

Jan. -3200j	July -3200j	Jan. -3199j	Aug. -3199j	Feb. -3198j	Aug. -3198j	March -3197j	Sept. -3197j	March -3196j	Oct. -3196j	Apr. -3195j	Oct. -3195j
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May -3194j	Nov. -3194j	May -3193j	Dec. -3193j	June -3192j	Dec. -3192j	July -3191j	Jan. -3190j	July -3190j	Feb. -3189j	Aug. -3189j	Feb. -3188j
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17 01:17	31 11:48	8 20:44	22 07:39		9 01:58	20 16:04		8 10:50	22 02:22		9 21:39
19 01:20		10 20:45	24 12:33	Nov. -3173j	11 03:39	22 21:52	June -3171j	10 13:42	24 07:42	Jan. -3169j	12 00:43
21 02:21	Apr. -3174j	12 23:48	26 21:20	1 19:11	13 08:16	25 06:19	2 04:51	12 18:37	26 14:59	1 16:22	14 04:20
23 06:08	2 13:22	15 07:03	29 08:52	4 01:58	15 15:57		4 11:19	15 01:47	29 00:24	3 21:44	16 09:18
25 13:50	4 18:28	17 18:00		6 11:51	18 02:10		6 20:15	17 11:05		6 04:53	18 16:43
28 01:08	7 03:43	20 06:46	May -3173j	8 23:37	20 14:10	Dec. -3172j	9 07:23	19 22:18	July -3170j	8 14:22	20 31:11
30 14:07	9 15:59	22 19:23	1 21:29	11 12:12	23 03:08	2 18:23	11 20:00	22 10:48	1 11:54	11 02:13	23 15:49
	12 05:02	25 06:54	4 09:59	14 00:49	25 15:47	5 06:33	14 08:47	24 23:09	4 00:31	13 14:57	26 04:12
Oct. -3175j	14 16:57	17 02:58	6 21:33	16 12:20	28 02:25	7 15:56	16 19:49	27 09:19	6 12:13	16 02:04	28 13:46
3 02:28	17 02:58	19 10:54	9 07:14	18 21:15	30 09:26	9 21:27					



with clock times in UT/GMT. The year -3169 astronomical counting style corresponds to year 3170 B.C.E historical counting style.

Sept. -3169j	March -3168j	Sept. -3168j	Apr. -3167j	Oct. -3167j	Apr. -3166j	Nov. -3166j	May -3165j	Nov. -3165j	June -3164j	Dec. -3164j	June -3163j
2 10:03	13 22:48	12 10:27	2 21:02	13 09:12	24 22:13	2 08:25	14 20:41	24 08:22	2 17:44	13 04:36	24 13:12
4 12:01	16 01:31	25 13:57	4 23:38	15 12:16	27 00:57	4 10:51	16 21:55	26 08:42	4 17:41	15 04:07	26 12:53
6 16:12	18 06:06	27 19:04	7 03:18	17 16:06	29 04:21	6 12:56	18 23:16	28 09:59	6 17:47	17 04:40	28 14:30
8 22:43	20 12:50	30 02:11	9 08:33	19 21:20		8 15:54	21 02:30	30 14:11	8 20:03	19 08:03	30 19:28
11 07:26	22 21:50		11 15:52	22 04:46	May -3166j	10 21:18	23 09:10		11 01:56	21 15:15	
13 18:12	25 09:02	Oct. -3168j	14 01:35	24 14:54	1 09:28	13 06:17	25 19:38	Dec. -3165j	13 11:37	24 01:56	July -3163j
16 06:43	27 21:45	2 11:36	16 13:21	27 03:12	3 17:21	15 18:23	28 08:20	2 22:23	15 23:46	26 14:30	3 04:13
18 19:50	30 10:19	4 23:14	19 01:50	29 15:37	6 04:18	18 07:17	30 20:37	5 09:59	18 12:19	29 03:05	5 15:52
21 07:28		7 12:00	21 12:50		8 17:00	20 18:14		7 22:45	20 23:43	31 14:24	8 04:49
23 15:34	Apr. -3168j	9 23:52	23 20:39	Nov. -3167j	11 04:55	23 02:01	June -3165j	10 10:25	23 09:19		10 17:26
25 19:32	1 20:34	12 08:45	26 00:57	1 01:43	13 13:52	25 07:05	2 06:38	12 19:55	25 16:50	Jan. -3163j	13 04:34
27 20:21	4 03:09	14 13:53	28 02:44	3 08:12	15 19:29	27 10:39	4 14:03	15 03:19	27 22:07	2 23:45	15 13:25
29 19:52	6 06:09	16 15:55	30 03:37	5 11:31	17 22:44	29 13:46	6 19:29	17 08:58	30 01:12	5 06:47	17 19:27
	8 06:49	18 16:23		7 13:10	20 01:03		8 23:37	19 13:04		7 11:17	19 22:37
Oct. -3169j	10 06:54	20 17:04	May -3167j	9 14:48	22 03:37	Dec. -3166j	11 02:47	21 15:46	July -3164j	9 13:34	21 23:37
1 20:05	12 08:07	22 19:30	2 05:14	11 17:39	24 07:02	1 16:55	13 05:19	23 17:42	10 02:41	11 14:32	23 23:45
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6 04:18	16 18:23	27 08:25	6 14:36	16 04:38	28 17:30	6 00:34	17 11:43	28 00:13	6 06:08	15 18:18	28 04:19
8 13:09	19 03:53	29 18:34	8 22:45	18 12:47	31 01:34	8 06:28	19 18:09	30 07:34	8 11:11	18 00:08	30 11:40
11 00:25	21 15:31		11 08:52	20 22:56		10 15:06	22 03:56		10 19:45	20 09:37	
13 13:07	24 04:18	Nov. -3168j	13 20:38	23 11:02	June -3166j	13 02:40	24 16:14	Jan. -3164j	13 07:15	22 21:46	Aug. -3163j
16 02:10	26 16:59	1 06:23	16 09:14	25 23:52	2 12:15	15 15:38	27 04:44	1 18:13	15 19:47	25 10:25	1 22:39
18 14:11	29 04:02	3 19:07	18 21:01	28 11:03	5 00:53	18 03:16	29 15:01	4 06:44	18 07:11	27 21:31	4 11:31
20 23:38		6 07:30	21 05:59	30 18:31	7 13:19	20 11:28		6 18:41	20 16:14	30 06:08	7 00:01
23 05:25	May -3168j	8 17:46	23 11:01		9 22:59	22 16:08	July -3165j	9 04:12	22 22:51		9 10:37
25 07:38	1 11:59	11 00:25	25 12:37	Dec. -3167j	12 04:44	24 18:28	1 22:09	11 10:54	25 03:31	Feb. -3163j	11 18:54
27 07:29	3 16:16	13 03:13	27 12:25	2 21:56	14 07:17	26 20:07	4 02:38	13 15:23	27 06:51	1 12:22	14 01:04
29 06:48	5 17:27	15 03:16	29 12:31	4 22:37	16 08:20	28 22:21	6 05:37	15 18:33	29 09:26	3 16:46	16 05:20
31 07:34	7 17:01	17 02:30	31 14:43	6 22:36	18 09:38	31 01:52	8 08:10	17 21:15	31 11:59	5 19:55	18 07:58
	9 16:51	19 03:03		8 23:52	20 12:25		10 10:58	20 00:06		7 22:21	20 09:33
Nov. -3169j	11 18:52	21 06:38	June -3167j	11 03:40	22 17:11	Jan. -3165j	12 14:32	22 03:45	Aug. -3164j	10 00:46	22 11:10
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4 19:15	16 09:36	26 00:27	5 04:30	15 19:10	27 08:42	4 13:53	17 02:29	26 16:29	4 20:37	14 09:37	16 20:34
7 06:24	18 21:27	28 12:40	7 15:07	18 05:51	29 19:33	6 23:01	19 12:09	29 02:41	7 04:35	16 18:12	20 06:31
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12 08:13	23 22:55	Dec. -3168j	12 15:44	23 06:55	July -3166j	11 23:25	24 12:54		12 03:54	21 18:26	
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17 05:43	28 19:02	3 13:47	17 14:05	28 03:56	4 21:02	16 21:05	29 07:40	17 00:53	17 00:53	26 14:07	3 07:43
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21 16:56		8 09:02	21 23:07		9 14:36	21 04:34		20 10:16	20 10:16		8 01:34
23 18:25	June -3168j	10 13:37	23 22:55	Jan. -3166j	11 17:30	23 05:01	Aug. -3165j	9 23:59	23 12:31	March -3163j	10 06:46
25 18:23	2 03:30	12 14:45	25 22:01	1 09:46	13 17:55	25 05:34	2 13:50	12 01:48	12 14:50	2 22:43	12 10:41
27 18:35	4 03:43	14 13:54	27 22:40	3 09:01	15 17:49	27 07:44	4 14:55	14 03:11	14 03:11	5 01:17	14 13:58
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Dec. -3169j	10 07:58	20 20:40	July -3167j	9 16:02	22 05:29	Feb. -3165j	11 01:32	20 15:41	20 15:41	11 12:06	20 33:52
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23 04:16	July -3168j	9 00:24	23 08:53	Feb. -3166j	12 04:19	23 15:44	Sept. -3165j	10 11:16	10 11:16	Apr. -3163j	9 17:04
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27 07:28	3 13:40	13 00:26	27 11:04	3 20:05	16 06:11	28 01:21	3 00:18	14 11:59	14 11:59	3 09:38	13 22:25
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	9 23:59	19 13:41	Aug. -3167j	8 07:04	22 08:01	March -3165j	9 15:12	20 06:04	20 06:04	10 01:11	20 14:21
Jan. -3168j	12 10:38	22 01:19	1 03:10	10 17:44	25 20:50	2 11:15	12 01:56	23 16:59	23 16:59	Oct. -3164j	22 23:33
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5 22:21	17 11:45	27 02:06	6 03:55	15 19:05	30 21:18	7 12:26	17 02:58	28 17:51	28 17:51	17 10:01	28 00:22
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13 00:13	24 12:49		13 10:19	23 00:27	2 06:33	14 20:11	24 08:17			12 10:09	
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17 08:27	28 20:42	3 03:11	17 18:32	27 06:16	6 15:16	18 17:38	28 11:35	4 20:15	4 20:15	16 16:20	1 20:14
19 11:22	30 22:32	5 07:21	19 19:15		8 15:36	20 12:12	30 10:39	6 21:55	6 21:55	18 16:33	4 00:30
21 13:56		7 09:27	21 19:33	March -3166j	10 15:12	23 01:47		8 21:22	8 21:22	20 16:52	6 02:06
23 17:02	Aug. -3168j	9 10:24	23 21:18	1 06:23	12 15:58	25 03:16	Oct. -3165j	10 20:45	10 20:45	22 08:24	8 02:51
25 22:01	2 00:07	11 11:47	25 02:08	3 06:47	14 19:38	27 08:16	2 10:47	12 22:10	12 22:10	24 14:10	10 04:23
27 06:09	4 03:06	13 15:21	27 10:45	5 09:13	16 03:55	29 17:19	4 13:56	15 03:04	15 03:04	26 16:20	12 07:45
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Feb. -3168j	11 07:06	20 21:30	Sept. -3167j	12 12:52	22 03:15	1 05:24	11 20:19	22 11:13	22 11:13	Nov. -3164j	18 42:53
2 06:25	13 19:35	23 09:33	2 10:58	15 01:41	24 15:55	3 18:29	14 09:05	24 23:52	24 23:52	1 16:40	26 20:06
4 18:01	16 05:59	25 19:35	4 22:37	17 13:17	27 03:04	6 06:52	16 21:05	27 11:51	27 11:51	4 14:38	29 05:39
7 02:32	18 13:37	28 03:12	7 08:19	19 22:47	30 21:18	8 17:38	19 07:40	29 21:58	29 21:58	6 02:33	
9 07:55	20 19:00	</									

Jan. -3162j	July -3162j	Jan. -3161j	Aug. -3161j	Feb. -3160j	Aug. -3160j	March -3159j	Sept. -3159j	March -3158j	Oct. -3158j	Apr. -3157j	Oct. -3157j
2 00:31	14 08:51	23 19:31	1 04:04	10 15:03	22 00:05	1 10:24	10 21:14	23 10:34	2 22:46	14 11:51	25 00:27
3 23:53	16 08:20	25 19:31	3 04:15	12 15:23	24 01:27	3 12:33	13 00:05	25 13:26	5 01:41	16 14:18	27 02:14
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12 18:54	25 09:20	Feb. -3161j	11 17:46	21 08:33		12 03:45	21 16:19		13 17:50	25 06:20	Nov. -3157j
15 07:19	27 22:00	1 13:22	14 03:34	23 18:18	Sept. -3160j	14 11:46	24 00:51	Apr. -3158j	16 03:33	27 16:57	2 10:21
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25 00:10	Oct. -3162j	11 17:50	22 07:28		7 20:34	22 15:31		9 03:54	23 23:37	1 04:05	10 15:55
27 03:08	2 09:27	13 22:40	24 11:06	May -3160j	10 03:54	24 17:56	Dec. -3159j	11 10:29	25 23:12	3 07:21	12 18:31
29 05:23	4 13:12	16 01:07	26 12:15	2 19:39	12 07:47	26 17:58	2 03:43	13 13:08	27 23:16	5 08:15	14 19:38
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Apr. -3162j	10 18:20	22 05:27		8 22:07	18 08:12		8 03:16	19 13:21	Jan. -3157j	11 14:21	20 04:03
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12 06:02	22 18:52	May -3161j	8 22:47	20 13:15	30 04:12	9 06:02	19 21:11		11 02:45	23 17:12	
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25 11:30	Nov. -3162j	13 07:16	22 20:05	June -3160j	15 20:20	23 04:14		10 23:10	24 09:30	1 18:49	11 05:47
27 15:03	2 21:34	15 09:29	24 21:50	1 05:20	18 12:12	25 04:02	Jan. -3158j	12 23:54	26 10:07	3 18:24	13 05:39
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May -3162j	9 08:31	21 20:32		7 09:50	27 05:59		6 14:57	19 01:01		10 02:19	19 16:14
2 03:11	11 16:18	24 05:17	Dec. -3161j	9 13:41	30 01:47	July -3159j	8 18:53	21 07:10	Feb. -3157j	12 10:54	22 01:37
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12 00:32	21 12:53		8 19:09	19 08:41	5 02:10	9 01:05	18 15:44	31 05:43	9 21:11	22 11:35	
14 07:18	23 18:55	June -3161j	11 05:54	21 18:38	9 09:59	11 12:09	21 02:42		12 07:54	24 21:14	March -3156j
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18 12:56	28 00:44	5 06:29	15 19:05	26 07:12	15 20:20	16 04:31	25 18:57	16 19:53	18 08:07	29 05:39	5 10:38
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22 16:53		9 12:40	19 01:41	30 13:57	21 05:52	20 12:35	30 00:55	22 20:38	22 20:38		9 16:43
24 20:43	Dec. -3162j	11 15:11	22 04:35		24 00:47	22 13:47		24 20:38	24 20:38	Sept. -3157j	11 16:18
27 02:29	2 05:56	13 18:21	24 07:54	July -3160j	27 05:59	24 14:33	Feb. -3158j	26 20:38	26 20:38	2 05:02	13 15:55
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31 20:51	6 16:27	18 05:02	28 18:25	4 19:07	1 11:11	28 22:07	3 01:42	30 21:12	30 21:12	6 09:31	17 22:30
	9 00:46	20 13:41	31 03:17	6 23:10	4 19:07	31 07:28	5 04:38			8 17:03	20 07:20
June -3162j	11 11:23	22 00:47		9 05:51	7 09:59	18 18:56		19 01:01	1 14:02	11 03:55	22 19:05
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5 21:59	16 12:08	28 01:03	2 14:50	14 04:20	12 05:29	23 18:58	2 19:44	23 10:20	5 14:36	16 05:32	27 08:09
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10 16:56	21 05:07		7 14:50	19 02:52	16 15:47	28 16					

with clock times in UT/GMT. The year -3156 astronomical counting style corresponds to year 3157 B.C.E historical counting style.

May -3156j	Nov. -3156j	May -3155j	Dec. -3155j	June -3154j	Dec. -3154j	July -3153j	Jan. -3152j	July -3152j	Feb. -3151j	Aug. -3151j	Feb. -3150j
1 05:42	10 19:13	23 07:15	2 18:46	14 03:48	24 14:24	1 20:54	11 08:44	22 17:59	1 05:23	13 15:11	23 04:10
3 10:07	12 22:30	25 08:37	4 18:52	16 03:16	26 13:51	3 22:57	13 10:03	24 18:52	3 06:29	15 17:20	25 06:57
5 12:12	14 23:11	27 08:05	6 18:00	18 02:57	28 14:09	5 23:01	15 09:59	26 19:29	5 08:03	17 20:10	27 09:59
7 12:47	16 22:49	29 07:45	8 18:20	20 04:40	30 16:59	7 22:57	17 10:31	28 21:30	7 11:13	20 00:05	
9 13:25	18 23:32	31 09:42	10 21:41	22 09:42		9 10:00:30	19 13:17	31 01:55	9 16:22	22 05:15	March -3150j
11 16:01	20 23:21		12 04:54	24 18:16	Jan. -3153j	12 04:59	21 19:09		11 23:25	24 12:04	1 13:40
13 22:15	22 11:22	June -3155j	15 15:28	26 05:36	1 23:18	14 12:48	23 03:56	Aug. -3152j	12 14:08:18	26 21:11	3 18:33
16 08:28	25 22:54	2 15:24	18 03:54	28 18:23	4 09:00	16 23:23	26 14:49	2 08:50	16 19:12	29 08:50	6 01:32
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21 09:43	30 23:45	7 13:03	23 04:30	July -3154j	9 09:59	22 00:35	31 15:35	7 04:40	21 20:23		10 23:32
23 20:22		10 01:43	25 14:42	2 07:17	11 22:38	24 12:55		9 16:56	24 06:42	Sept. -3151j	13 12:15
26 04:42	Dec. -3156j	12 13:35	27 22:23	4 19:04	14 09:47	26 23:15	Feb. -3152j	12 05:42	26 13:02	3 09:45	15 22:56
28 11:05	3 09:59	14 23:59	30 03:01	7 04:31	16 18:17	29 06:17	3 03:31	14 17:02	28 15:31	5 18:10	18 06:05
30 15:50	5 18:22	17 08:20		9 10:44	18 23:24	31 09:38	5 13:03	17 00:55		7 22:36	20 09:57
	8 00:52	19 14:03	Jan. -3154j	11 13:38	21 01:19		7 18:54	19 04:38	March -3151j	10 00:12	22 11:50
June -3156j	10 05:20	21 17:01	1 04:53	13 14:07	23 01:10	Aug. -3153j	9 20:59	21 05:10	2 15:45	12 00:50	24 13:16
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12 16:38	23 06:48	July -3155j	14 10:41	27 00:41	Feb. -3153j	13 05:11	22 20:39		16 01:48	25 16:05	2 08:40
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17 17:26	28 07:29	4 20:04	19 11:03		5 16:12	18 06:35	27 21:39	3 10:57	21 03:13	30 17:42	7 06:57
20 04:09	30 17:31	7 08:39	21 20:35	Aug. -3154j	8 04:39	20 18:44	March -3152j	5 23:19	23 14:26		9 19:49
22 11:59		9 20:25	24 03:51	1 00:48	10 15:28	23 05:22	1 09:35	8 12:06	25 22:10	Oct. -3151j	12 07:18
24 17:25	Jan. -3155j	12 06:14	26 08:57	3 10:03	13 00:11	25 13:38	3 19:50	11 00:05	28 01:48	3 03:31	14 15:32
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	6 10:42	18 23:16		9 23:28	19 11:24	31 20:27	10 07:25	17 16:24	Apr. -3151j	9 11:08	20 21:46
July -3156j	8 13:46	21 01:31	Feb. -3154j	12 00:18	21 11:35		12 06:35	19 15:39	1 01:41	11 10:54	22 22:26
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3 06:20	12 19:02	25 05:42	3 18:01	16 03:43	25 15:41	2 19:56	16 09:23	23 16:02	5 04:40	15 16:38	27 06:18
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12 12:51	22 03:28	Aug. -3155j	13 07:04	25 20:35	2 09:59	12 00:02	23 15:08		14 20:28	25 11:33	2 01:15
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24 04:31		10 20:57	24 17:40	1 22:19	14 11:57	24 01:25	Apr. -3152j	10 15:53	26 12:35	1 18:29	14 05:44
26 06:28	Feb. -3155j	13 01:28	26 20:28	4 02:56	16 16:24	26 05:06	2 09:23	12 22:52	28 12:27	3 22:08	16 08:04
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Aug. -3156j	9 01:27	21 13:55	3 02:56	12 13:51	25 01:26	Oct. -3153j	10 17:02	21 02:37	2 13:32	12 00:22	24 12:31
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Sept. -3156j	12 20:40	22 10:23	3 23:55	14 12:39	26 02:10	Nov. -3153j	12 09:48	21 21:54	3 10:06	13 23:15	25 13:12
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Oct. -3156j	9 02:15	19 16:47	1 06:44	10 20:39	22 10:11	Dec. -3153j	8 18:53	19 07:44	July -3151j	10 07:45	22 20:24
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7 11:11	16 13:39	27 04:14	8 18:58								



Sept. -3150j	March -3149j	Sept. -3149j	Apr. -3148j	Oct. -3148j	Apr. -3147j	Nov. -3147j	May -3146j	Nov. -3146j	June -3145j	Dec. -3145j	June -3144j
2 12:42	15 02:32	24 15:06	3 00:16	13 13:03	25 01:35	2 10:21	14 21:58	24 08:58	1 11:52	12 00:11	22 10:25
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23 01:19	Apr. -3149j	10 04:11	23 06:40		10 10:10	22 13:18	June -3146j	9 17:30	21 08:02	31 23:33	7 13:31
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Oct. -3150j	11 08:49	21 20:32	May -3148j	9 18:33	22 07:56	Dec. -3147j	11 05:37	21 18:15	July -3145j	8 08:46	19 20:13
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with clock times in UT/GMT. The year -3143 astronomical counting style corresponds to year 3144 B.C.E historical counting style.

Jan. -3143j	July -3143j	Jan. -3142j	Aug. -3142j	Feb. -3141j	Aug. -3141j	March -3140j	Sept. -3140j	March -3139j	Oct. -3139j	Apr. -3138j	Oct. -3138j
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24 23:53	Dec. -3143j	11 19:20	24 10:04	1 16:41	11 05:36	22 14:50		9 07:17	22 20:40	Sept. -3138j	12 16:00
27 01:46	2 10:29	13 21:43	26 10:20	3 18:59	13 06:28	24 14:20		11 09:32	24 21:02	2 05:35	14 17:07
29 04:13	4 12:28	15 22:47	28 10:58	5 19:07	15 05:39	26 13:29		13 09:33	26 23:14	4 06:09	16 18:07
31 08:32	6 13:57	17 23:49	30 13:56	7 18:46	17 05:18	28 14:30		15 09:17		6 07:41	18 20:27
	8 16:16	20 02:24		9 20:01	19 07:36	30 18:59		17 10:36	March -3138j	8 11:22	20 01:02
June -3143j	10 20:51	22 08:03	Jan. -3141j	12 00:44	21 13:58			7 02:51	1 04:17	10 17:42	23 08:01
2 15:48	13 04:46	24 17:25	1 20:44	14 09:39	24 00:16	Aug. -3140j	1 06:16	9 08:40	3 12:21	13 02:33	25 17:12
5 02:12	15 15:54	27 05:36	4 07:29	16 21:41	26 12:45	2 03:20	11 17:52	11 07:52	5 22:59	15 13:29	28 04:14
7 14:30	18 04:36	29 18:21	6 20:26	19 10:36	29 01:27	4 14:30	14 05:26	13 11:33	8 11:21	18 01:51	30 16:36
10 02:30	20 16:25		9 09:01	21 22:30		7 02:57	16 18:09	15 00:21	11 00:21	20 14:36	
12 12:17	23 01:42	July -3142j	11 19:34	24 08:38	Feb. -3140j	9 15:29	19 06:56	17 01:13	13 12:34	23 02:08	Apr. -3137j

with clock times in UT/GMT. The year -3137 astronomical counting style corresponds to year 3138 B.C.E historical counting style.

May -3137j	Nov. -3137j	May -3136j	Dec. -3136j	June -3135j	Dec. -3135j	July -3134j	Jan. -3133j	July -3133j	Feb. -3132j	Aug. -3132j	Feb. -3131j
1 23:07	11 13:06	23 01:32	2 13:34	13 23:54	24 11:49	1 10:11	10 23:44	23 11:40	2 01:08	13 13:41	23 04:17
4 07:41	13 20:04	25 06:25	4 17:09	16 02:51	26 14:32	3 17:47	13 06:38	25 17:59	4 07:25	15 20:15	25 10:33
6 12:18	15 22:50	27 07:54	6 18:13	18 04:11	28 16:06	5 22:27	15 10:57	27 22:27	6 12:10	18 00:57	27 14:19
8 13:23	17 22:45	29 07:46	8 18:34	20 05:25	30 17:56	8 01:12	17 13:52	30 01:55	8 15:46	20 03:44	
10 12:34	19 21:57	31 08:02	10 19:54	22 07:47		10 03:20	19 16:32		10 18:23	22 05:08	March -3131j
12 12:03	21 22:36		12 23:21	24 12:05	Jan. -3134j	12 05:55	21 19:38	Aug. -3133j	12 20:34	24 06:26	1 15:54
14 13:56	24 02:18	June -3136j	15 05:23	26 18:41	1 21:04	14 09:38	23 23:34	1 04:55	14 23:25	26 09:25	3 16:29
16 19:31	26 09:30	2 10:19	17 13:55	28 03:39	4 02:05	16 14:54	26 04:42	3 07:47	17 04:30	28 15:43	5 17:47
19 04:46	28 19:31	4 15:26	20 00:38		6 09:12	18 22:04	28 11:46	5 11:06	19 12:58	31 01:49	7 21:37
21 16:24		6 23:23	22 13:00	July -3135j	8 18:26	20 07:28	30 21:24	7 15:56	22 00:40		10 05:08
24 04:59	Dec. -3137j	9 09:40	25 02:02	1 14:47	11 05:40	23 19:04		9 23:29	24 13:31	Sept. -3132j	12 16:05
26 17:31	1 07:17	11 21:42	27 13:55	4 03:26	13 18:09	26 07:42	Feb. -3133j	12 10:14	27 00:50	2 14:19	15 04:39
29 05:07	3 19:55	14 10:44	29 22:49	6 16:05	16 06:19	28 19:08	2 09:25	14 23:02	29 09:05	5 02:41	17 16:35
31 14:36	6 08:35	16 23:19		9 02:44	18 16:05	31 03:24	4 22:05	17 11:10		7 12:53	20 02:33
	8 19:59	19 09:32	Jan. -3135j	11 09:50	20 22:08		7 08:49	19 20:21	March -3132j	9 20:29	22 10:15
June -3137j	11 04:27	21 15:55	1 03:47	13 13:14	23 00:40	Aug. -3134j	9 15:55	22 02:04	2 14:30	12 02:04	24 15:57
2 20:46	13 08:59	23 18:27	3 05:22	15 13:59	25 01:05	2 07:53	11 19:33	24 05:20	4 18:10	14 06:18	26 19:58
4 23:20	15 10:04	25 18:26	5 05:05	17 13:50	27 01:16	4 09:35	13 21:10	26 07:40	6 21:08	16 09:37	28 22:38
6 23:16	17 09:20	27 17:47	7 04:51	19 14:36	29 03:00	6 10:14	15 22:31	28 10:15	9 00:03	18 12:19	31 00:39
8 22:31	19 08:54	29 18:29	9 06:30	21 17:48	31 07:31	8 11:38	18 00:59	30 05:15	11 03:16	20 15:04	
10 23:14	21 10:48		11 11:17	24 00:12		10 15:01	20 05:15	31 07:19	13 07:19	22 18:54	Apr. -3131j
13 03:16	23 16:20	July -3136j	13 19:34	26 09:38	Feb. -3134j	12 20:50	22 11:20	15 13:06	15 13:06	25 01:06	2 03:04
15 11:17	26 01:34	1 22:03	16 06:40	28 21:13	2 15:01	15 04:52	24 19:13	17 21:31	17 21:31	27 10:29	4 07:11
17 22:30	28 13:21	4 05:10	18 19:19	31 09:56	5 00:58	17 14:46	27 05:05	20 08:46	20 08:46	29 22:30	6 14:09
19 11:06	31 02:07	6 15:25	21 08:16		7 12:32	20 02:22		22 21:33	22 21:33		9 00:15
22 23:30		9 03:42	23 20:16	Aug. -3135j	10 01:01	22 15:05	March -3133j	25 09:23	8 18:21	25 09:23	11 12:27
25 10:44	Jan. -3136j	11 16:43	26 06:04	2 22:41	12 13:27	25 03:22	1 16:59	27 18:08	11 07:01	27 18:08	14 00:36
27 20:12	2 14:32	14 05:13	28 12:40	5 10:07	15 00:15	27 12:56	4 05:51	29 23:24	13 19:45	29 23:24	16 10:39
30 03:12	5 01:42	16 15:54	30 15:50	7 18:43	17 07:46	29 18:25	6 17:27		16 05:52		18 17:50
	7 10:40	18 23:37		9 23:36	19 11:20	31 20:07	9 01:35	Apr. -3132j	18 11:59	9 10:01	20 22:30
July -3137j	9 16:38	21 03:51	Feb. -3135j	12 01:03	21 11:48		11 05:36	10 02:07	20 14:43	11 12:53	23 01:34
2 07:18	11 19:31	23 05:07	1 16:20	14 00:29	23 10:59	Sept. -3134j	13 06:39	12 04:31	22 15:41	13 15:09	25 04:03
4 08:49	13 20:09	25 04:49	3 15:45	15 23:53	25 11:05	2 19:45	15 06:40	13 06:39	24 16:43	15 17:45	27 06:44
6 09:00	15 20:07	27 04:45	5 16:01	18 01:19	27 14:00	4 19:30	17 07:37	15 06:40	26 19:09	17 21:21	29 10:19
8 09:41	17 21:14	29 06:47	7 19:03	20 06:23		6 21:19	19 10:50	17 07:37	9 13:22	20 02:26	
10 12:42	20 01:13		9 12:00	22 15:21	March -3134j	9 02:20	21 16:48	19 10:50	11 20:03	22 09:29	May -3131j
12 19:21	22 08:59	Aug. -3136j	12 12:40	25 03:09	2 12:41	11 10:30	24 01:13	22 16:48	14 05:03	24 18:55	1 15:26
15 05:36	24 20:05	2 21:45	15 01:28	27 16:01	4 06:39	13 20:58	26 11:39	25 09:23	16 16:19	27 06:37	3 22:43
17 17:58	27 08:49	5 09:56	17 14:22	30 04:37	6 18:34	16 08:51	28 23:42	27 09:05	19 05:04	29 19:21	6 08:30
19 20:620	29 21:09	7 22:57	20 02:03		9 07:10	18 21:33	31 12:37	29 21:09	21 17:24		8 20:24
22 17:10		9 10:11	22 11:50	Sept. -3135j	11 19:32	20 10:08		22 03:11	24 03:11	Nov. -3132j	11 08:49
25 01:57	Feb. -3136j	10 11:07	24 19:17	1 16:06	14 06:45	23 20:55	Apr. -3133j	26 09:14	26 09:14	3 15:25	13 19:29
27 08:36	1 07:47	12 21:27	27 00:01	4 01:37	16 15:29	26 04:06	3 00:50	28 11:55	28 11:55	5 20:13	16 02:54
29 13:13	3 16:12	15 05:30		6 08:11	18 20:40	28 07:09	5 10:12	30 12:37	30 12:37	7 22:10	18 06:59
31 16:05	5 22:20	17 11:01	March -3135j	8 11:22	20 22:20	30 07:06	7 15:31		18 01:41	9 22:49	20 08:52
	8 02:19	19 14:03	1 02:07	10 11:46	22 21:48		9 17:10	May -3132j	20 02:18	11 23:53	22 10:05
Aug. -3137j	10 04:36	21 15:12	3 02:28	12 11:00	24 21:09	Oct. -3134j	11 16:49	22 01:58	22 01:58	13 04:43	24 12:09
2 17:51	12 05:58	23 15:41	5 02:38	14 11:14	26 22:34	2 06:00	13 16:29	24 02:35	4 14:43	15 02:45	26 15:59
4 19:36	14 07:40	25 17:10	7 04:36	16 14:34	28 03:41	4 06:09	15 18:05	26 05:37	6 18:49	16 08:08	28 21:57
6 22:45	16 11:11	27 21:22	9 10:04	18 22:09	30 12:45	6 09:22	17 22:48	28 11:44	9 01:46	18 16:05	31 06:01
9 04:37	18 17:47	30 05:26	11 19:38	21 09:25		8 16:25	20 06:49	30 20:49	11 11:23	21 02:11	
11 13:51	21 03:52		14 08:05	23 22:20	Apr. -3134j	11 02:45	22 17:29		13 23:01	23 13:58	June -3131j
14 01:43	23 16:17	Sept. -3136j	16 20:59	26 10:48	3 00:33	13 14:54	25 05:48	Nov. -3133j	16 11:47	26 02:40	2 16:04
16 14:11	26 04:44	1 16:59	19 08:22	28 21:49	5 13:13	16 03:37	27 18:42	2 08:09	19 00:23	28 14:55	5 03:52
19 01:05	28 15:07	4 05:59	21 17:34		8 01:24	18 15:59	30 06:59	4 20:53	21 11:07		7 16:29
21 09:16		6 18:01	24 00:44	Oct. -3135j	10 10:23	20 10:08		7 09:55	23 18:33	Dec. -3132j	10 04:02
23 14:52	March -3136j	9 03:43	26 06:01	1 07:07	12 21:28	23 11:32	May -3133j	9 21:47	25 22:15	1 00:48	12 12:27
25 18:41	1 22:45	11 11:03	28 09:28	3 14:24	15 03:50	25 16:27	2 17:09	12 06:49	27 23:04	3 06:56	14 16:57
27 21:36	4 04:00	13 16:29	30 11:20	5 19:12	17 07:06	27 18:01	4 23:55	14 12:04	29 22:35	5 09:18	16 18:17
30 00:21	6 07:44	15 20:28		7 21:25	19 07:52	29 17:37	7 03:03	16 13:49	31 22:45	7 09:13	18 18:13
	8 10:40	17 23:14	Apr. -3135j	9 21:53	21 07:41	31 17:14	9 03:29	18 13:27		9 08:39	20 18:46
Sept. -3137j	10 13:22	20 01:13	1 12:31	11 22:17	23 08:35		11 02:57	20 12:51	June -3132j	11 09:41	22 21:36
1 03:31	12 16:22	22 03:26	3 14:35	14 00:40	25 12:24	Nov. -3134j	13 03:24	22 13:59	3 01:21	13 13:51	25 03:26
3 07:45	14 20:30	24 07:21	5 19:16	16 06:45	27 20:09	2 18:56	15 06:32	24 18:24	5 07:29	15 21:37	27 12:01
5 13:53	17 02:52	26 14:24	8 03:45	18 16:51	30 07:14	5 00:12	17 13:17	27 02:41	7 17:06	18 15:03	29 22:37
7 22:36	19 12:14	29 01:03	10 15:31	21 05:26		7 09:21	19 23:30	29 14:06	10 05:04	20 20:23	
10 09:56	22 00:15		13 04:23	23 17:57	May -3134j	9 21:15	22 11:52		12 17:55	23 09:04	July -3131j
12 22:33	24 12:54	Oct. -3136j	15 15:45	26 04:39	2 19:48	12 10:03	25 00:45	Dec. -3133j	15 06:27	25 21:25	2 10:33
15 10:02	26 23:36	1 13:53	18 00:28	28 13:09	5 07:53	14 22:09	27 12:44	2 03:03	17 17:34	28 08:14	4 23:14
17 18:27	29 06:57	4 02:09	20 06:46	30 19:48	7 18:24	17 08:42	29 22:52	4 15:56	20 02:13	30 16:02	7 11:23
19 23:23	31 11:16	6 11:40	22 11:26		10 02:58	19 17:09		7 03:39	22 07:32		9 21:07
22 01:52		8 18:08	24 15:03	Nov. -3135j	12 09:26	21 23:05	June -3133j	9 13:15	24 09:33	Jan. -3131j	12 02:58
24 03:30	Apr. -3136j	10 22:26	26 17:54	2 00:50	14 13:40	24 02:26	1 06:24	11 20:02	26 09:22	3 20:00	14 04:55
26 05:42	2 13:50	13 01:48	28 20:25	4 04:17	16 15:54	26 03:46	3 11:01	13 23:40	28 08:48	5 19:39	16 04:27
28 09:20	4 16:04	15 04:57	30 23:28	6 06:26	18 17:04	28 04:21	5 13:01	16 00:41	30 09:56	7 19:14	18 03:44
30 14:41	6 18:56	17 08:12		8 08:12	20 18:34	30 05:51	7 13:27	18 00:22		9 21:33	20 04:55
	8 22:52	19 11:49	May -3135j	10 11:02	22 22:03		9 13:51	20 00:36	July -3132j	9 21:33	22 09:28
Oct. -3137j	11 04:05	21 16:34	3 04:23	12 16:31	25 04:47	Dec. -3134j	13 21:20	22 03:20	2 14:32	12 03:53	24 17:38
2 21:47	13 11:02	23 23:33	5 12:22	15 01:32	27 14:56	2 09:54	15 06:32	24 09:59	4 23:16	14 14:01	27 04:28
5 06:48	15 20:20	26 09:35	7 23:32	17 13:25	30 03:11	4 17:34	17 13:17	26 20:36	7 11:06	17 02:21	29 16:40
7 17:54	18 08:05	28 22:07	10 12:17								

with clock times in UT/GMT. The year -3131 astronomical counting style corresponds to year 3132 B.C.E historical counting style.

Sept. -3131j	March -3130j	Sept. -3130j	Apr. -3129j	Oct. -3129j	Apr. -3128j	Nov. -3128j	May -3127j	Nov. -3127j	June -3126j	Dec. -3126j	June -3125j
2 09:42	15 00:34	12 13:55	1 08:34	11 22:45	22 12:52	2 02:30	14 14:52	24 02:44	3 07:00	13 19:37	25 07:26
4 17:50	17 07:33	26 19:27	3 19:18	14 08:40	24 21:34	4 09:33	16 20:05	26 06:46	5 13:27	16 01:34	27 13:06
6 22:59	19 11:14	28 21:39	6 03:01	16 15:02	27 02:15	6 12:30	18 22:00	28 08:27	7 17:08	18 05:14	29 16:54
9 01:11	21 12:17	30 21:38	8 07:10	18 17:36	29 03:28	8 12:44	20 22:25	30 09:33	9 19:19	20 07:47	
11 01:28	23 12:08		10 10:16	20 17:29		10 12:21	22 23:13		11 21:17	22 10:13	July -3125j
13 01:36	25 12:34	Oct. -3130j	12 07:43	22 16:36	May -3128j	12 13:27	25 01:49	Dec. -3127j	13 23:57	24 13:18	1 19:42
15 03:30	27 15:22	2 21:09	14 07:28	24 17:07	1 02:51	14 17:22	27 06:51	2 11:31	16 03:56	26 17:37	3 22:19
17 08:45	29 21:45	4 22:08	16 09:27	26 20:53	3 02:37	17 00:24	29 14:16	4 15:11	18 09:41	28 23:40	6 01:25
19 17:48		7 02:18	18 15:07	29 04:37	5 04:41	19 09:55	31 23:49	6 20:49	20 17:40	31 07:57	8 05:41
22 05:40	Apr. -3130j	9 10:26	21 00:43	31 15:33	7 10:14	21 21:08		9 04:31	23 04:06		10 11:51
24 18:19	1 07:48	11 21:55	23 12:58		9 19:09	24 09:31	June -3127j	11 14:22	25 16:28	Jan. -3125j	12 20:34
27 05:56	3 20:14	14 10:54	26 02:01	Nov. -3129j	12 06:22	26 22:21	II 3 11:18	14 02:16	28 05:11	2 18:38	15 07:49
29 15:40	6 09:03	16 23:32	28 14:21	II 3 04:04	14 18:44	29 10:05	II 6 00:11	16 15:16	30 15:56	5 07:00	17 20:21
	8 20:37	19 10:40		II 5 16:45	17 07:24		II 8 12:57	19 03:23		7 19:14	20 07:53
Oct. -3131j	11 06:06	II 21 19:43	May -3129j	II 8 04:47	19 19:22	Dec. -3128j	10 23:23	21 12:25	July -3126j	10 05:07	22 16:29
1 23:17	13 13:13	24 02:21	1 01:05	10 15:18	22 05:11	1 18:44	13 05:52	23 17:26	2 23:12	12 11:28	24 21:39
4 04:47	15 17:55	26 06:22	3 09:33	12 23:12	24 11:26	3 23:13	15 08:26	25 19:08	5 02:54	14 14:33	27 00:14
6 08:19	17 20:31	28 08:03	5 15:11	15 03:38	26 13:51	6 00:07	17 08:30	27 19:10	7 04:10	16 15:42	29 01:46
8 10:21	19 21:46	30 08:26	7 17:52	17 04:47	28 13:35	7 23:15	19 08:05	29 19:24	9 04:40	18 16:36	31 03:43
10 11:49	21 22:51		9 18:18	19 04:05	30 12:38	9 22:51	21 09:04	31 21:26	11 05:59	20 18:46	
12 14:06	24 01:18	Nov. -3130j	11 18:00	21 03:38	June -3128j	12 00:53	23 12:49		13 09:21	22 23:10	Aug. -3125j
14 18:39	26 06:35	1 09:06	13 19:01	23 05:40	1 13:15	14 06:31	25 19:47	Jan. -3126j	15 15:23	25 06:02	2 07:05
17 02:30	28 15:30	3 11:58	15 23:12	25 11:43	3 17:13	16 15:37	28 05:36	3 02:19	18 00:05	27 15:08	4 12:17
19 13:32		5 18:32	18 07:34	27 21:50	5 01:09	19 03:07	30 17:27	5 10:14	20 10:59	30 02:05	6 19:23
22 02:10	May -3130j	8 05:03	20 19:21	30 10:19	8 12:10	21 15:42	II 21 15:42	7 20:42	22 23:25		9 04:28
24 13:57	1 03:25	10 17:54	23 08:23	Dec. -3129j	11 00:40	24 04:23	26 16:09	10 08:55	25 12:16	Feb. -3125j	11 15:34
26 23:18	3 16:13	13 06:33	25 20:30	II 2 23:03	13 13:15	26 01:42	29 01:42	12 21:54	27 23:54	1 14:22	14 04:09
29 05:54	6 03:38	15 17:12	28 06:45	II 5 10:43	16 01:03	31 07:51	30 06:23	15 10:16	30 08:34	4 02:54	16 16:25
31 10:25	8 12:28	18 01:28	30 15:01	II 7 20:53	18 11:11		8 06:23	17 20:25		6 13:49	19 02:07
	10 18:50	20 07:46		II 9 05:09	20 18:38	Jan. -3127j	10 14:19	20 03:04	Aug. -3126j	8 21:25	21 07:49
Nov. -3131j	12 23:20	22 12:27	June -3129j	12 10:57	22 22:42	2 10:28	12 18:26	22 06:02	1 13:25	11 01:08	23 09:58
2 13:43	15 02:37	24 15:41	1 21:14	14 13:57	24 23:47	4 10:35	14 19:24	24 06:20	3 14:54	13 01:51	25 10:12
4 16:35	17 05:11	26 17:45	4 01:16	16 14:43	26 23:23	6 10:02	16 18:49	26 05:43	5 14:33	15 01:25	27 10:32
6 19:33	19 07:35	28 19:29	6 03:14	18 14:47	28 23:30	8 10:49	18 18:39	28 06:06	7 14:17	17 01:54	29 12:44
8 23:10	21 10:44	30 22:20	8 04:00	20 16:11	July -3128j	10 14:41	20 20:43	30 09:15	9 16:00	19 05:01	31 17:43
11 04:15	23 15:51		10 05:10	22 08:36	1 02:09	12 22:23	22 02:17		11 21:04	21 11:30	
13 11:42	26 00:00	Dec. -3130j	12 08:36	25 05:30	3 08:36	15 09:23	25 11:31	Feb. -3126j	14 05:43	23 21:01	Sept. -3125j
15 22:02	28 11:17	3 03:58	14 15:46	27 17:20	5 18:45	17 22:02	27 23:26	16 17:02	16 17:02	26 08:27	3 01:23
18 10:27	31 00:05	5 13:21	17 02:42	30 06:05	8 07:04	20 10:37	30 12:25	4 02:31	19 05:40	28 20:51	5 11:09
20 22:45		8 01:43	19 15:30	Jan. -3128j	10 22:57	22 10:37		6 15:01	21 18:28		7 22:31
23 08:31	June -3130j	10 14:31	22 03:37	II 1 17:38	13 09:36	25 07:18	Aug. -3127j	9 04:01	24 06:24	March -3125j	10 11:04
25 14:45	2 11:43	13 01:12	24 13:28	II 4 03:10	15 16:42	27 14:08	2 01:02	11 16:13	26 16:14	3 09:24	12 23:48
27 18:04	4 20:21	15 08:51	26 20:57	II 6 10:43	18 00:15	29 18:16	4 12:08	14 02:40	28 22:49	5 20:56	15 10:44
29 19:58	7 01:52	17 14:03	29 02:37	II 8 16:26	20 05:20	31 20:05	6 20:50	16 10:29	31 01:44	8 05:54	17 17:58
	9 05:19	19 17:53		II 10 20:22	22 08:02		9 02:31	18 15:10		10 11:05	19 20:59
Dec. -3131j	11 07:59	21 21:11	July -3129j	12 22:43	24 09:06	Feb. -3127j	11 05:12	20 16:54	Sept. -3126j	12 12:38	21 20:59
1 21:58	13 10:49	24 00:17	1 06:52	15 00:16	26 09:57	2 20:42	13 05:45	22 16:48	2 01:51	14 12:00	23 20:05
4 01:07	15 14:13	26 03:28	3 09:56	17 02:25	28 12:18	4 21:37	15 05:38	24 16:35	4 00:54	16 11:19	25 20:29
6 05:47	17 18:31	28 07:25	5 12:08	19 06:44	30 17:38	7 00:32	17 06:42	26 18:17	6 01:05	18 12:46	27 23:55
8 12:00	20 00:18	30 13:17	7 14:24	21 14:24	Aug. -3128j	9 06:48	19 10:41	28 23:34	8 04:24	20 17:50	30 06:57
10 20:01	22 08:25		9 18:08	24 01:39	2 02:36	11 16:42	21 18:35		10 11:54	23 02:45	
13 06:12	24 19:19	Jan. -3129j	12 00:46	27 01:39	4 14:22	14 05:04	24 05:59	March -3126j	12 22:58	25 14:17	Oct. -3125j
15 18:25	27 08:04	3 12:08	14 10:53	30 11:01	7 02:56	16 17:41	26 18:59	3 08:57	15 11:46	28 02:52	2 16:56
18 07:11	29 20:16	4 09:56	16 23:21	II 29 01:39	9 14:13	19 04:41	29 07:25	5 21:16	18 00:28	30 15:18	5 04:42
20 17:59		6 22:51	19 11:41	II 31 11:01	11 23:14	23 13:17	31 17:57	8 10:18	20 12:06		7 17:18
23 00:56	July -3130j	9 10:07	22 04:37	Feb. -3128j	14 05:56	25 23:59	Sept. -3127j	10 22:13	22 22:08	Apr. -3125j	10 05:59
25 04:02	2 05:26	11 17:57	24 04:37	II 2 17:44	16 10:43	28 02:59	3 02:18	13 08:16	25 05:53	2 02:50	12 17:32
27 04:45	4 10:48	13 22:30	26 09:13	II 4 22:23	18 14:05		5 08:28	15 16:13	27 10:39	4 12:28	15 02:18
29 05:07	6 13:18	16 01:03	28 12:30	II 6 10:43	20 16:33	March -3127j	7 12:35	20 01:15	29 12:25	6 19:05	17 07:08
31 06:54	8 14:39	18 03:04	30 15:18	II 8 17:01	22 18:53	2 05:08	9 14:53	22 02:34		8 22:13	19 08:22
	10 16:26	20 05:37		II 10 20:22	24 22:04	4 07:14	11 16:04	24 03:02	Oct. -3126j	10 22:34	21 07:34
Jan. -3130j	12 19:37	22 09:15	Aug. -3129j	12 00:46	26 09:57	6 10:27	13 17:26	26 04:24	1 12:15	12 21:55	23 06:55
2 11:07	15 00:33	24 14:16	1 18:11	15 00:16	28 12:18	8 16:05	15 20:39	28 08:33	3 12:03	14 22:24	25 08:33
4 17:51	17 07:14	26 21:05	3 21:40	17 02:25	30 17:38	11 01:01	18 03:14	30 16:40	5 14:00	17 01:58	27 13:52
7 02:42	19 15:56	28 29:04	6 02:28	19 06:44	2 02:36	13 12:49	20 13:38		7 19:50	19 09:33	30 22:59
9 13:19	22 02:52	31 17:49	8 09:28	21 14:24	4 14:22	16 01:31	23 02:26	Apr. -3126j	10 05:49	20 20:31	
12 01:32	24 15:35		10 19:16	24 01:39	7 02:56	18 12:37	25 14:56	2 04:18	12 18:22	24 09:04	Nov. -3125j
14 14:28	27 04:21	Feb. -3129j	13 07:25	27 01:39	9 14:13	20 20:45	28 02:59	4 17:14	15 07:05	26 21:25	1 10:44
17 02:15	29 14:36	3 06:46	15 20:03	30 11:01	11 23:14	23 13:17		7 05:03	17 18:21	28 08:34	3 23:28
19 10:38	31 20:50	5 18:45	18 06:45	II 29 01:39	14 05:56	25 23:59	3 02:18	9 14:34	20 03:45		6 11:55
21 14:45		8 03:35	20 14:03	II 31 11:01	16 10:43		5 08:28	10 22:13	22 11:21	May -3125j	8 23:13
23 15:31	Aug. -3130j	10 08:33	22 18:08	II 2 17:44	18 14:05	2 05:08	7 12:35	13 08:16	24 16:58	1 17:59	11 08:27
25 14:52	2 23:20	12 10:33	24 20:07	II 4 22:23	20 16:33	4 07:14	9 14:53	15 16:13	26 20:24	4 01:10	13 14:46
27 14:58	4 23:44	14 11:13	26 21:31	II 6 10:43	22 18:53	6 10:27	11 16:04	20 01:15	28 21:57	6 05:37	15 17:54
29 17:32	6 23:58	16 12:11	28 23:37	II 8 17:01	24 22:04	8 16:05	13 17:26	22 02:34	30 16:40	8 07:32	17 18:35
31 23:24	9 01:44	18 18:47	31 03:17	II 10 20:22	26 29:04	11 01:01	15 20:39	24 03:02		10 07:59	19 18:26
	11 05:59	20 19:43		II 12 00:46	28 12:18	13 12:49	18 03:14	26 04:24	Oct. -3126j	12 08:42	21 19:19
Feb. -3130j	13 12:56	22 03:11	Sept. -3129j	15 20:03	30 17:38	16 01:31	20 13:38	28 08:33	1 12:15	14 11:31	23 23:02
3 08:19	15 22:16	25 13:02	1 08:59	18 06:45	2 02:36	18 12:37	23 02:26	30 16:40	3 12:03	16 17:50	26 06:34
5 19:24	18 09:35	28 00:52	4 16:53	20 14:03							

with clock times in UT/GMT. The year -3124 astronomical counting style corresponds to year 3125 B.C.E historical counting style.

Jan. -3124j	July -3124j	Jan. -3123j	Aug. -3123j	Feb. -3122j	Aug. -3122j	March -3121j	Sept. -3121j	March -3120j	Oct. -3120j	Apr. -3119j	Oct. -3119j
2 12:57	14 01:38	23 15:36	2 19:29	12 10:15	25 00:26	1 16:25	11 07:11	22 22:24	2 12:21	14 02:18	24 15:32
4 20:46	16 09:00	25 22:51	5 04:44	14 19:30	27 09:04	4 04:50	13 19:11	25 09:27	4 22:22	16 11:06	26 22:48
7 02:10	18 14:23	28 04:17	7 11:59	17 02:15	29 14:16	6 15:21	16 04:27	27 17:16	7 04:42	18 15:59	29 02:09
9 05:59	20 18:17	30 07:59	9 16:54	19 05:59	31 16:06	8 22:37	18 09:54	29 21:21	9 07:17	20 17:33	31 02:57
11 09:01	22 21:03		11 19:21	21 07:06		11 02:11	20 11:49	31 22:22	11 07:22	22 17:25	
13 11:47	24 23:12	Feb. -3123j	13 20:04	23 06:58	Sept. -3122j	13 02:50	22 11:32		13 06:52	24 17:36	Nov. -3119j
15 14:51	27 01:35	2 10:09	15 20:34	25 07:35	2 15:49	15 02:14	24 10:58	Apr. -3120j	15 07:47	26 19:55	2 03:14
17 18:58	29 05:32	3 11:30	17 22:52	27 10:54	4 15:25	17 02:23	26 12:04	2 21:52	17 11:43	29 01:21	4 04:51
20 01:08	31 12:27	5 13:28	20 04:41		6 16:59	19 05:04	28 16:20	4 21:46	19 19:13		6 08:55
22 10:12		7 17:46	22 14:32	March -3122j	8 22:04	21 11:24		6 23:54	22 05:40	May -3119j	8 15:36
24 21:59	Aug. -3124j	10 01:44	25 03:01	1 18:09	11 07:04	23 21:19	Oct. -3121j	9 05:32	24 17:47	1 09:47	11 00:24
27 10:40	2 22:50	12 13:13	27 15:34	4 05:01	13 18:50	26 09:35	1 00:23	11 14:49	27 06:29	3 20:26	13 10:56
29 21:40	5 11:30	15 02:10	30 02:20	6 17:37	16 07:30	28 22:30	3 11:33	14 02:43	29 18:51	6 08:28	15 22:59
	7 23:50	17 13:51		9 05:51	18 19:32	31 10:38	6 00:21	16 15:41		8 21:08	18 11:52
Feb. -3124j	10 09:34	19 22:48	Sept. -3123j	11 16:27	21 06:05		8 13:14	19 04:22	Nov. -3120j	11 09:21	20 23:48
1 05:22	12 16:10	22 05:10	1 10:50	14 01:06	23 14:40	Apr. -3121j	11 01:03	21 15:39	1 05:45	13 19:21	23 08:34
3 09:51	14 20:28	24 09:47	3 17:26	16 07:43	25 20:47	2 20:58	13 10:49	24 00:32	3 13:46	16 01:40	25 13:03
5 12:24	16 23:40	26 13:25	5 22:28	18 12:14	28 00:18	5 04:47	15 17:45	26 06:12	5 18:01	18 04:03	27 13:59
7 14:30	19 02:40	28 16:27	8 02:01	20 14:47	30 01:43	7 09:43	17 21:33	28 08:36	7 18:55	20 03:46	29 13:17
9 17:15	21 05:53		10 04:18	22 16:08		9 12:01	19 22:41	30 08:40	9 18:01	22 02:54	
11 21:11	23 09:35	March -3123j	12 06:08	24 17:36	Oct. -3122j	11 12:36	21 22:28		11 17:31	24 03:38	Dec. -3119j
14 02:28	25 14:24	2 19:10	14 08:55	26 20:48	2 02:18	13 13:00	23 22:43	May -3120j	13 19:33	26 07:38	1 13:09
16 09:23	27 21:20	4 22:17	16 14:15	29 03:08	4 03:45	15 14:54	26 01:21	2 08:06	16 01:36	28 15:25	3 15:29
18 18:28	30 07:13	7 03:01	18 23:07	31 12:56	6 07:43	17 19:51	28 07:47	4 08:54	18 11:33	31 02:09	5 21:12
21 05:56		9 10:36	21 10:59		8 15:17	20 04:33	30 18:09	6 12:58	20 23:51		8 06:03
23 18:43	Sept. -3124j	11 21:25	23 23:39	Apr. -3122j	11 02:14	22 16:19		8 21:09	23 12:38	June -3119j	10 17:05
26 06:28	1 19:37	14 10:08	26 10:38	3 01:06	13 14:49	25 05:13	Nov. -3121j	11 08:44	26 00:45	2 14:25	13 05:23
28 14:53	4 08:23	16 22:11	28 18:47	5 13:24	16 02:53	27 17:06	2 06:55	13 21:45	28 11:36	5 03:05	15 18:10
	6 18:44	19 07:22		7 23:55	18 12:55	30 02:51	4 19:47	16 10:16	30 20:27	7 15:17	18 06:23
March -3124j	9 01:20	21 13:17	Oct. -3123j	10 07:55	20 20:35		7 07:07	18 21:15		10 01:57	20 16:20
1 19:22	11 04:46	23 16:50	1 00:21	12 13:37	23 02:11	May -3121j	9 16:22	21 06:16	Dec. -3120j	12 09:39	22 22:35
3 21:00	13 06:34	25 19:20	3 04:16	14 17:37	25 06:08	2 10:14	11 23:31	23 12:56	3 02:25	14 13:38	25 00:57
5 21:41	15 08:23	27 21:48	5 07:22	16 20:32	27 08:56	4 15:27	14 04:33	25 16:55	5 05:06	16 14:24	27 00:42
7 23:09	17 11:14	30 00:53	7 10:14	18 22:59	29 11:11	6 18:53	16 07:30	27 18:27	7 05:18	18 13:36	28 23:53
10 02:33	19 15:32		9 13:22	21 01:45	31 13:47	8 20:59	18 08:51	29 18:36	9 04:46	20 13:24	31 00:36
12 08:13	21 21:25	Apr. -3123j	11 17:26	23 05:49		10 22:35	20 09:44	31 19:07	11 05:42	22 15:52	
14 15:56	24 05:08	1 05:01	13 23:23	25 12:10	Nov. -3122j	13 00:51	22 11:51		13 10:01	24 22:13	Jan. -3118j
17 01:36	26 15:08	3 10:45	16 07:59	27 21:24	2 17:52	15 05:14	24 16:58	June -3120j	15 18:35	27 08:15	2 04:30
19 13:08	29 03:23	5 18:45	18 19:18	30 09:04	5 00:39	17 12:54	27 02:03	2 22:03	18 06:23	29 20:28	4 12:12
22 01:58		8 05:24	21 07:59		7 10:37	19 23:56	29 14:17	5 04:52	20 19:12		6 23:01
24 14:20	Oct. -3124j	10 17:58	23 19:40	May -3122j	9 22:55	22 12:42		7 15:36	23 07:09	July -3119j	9 11:31
26 23:56	1 16:27	13 06:25	26 04:22	2 21:30	12 11:17	25 00:40	Dec. -3121j	10 04:26	25 17:26	2 09:07	12 00:15
29 05:24	4 03:52	15 16:24	28 09:40	5 08:24	14 21:27	27 10:02	2 03:14	12 16:52	28 01:55	4 21:02	14 12:11
31 07:13	6 11:31	17 22:45	30 12:23	7 16:20	17 04:28	29 16:33	4 14:26	15 03:25	30 08:23	7 07:30	16 22:19
	8 15:13	20 01:53		9 21:14	19 08:50	31 20:59	6 22:57	17 11:50		9 15:46	19 05:40
Apr. -3124j	2 07:05	12 16:27	Nov. -3123j	12 00:03	21 11:44		9 05:12	19 18:22	Jan. -3119j	11 21:09	21 09:47
4 07:05	14 17:39	14 04:18	1 13:57	14 02:04	23 14:21	June -3121j	11 09:56	21 23:06	1 12:31	13 23:35	23 11:08
6 08:59	16 21:01	16 06:26	3 15:45	16 04:26	25 17:26	3 00:19	13 13:37	24 02:03	3 14:28	15 23:59	25 11:04
8 13:46	19 02:59	18 20:29	5 18:49	18 07:57	27 21:24	5 03:13	15 16:28	26 03:39	5 15:13	18 00:05	27 11:24
10 21:30	21 11:25	20 04:18	7 23:45	20 13:05	30 02:36	7 06:06	17 18:52	28 05:01	7 16:25	20 01:48	29 13:56
13 07:39	23 22:01	22 01:11	10 06:46	22 20:11		9 09:30	19 21:47	30 07:51	9 19:59	22 06:46	31 20:01
15 19:30	26 10:21	24 04:18	12 15:57	25 05:29	Dec. -3122j	11 14:19	22 02:42		12 03:12	24 15:33	
18 08:22	28 23:28	26 06:26	15 03:12	27 16:54	2 09:40	13 21:38	24 10:54	July -3120j	14 13:59	27 03:17	Feb. -3118j
20 20:58	31 11:38	28 10:29	17 15:48	30 05:27	4 19:12	16 08:03	26 22:25	2 13:48	17 02:35	29 15:54	3 05:49
23 07:31		30 04:08	20 04:08		7 07:08	18 20:39	29 11:22	4 23:32	19 14:36		5 18:05
25 14:26	Nov. -3124j	22 14:04	22 14:04	June -3122j	9 19:52	21 08:59	31 22:55	7 11:56	22 00:33	Aug. -3119j	8 06:51
27 17:28	2 20:49	24 20:17	24 20:17	1 17:03	12 06:41	23 18:35		10 00:27	24 08:11	2 03:36	10 18:25
29 17:43	5 01:59	26 22:55	26 22:55	4 01:42	14 14:09	26 00:39	Dec. -3120j	12 10:54	26 13:53	3 13:27	13 03:59
	7 03:35	28 23:19	28 23:19	6 06:38	16 17:53	29 17:06	2 03:19	14 18:40	28 18:01	5 21:12	15 11:14
May -3124j	9 03:14	30 23:22	30 23:22	8 08:36	18 19:24		4 14:26	17 00:16	30 20:56	8 02:49	17 16:10
1 17:05	11 02:52			10 09:14	20 20:32	July -3121j	6 16:12	19 04:28		10 06:26	19 19:03
3 17:33	13 04:20	Dec. -3123j	12 10:21	12 10:21	22 22:48	2 08:34	8 22:00	21 07:46	Feb. -3119j	12 08:28	21 20:32
5 20:45	15 08:56	1 05:53	14 13:21	14 13:21	25 02:59	4 11:49	10 05:45	23 10:29	1 23:10	14 09:54	23 21:46
8 03:28	17 17:02	3 05:10	16 18:50	16 18:50	27 09:08	6 16:12	12 16:03	25 13:13	4 01:40	16 12:06	26 00:10
10 13:24	20 04:01	5 12:31	18 02:42	18 02:42	29 17:06	8 22:00	14 18:07	27 16:57	6 05:42	18 16:31	28 05:14
13 01:29	23 16:38	7 12:31	20 04:04	20 04:04		10 05:45	16 04:29	29 11:22	8 12:27	21 00:12	
15 14:22	25 05:41	9 22:27	22 06:06	22 06:06	Jan. -3121j	12 16:01	18 17:16	31 22:55	10 22:23	23 11:05	March -3118j
18 02:50	27 17:55	11 16:39	24 09:58	24 09:58	1 02:58	16 04:29	20 03:39		13 10:34	25 23:37	2 13:50
20 13:38	30 04:02	13 21:54	26 10:35	26 10:35	3 14:45	21 08:59	25 19:30	July -3120j	15 22:49	28 11:28	5 01:30
22 21:38		15 23:47	28 09:41	28 09:41	6 03:40	23 18:35	28 07:38	8 19:59	18 09:01	30 20:59	7 14:15
25 02:15	Dec. -3124j	17 23:30	30 09:27	30 09:27	8 15:33	26 00:39	30 16:43	6 08:40	20 16:15		9 10:46
27 03:52	2 10:56	19 22:57			11 00:05	29 17:06		8 19:35	22 20:53	Sept. -3119j	12 10:44
29 03:48	4 14:18	21 00:10			13 04:25	22 22:48	Oct. -3120j	11 03:21	24 23:54	2 03:48	14 17:07
31 03:47	6 14:52	23 00:10	Jan. -3122j	1 11:56	15 05:29	25 02:59	2 08:34	13 08:09	27 02:18	4 08:28	16 21:34
	8 14:13	25 04:41	2 11:56	2 11:56	7 18:42	27 09:08	4 11:49	15 11:05		6 11:49	19 00:51
June -3124j	10 14:18	27 07:28	4 14:18	4 14:18	9 18:21	29 17:06	6 16:12	17 13:21	March -3119j	8 14:36	21 03:31
2 05:40	12 17:01	29 00:47	6 14:52	6 14:52	11 19:49	31 17:22	8 22:00	19 04:28	1 04:59	10 17:27	23 06:08
4 10:53	14 23:38	31 01:39	8 14:13	8 14:13	13 21:38		10 05:45	21 07:46	3 08:36	12 20:58	25 09:27
6 19:52	17 10:04		10 14:18	10 14:18	15 05:29	Aug. -3121j	12 11:25	23 10:29	5 13:45	15 01:58	27 14:33
9 07:45	20 04:01	July -3123j	12 17:01	12 17:01	17 13:21	2 08:34	14 18:07	25 13:13	7 20:59	17 09:20	29 22:30
11 20:39	23 16:38	1 13:36	14 23:38	14 23:38	4 11:49	4 11:4					



with clock times in UT/GMT. The year -3118 astronomical counting style corresponds to year 3119 B.C.E historical counting style.

May -3118j	Nov. -3118j	May -3117j	Dec. -3117j	June -3116j	Dec. -3116j	July -3115j	Jan. -3114j	July -3114j	Feb. -3113j	Aug. -3113j	Feb. -3112j
1 06:07	10 20:16	23 09:53	2 23:21	13 12:15	24 02:22	3 05:08	12 19:59	25 09:44	1 13:05	14 03:21	23 18:50
3 18:28	13 07:48	25 20:06	5 08:50	15 21:19	26 11:09	5 15:47	15 06:12	27 19:43	4 00:42	16 14:54	26 05:46
6 04:03	15 15:54	28 03:11	7 15:36	18 04:02	28 17:39	8 00:10	17 14:19	30 03:29	6 10:32	18 23:52	28 13:13
8 09:45	17 20:34	30 07:43	9 20:20	20 08:49	30 22:15	10 06:20	19 20:14		8 17:35	21 05:02	
10 12:19	19 23:05		11 23:49	22 12:09		12 10:28	21 23:52	Aug. -3114j	10 21:12	23 06:34	March -3112j
12 13:26	22 01:02	June -3117j	14 02:42	24 14:38	Jan. -3115j	14 12:52	24 01:28	1 08:25	12 21:53	25 05:55	1 16:41
14 14:50	24 03:35	1 10:49	16 05:32	26 17:00	2 01:25	16 14:15	26 02:03	3 10:30	14 21:13	27 05:15	3 17:06
16 17:43	26 07:17	3 13:29	18 08:58	28 20:14	4 03:40	18 15:47	28 03:16	5 10:37	16 21:21	29 06:42	5 16:18
18 22:31	28 12:19	5 16:18	20 13:54		6 05:48	20 19:02	30 06:59	7 10:32	19 00:22	31 11:47	7 16:24
21 05:15	30 19:02	7 19:48	22 21:15	July -3116j	8 08:56	23 01:27		9 12:22	21 07:27		9 19:07
23 13:58		10 00:36	25 07:25	1 01:27	10 14:20	25 11:32	Feb. -3114j	11 17:53	23 18:13	Sept. -3113j	12 01:27
26 00:48	Dec. -3118j	12 07:33	27 19:39	3 09:32	12 22:56	28 00:06	1 14:36	14 03:33	26 06:51	2 20:42	14 11:11
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June -3118j	10 16:30	22 04:57	1 18:02	13 05:40	22 18:58	1 22:59	11 12:45	24 01:24	3 06:32	12 20:34	24 11:41
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13 00:07	23 12:54	July -3117j	14 15:01	26 03:40	Feb. -3115j	15 00:44	12 21:54	1 19:54	16 07:51	25 17:18	2 03:06
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24 19:57	Jan. -3117j	12 00:39	26 16:01	2 04:36	11 18:43	26 20:55	24 08:08	12 23:32	28 02:22	2 15:09	13 05:31
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12 02:29	24 17:19	14 22:36	14 22:36	25 13:05	2 03:37	14 16:17	26 21:04	1 12:41	15 13:23	26 03:46	1 19:24
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24 05:39	Apr. -3117j	1 04:51	26 21:11	Nov. -3116j	14 12:29	26 04:27	3 06:40	13 19:42	27 08:48	2 13:16	13 23:41
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Oct. -3118j	12 02:59	22 13:02	2 22:43	12 08:48	24 19:37	2 04:13	13 14:49	24 02:51	3 11:13	13 00:22	24 13:33
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with clock times in UT/GMT. The year -3112 astronomical counting style corresponds to year 3113 B.C.E historical counting style.

Sept. -3112j	March -3111j	Sept. -3111j	Apr. -3110j	Oct. -3110j	Apr. -3109j	Nov. -3109j	May -3108j	Nov. -3108j	June -3107j	Dec. -3107j	June -3106j
1 20:44	14 11:54	24 01:34	3 03:36	13 17:13	25 07:11	2 08:43	13 22:36	23 12:11	2 13:52	13 04:19	24 18:38
4 09:02	16 23:11	26 11:39	5 15:22	16 04:19	27 17:08	4 20:30	16 09:16	25 22:14	5 01:34	15 15:58	27 06:01
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8 23:53	21 11:13	30 20:53	10 05:36	20 15:54		9 10:38	20 22:35	30 11:43	9 19:08	20 09:12	
11 01:40	23 12:21	12 07:42	12 07:42	22 17:32	May -3109j	11 14:08	23 02:37		12 00:48	22 14:26	July -3106j
13 01:23	25 12:08	Oct. -3111j	14 08:14	24 18:37	2 02:51	13 16:57	25 05:50	Dec. -3108j	14 04:31	24 17:33	1 12:06
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24 01:29	Apr. -3111j	11 10:09	25 10:29	Nov. -3110j	12 20:10	24 17:18	June -3108j	11 03:51	24 22:26	Jan. -3106j	12 08:29
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Oct. -3112j	10 18:13	21 08:38	May -3110j	10 01:02	22 15:15	Dec. -3109j	10 06:42	20 20:33	July -3107j	9 11:52	22 01:35
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11 08:43	21 12:16	31 01:26	10 05:41	19 18:25	29 23:22			30 06:10	7 13:10	18 13:33	29 15:24
13 19:18	23 20:50		12 13:03	22 02:48					9 18:41	20 16:08	31 22:42
16 08:03	26 08:31	Feb. -3110j	14 23:48	24 14:19	Sept. -3109j	12 19:19	24 21:08	Apr. -3107j	12 03:28	23 18:02	Nov. -3106j
18 20:20	28 21:15	2 11:01	17 12:19	27 03:08	1 05:32	15 06:37	26 15:07	1 13:31	14 14:30	26 05:08	3 08:17
21 05:47	31 08:27	4 23:08	20 00:24		3 15:35	17 19:35	28 15:07	4 00:04	17 02:47	28 17:38	
23 11:46		7 11:31	22 10:35	March -3109j	6 04:12	19 08:10	30 15:07	6 12:18	19 15:34		5 19:50
25 15:12	Aug. -3111j	9 22:07	24 18:26	1 15:04	8 17:08	21 19:54	23 20:48	9 00:54	22 03:53	May -3106j	8 08:45
27 17:29	2 16:48	12 06:06	27 00:10	4 00:53	13 14:07	23 20:57		11 12:59	24 14:06	1 06:34	10 21:35
29 19:50	4 22:29	14 11:45	30 04:12	6 08:19	15 21:23	25 15:18		13 23:42	26 20:40	3 18:16	13 08:17
31 22:57	7 02:25	16 15:45	31 06:59	8 13:37	18 02:27	27 17:11		16 07:45	28 23:16	6 02:52	15 15:13
	9 05:30	18 18:44		10 17:11	20 05:27	29 17:17		18 12:18	30 23:03	8 07:26	17 18:14
Feb. -3111j	11 08:20	20 21:20	Sept. -3110j	12 19:31	22 06:51	Apr. -3108j	25 21:09	22 13:00	Nov. -3107j	10 08:38	19 18:32
3 03:11	13 11:24	23 00:14	2 09:09	14 21:20	24 07:47	2 17:46	27 04:39	24 12:42	1 22:03	12 08:08	21 17:59
5 08:58	15 15:21	25 04:19	4 11:39	16 23:43	26 09:50	4 18:23	29 15:57	26 14:46	3 22:29	14 07:57	23 18:31
7 16:53	17 21:07	27 10:34	6 15:39	19 04:01	28 14:43	6 21:03	31 17:28	28 20:38	6 02:07	16 09:53	25 21:41
10 03:22	20 05:32		8 22:19	21 11:25	30 23:31	9 03:23			8 09:40	18 15:06	28 04:17
12 15:55	22 16:44	March -3110j	11 08:09	23 22:08		11 13:42	25 21:0				

with clock times in UT/GMT. The year -3105 astronomical counting style corresponds to year 3106 B.C.E historical counting style.

Jan. -3105j	July -3105j	Jan. -3104j	Aug. -3104j	Feb. -3103j	Aug. -3103j	March -3102j	Sept. -3102j	March -3101j	Oct. -3101j
1 21:15	14 11:47	24 02:56	2 04:27	11 19:39	24 10:01	1 00:00	10 13:35	23 03:58	2 17:07
4 09:48	16 23:56	26 14:58	4 17:10	14 08:33	26 22:29	3 12:10	13 02:02	25 16:24	5 05:46
6 20:48	19 10:30	29 01:15	7 05:02	16 19:46	29 08:05	6 01:06	15 14:28	28 04:15	7 17:00
9 05:39	21 18:36	31 08:27	9 14:11	19 03:22	31 13:33	8 12:33	18 00:39	30 13:28	10 01:06
11 11:52	23 23:28		11 19:20	21 06:49		10 20:38	20 07:16		12 05:54
13 15:17	26 01:11	Feb. -3104j	13 20:43	23 07:10	Sept. -3103j	13 00:55	22 10:34	Apr. -3101j	14 08:31
15 16:20	28 00:52	2 11:55	15 19:58	25 06:26	2 15:27	15 02:22	24 11:50	1 19:13	16 10:29
17 16:17	30 00:27	4 12:16	17 19:17	27 06:41	4 15:26	17 02:38	26 12:43	3 22:05	18 13:01
19 16:57		6 11:18	19 20:50		6 15:28	19 03:26	28 14:41	5 23:25	20 16:50
21 20:18	Aug. -3105j	8 11:13	22 01:58	March -3103j	8 17:17	21 06:09	30 18:44	8 00:49	22 22:08
24 03:40	1 02:03	10 14:06	24 10:45	1 09:36	10 21:53	23 11:35		10 03:34	25 05:04
26 14:51	3 07:23	12 21:07	26 22:05	3 15:56	13 05:29	25 19:51	Oct. -3102j	12 08:22	27 14:02
29 03:54	5 16:53	15 07:46	29 10:32	6 01:24	15 15:36	28 06:32	3 01:16	14 15:21	30 01:14
31 16:22	8 05:11	17 20:18	31 23:07	8 13:01	18 03:35	30 18:54	5 10:09	17 00:27	
	10 18:03	20 08:57		11 01:46	20 16:33		7 21:03	19 11:28	Nov. -3101j
Feb. -3105j	13 05:52	22 20:41	Sept. -3104j	13 14:36	23 05:16	Apr. -3102j	10 09:24	21 23:52	1 13:55
3 02:51	15 16:04	25 06:56	3 10:58	16 02:11	25 15:56	2 07:52	12 22:06	24 12:14	4 02:01
5 11:09	18 00:24	27 14:56	5 20:55	18 10:59	27 23:05	4 19:53	15 09:22	26 22:30	6 11:03
7 17:29	20 06:26	29 19:56	8 03:41	20 16:03	30 02:23	7 05:14	17 17:24	29 05:06	8 16:03
9 21:58	22 09:53		10 06:48	22 17:43		9 10:52	19 21:33		10 17:50
12 00:38	24 11:03	March -3104j	12 07:07	24 17:22	Oct. -3103j	11 13:01	21 22:32	May -3101j	12 18:14
14 02:01	26 11:15	2 21:56	14 06:25	26 16:57	2 02:48	13 12:58	23 22:06	1 07:58	14 19:13
16 03:20	28 12:24	4 21:59	16 06:52	28 18:22	4 02:07	15 12:31	25 22:15	3 08:24	16 22:14
18 06:18	30 16:28	6 21:55	18 10:18	30 23:05	6 02:18	17 13:34	28 00:48	5 08:20	19 03:46
20 12:32		8 23:49	20 17:39		8 05:05	19 17:40	30 06:47	7 09:42	21 11:34
22 22:39	Sept. -3105j	11 05:19	23 04:25	Apr. -3103j	10 11:31	22 01:27		9 13:48	23 21:13
25 11:18	2 00:38	13 14:46	25 16:55	2 07:33	12 21:28	24 12:20	Nov. -3102j	11 20:58	26 08:33
27 23:50	4 12:15	16 02:54	28 05:25	4 18:59	15 09:43	27 00:58	1 16:02	14 06:39	28 21:12
	7 01:06	18 15:31	30 16:49	7 07:50	17 22:44	29 13:55	4 03:28	16 18:02	
March -3105j	9 12:49	21 03:00	Oct. -3104j	9 20:30	20 11:12	May -3102j	6 15:58	19 06:30	Dec. -3101j
2 10:07	11 22:25	23 12:41	3 02:28	12 07:50	22 22:04	2 02:00	9 04:36	21 19:07	1 09:50
4 17:41	14 05:59	25 20:21	5 09:49	14 16:55	25 06:23	4 12:06	11 16:22	24 06:20	3 20:13
6 23:10	16 11:52	28 01:52	7 14:27	16 23:08	27 11:31	6 19:12	14 01:51	26 14:20	6 02:34
9 03:19	18 16:08	30 05:10	9 16:35	19 02:24	29 13:37	8 22:53	16 07:44	28 18:16	8 04:51
11 06:37	20 18:51		11 17:13	21 03:27	31 13:42	10 23:41	18 09:54	30 18:53	10 04:38
13 09:17	22 20:35	Apr. -3104j	13 17:57	23 03:35		12 23:05	20 09:30		12 04:06
15 11:55	24 22:34	1 06:45	15 20:32	25 04:33	Nov. -3103j	14 23:02	22 08:32	June -3101j	14 05:17
17 15:35	26 22:27	3 07:48	17 23:50	27 07:59	2 13:26	16 01:33	24 09:17	1 18:01	16 09:33
19 21:40	29 09:39	5 09:55	18 02:24	29 15:04	4 14:45	17 01:33	26 13:33	3 17:53	18 17:05
21 22:05		7 14:41	20 11:58		6 19:25	19 07:59	28 21:56	5 20:26	20 23:12
24 19:14	Oct. -3105j	9 23:00	23 00:08	May -3103j	9 04:11	21 18:19	Dec. -3102j	8 02:41	22 14:56
27 07:54	1 20:22	12 10:22	25 12:43	2 01:44	11 16:10	24 06:59	1 09:24	10 12:16	26 03:37
29 18:30	4 08:59	14 22:54	27 23:50	4 14:26	14 05:16	26 19:53	3 22:07	12 23:57	28 16:18
	6 20:59	17 10:24	30 08:41	7 03:01	16 17:28	29 07:42	6 10:38	15 12:31	
Apr. -3105j	9 06:30	19 19:38	Nov. -3104j	9 13:53	19 03:46	31 17:45	8 22:12	18 01:05	
1 01:52	11 13:16	22 02:28	1 15:18	11 22:26	21 11:58		10 08:08	20 12:40	
3 06:28	13 17:59	24 07:19	3 20:02	14 04:42	23 18:01	June -3102j	13 15:29	22 21:52	
5 09:29	15 21:30	26 10:43	5 23:18	16 08:54	25 21:50	3 01:35	15 19:30	25 03:25	
7 12:02	18 00:29	28 13:16	7 01:37	18 11:26	27 23:40	5 06:44	17 20:31	27 05:19	
9 14:50	20 03:22	30 15:39	9 10:34	20 12:58	30 00:25	7 09:08	19 19:57	29 04:50	
11 18:21	22 06:47		10 03:46	22 14:35		9 09:32	21 19:55		
13 23:06	24 11:37	May -3104j	12 06:52	24 17:44	Dec. -3103j	11 09:31	23 22:34	July -3101j	
16 05:52	26 18:50	2 18:51	14 12:13	26 23:49	2 01:37	13 11:06	25 22:34	1 04:04	
18 15:16	29 04:58	4 23:55	16 20:43	29 09:29	4 05:09	15 16:08	28 05:19	3 05:12	
21 03:08	31 17:15	7 07:45	19 08:12	31 21:49	6 12:27	18 01:21	30 15:56	5 09:51	
23 15:54		9 18:28	21 20:52		8 23:34	20 13:35	31 04:34	7 18:26	
26 03:11	Nov. -3105j	12 06:50	24 08:16	June -3103j	11 12:33	23 02:28		10 05:56	
28 11:09	3 05:40	14 18:40	26 16:47	3 10:28	14 00:47	25 13:59	Jan. -3101j	12 18:33	
30 15:38	5 15:51	17 04:02	28 22:20	5 21:08	16 10:35	27 23:28	2 17:04	15 06:57	
	7 22:41	19 10:18		8 04:59	18 17:55	30 06:59	5 04:14	17 18:16	
May -3105j	10 02:31	21 14:03	Dec. -3104j	10 10:23	20 23:24		7 13:41	20 03:44	
2 17:42	12 04:34	23 16:26	1 01:53	12 14:17	23 03:37	July -3102j	9 21:12	22 10:28	
4 18:53	14 06:15	25 18:39	3 04:39	14 17:23	25 06:46	2 12:38	12 02:23	24 14:04	
6 20:33	16 08:44	27 21:35	5 07:30	16 20:09	27 09:07	4 16:20	14 05:06	26 15:03	
8 23:45	18 12:46	30 01:52	7 10:57	18 23:04	29 11:27	6 18:17	16 06:02	28 14:55	
11 05:01	20 18:43		9 15:23	21 02:54	31 15:09	8 19:23	18 06:40	30 15:36	
13 12:36	23 02:48	June -3104j	11 21:20	23 08:52		10 21:11	20 08:54		
15 22:30	25 13:03	1 07:52	14 05:36	25 17:52	Jan. -3102j	13 01:31	22 14:24	Aug. -3101j	
18 10:24	28 01:07	3 16:01	16 16:32	28 05:46	2 21:43	15 09:36	24 23:45	1 18:57	
20 23:15	30 13:48	6 02:29	19 05:12	30 18:34	5 07:53	17 21:07	27 11:50	4 02:06	
23 11:12		8 14:42	21 17:14		7 20:31	20 09:55	30 00:22	6 12:45	
25 20:18	Dec. -3105j	11 03:01	24 02:18	July -3103j	10 08:59	22 21:28		9 01:16	
28 01:39	3 01:02	13 13:08	26 07:35	3 05:35	12 18:55	25 06:30	Feb. -3101j	11 13:35	
30 03:43	5 08:57	15 19:42	28 09:59	5 13:13	15 01:38	27 13:08	1 11:24	14 00:26	
	7 13:06	17 22:51	30 11:15	7 17:44	17 05:59	29 18:04	3 20:11	16 09:17	
June -3105j	9 14:21	19 23:59		9 20:28	19 09:12	31 21:51	6 02:52	18 15:59	
1 03:57	11 14:26	22 00:51	Jan. -3103j	11 22:48	21 12:09		8 07:47	20 20:30	
3 04:07	13 15:14	24 03:02	1 13:01	14 01:41	23 15:16	Aug. -3102j	10 11:12	22 23:05	
5 05:56	15 18:15	26 07:26	3 16:22	16 05:30	25 18:53	3 00:46	12 13:32	25 00:29	
7 10:32	18 00:16	28 14:13	5 21:35	18 10:27	27 23:39	5 03:16	14 15:36	27 01:59	
9 18:17	20 09:04	30 23:05	8 04:35	20 17:05	30 06:33	7 06:13	16 18:38	29 05:08	
12 04:44	22 19:55		10 13:25	23 02:05		9 10:55	18 23:57	31 11:14	
14 16:54	25 08:06	July -3104j	13 00:18	25 13:40	Feb. -3102j	11 18:32	21 08:28		
17 05:46	27 20:48	3 09:47	15 12:53	28 02:39	1 16:20	14 05:21	23 19:50	Sept. -3101j	
19 18:01	30 08:44	5 21:58	18 01:32	30 14:24	4 04:37	16 17:59	26 08:21	2 20:48	
22 04:13		8 10:37	20 11:43		6 17:22	19 05:57	28 19:40	5 08:53	
24 11:02	Jan. -3104j	10 21:47	22 17:52	Aug. -3103j	9 03:58	21 15:11		7 21:20	
26 14:13	1 18:08	13 05:30	24 20:12	1 22:43	11 10:59	23 21:18	March -3101j	10 08:05	
28 14:37	3 23:43	15 09:09	26 20:24	4 03:08	13 14:46	26 01:04	3 04:18	12 16:11	
30 13:56	6 01:33	17 09:47	28 20:32	6 04:53	15 16:42	28 03:40	5 10:09	14 21:52	
	8 01:04	19 09:19	30 22:24	8 05:47	17 18:16	30 06:08	7 13:56	17 01:51	
July -3105j	10 00:21	21 09:55		10 07:27		19 20:39	9 16:38	19 04:54	
2 14:12	12 01:33	23 13:11	Feb. -3103j	12 10:52	22 00:29	24 06:08	11 19:08	21 07:37	
4 17:15	14 06:12	25 19:42	2 02:58	14 16:20	26 13:54		13 22:11	23 10:36	
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9 10:31	19 01:49	30 16:10	6 19:46	19 09:22		5 18:59	18 08:30	27 20:43	
11 22:57	21 14:17		9 07:03	21 21:00		8 03:01	20 16:59	30 05:35	