	22 23:04	3 10:55	12 23:44	25 12:58	Oct. -12463j
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18 06:58	28 15:10	6 02:09	18 11:38	27 23:15	5 07:26	16 20:48	27 06:29	7 19:05	17 08:33	29 20:55	5 03:04
20 06:15	30 15:28	8 02:10	20 12:38	30 01:08	7 08:55	18 23:08	29 09:09	9 22:06	19 11:25	31 22:29	7 07:18
22 07:32		10 03:51	22 15:38		9 10:32	20 01:28	31 12:18	12 00:57	21 13:42		9 09:20
24 12:20	July -12468j	12 08:15	24 21:16	Feb. -12466j	11 13:27	23 01:38		14 04:09	23 16:27	Apr. -12463j	11 10:09
26 20:52	2 18:36	14 15:36	27 05:32	1 04:56	13 18:17	25 07:40	Sept. -12465j	16 08:39	25 21:09	2 23:45	13 11:21
29 08:07	5 01:14	17 01:31	29 16:03	3 11:08	16 01:13	27 23:29	2 16:13	18 15:41	28 05:06	5 02:25	15 14:43
31 20:33	7 10:52	19 13:20		5 19:47	18 10:12		4 21:12	21 01:56	30 16:24	7 08:08	17 21:34
	9 22:28	22 02:14	Aug. -12467j	8 06:36	20 21:10		7 03:56	23 14:32		9 17:35	20 07:57
Jan. -12468j	12 11:06	24 14:56	1 04:19	10 18:58	23 09:35	March -12465j	9 13:10	26 02:59	Oct. -12464j	12 05:46	22 20:22
3 09:06	14 23:56	27 01:38	3 17:22	13 07:38	25 22:02	2 10:39	12 00:59	28 12:47	3 05:17	14 18:16	25 08:31
5 20:52	17 11:42	29 08:50	5 05:37	15 18:47	28 08:26	4 23:13	14 13:51	30 19:05	5 16:57	17 04:57	27 18:53
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10 13:39	22 01:51		10 20:45	20 06:59		9 20:09	19 08:45	Apr. -12464j	10 07:21	21 18:56	
12 16:58	24 03:22	Feb. -12467j	12 22:47	22 08:12	Sept. -12466j	12 01:21	21 12:41	1 22:41	12 11:05	23 23:17	Nov. -12463j
14 17:28	26 02:46	2 12:46	14 22:36	24 08:02	1 18:03	14 03:25	23 14:19	4 01:03	14 14:01	26 02:34	1 08:38
16 16:52	28 02:08	4 12:13	16 22:05	26 08:23	3 18:29	16 04:03	25 15:30	6 03:28	16 16:53	28 05:13	

with clock times in UT/GMT. The year -12463 astronomical counting style corresponds to year 12464 B.C.E historical counting style.

Dec. -12463j	June -12462j	Jan. -12461j	July -12461j	Jan. -12460j	Aug. -12460j	Feb. -12459j	Aug. -12459j	March -12458j	Sept. -12458j	March -12457j	Oct. -12457j
11 15:22	23 03:35	2 16:32	15 04:54	24 18:51	2 21:09	12 10:54	23 00:42	1 19:08	11 08:00	23 21:50	1 03:34
14 00:45	25 13:26	5 03:21	17 16:57	27 07:25	5 08:37	14 22:51	27 13:19	4 03:37	13 17:59	26 08:44	3 12:45
16 12:21	28 01:40	7 16:06	20 05:53	29 19:43	7 21:21	17 11:26	30 02:06	6 15:08	16 06:23	28 21:09	6 00:00
19 00:53	30 14:13	10 04:08	22 16:58		10 09:12	19 23:04		9 04:02	18 19:26	31 09:53	8 12:21
21 12:09		12 13:17	25 01:03	Feb. -12460j	12 19:07	22 08:56	Sept. -12459j	11 16:42	21 07:50		11 01:00
23 20:14	July -12462j	14 19:07	27 06:34	1 05:56	15 03:00	24 16:41	1 13:43	14 03:57	23 18:40	Apr. -12457j	13 12:59
26 00:45	3 00:31	16 22:38	29 10:37	3 13:41	17 09:03	26 22:03	3 23:24	16 12:57	26 03:08	2 21:55	15 22:40
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	9 12:53	23 07:10	Aug. -12461j	10 02:58	23 17:34	March -12459j	10 13:40	22 23:31		9 19:04	22 06:14
Jan. -12462j	11 14:51	25 11:24	2 17:12	12 05:20	25 19:33	1 10:19	12 14:28	24 23:35	Oct. -12458j	11 19:40	24 05:15
1 05:15	13 17:51	27 17:01	4 20:19	14 07:41	27 23:25	3 02:37	14 15:12	27 00:24	2 10:54	13 18:51	26 06:02
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7 22:18	20 11:53	Feb. -12461j	11 13:53	21 03:07	Sept. -12460j	9 10:39	21 08:18		8 15:56	20 04:12	
10 08:07	22 21:40	1 11:21	14 01:18	23 15:16	1 16:50	11 18:55	23 20:27	Apr. -12458j	11 00:39	22 14:41	Nov. -12457j
12 19:42	25 09:39	3 23:59	16 14:13	26 03:43	4 05:16	14 06:14	26 09:18	2 21:46	13 12:42	25 03:13	2 05:48
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17 20:21	30 09:51	8 22:17	21 10:19		9 03:13	19 06:22		7 23:10	18 13:58	30 03:39	7 06:57
20 05:34		11 04:15	23 15:20	March -12460j	11 10:21	21 23:27	Oct. -12459j	10 09:55	21 00:20		9 18:46
22 10:46	Aug. -12462j	13 07:04	25 18:06	1 21:38	13 15:13	23 06:28	1 05:36	12 18:26	23 08:43	May -12457j	12 04:56
24 12:28	1 17:27	15 08:21	27 20:08	4 02:30	15 18:41	28 06:52	3 12:12	15 00:51	25 14:58	2 13:56	14 12:16
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28 12:27	5 21:58	19 12:32		8 08:21	20 00:18	30 09:26	7 20:18	19 07:55	29 20:36	7 03:19	18 16:54
30 14:38	7 22:16	21 17:03	Sept. -12461j	10 11:01	22 03:45		9 22:43	21 09:20	31 21:07	9 05:33	20 16:18
	9 23:48	23 23:29	1 01:59	12 14:23	24 08:36		11 15:53	23 10:40		11 05:40	22 16:22
Feb. -12462j	12 03:40	26 07:58	3 06:48	14 19:05	26 15:42	Apr. -12459j	14 03:46	25 13:34	Nov. -12458j	13 05:27	24 19:08
1 19:51	14 10:02	28 18:41	5 13:21	17 01:53	29 01:29	3 15:03	16 08:46	27 19:37	2 22:06	15 07:03	27 01:50
4 04:01	16 18:32		7 22:09	19 11:21		5 20:00	18 16:59	30 05:28	5 01:32	17 12:17	29 12:12
6 14:22	19 04:51	March -12461j	10 09:22	21 23:11	Oct. -12460j	8 03:41	21 04:24		7 08:50	19 21:39	
9 02:12	21 16:50	3 07:18	12 22:11	24 11:51	1 13:30	10 14:18	23 17:14	May -12458j	9 19:56	22 09:50	Dec. -12457j
11 14:53	24 05:48	5 20:13	15 10:30	26 22:59	4 01:53	13 02:45	26 04:49	2 18:00	12 08:52	24 22:32	2 00:37
14 03:19	26 17:58	8 07:02	17 20:00	29 06:57	6 12:23	18 00:07	28 13:27	5 06:39	14 21:00	27 09:59	4 13:12
16 13:41	29 03:02	10 13:59	20 01:40	31 11:32	8 19:36	20 06:19	30 19:05	7 17:09	17 06:55	29 19:40	7 00:40
18 20:18	31 07:51	12 17:06	22 04:05		10 23:39	22 10:00		10 00:54	19 14:32		9 10:27
20 22:55		14 17:45	24 04:48	Apr. -12460j	13 01:43	24 12:27	Nov. -12459j	12 06:27	21 20:21	June -12457j	11 18:02
22 22:44	Sept. -12462j	16 17:49	26 05:31	2 13:43	15 03:17	26 14:52	1 22:45	14 10:40	24 00:41	1 03:30	13 23:00
24 21:52	2 09:03	18 19:03	28 07:42	4 14:55	17 05:40	28 18:03	4 01:39	16 14:04	26 03:39	3 09:23	16 01:26
26 22:29	4 08:28	20 22:37	30 12:14	6 16:36	19 09:41	30 22:25	6 04:35	18 16:53	28 05:40	5 13:05	18 02:12
	6 08:19	23 04:59		8 19:49	21 15:38		8 07:57	20 19:34	30 07:41	7 14:52	20 02:51
March -12462j	8 10:24	25 13:59	Oct. -12461j	11 01:11	23 23:34	May -12459j	10 12:06	22 23:07	Dec. -12458j	9 15:48	22 05:10
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3 09:40	13 00:09	30 13:51	5 04:57	15 18:47	28 21:18	5 12:09	15 01:44	27 13:59	4 17:54	13 21:55	26 19:48
5 20:03	15 10:58		7 16:31	18 06:36	31 09:53	7 22:27	17 12:37	30 02:03	7 04:04	16 06:02	29 07:41
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10 20:50	20 12:08	2 02:55	12 17:53	23 07:18	Nov. -12460j	12 23:17	22 13:26	June -12458j	9 16:36	21 06:28	
13 09:16	23 00:30	4 14:33	15 04:31	25 16:28	2 21:16	15 09:30	24 22:30	1 14:55	12 04:54	23 17:40	Jan. -12456j
15 20:11	25 10:39	6 22:56	17 11:38	27 21:51	5 05:28	17 15:54	27 03:51	4 01:47	14 14:51	26 02:51	3 07:32
18 04:10	27 17:11	9 03:22	19 15:00	29 23:52	7 09:47	19 18:52	29 06:29	6 09:17	16 21:54	28 09:43	5 16:41
20 08:23	29 19:54	11 04:32	21 15:36		9 11:06	21 19:56		8 13:51	19 02:41	30 14:49	7 23:35
22 22:18		13 04:04	23 15:08	May -12460j	11 11:13	23 20:57	Dec. -12459j	10 16:49	21 06:11		10 04:29
24 08:35	Oct. -12462j	15 03:54	25 15:33	1 23:57	13 12:04	25 23:26	1 08:03	12 19:27	23 09:06	July -12457j	12 07:43
26 08:22	1 19:56	17 05:47	27 18:31	4 00:00	15 15:11	28 04:04	3 10:04	14 22:28	25 11:55	2 18:38	14 09:52
28 10:36	3 19:12	19 10:58	30 00:59	6 01:50	17 21:11	30 10:49	5 13:25	17 02:12	27 15:11	4 21:30	16 11:49
30 16:33	5 19:43	21 19:39		8 06:39	20 05:47		7 18:19	19 06:57	29 19:45	6 23:59	18 14:47
	7 23:11	24 07:06	Nov. -12461j	10 14:38	22 16:19	June -12459j	10 00:54	21 13:26		9 02:58	20 20:00
Apr. -12462j	10 06:23	12 16:54	1 10:45	13 01:09	25 04:13	1 19:26	12 09:28	23 22:28	Jan. -12457j	11 07:42	23 04:19
2 02:11	15 05:22	17 18:15	3 22:44	15 13:14	27 16:51	4 05:57	14 20:18	26 10:10	3 12:25	13 15:15	25 15:31
4 14:12	20 06:20	22 16:34	6 11:36	18 01:58	30 04:52	6 18:11	17 08:58	28 23:11	6 00:34	16 01:53	28 03:59
7 02:54	25 00:07	27 04:31	9 00:09	20 14:19		9 07:06	19 21:34		8 13:06	18 14:22	30 15:30
9 15:03	29 06:11	31 06:18	11 11:16	23 00:44	Dec. -12460j	11 18:27	22 07:36	July -12458j	9 13:06	23 11:49	Feb. -12456j
12 01:45	30 06:18		13 19:43	25 07:44	2 14:21	14 02:07	24 13:39	1 10:53	10 23:35	25 18:09	2 00:24
14 10:13			16 00:45	27 10:51	4 19:55	16 05:33	26 16:07	3 19:07	13 06:48	27 22:00	4 06:27
16 15:46			18 02:29	29 10:58	6 21:44	18 06:01	28 16:40	5 23:36	15 10:57	30 00:31	6 10:20
18 18:24			20 20:09	31 09:59	8 21:17	20 05:34	30 17:12	8 01:31	17 13:15		8 13:05
20 18:59			22 01:37		10 20:45	22 06:19		10 02:33	19 14:59		
22 19:08			24 02:56	June -12460j	12 22:12	24 09:44	Jan. -12458j	12 04:15	21 17:18	Aug. -12457j	10 15:38
24 20:41	Nov. -12462j	14 15:17	26 07:49	2 10:07	15 03:01	26 16:16	1 19:17	14 07:33	23 20:57	1 02:51	12 18:41
26 20:15	2 06:33	16 18:45	28 16:46	4 13:16	17 11:21		3 23:43	16 12:53	26 02:25	3 05:50	14 22:49
27 01:15	4 08:45	19 02:12		6 20:24	19 22:12		6 06:40	18 20:20	28 10:06	5 10:02	17 04:39
29 09:36	6 14:20	21 13:15	Dec. -12461j	9 06:56	22 10:22	July -12459j	8 15:53	20 05:58	30 10:08	7 15:56	19 12:50
	8 23:45	24 02:11	1 10:43	11 19:18	24 22:59	1 12:27	11 03:05	22 17:41		9 23:55	21 23:35
May -12462j	11 11:57	26 14:59	3 17:41	14 08:02	27 11:08	4 00:47	13 15:47	26 06:42	Feb. -12457j	12 10:16	23 12:00
1 21:02	14 00:51	29 02:23	6 06:04	16 20:15	30 04:52	6 13:45	16 04:39	28 19:07	2 08:10	14 22:30	26 23:59
4 09:43	16 12:37	31 11:45	8 16:59	19 07:09		9 01:51	18 15:39	31 04:44	4 20:51	17 10:59	29 09:20
7 07:47	18 22:17		11 01:53	21 15:35	Jan. -12459j	11 11:05	20 22:59		7 08:09	19 21:26	
11 15:41	21 05:39	II 2 18:47	13 08:13	23 20:33	2 14:21	13 16:09	23 02:24	Aug. -12458j	9 16:16	22 04:21	March -12456j
13 21:24	23 10:47	4 23:13	15 11:36	25 22:05	4 19:55	15 17:27	25 02:57	2 10:22	11 20:45	24 07:45	2 15:08
15 16:46	25 00:07	6 12:12	16 00:45	27 10:51	6 21:44	17 16:41	27 02:33	4 12:28	13 22:26	26 08:54	4 18:01
18 18:24	27 04:31	8 14:57	18 02:29	29 10:58	8 21:17	19 16:03	29 03:				

with clock times in UT/GMT. The year -12456 astronomical counting style corresponds to year 12457 B.C.E historical counting style.

Apr. -12456j	Oct. -12456j	May -12455j	Nov. -12455j	May -12454j	Dec. -12454j	June -12453j	Dec. -12453j	July -12452j	Jan. -12451j	July -12451j	Feb. -12450j
11 17:34	22 08:02	1 13:44	11 03:23	23 15:40	3 05:07	14 16:41	25 05:34	1 04:37	10 15:39	23 02:22	1 15:08
14 02:56	24 17:30	3 21:06	13 11:11	25 23:51	5 13:49	17 02:07	27 16:03	3 09:08	12 21:43	25 10:16	4 00:24
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24 02:33	Nov. -12456j	13 19:33	23 09:09	June -12454j	15 09:32	26 20:54	Jan. -12452j	13 06:07	22 19:41	Aug. -12451j	13 23:35
26 10:29	1 06:26	16 03:54	25 16:13	2 11:16	17 14:47	29 01:34	1 17:00	15 15:02	25 04:20	1 22:38	16 08:09
28 14:13	3 16:43	18 08:15	27 19:50	4 20:35	19 17:37		4 02:46	17 21:37	27 11:04	4 09:15	18 13:58
30 14:41	5 22:58	20 09:42	29 21:13	7 02:28	21 19:25	July -12453j	8 14:04	20 02:37	29 16:02	6 18:07	20 16:58
	8 01:19	22 10:00		9 05:33	23 21:31	1 04:36	10 17:24	22 06:32	31 19:19	9 00:59	22 17:51
May -12456j	10 01:18	24 10:57	Dec. -12455j	11 07:10	26 00:51	3 07:14	12 20:21	24 09:32		11 05:32	24 18:09
2 13:53	12 00:59	26 13:49	1 21:58	13 08:47	28 05:53	5 10:17	14 23:20	26 11:54	Feb. -12451j	13 07:47	26 19:38
4 14:01	14 02:15	28 19:14	3 23:35	15 11:33	30 12:48	7 14:07	17 02:45	28 14:36	2 21:12	15 08:38	28 23:58
6 16:52	16 06:19	31 03:15	6 03:09	17 16:10		9 19:03	19 07:22	30 19:05	4 22:41	17 09:39	
8 23:12	18 13:31		8 09:12	19 22:53	Jan. -12453j	12 01:42	21 14:18		7 01:21	19 12:42	March -12450j
11 08:38	20 23:23	June -12455j	10 17:46	22 07:43	1 21:48	14 10:47	24 00:15	Aug. -12452j	9 06:48	21 19:14	3 07:59
13 20:05	23 11:11	2 13:33	13 04:34	24 18:37	4 08:54	16 22:25	26 12:39	2 02:43	11 15:54	24 05:27	5 19:09
16 08:35	26 00:03	5 01:39	15 16:58	27 07:01	6 21:24	19 11:15	29 01:15	4 13:48	14 03:54	26 17:54	8 07:42
18 21:19	28 12:53	7 14:42	18 05:47	29 19:30	9 09:28	21 22:40	31 11:24	7 02:43	16 16:29	29 06:11	10 19:39
21 09:07	30 23:58	10 03:04	20 17:14		11 18:51	24 06:36		9 14:37	19 03:20	31 16:34	13 05:47
23 18:20		12 12:48	23 01:35	July -12454j	14 00:26	26 10:47	Feb. -12452j	11 23:32	21 11:30		15 13:43
25 23:47	Dec. -12456j	14 18:38	25 06:10	2 06:00	16 02:41	28 12:30	2 17:59	14 05:20	23 17:19	Sept. -12451j	17 19:28
28 01:34	3 07:42	16 20:50	27 07:34	4 12:54	18 03:12	30 13:37	4 21:36	16 09:04	25 21:32	3 00:36	19 23:17
30 01:05	5 11:30	18 20:46	29 07:21	6 16:03	20 03:53		6 23:45	18 12:01	28 00:46	5 06:34	22 01:36
	7 12:14	20 20:18	31 07:24	8 16:40	22 06:21	Aug. -12453j	9 01:50	20 14:58		7 10:56	24 03:16
June -12456j	9 11:35	22 21:20	Jan. -12454j	10 16:36	24 11:22	1 15:42	11 04:47	22 18:17	March -12451j	9 14:05	26 05:28
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5 06:20	15 19:46	29 19:31	6 23:24	16 14:10	31 15:52	8 09:07	17 22:05	29 11:36	6 09:55	15 22:42	
7 14:48	18 05:10		8 10:39	18 22:01		10 18:37	20 08:04	31 22:14	8 15:41	18 04:53	Apr. -12450j
10 10:29	20 17:05	July -12455j	10 23:15	20 01:30	Feb. -12453j	13 06:07	22 20:19		11 00:24	20 14:12	2 03:00
12 14:47	23 06:04	2 07:58	12 12:04	22 03:54	3 04:24	15 19:00	25 09:15	Sept. -12452j	13 11:55	23 02:03	4 15:22
15 03:19	25 18:43	4 20:57	14 12:04	24 02:32	5 16:57	18 07:18	27 20:15	3 10:55	16 00:32	25 14:30	7 03:29
17 14:48	28 05:52	7 09:18	16 23:54	26 13:59	8 03:28	20 16:30		5 23:21	18 11:52	28 01:15	9 13:26
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22 07:05		12 03:17	21 15:31	Aug. -12454j	12 12:58	24 22:56	1 03:30	10 15:05	23 01:29		14 01:20
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July -12456j	9 23:26	24 15:41	Feb. -12454j	13 10:27	27 22:02		2 06:54	23 10:30	Apr. -12451j	11 01:41	27 01:34
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23 17:11	31 05:42	10 15:09	22 04:21	1 14:52	15 22:49	25 09:11	1 18:32		21 13:49		13 11:10
26 19:58		12 18:02	24 03:57	3 14:44	17 22:30	27 09:52	3 18:18	Apr. -12452j	23 14:35	Nov. -12451j	15 12:56
29 21:35	Feb. -12455j	14 18:48	26 03:52	5 13:47	20 00:43	29 13:31	5 18:28	14 05:36	25 15:19	1 01:32	17 15:41
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	4 08:21	18 20:07		9 14:19	24 16:07	Oct. -12453j	9 20:41	18 09:44	29 22:13	5 03:50	22 01:53
Aug. -12456j	6 09:38	21 00:30	March -12454j	11 14:52	26 06:39	1 20:42	10 01:53	20 16:01		7 07:05	24 09:35
1 07:54	8 13:04	23 09:05	2 12:32	13 14:14	28 16:34	4 06:56	12 10:13	23 01:12	May -12451j	9 12:39	26 19:21
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13 13:02	20 18:06	Sept. -12455j	14 21:03	24 11:35	6 01:29	16 15:17	24 20:41	Nov. -12452j	12 03:58	21 18:20	3 07:32
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20 01:43	27 11:28	6 20:48	19 09:58	Oct. -12454j	12 09:36	22 20:31		6 15:02	19 00:38	28 11:45	9 20:13
23 01:43		9 00:55	21 12:48	1 10:06	14 09:11	24 20:24	May -12452j	8 16:39	21 00:58	30 11:41	11 20:25
26 04:39	March -12455j	11 03:25	23 13:44	3 00:50	16 10:20	26 22:26	1 05:20	10 16:16	23 00:20		13 21:42
29 04:46	1 14:27	13 04:54	25 14:12	5 01:16	18 14:42	28 11:14	3 04:41	12 15:50	25 00:49	Dec. -12451j	16 01:21
32 11:43	3 16:42	15 06:40	27 16:08	7 04:03	20 22:55	30 22:07	5 05:19	14 17:18	27 04:09	2 11:33	18 07:36
28 17:29	5 19:01	17 10:31	29 21:17	9 10:34	23 10:15		7 08:52	16 22:11	29 11:06	4 13:19	20 16:05
31 02:05	7 22:36	19 17:54		11 20:50	25 22:56	Nov. -12453j	9 16:12	19 06:54	31 21:10	6 18:08	23 02:23
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Sept. -12456j	12 14:41	25 05:50	5 18:21	15 19:17	30 22:07	5 14:13	14 15:41	24 07:21	June -12451j	11 12:24	30 13:34
2 13:36	15 03:06	28 15:09	8 07:12	17 21:40		8 02:28	17 04:42	26 20:00	3 09:07	14 00:10	
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11 04:56	22 09:07	Oct. -12455j	14 21:03	24 00:16	5 13:24	15 02:43	24 10:14	Dec. -12452j	10 21:36	21 11:46	5 05:59
14 02:46	24 13:42	1 12:46	16 04:40	26 05:06	7 17:15	17 05:40	26 14:33	2 01:27	13 06:12	23 18:58	7 07:18
17 05:21	26 16:58	4 02:31	18 08:03	28 09:44	9 18:58	19 06:44	30 15:58	4 10:05	15 11:02	25 22:0	

with clock times in UT/GMT. The year -12450 astronomical counting style corresponds to year 12451 B.C.E historical counting style.

Aug. -12450j	Feb. -12449j	Sept. -12449j	March -12448j	Sept. -12448j	Apr. -12447j	Oct. -12447j	Apr. -12446j	Nov. -12446j	May -12445j	Nov. -12445j	June -12444j
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16 14:23	26 04:57	5 08:14	16 22:53	26 14:03	3 08:44	13 22:59	25 11:23	5 00:57	17 12:56	27 02:45	5 05:42
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21 15:40		10 09:06	21 23:37		8 03:42	18 18:16	30 07:40	9 22:38	22 11:53		10 02:46
24 03:51	March -12449j	12 21:50	24 11:57	Oct. -12448j	10 15:47	21 06:51		12 11:21	24 13:57	Dec. -12445j	12 15:25
26 14:22	3 06:33	15 09:13	26 22:28	1 14:40	13 04:35	23 19:39	May -12446j	14 22:09	27 09:35	2 02:15	15 02:29
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Sept. -12450j	12 13:28	24 00:59	Apr. -12448j	10 20:46	22 04:48		9 21:54	23 13:27	June -12445j	11 08:53	23 23:48
2 04:49	14 14:04	26 00:19	2 09:50	12 20:20	24 04:22	Nov. -12447j	11 23:56	25 15:36	2 22:44	13 11:32	26 02:39
4 04:55	16 13:44	28 01:18	4 09:02	14 19:31	26 04:54	1 15:35	14 00:57	27 19:10	5 01:03	15 14:00	28 05:41
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10 12:12	23 00:31	Oct. -12449j	10 18:28	21 08:59		7 21:42	20 10:51	Dec. -12446j	11 13:38	22 03:08	July -12444j
12 12:22	25 11:09	2 14:20	13 04:39	23 19:52	May -12447j	10 04:36	12 18:05	2 08:15	13 21:28	24 11:17	2 15:16
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25 03:44	2 00:09	15 00:01	25 13:12	Nov. -12448j	12 23:15	22 14:01	June -12446j	14 15:08	26 02:07	Jan. -12444j	14 19:48
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Oct. -12450j	10 23:25	23 11:29	May -12448j	9 07:25	21 15:08		8 10:35	22 22:31	July -12445j	9 18:25	23 08:01
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7 21:58	19 08:47		8 01:50	17 15:34	30 04:56	5 04:28	16 16:27		8 19:50	18 09:53	
10 05:48	21 18:23	Nov. -12449j	10 11:03	20 01:49		7 10:21	18 23:43	Jan. -12445j	11 04:34	20 18:40	Aug. -12444j
12 12:07	24 06:49	1 08:55	12 23:07	22 14:08	June -12447j	9 19:27	21 09:43	1 00:42	13 15:13	23 05:24	1 08:11
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22 09:53	May -12449j	11 05:33	22 18:56		9 05:11	19 20:23		10 23:34	23 12:09		11 05:40
24 14:34	1 15:28	13 12:12	24 05:18	Dec. -12448j	11 15:22	22 05:23	July -12446j	13 05:41	25 16:43	Feb. -12444j	13 10:57
26 18:05	3 22:03	15 16:56	27 04:55	2 09:34	13 22:22	24 10:46	1 10:11	15 08:12	27 17:53	4 23:52	15 12:55
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Nov. -12450j	12 10:32	24 00:57	June -12448j	10 17:00	22 02:03		9 21:35	23 12:12	Aug. -12445j	11 04:37	23 22:29
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16 11:44	28 22:58	6 04:17	16 16:43	27 07:07	3 23:29	13 14:36	26 05:16	4 19:57	17 10:30	27 00:37	5 03:59
18 17:51	31 04:32	8 12:10	19 19:03	30 15:00	6 11:06	16 02:02	28 16:14	7 06:21	19 20:24	29 08:58	7 14:39
20 21:24		10 17:57	21 06:42	31 20:37	8 20:55	18 11:15	30 00:52	9 13:53	22 02:43		9 21:20
22 23:50	June -12449j	12 22:18	23 11:04		10 04:24	20 17:44		11 17:56	24 05:10	March -12444j	11 23:57
25 02:22	2 08:30	15 01:37	25 13:49	Jan. -12447j	13 09:16	22 21:20	Aug. -12446j	13 18:55	26 04:49	2 13:10	13 23:57
27 05:40	4 11:49	17 04:12	27 15:33	3 00:01	15 11:40	24 22:39	2 06:27	15 18:14	28 03:46	4 13:56	15 23:27
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	8 18:09	21 10:11		7 02:49	19 13:13	28 23:35	6 09:09	19 20:10		8 12:55	20 04:22
Dec. -12450j	10 21:55	23 16:05	July -12448j	9 04:51	21 15:31	30 02:36	8 08:43	22 02:20	Sept. -12445j	10 15:17	22 11:28
1 15:37	13 03:20	26 01:15	1 21:14	11 09:20	23 20:54	Feb. -12446j	10 09:41	24 12:27	1 08:15	12 21:11	24 21:15
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11 10:30	22 23:37	Jan. -12448j	11 15:01	21 04:32		9 21:07	19 23:19	1 13:47	11 04:33	22 19:03	Oct. -12444j
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20 07:29		9 04:33	20 16:29	30 05:31	7 09:57	19 03:44	29 12:48	11 01:40	20 14:33		9 10:15
22 08:39	July -12449j	11 07:04	22 19:23		9 14:47	21 06:31	31 16:57	13 04:14	22 15:42	Apr. -12444j	11 11:12
24 11:07	1 17:58	13 09:42	24 22:13	Feb. -12447j	11 18:14	23 08:07		15 04:38	24 15:10	1 00:18	13 10:33
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28 21:52	5 23:46	17 17:38	29 06:23	5 13:43	15 22:57	18 01:52	27 12:22	19 05:50	28 17:28	5 23:46	17 12:24
31 06:14	8 04:34	20 00:16	31 13:23	7 18:34	18 01:52	20 06:48		21 10:36	30 23:50	7 00:11	19 17:58
	10 11:02	22 09:28		10 02:01	22 14:52	23 02:07	March -12446j	23 19:30		9 04:29	22 03:08
Jan. -12449j	12 19:42	24 21:06	Aug. -12448j	12 12:22	25 02:07	1 18:04	1 16:46	26 07:32	Oct. -12445j	11 12:38	24 14:54
2 16:44	15 06:49	27 09:47	2 23:08	15 00:39	27 14:55	4 03:28	13 17:39	28 20:20	3 10:03	13 23:48	27 03:46
5 05:06	17 19:41	29 21:14	5 11:10	17 12:45	30 02:37	6 15:45	16 06:35	31 07:59	5 22:27	16 12:24	29 16:23
7 18:02	20 08:14		7 23:39	19 22:30		9 04:31	18 18:52		8 11:01	19 00:58	
10 05:15	22 17:57	Feb. -12448j	10 10:15	22 05:03	Sept. -12447j	11 15:22	21 04:52	Apr. -12445j	10 22:25	21 12:32	Nov. -12444j
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14 16:22	27 02:10	3 10:31	14 21:39	26 11:17	5 20:45	15 22:57	27 22:37	5 01:34	15 15:55	26 05:09	3 12:32
16 17:10	29 02:48	5 12:50	16 23:44	28 13:29	7 23:35	18 09:05	30 01:52	7 07:30	17 21:15	2	

with clock times in UT/GMT. The year -12444 astronomical counting style corresponds to year 12445 B.C.E historical counting style.

Dec. -12444j	June -12443j	Jan. -12442j	July -12442j	Jan. -12441j	Aug. -12441j	Feb. -12440j	Aug. -12440j	March -12439j	Sept. -12439j	March -12438j	Oct. -12438j
13 12:05	24 22:21	2 05:21	14 15:56	24 05:10	1 07:46	10 19:34	22 07:34	1 16:19	11 04:56	23 18:08	1 03:38
15 18:38	27 06:36	4 11:08	16 23:46	26 14:18	3 11:12	13 00:24	24 13:41	3 20:35	13 10:25	25 23:55	3 08:04
18 04:52	29 18:24	6 20:59	19 11:05	29 01:55	5 18:16	15 08:23	26 22:45	6 03:36	15 18:13	28 07:34	5 13:49
20 17:28		9 09:29	21 23:50	31 14:30	8 04:26	17 19:00	29 10:03	8 13:07	18 04:00	30 17:15	7 21:25
23 05:59	July -12443j	11 22:14	24 12:17		10 16:31	20 07:21	31 22:43	11 00:34	20 15:29		10 07:27
25 16:26	2 07:30	14 09:38	26 23:34	Feb. -12441j	13 05:21	22 20:21		13 13:10	23 04:04	Apr. -12438j	12 19:44
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with clock times in UT/GMT. The year -12437 astronomical counting style corresponds to year 12438 B.C.E historical counting style.

Apr. -12437j	Oct. -12437j	May -12436j	Nov. -12436j	May -12435j	Dec. -12435j	June -12434j	Dec. -12434j	July -12433j	Jan. -12432j	July -12432j	Feb. -12431j
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8 23:41	18 14:37	Sept. -12436j	9 07:54	18 22:45	Apr. -12434j	11 03:54	22 17:43		8 21:38	18 11:12	June -12431j
11 12:43	21 03:31	1 18:23	11 20:06	21 11:11	3 01:43	13 16:46	25 06:16	Nov. -12433j	11 08:49	20 23:07	2 12:49
14 01:20	23 15:50	4 06:34	14 08:54	24 00:09	5 14:24	16 04:40	27 16:58	2 08:08	13 21:27	23 11:54	5 01:05
16 12:30	26 02:44	6 17:19	16 21:05	26 11:51	8 00:34	18 13:33	30 00:14	4 20:22	16 09:06	25 22:52	7 10:46
18 21:44	28 11:23	9 01:14	19 06:50	28 20:13	10 06:46	20 18:36		7 06:20	18 17:43	28 06:33	9 17:33
21 04:31		11 05:23	21 12:42		12 09:14	22 20:30	May -12433j	9 12:46	20 22:54	30 11:14	11 22:17
23 08:31	March -12436j	13 06:11	23 14:41	Oct. -12435j	14 09:27	24 20:47	2 04:03	11 15:59	23 01:40		14 01:59
25 09:58	1 16:56	15 05:16	25 14:12	1 00:26	16 09:19	26 21:13	4 05:29	13 17:19	25 03:33	Dec. -12432j	16 05:16
27 09:59	3 19:14	17 04:52	27 13:23	3 01:16	18 10:36	28 23:23	6 06:10	15 18:29	27 05:54	2 14:12	18 08:18
29 10:21	5 19:12	19 07:10	29 14:22	5 00:35	20 14:30	31 04:18	8 07:43	17 20:55	29 09:29	4 16:44	20 11:32
31 13:08	7 18:38	21 13:28	31 18:42	7 00:30	22 21:30		10 11:18	20 01:25	31 14:33	6 19:42	22 15:53
	9 19:40	23 23:35		9 02:47	25 07:17	Nov. -12434j	12 17:27	22 08:08		8 23:25	24 22:35
Sept. -12437j	12 00:11	26 11:54	Apr. -12435j	11 08:26	27 19:08	2 12:11	15 02:03	24 16:52	June -12432j	11 04:11	27 08:31
2 19:51	14 08:55	29 00:33	3 02:45	13 17:24	30 08:06	4 22:34	17 12:43	27 03:28	2 21:14	13 10:38	29 20:59
5 06:35	16 20:48		5 13:40	16 04:46		7 10:41	20 00:55	29 15:36	5 05:52	15 19:32	
7 19:30	19 09:42	Oct. -12436j	8 02:04	18 17:25	May -12434j	9 23:32	22 13:40		7 16:48	18 07:05	July -12431j
10 08:06	21 21:47	1 12:27	10 14:47	21 06:17	2 20:57	12 11:47	25 01:19	Dec. -12433j	10 05:28	20 19:58	2 09:41
12 18:48	24 08:18	3 22:58	13 02:53	23 18:07	5 08:01	14 21:49	27 09:59	2 04:10	12 17:52	23 07:34	4 19:52
15 03:21	26 16:58	6 07:26	15 13:13	26 03:30	7 15:46	17 04:23	29 14:45	4 15:08	15 03:28	25 15:45	7 02:30
17 10:01	28 23:25	8 13:									

with clock times in UT/GMT. The year -12431 astronomical counting style corresponds to year 12432 B.C.E historical counting style.

Aug. -12431j	Feb. -12430j	Sept. -12430j	March -12429j	Sept. -12429j	Apr. -12428j	Oct. -12428j	Apr. -12427j	Nov. -12427j	May -12426j	Nov. -12426j	June -12425j
Υ 13 23:13	Υ 23 12:24	Υ 2 21:09	Υ 15 10:05	Υ 24 23:40	Υ 1 05:33	Υ 11 18:43	Υ 23 05:09	Υ 2 16:33	Υ 15 01:19	Υ 24 12:40	Υ 1 21:25
Υ 16 05:04	Υ 25 18:41	Υ 5 02:03	Υ 17 14:59	Υ 27 04:24	Υ 3 08:07	Υ 13 20:36	Υ 25 06:08	Υ 4 17:41	Υ 17 03:01	Υ 26 15:12	Υ 3 20:48
Υ 18 13:23	Υ 28 03:18	Υ 7 08:53	Υ 19 21:39	Υ 29 11:02	Υ 5 10:58	Υ 15 23:07	Υ 27 08:50	Υ 6 21:18	Υ 19 07:59	Υ 28 21:18	Υ 5 21:37
Υ 20 23:54		Υ 9 17:46	Υ 22 06:36		Υ 7 15:20	Υ 18 03:54	Υ 29 14:53	Υ 9 04:33	Υ 21 16:47	Υ 30 01:36	Υ 8 01:36
Υ 23 12:10	March -12430j	Υ 12 04:42	Υ 24 17:55	Oct. -12429j	Υ 9 22:32	Υ 20 12:12		Υ 11 15:16	Υ 24 04:31	Dec. -12426j	Υ 10 09:37
Υ 26 01:12	Υ 2 14:06	Υ 14 17:09	Υ 27 06:32	Υ 1 20:25	Υ 12 09:07	Υ 22 23:47	May -12427j	Υ 14 03:46	Υ 26 17:17	Υ 3 10:70	Υ 12 21:01
Υ 28 13:12	Υ 5 02:28	Υ 17 05:28	Υ 29 18:12	Υ 4 08:26	Υ 14 21:51	Υ 25 12:38	Υ 2 00:45	Υ 16 15:52	Υ 29 05:14	Υ 5 15:02	Υ 15 10:02
Υ 30 22:15	Υ 7 15:03	Υ 19 15:29		Υ 6 21:14	Υ 17 10:06	Υ 28 00:02	Υ 4 13:06	Υ 19 02:09	Υ 31 15:23	Υ 8 08:29	Υ 17 22:48
	Υ 10 01:52	Υ 21 21:45		Υ 9 08:09	Υ 19 19:33	Υ 30 08:32	Υ 7 01:31	Υ 21 10:12		Υ 11 05:53	Υ 20 10:11
Sept. -12431j	Υ 12 09:20	Υ 24 00:24	Apr. -12429j	Υ 11 15:24	Υ 22 01:40		Υ 9 12:03	Υ 23 16:09	June -12426j	Υ 13 13:13	Υ 22 19:33
Υ 2 03:24	Υ 14 13:06	Υ 26 00:53	Υ 3 07:36	Υ 13 19:14	Υ 24 05:25	Nov. -12428j	Υ 11 20:11	Υ 25 20:17	Υ 2 23:21	Υ 15 18:09	Υ 25 02:26
Υ 4 05:06	Υ 16 14:09	Υ 28 01:08	Υ 5 09:37	Υ 15 21:06	Υ 26 08:10	Υ 1 14:19	Υ 14 02:16	Υ 27 22:59	Υ 5 05:03	Υ 17 20:55	Υ 27 06:32
Υ 6 04:52	Υ 18 14:09	Υ 30 02:56	Υ 7 10:34	Υ 17 22:42	Υ 28 10:56	Υ 3 18:21	Υ 16 06:49	Υ 30 00:57	Υ 7 08:36	Υ 19 22:11	Υ 29 08:05
Υ 8 04:36	Υ 20 14:56		Υ 9 12:08	Υ 20 01:18	Υ 30 14:11	Υ 5 21:32	Υ 18 10:08		Υ 9 10:30	Υ 21 23:05	July -12425j
Υ 10 06:08	Υ 22 18:02	Oct. -12430j	Υ 11 15:31	Υ 22 05:28		Υ 7 00:27	Υ 20 12:36	Dec. -12427j	Υ 11 11:43	Υ 24 01:13	Υ 1 08:09
Υ 12 10:48	Υ 25 00:13	Υ 2 07:26	Υ 13 21:02	Υ 24 11:13	May -12428j	Υ 9 17:18	Υ 22 14:59	Υ 2 03:13	Υ 13 13:39	Υ 26 06:10	Υ 3 08:29
Υ 14 18:58	Υ 27 09:22	Υ 4 14:47	Υ 16 04:35	Υ 26 18:43	Υ 2 18:14	Υ 12 07:16	Υ 24 18:28	Υ 4 07:04	Υ 15 17:49	Υ 28 14:51	Υ 5 11:04
Υ 17 05:58	Υ 29 20:37	Υ 7 00:26	Υ 18 14:01	Υ 29 04:20	Υ 4 23:33	Υ 14 12:46	Υ 27 00:20	Υ 6 13:41	Υ 18 01:20	Υ 31 02:41	Υ 7 17:28
Υ 19 18:34		Υ 9 11:45	Υ 21 01:19	Υ 31 16:09	Υ 7 07:02	Υ 16 20:56	Υ 29 09:25	Υ 8 23:29	Υ 20 12:13	Υ 3 10:53	Υ 10 03:56
Υ 22 07:31	Apr. -12430j	Υ 12 00:09	Υ 23 13:59		Υ 9 17:18	Υ 19 08:01	Υ 31 21:12	Υ 11 11:35	Υ 23 00:53	Υ 5 10:30	Υ 12 16:49
Υ 24 19:41	Υ 1 09:05	Υ 14 12:46	Υ 26 02:23	Nov. -12429j	Υ 12 05:51	Υ 21 20:44		Υ 13 23:51	Υ 25 12:56	Υ 7 12:13	Υ 15 05:33
Υ 27 05:47	Υ 3 21:45	Υ 16 23:53	Υ 28 12:08	Υ 3 05:09	Υ 14 18:33	Υ 24 08:38	June -12427j	Υ 16 10:13	Υ 27 22:38	Υ 9 18:50	Υ 17 16:27
Υ 29 12:40	Υ 6 09:19	Υ 19 07:38	Υ 30 17:48	Υ 5 16:55	Υ 17 04:47	Υ 26 17:38	Υ 3 09:46	Υ 18 17:44	Υ 30 05:38	Υ 11 23:36	Υ 20 01:09
	Υ 8 18:09	Υ 21 11:17		Υ 8 01:11	Υ 19 11:12	Υ 28 23:15	Υ 5 20:40	Υ 20 22:39		Υ 14 07:04	Υ 22 07:54
Oct. -12431j	Υ 10 23:17	Υ 23 11:43	May -12429j	Υ 10 05:23	Υ 21 14:20		Υ 8 04:39	Υ 23 01:53	July -12426j	Υ 16 10:33	Υ 25 02:26
Υ 1 15:57	Υ 13 00:54	Υ 25 10:51	Υ 2 19:44	Υ 12 06:36	Υ 23 15:45	Dec. -12428j	Υ 10 09:47	Υ 25 04:25	Υ 2 10:31	Υ 18 07:54	Υ 26 16:09
Υ 3 16:23	Υ 15 00:25	Υ 27 10:55	Υ 4 19:37	Υ 14 06:48	Υ 25 17:06	Υ 1 02:17	Υ 12 13:03	Υ 27 07:06	Υ 4 10:07	Υ 20 12:13	Υ 28 17:55
Υ 5 15:36	Υ 16 23:50	Υ 29 13:48	Υ 6 19:37	Υ 16 07:50	Υ 27 19:36	Υ 3 04:07	Υ 14 15:33	Υ 29 10:35	Υ 6 17:03	Υ 22 15:28	Υ 30 19:12
Υ 7 15:38	Υ 19 01:17	Υ 31 20:21	Υ 8 21:35	Υ 18 10:58	Υ 29 23:51	Υ 5 06:01	Υ 16 18:10	Υ 31 15:28	Υ 8 19:51	Υ 24 03:46	Aug. -12425j
Υ 9 18:27	Υ 21 06:15		Υ 11 02:29	Υ 20 16:41		Υ 7 08:55	Υ 18 21:35		Υ 10 23:04	Υ 26 16:09	Υ 1 21:36
Υ 12 01:16	Υ 23 15:02	Nov. -12430j	Υ 13 10:18	Υ 23 00:48	June -12428j	Υ 9 13:23	Υ 21 02:19	Jan. -12426j	Υ 13 03:38	Υ 28 14:51	Υ 3 10:53
Υ 14 11:53	Υ 26 02:33	Υ 3 06:06	Υ 15 20:19	Υ 25 11:01	Υ 1 06:03	Υ 11 19:52	Υ 23 08:58	Υ 5 07:50	Υ 15 10:38	Υ 30 05:38	Υ 5 11:04
Υ 17 00:38	Υ 28 15:11	Υ 5 17:49	Υ 18 07:56	Υ 27 23:01	Υ 3 14:20	Υ 14 04:38	Υ 25 18:01	Υ 7 19:34	Υ 17 20:42	Υ 31 02:41	Υ 7 17:28
Υ 19 13:35		Υ 8 06:22	Υ 20 20:36	Υ 30 12:03	Υ 6 00:52	Υ 16 15:43	Υ 28 05:24	Υ 9 10:04	Υ 20 09:07	Υ 3 10:53	Υ 10 03:56
Υ 22 01:29	May -12430j	Υ 10 18:56	Υ 23 09:19		Υ 8 13:19	Υ 19 04:21	Υ 30 18:01	Υ 12 19:01	Υ 22 21:34	Υ 5 10:30	Υ 12 16:49
Υ 24 11:38	Υ 1 03:45	Υ 13 06:31	Υ 25 20:13	Dec. -12429j	Υ 11 02:19	Υ 21 16:45		Υ 15 02:44	Υ 25 07:34	Υ 7 12:13	Υ 15 05:33
Υ 26 19:29	Υ 3 15:24	Υ 15 15:34	Υ 28 03:28	Υ 3 00:25	Υ 13 13:37	Υ 24 02:45	July -12427j	Υ 17 07:03	Υ 27 14:05	Υ 9 18:50	Υ 17 16:27
Υ 29 00:28	Υ 6 01:10	Υ 17 20:54	Υ 30 06:33	Υ 5 09:59	Υ 15 21:17	Υ 26 09:07	Υ 3 05:43	Υ 19 09:04	Υ 29 17:46	Υ 11 23:36	Υ 20 01:09
Υ 31 02:35	Υ 8 07:55	Υ 19 22:32		Υ 7 15:28	Υ 18 01:01	Υ 28 12:05	Υ 5 14:29	Υ 21 10:24	Υ 31 20:03	Υ 14 07:04	Υ 22 07:54
	Υ 10 11:07	Υ 21 21:54	June -12429j	Υ 9 17:17	Υ 20 01:57	Υ 22 01:53	Υ 16 18:10	Υ 23 10:24		Υ 16 10:33	Υ 25 02:26
Nov. -12431j	Υ 12 11:27	Υ 23 21:07	Υ 1 06:37	Υ 11 17:02	Υ 3 05:42	Υ 25 17:06	Υ 18 21:35	Υ 5 07:50	Aug. -12426j	Υ 18 07:54	Υ 3 10:53
Υ 2 02:42	Υ 14 10:36	Υ 25 22:23	Υ 3 05:42	Υ 13 16:43	Υ 5 05:59	Υ 27 19:36	Υ 20 12:36	Υ 7 19:34	Υ 2 10:31	Υ 20 12:13	Υ 5 11:04
Υ 4 02:31	Υ 16 10:49	Υ 28 03:17	Υ 5 05:59	Υ 15 18:10	Υ 7 09:14	Υ 29 23:51	Υ 23 08:58	Υ 9 10:04	Υ 4 10:07	Υ 22 15:28	Υ 7 17:28
Υ 6 04:08	Υ 18 14:08	Υ 30 12:06	Υ 7 09:14	Υ 17 22:36	Υ 9 16:06	Υ 20 06:20	Υ 25 18:01	Υ 11 11:35	Υ 6 17:03	Υ 24 03:46	Υ 9 18:50
Υ 8 09:20	Υ 20 21:37		Υ 11 02:29	Υ 23 00:48	Υ 13 10:18	Υ 25 11:01	Υ 28 05:24	Υ 14 04:38	Υ 16 15:43	Υ 30 12:03	Υ 1 21:36
Υ 10 18:44	Υ 23 08:43	Dec. -12430j	Υ 15 20:19	Υ 27 23:01	Υ 18 10:58	Υ 30 12:03	Υ 31 15:28	Υ 18 21:35	Υ 19 04:21	Υ 3 00:25	Υ 5 11:04
Υ 13 07:08	Υ 25 21:24	Υ 3 06:06	Υ 18 07:56	Υ 30 12:03	Υ 20 16:41			Υ 21 16:45	Υ 22 01:53	Υ 23 01:06	Υ 25 02:26
Υ 15 20:05	Υ 28 09:52	Υ 5 12:22	Υ 21 01:19	Υ 31 16:09	Υ 23 00:48	June -12428j	Υ 1 06:03	Υ 24 02:45	Υ 25 07:34	Υ 26 16:09	Υ 3 10:53
Υ 18 07:42	Υ 30 21:07	Υ 8 00:48	Υ 24 11:08	Υ 27 18:11	Υ 30 06:40	Υ 3 07:28	Υ 5 20:02	Υ 26 09:07	Υ 29 17:46	Υ 5 10:30	Υ 7 17:28
Υ 20 17:18		Υ 10 12:11	Υ 26 16:02	Υ 30 06:40		Υ 5 09:59	Υ 8 09:02	Υ 28 12:05	Υ 31 20:03	Υ 7 12:13	Υ 9 18:50
Υ 23 00:57	June -12430j	Υ 12 21:38	Υ 28 17:35	Jan. -12428j	Υ 1 17:02	Υ 3 23:59	Υ 10 20:56	Υ 30 12:55	Υ 12 19:01	Υ 14 07:04	Υ 16 15:43
Υ 25 06:37	Υ 2 06:47	Υ 15 04:14	Υ 30 17:10	Υ 3 03:50	Υ 5 09:59	Υ 7 15:28	Υ 13 06:06	Υ 16 18:10	Υ 19 09:04	Υ 20 12:13	Υ 22 15:28
Υ 27 10:11	Υ 4 14:21	Υ 17 07:32		Υ 8 03:50	Υ 10 03:16	Υ 12 06:36	Υ 15 11:30	Υ 18 21:35	Υ 21 10:24	Υ 23 01:06	Υ 25 02:26
Υ 29 11:53	Υ 6 19:10	Υ 19 08:12	July -12429j	Υ 12 03:16	Υ 14 06:19	Υ 16 12:44	Υ 19 13:04	Υ 22 14:59	Υ 24 03:46	Υ 26 16:09	Υ 28 17:55
	Υ 8 21:14	Υ 21 07:53	Υ 2 16:47	Υ 16 06:19	Υ 18 22:45	Υ 21 11:08	Υ 21 12:30	Υ 24 08:38	Υ 26 17:38	Υ 28 23:15	Υ 30 14:11
Dec. -12431j	Υ 10 21:28	Υ 23 08:33	Υ 4 18:26	Υ 10 03:16	Υ 12 06:36	Υ 14 06:19	Υ 13 16:43	Υ 16 15:43	Υ 18 01:01	Υ 20 01:57	Υ 22 01:53
Υ 1 12:43	Υ 12 21:42	Υ 25 12:05	Υ 6 23:34	Υ 12 06:36	Υ 15 21:17	Υ 18 01:01	Υ 16 15:43	Υ 19 04:21	Υ 21 16:45	Υ 23 01:06	Υ 25 02:26
Υ 3 14:23	Υ 14 23:59	Υ 27 19:28	Υ 8 03:33	Υ 14 06:19	Υ 16 12:44	Υ 18 01:01	Υ 17 22:36	Υ 20 06:20	Υ 22 01:53	Υ 23 01:06	Υ 25 02:26
Υ 5 18:42	Υ 17 05:59	Υ 30 06:17	Υ 10 18:10	Υ 16 12:44	Υ 18 22:45	Υ 21 11:08	Υ 19 13:04	Υ 22 01:53	Υ 24 03:46	Υ 26 16:09	Υ 28 17:55
Υ 8 02:53	Υ 19 15:56		Υ 12 04:06	Υ 18 22:45	Υ 21 11:08		Υ 21 12:30	Υ 24 08:38	Υ 26 17:38	Υ 28 23:15	Υ 30 14:11
Υ 10 14:30	Υ 22 04:21	Jan. -12429j	Υ 14 09:06	Υ 22 16:50	Υ 25 05:09	July -12428j	Υ 1 06:03	Υ 24 02:45	Υ 25 07:34	Υ 26 16:09	Υ 28 17:55
Υ 13 03:21	Υ 24 16:50	Υ 1 18:49	Υ 16 21:24	Υ 27 18:11	Υ 30 06:40	Υ 3 07:28	Υ 5 20:02	Υ 26 09:07	Υ 29 17:46	Υ 31 20:03	Υ 3 10:53
Υ 15 14:56	Υ 27 03:46	Υ 4 07:10	Υ 19 08:13	Υ 30 06:40		Υ 5 09:59	Υ 8 09:02	Υ 28 12:05	Υ 31 20:03		Υ 5 11:04
Υ 18 00:04	Υ 29 12:41	Υ 6 18:08	Υ 21 16:54	Feb. -12429j	Υ 2 16:47	Υ 4 18:26	Υ 5 05:59	Υ 8 09:02	Υ 10 12:11	Υ 12 19:01	Υ 14 07:04
Υ 20 06:53	Υ 31 06:35	Υ 9 03:08	Υ 23 22:59	Υ 4 18:26	Υ 6 23:34	Υ 8 03:33	Υ 10 03:16	Υ 12 06:36	Υ 14 06:19	Υ 16 12:44	Υ 18 22:45
Υ 22 11:59	July -12430j	Υ 11 09:53	Υ 25 02:21	Υ 6 23:34	Υ 8 03:33	Υ 10 18:10	Υ 13 06:06	Υ 15 21:17	Υ 18 21:35	Υ 20 01:57	Υ 22 01:53
Υ 24 15:49	Υ 1 19:44	Υ 13 14:13	Υ 27 03:37	Υ 8 03:33	Υ 11 02:29	Υ 13 16:43	Υ 16 15:43	Υ 19 04:21	Υ 21 16:45	Υ 23 01:06	Υ 25 02:26
Υ 26 18:37	Υ 4 00:59	Υ 15 16:26	Υ 29 04:03	Υ 12 06:36	Υ 14 06:19	Υ 16 12:44	Υ 18 22:45	Υ 21 11:08	Υ 24 03:46	Υ 26 16:09	Υ 28 17:55
Υ 28 20:51	Υ 6 04:24	Υ 17 17:28	Aug. -12429j	Υ 16							

with clock times in UT/GMT. The year -12425 astronomical counting style corresponds to year 12426 B.C.E historical counting style.

Dec. -12425j	June -12424j	Jan. -12423j	July -12423j	Jan. -12422j	Aug. -12422j	Feb. -12421j	Aug. -12421j	March -12420j	Sept. -12420j	March -12419j	Oct. -12419j
12 07:59	22 16:09	2 02:59	14 13:23	24 02:30	1 09:36	10 22:05	23 10:27	1 20:24	11 09:23	23 21:42	1 08:25
14 07:37	24 16:42	4 05:05	16 17:19	26 07:15	3 11:42	13 00:39	25 13:30	3 23:01	13 12:10	25 23:35	3 10:28
16 09:28	26 20:29	6 10:29	19 00:08	28 14:15	5 15:16	15 04:22	27 17:38	6 01:56	15 14:59	28 01:32	5 11:31
18 14:59	29 04:08	8 19:05	21 09:19	30 23:25	7 20:39	17 09:47	29 23:23	8 05:50	17 18:41	30 05:03	7 13:08
21 00:25		11 05:56	23 20:17		10 04:02	19 17:23		10 11:32	20 00:26		9 17:11
23 12:31	July -12424j	13 18:03	26 08:39	Feb. -12422j	12 13:39	22 03:27	Sept. -12421j	12 19:47	22 09:15	Apr. -12419j	12 00:59
26 01:25	1 14:53	16 06:42	28 21:40	2 10:39	15 01:25	24 15:32	1 07:18	15 06:43	24 20:59	1 11:36	14 12:24
28 13:45	4 03:12	18 18:51	31 09:36	4 23:25	17 14:25	27 04:09	3 17:42	17 19:14	27 09:49	3 21:47	16 17:19
31 00:40	6 15:54	21 04:54		7 12:12	20 02:35		6 05:59	20 07:01	29 20:59	6 10:26	19 13:05
	9 04:09	23 11:21	Aug. -12423j	9 22:45	22 11:45	March -12421j	8 18:19	22 16:00		8 22:53	21 22:17
Jan. -12424j	11 15:01	25 13:54	2 18:19	12 05:29	24 16:56	1 15:06	11 04:27	Oct. -12420j	11 08:55	11 08:55	24 05:01
2 09:27	13 23:07	27 13:44	4 22:47	14 08:23	26 18:50	3 22:45	13 11:03	2 04:52	13 15:56	13 15:56	26 10:02
4 15:22	16 03:32	29 12:52	6 23:41	16 08:46	28 19:00	6 02:54	15 14:19	4 09:35	15 20:43	15 20:43	28 13:55
6 18:11	18 04:31	31 13:31	8 22:52	18 08:34	30 19:18	8 04:32	17 15:37	6 12:25	18 00:18	18 00:18	30 16:57
8 18:35	20 03:37		10 22:32	20 09:35		10 05:13	19 16:39	8 14:48	20 03:26		
10 18:09	22 03:02	Feb. -12423j	13 00:34	22 13:08	Sept. -12422j	12 06:33	21 18:53	10 17:42	22 06:27	Nov. -12419j	
12 18:59	24 04:59	2 17:23	15 06:03	24 19:46	1 21:19	14 09:47	23 23:15	12 21:31	24 09:42	1 19:28	
14 23:00	26 10:59	5 01:01	17 14:57	27 05:16	4 02:04	16 15:34	26 05:56	4 12:35	26 14:00	3 22:17	
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19 18:49	31 09:20	9 23:59	22 14:52	March -12422j	8 20:08	21 10:28		9 03:47	19 17:44	8 10:02	
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with clock times in UT/GMT. The year -12418 astronomical counting style corresponds to year 12419 B.C.E historical counting style.

Apr. -12418j	Oct. -12418j	May -12417j	Nov. -12417j	May -12416j	Dec. -12416j	June -12415j	Dec. -12415j	July -12414j	Jan. -12413j	July -12413j	Feb. -12412j
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		19 16:40	30 03:44	5 12:10	22 05:55	29 14:41	6 20:18	17 09:53	28 22:37	4 05:49	19 22:31
		21 20:50		7 13:31	24 13:22		8 23:22	19 13:10		6 09:01	22 00:15
		24 04:24	May -12416j	9 17:12	26 23:01	Dec. -12415j	11 01:34	21 17:14	July -12413j	8 11:15	24 04:02
		26 14:46	2 09:24	11 23:45	29 10:31	1 20:19	13 09:27	23 22:38	1 01:32	10 13:22	26 11:11

with clock times in UT/GMT. The year -12412 astronomical counting style corresponds to year 12413 B.C.E historical counting style.

Aug. -12412j	Feb. -12411j	Sept. -12411j	March -12410j	Sept. -12410j	Apr. -12409j	Oct. -12409j	Apr. -12408j	Nov. -12408j	May -12407j	Nov. -12407j	June -12406j
14 03:02	23 15:20	3 01:47	15 13:30	25 01:45	2 08:50	12 21:21	23 06:29	2 17:15	15 01:22	24 12:34	1 20:37
16 05:46	25 17:31	5 04:00	17 14:39	27 02:03	4 10:47	14 21:58	25 05:50	4 16:34	17 01:04	26 12:51	3 21:21
18 08:57	27 20:26	7 05:53	19 15:49	29 02:57	6 10:41	16 21:13	27 05:11	6 16:40	19 02:23	28 15:09	5 21:34
20 13:34		9 08:37	21 18:38		8 10:22	18 21:16	29 06:34	8 19:15	21 06:40	30 20:34	7 23:03
22 20:34	March -12411j	11 13:37	24 00:41	Oct. -12410j	10 12:00	21 00:11		11 01:20	23 14:19		10 03:04
25 06:28	2 01:13	13 21:59	26 10:35		12 17:20	23 07:06	May -12408j	13 10:50	26 00:53	Dec. -12407j	12 10:01
27 18:35	4 08:49	16 09:32	28 23:07		15 02:48	25 17:39	1 11:28	15 22:42	28 13:17	3 05:12	14 19:30
30 06:58	6 19:26	18 22:22	31 11:49		17 15:04	28 06:07	3 20:06	18 11:36	31 02:21	5 16:19	17 06:47
	9 07:51	21 09:53			20 03:50	30 18:39	6 07:30	21 00:14		8 04:49	19 19:14
Sept. -12412j	11 19:48	23 18:30	Apr. -12410j	11 02:18	22 15:25		8 20:08	23 11:26	June -12407j	10 17:36	22 07:55
1 17:17	14 05:18	26 00:14	2 22:28	13 12:14	25 01:16	Nov. -12409j	11 08:45	25 20:01	2 14:49	13 05:24	24 19:15
4 00:22	16 11:43	28 04:06	5 06:27	15 19:57	27 09:16	2 06:07	13 20:23	28 01:16	5 01:17	15 14:51	27 03:27
6 04:28	18 15:41	30 07:11	7 12:15	18 01:53	29 15:08	4 15:58	16 06:01	30 03:24	7 08:31	17 20:50	29 07:39
8 06:45	20 18:22		9 16:34	20 06:18		6 23:39	18 12:37		9 12:06	19 23:18	
10 08:35	22 20:51	Oct. -12411j	11 19:54	22 09:14	May -12409j	9 04:38	20 15:54	Dec. -12408j	11 12:46	21 23:17	July -12406j
12 11:11	24 23:54	2 10:11	13 22:29	24 11:06	1 18:39	11 06:57	22 16:37	2 03:32	13 12:06	23 22:36	1 08:27
14 15:13	27 04:01	4 13:27	16 00:53	26 12:57	3 20:08	13 07:31	24 16:19	4 03:20	15 12:02	25 23:19	3 07:38
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21 14:43		11 06:54	22 18:57		10 02:41	19 15:50	31 03:29	10 17:27	22 06:52		9 15:40
24 02:34	Apr. -12411j	13 17:49	25 07:01	Nov. -12410j	12 10:55	22 01:09		13 04:58	24 19:24	Jan. -12406j	12 01:11
26 15:11	3 03:35	16 06:36	27 19:51	2 09:18	14 22:26	24 13:08	June -12408j	15 17:54	27 08:29	1 22:08	14 12:55
29 02:28	5 15:50	18 18:39	30 06:44	4 21:55	17 11:09	27 01:40	2 14:08	18 06:22	29 20:38	4 10:51	17 01:30
	8 04:15	21 03:38		7 10:14	19 22:42	29 12:57	5 02:43	20 17:08		6 23:34	19 14:04
Oct. -12412j	10 14:23	23 08:57	May -12410j	9 20:08	22 08:01		7 15:15	23 01:38	July -12407j	9 11:16	22 01:47
1 10:29	12 20:51	25 11:38	2 14:21	12 03:11	24 15:08	Dec. -12409j	10 02:23	25 07:41	2 07:04	11 21:10	24 11:20
3 14:39	15 00:01	27 13:22	4 19:09	14 08:04	26 20:30	1 22:08	12 11:30	27 11:18	4 15:12	14 04:26	26 17:23
5 15:59	17 01:22	29 15:34	6 22:24	16 11:44	29 00:25	4 05:10	14 18:20	29 12:58	6 20:33	16 08:30	28 19:40
7 16:14	19 02:40	31 19:01	9 01:14	18 14:47	31 03:10	6 10:11	16 22:51	31 13:41	8 23:03	18 09:39	30 19:16
9 17:18	21 05:17		11 04:17	20 17:38		8 13:26	19 01:20		10 23:28	20 09:14	
11 20:36	23 09:51	Nov. -12411j	13 07:51	22 20:48	June -12409j	10 15:30	21 02:33	Jan. -12407j	12 23:20	22 09:12	Aug. -12406j
14 02:42	25 16:24	2 23:56	15 12:19	25 01:12	2 05:20	12 17:18	23 03:49	2 14:57	14 05:36	24 11:40	1 18:13
16 11:17	28 00:48	5 06:26	17 18:33	27 07:57	4 07:58	14 20:08	25 06:41	4 18:26	17 05:10	26 18:05	3 18:50
18 21:46	30 11:10	7 14:53	20 03:26	29 17:44	6 12:28	17 01:18	27 12:33	7 01:26	19 13:58	29 04:27	5 23:01
21 09:41		10 01:42	22 15:06		8 19:59	19 09:41	29 22:02	9 12:07	22 02:05	31 17:03	8 07:23
23 22:21	May -12411j	12 14:24	25 04:05	Dec. -12410j	11 06:42	21 20:57		12 00:52	24 15:12		10 18:55
26 10:24	2 23:20	15 03:00	27 15:40	2 05:58	13 19:13	24 09:26	July -12408j	14 13:18	27 03:05	Feb. -12406j	13 07:39
28 19:47	5 12:09	17 12:59	29 23:48	4 18:31	16 07:08	26 20:52	2 10:13	16 23:37	29 12:52	3 05:44	15 20:05
31 01:10	7 23:20	19 18:54		7 04:57	18 16:32	29 05:47	4 22:52	19 07:25	31 20:37	5 17:06	18 07:27
	10 06:50	21 21:18	June -12410j	9 12:05	20 22:59	31 11:55	7 09:49	21 13:06		8 02:42	20 17:12
Nov. -12412j	12 10:14	23 21:51	1 04:18	11 16:15	23 03:07		9 18:07	23 17:11	Aug. -12407j	10 10:18	23 00:30
2 02:49	14 10:49	25 22:30	3 06:25	13 18:38	25 06:00	Jan. -12408j	12 00:01	25 20:05	3 02:31	12 15:32	25 04:39
4 02:19	16 10:38	28 00:44	5 07:47	15 20:33	27 08:35	4 18:50	14 04:14	27 22:13	5 06:32	14 18:15	27 05:55
6 01:49	18 11:42	30 05:19	7 09:49	17 22:59	29 11:33	6 21:24	16 07:28	30 00:25	7 08:46	16 19:05	29 05:39
8 03:24	20 15:22		9 13:18	20 02:40		8 10:21	18 10:13		9 09:54	18 19:29	31 05:52
10 08:23	22 21:57	Dec. -12411j	11 18:33	22 08:04	July -12409j	9 00:21	20 12:59	Feb. -12407j	11 11:25	20 21:24	
12 16:49	25 06:59	2 12:18	14 01:45	24 15:37	1 15:31	11 04:21	22 16:38	3 03:58	13 15:10	23 02:38	Sept. -12406j
15 03:43	27 17:50	4 21:28	16 11:08	27 01:36	3 21:05	13 10:05	24 22:16	5 10:17	15 22:36	25 11:53	2 08:38
17 15:55	30 06:04	7 08:38	18 18:24	29 13:39	6 04:52	15 18:16	27 06:52	8 08:32	18 09:48	28 00:00	4 15:20
20 04:35		9 21:20	21 11:45		8 15:10	18 05:02	29 18:25	10 21:06	20 22:47		7 01:49
22 16:50	June -12411j	12 10:16	24 00:04	Jan. -12409j	11 03:25	20 17:27		13 03:58	23 10:47	March -12406j	9 14:23
25 03:13	1 18:58	14 21:15	26 09:29	1 02:23	13 15:49	23 05:22	Aug. -12408j	15 14:34	25 20:09	2 12:39	12 02:49
27 10:12	4 06:59	17 04:31	28 14:52	3 13:38	16 02:04	25 14:39	1 07:13	17 19:16	28 02:57	4 23:48	14 13:46
29 13:14	6 15:59	19 07:45	30 16:53	5 21:39	18 08:51	27 20:28	3 18:35	19 22:38	30 07:59	7 08:48	16 22:51
	8 20:48	21 08:11		8 02:02	20 12:19	29 23:28	6 02:44	21 22:38		9 15:47	19 05:57
Dec. -12412j	10 21:56	23 07:45	July -12410j	10 03:43	22 13:45		8 07:39	22 01:35	Sept. -12407j	11 21:03	21 10:57
1 13:17	12 21:10	25 08:22	2 17:07	12 04:14	24 14:48	Feb. -12408j	10 10:32	24 04:37	1 11:59	14 00:41	23 13:50
3 12:17	14 20:45	27 11:30	4 17:25	14 05:16	26 16:58	1 01:05	12 12:53	26 08:01	3 15:13	16 02:55	25 15:15
5 12:28	16 22:37	29 17:49	6 19:23	16 08:08	28 21:10	3 02:51	14 15:44	28 12:28	5 17:55	18 04:35	27 16:28
7 15:45	19 03:56		9 00:00	18 13:37	31 03:41	5 05:52	16 19:34		7 20:45	20 07:03	29 19:10
9 22:57	21 12:40	Jan. -12410j	11 07:33	20 21:50		7 10:39	19 00:31	March -12407j	10 00:58	22 11:57	
12 09:31	23 23:49	2 10:39	13 17:38	23 08:22	Aug. -12409j	9 17:20	21 06:57	2 18:57	12 07:57	24 20:18	Oct. -12406j
14 21:51	26 12:16	3 14:43	16 05:35	25 20:33	2 12:21	12 01:59	23 15:32	5 04:21	14 18:17	27 07:47	2 00:49
17 10:31	29 01:03	6 03:33	18 18:31	28 09:22	4 22:55	14 12:43	26 02:39	7 16:27	17 06:56	29 20:23	4 10:04
20 22:33		8 16:29	21 07:08	30 21:16	7 11:01	17 01:05	28 15:28	10 05:17	19 19:17		6 22:00
22 09:06	July -12411j	11 04:00	23 17:43		9 23:40	19 13:33	31 03:35	12 16:06	22 04:58	Apr. -12406j	9 10:30
24 17:05	1 13:10	13 12:33	26 04:08	Feb. -12409j	12 11:01	21 23:46		14 23:20	24 11:22	1 07:43	11 21:27
26 21:43	3 23:08	15 17:19	28 24:05	2 06:32	14 19:07	24 06:10	Sept. -12408j	17 03:20	26 15:16	3 16:25	14 05:55
28 23:15	6 05:41	17 18:49	30 04:31	4 12:04	16 23:13	26 08:54	2 12:32	19 05:29	28 17:59	5 22:32	16 12:01
30 23:01	8 08:31	19 18:27		6 14:08	19 00:10	28 09:25	4 17:28	21 07:20	30 20:34	8 02:49	18 16:20
	10 08:39	21 18:07	Aug. -12410j	8 14:02	22 23:45		6 19:24	23 09:58		10 06:03	20 19:30
Jan. -12411j	12 07:57	23 19:40	1 03:50	10 13:40	25 00:06	March -12408j	8 20:11	25 13:52	Oct. -12407j	12 08:48	22 22:05
1 22:56	14 08:28	26 00:30	3 04:01	12 14:57	28 05:58	1 09:44	10 21:38	27 19:16	2 23:38	14 11:38	25 00:48
4 01:01	16 11:58	28 09:04	5 06:51	14 19:22	31 03:41	3 11:36	13 00:54	30 02:31	5 03:36	16 15:19	27 04:32
6 06:42	18 19:18	30 20:36	7 13:24	17 03:23		5 16:03	15 06:19		7 08:59	18 20:48	29 10:19
8 16:11	21 06:01		9 23:27	19 14:16	Feb. -12409j	7 23:09	17 13:42	Apr. -12407j	9 16:30	21 04:58	31 18:55
11 04:12	23 18:35	Feb. -12410j	12 11:46	22 02:43	3 17:43	10 08:28	19 22:58	1 12:07	12 02:39	23 15:57	
13 16:52	26 07:18	2 09:33	15 00:45	24 15:32	5 05:29	12 19:31	22 10:10	4 00:05	14 14:59	26 04:30	Nov. -12406j
16 04:37	28 18:58	4 22:20	17 13:11	27 03:38	7 11:01	15 07:56	22 25:55	6 13:08	17 03:38	28 16:21	3 06:12
18 14:41	3										

with clock times in UT/GMT. The year -12406 astronomical counting style corresponds to year 12407 B.C.E historical counting style.

Dec. -12406j	June -12405j	Jan. -12404j	July -12404j	Jan. -12403j	Aug. -12403j	Feb. -12402j	Aug. -12402j	March -12401j	Sept. -12401j
12 07:59	23 17:24	1 03:10	12 14:11	22 03:29	1 11:53	11 01:29	23 14:40	2 22:32	12 12:03
14 08:44	25 18:47	3 05:32	14 17:22	24 06:51	3 16:26	13 05:17	25 17:52	5 02:54	14 15:35
16 09:39	27 21:06	5 07:48	16 20:28	26 09:31	5 19:35	15 07:25	27 19:25	7 04:53	16 16:32
18 12:16	30 01:07	7 10:50	18 23:45	28 12:05	7 21:47	17 08:49	29 20:24	9 05:23	18 16:15
20 17:19		9 14:56	21 03:37	30 15:31	9 23:59	19 10:46	31 22:18	11 05:54	20 16:40
23 00:46	July -12405j	11 20:22	23 08:51		12 03:29	21 14:44		13 08:14	22 19:49
25 10:14	2 06:53	14 03:40	25 16:32	Feb. -12403j	14 09:39	23 21:49	Sept. -12402j	15 13:57	25 03:05
27 21:24	4 14:22	16 13:27	28 03:13	1 21:03	16 19:07	26 08:11	3 02:45	17 23:35	27 14:14
30 09:50	6 23:46	19 01:35	30 15:59	4 05:38	19 07:08	28 20:33	5 10:48	20 12:03	30 03:13
	9 11:17	21 14:28		6 17:05	21 19:34		7 22:11	23 00:55	
Jan. -12405j	12 00:12	24 01:27	Aug. -12404j	9 05:43	24 06:10	March -12402j	10 11:03	25 12:13	Oct. -12401j
1 22:17	14 12:22	26 08:44	2 04:22	11 17:03	26 13:52	3 08:41	12 22:55	27 21:10	2 15:43
4 08:44	16 21:19	28 12:20	4 13:54	14 01:29	28 18:56	5 18:45	15 08:20	30 03:56	5 02:23
6 15:27	19 02:03	30 13:42	6 19:44	16 06:54	30 22:17	8 02:07	17 15:10		7 11:02
8 18:14	21 03:25		8 22:43	18 10:11		10 07:10	19 20:03	Apr. -12401j	9 17:46
10 18:22	23 03:22	Feb. -12404j	11 00:23	20 12:32	Sept. -12403j	12 10:40	21 23:41	1 08:51	11 22:30
12 17:57	25 03:57	1 14:35	13 02:11	22 14:54	2 00:56	14 13:24	24 02:34	3 12:09	14 01:11
14 19:01	27 06:44	3 16:31	15 05:06	24 18:02	4 03:41	16 16:02	26 05:08	5 14:11	16 02:21
16 23:00	29 12:19	5 20:19	17 09:35	26 22:30	6 07:10	18 19:14	28 08:06	7 15:44	18 03:20
19 06:16	31 20:24	8 02:15	19 15:55		8 11:58	20 23:50	30 12:37	9 18:11	20 05:59
21 16:09		10 10:19	22 00:22	March -12403j	10 18:41	23 06:44		11 23:09	22 12:00
24 03:42	Aug. -12405j	12 20:32	24 11:08	11 04:54	13 03:52	25 16:28	Oct. -12402j	14 07:45	24 21:59
26 16:11	3 06:30	15 08:42	26 23:43	13 13:44	15 15:24	28 04:31	2 19:55	16 19:37	27 10:35
29 04:46	5 18:13	17 21:44	29 12:32	15 00:58	18 03:58	30 16:57	5 06:28	19 08:32	29 23:08
31 16:00	8 07:06	20 09:32	31 23:13	17 13:35	20 15:21		7 19:08	21 19:50	
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Feb. -12405j	13 06:10	24 22:25	Sept. -12404j	13 10:44	25 04:20	Apr. -12402j	12 16:51	26 10:03	1 09:37
3 00:07	15 12:29	26 23:43	14 06:08	15 16:23	27 06:27	2 03:22	14 22:59	28 14:16	3 17:32
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7 04:56	19 14:26		18 10:12	19 20:05		6 14:33	18 16:51		8 03:54
9 04:06	21 13:41	March -12404j	20 11:33	21 21:06	Oct. -12403j	8 16:51	20 05:16	May -12401j	10 07:18
11 03:54	23 14:34	2 00:02	22 00:23	23 23:29	1 09:13	10 18:50	21 07:57	2 20:43	12 09:50
13 06:18	25 18:32	4 02:27	23 13:54	26 04:07	3 12:37	12 21:36	23 11:18	4 23:39	14 12:11
15 12:22	28 01:59	6 07:46	25 12:29	28 11:16	5 18:12	15 01:43	25 15:33	6 03:09	16 15:32
17 21:52	30 12:19	8 16:01	28 06:38	30 20:46	8 01:55	17 07:23	27 21:03	8 08:22	18 21:21
20 09:35		10 24:33	30 17:56		10 11:36	19 14:52	30 04:34	11 16:29	20 06:32
22 22:10	Sept. -12405j	13 15:06	31 23:13	Apr. -12403j	12 23:03	22 00:32	Nov. -12402j	14 03:45	22 18:33
25 10:37	1 00:25	16 04:08	29 12:32	2 08:11	15 11:39	24 12:22	1 14:45	16 16:40	24 26:13
27 21:57	4 13:19	18 16:20	31 23:13	4 20:46	17 23:46	27 01:06	4 03:11	19 04:27	26 07:13
	7 01:57	21 01:58		7 09:11	20 09:15	29 12:24	6 15:52	21 13:02	28 17:59
March -12405j	9 12:58	23 07:54	Oct. -12404j	9 19:31	22 14:48	May -12402j	9 02:05	23 18:14	Dec. -12401j
2 06:58	11 20:51	25 10:15	2 20:11	12 02:21	24 16:46	1 20:09	11 08:27	25 21:13	1 01:41
4 12:35	14 00:57	27 10:16	4 21:32	14 05:27	26 16:42	4 00:02	13 11:27	27 23:28	3 06:41
6 14:47	16 01:52	29 09:46	6 21:03	16 05:54	28 16:42	6 01:16	15 12:44	30 02:04	5 10:01
8 14:44	18 01:13	31 10:38	8 20:40	18 05:32	30 18:38	8 01:46	17 14:03		7 12:42
10 14:18	20 01:01		10 20:06	20 06:19		10 03:21	19 16:40	June -12401j	9 15:26
12 15:34	22 03:10	Apr. -12404j	22 09:51	22 09:51	Nov. -12403j	12 07:07	21 21:08	1 05:32	11 18:45
14 20:06	24 08:56	2 14:26	24 16:49	24 16:49	1 23:36	14 13:18	24 03:31	3 10:09	13 23:15
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18 19:50	28 06:33	7 08:35	28 14:34	28 14:34	6 17:57	19 07:43	28 22:14	8 00:46	17 14:53
20 04:25		9 21:10	30 12:48		9 05:43	21 19:33		10 11:49	19 02:33
22 16:41	Oct. -12405j	12 10:08	31 23:13	May -12403j	11 18:19	24 08:26	Dec. -12402j	13 00:39	21 15:17
24 27:03	1 19:31	14 22:12	25 13:13	2 03:11	14 06:47	26 20:35	1 10:37	15 13:06	
26 19:34	4 07:53	17 08:18	27 22:41	4 15:41	16 17:24	29 05:43	3 23:35	17 22:39	
31 18:58	6 18:38	19 15:33	30 05:03	7 02:52	19 00:28	31 10:36	6 10:47	20 04:18	
	9 03:00	21 19:36		9 11:13	21 03:30		8 18:14	22 06:44	
Apr. -12405j	11 08:32	23 20:54	Nov. -12404j	11 15:48	23 03:31	June -12402j	10 21:40	24 07:35	
2 22:40	13 11:17	25 20:43	1 08:00	13 16:56	25 02:33	2 11:51	12 22:25	26 08:35	
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