

Jan. -1500j	July -1500j	Jan. -1499j	Aug. -1499j	Feb. -1498j	Aug. -1498j	March -1497j	Sept. -1497j	March -1496j	Oct. -1496j	Apr. -1495j	Oct. -1495j
II 1 20:34	III 13 10:16	II 23 01:17	II 2 03:38	II 11 19:02	II 24 09:21	II 3 11:50	II 13 02:08	II 24 17:02	II 1 18:26	II 13 08:53	II 23 22:25
III 4 07:21	III 15 21:07	III 25 11:55	III 4 15:45	III 14 06:36	III 26 20:31	III 6 00:10	III 15 14:19	III 27 04:20	III 4 06:59	III 15 20:24	III 26 08:51
III 6 16:11	III 18 06:00	III 27 20:15	III 7 01:53	III 16 16:00	III 29 04:55	III 8 10:46	III 17 23:36	III 29 11:59	III 6 16:41	III 18 04:44	III 28 15:59
III 8 23:06	III 20 12:29	III 30 01:49	III 9 09:12	III 18 22:24	III 31 09:39	III 10 17:59	III 20 04:39	III 31 15:33	III 8 22:21	III 20 09:34	III 30 20:05
III 11 04:04	III 22 16:18		III 11 13:21	III 21 01:32		III 12 21:15	III 22 05:58		III 11 00:40	III 22 11:50	
III 13 07:07	III 24 17:56	Feb. -1499j	III 13 14:45	III 23 02:04	Sept. -1498j	III 14 21:26	III 24 05:20	Apr. -1496j	III 13 01:17	III 24 13:02	Nov. -1495j
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III 19 12:58	III 30 23:17	III 5 05:59	III 19 17:00		III 6 09:33	III 20 23:49	III 30 12:06	III 6 16:59	III 19 08:53	III 30 22:38	III 6 02:27
III 21 18:41		III 7 07:31	III 21 22:48	March -1498j	III 8 11:07	III 22 06:51		III 8 20:15	III 21 15:56		III 8 06:20
III 24 03:57	Aug. -1500j	III 9 11:48	III 24 08:34	II 1 05:09	III 10 16:31	III 25 17:09	Oct. -1497j	III 11 02:26	III 24 01:17	May -1495j	III 10 12:06
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III 29 04:23	III 4 16:44	III 14 07:11	III 29 10:02	III 5 23:34	III 15 13:59	III 30 17:52	III 5 07:24	III 15 22:12	III 29 01:30	III 5 15:43	III 15 05:56
III 31 15:14	III 7 05:10	III 16 20:01	III 31 21:45	III 8 12:30	III 18 02:51		III 7 19:35	III 18 10:37	III 31 14:26	III 8 03:26	III 17 17:51
	III 9 17:24	III 19 08:08		III 11 01:10	III 20 15:11	Apr. -1497j	III 10 08:23	III 20 23:36		III 10 16:13	III 20 06:33
Feb. -1500j	III 12 03:51	III 21 18:11	Sept. -1499j	III 13 12:22	III 23 02:18	II 2 06:05	III 12 20:50	Nov. -1496j	III 13 11:30	III 13 04:19	III 22 17:59
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II 11 15:16	III 23 02:59	March -1499j	III 12 00:42	III 24 11:59	Oct. -1498j	III 13 07:18	III 23 15:49	May -1496j	III 11 11:46	III 23 22:21	Dec. -1495j
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II 23 00:08	Sept. -1500j	III 11 04:38	III 23 04:20	Apr. -1498j	III 10 08:59	III 24 11:23	Nov. -1497j	III 10 16:59	III 22 18:56	June -1495j	III 10 02:13
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II 27 23:58	III 3 13:06	III 16 03:41	III 28 04:57	III 4 19:21	III 15 09:21	III 29 12:01	III 4 01:40	III 15 16:40	III 27 20:42	III 4 09:55	III 15 00:54
	III 6 01:33	III 18 15:59	III 30 13:56	III 7 08:00	III 17 21:32		III 6 14:27	III 18 05:34	III 30 08:09	III 6 22:43	III 17 13:36
March -1500j	III 8 12:08	III 21 01:49	Oct. -1499j	III 9 18:52	III 20 08:06	May -1497j	III 9 02:36	III 20 17:29		III 9 11:04	III 20 01:42
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II 3 13:41	III 13 00:30	III 25 13:13	III 5 01:30	III 14 10:07	III 24 23:46	III 4 07:11	III 13 21:09	III 25 09:31	III 2 16:51	III 14 04:41	III 24 17:17
II 5 16:36	III 15 03:38	III 27 16:30	III 7 05:20	III 16 15:05	III 26 04:19	III 6 13:07	III 16 01:48	III 27 12:33	III 4 21:57	III 16 08:16	III 26 19:20
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II 9 20:38	III 19 09:08	III 31 22:24	III 11 10:36	III 20 20:25	III 31 07:17	III 10 17:05	III 20 03:20	III 31 12:47	III 8 23:22	III 20 08:13	III 30 18:08
II 11 23:56	III 21 12:50		III 13 13:18	III 22 21:58		III 12 17:18	III 22 03:20		III 10 22:46	III 22 08:17	
II 14 04:55	III 23 17:44	Apr. -1499j	III 15 17:47	III 25 00:34	Nov. -1498j	III 14 18:42	III 24 05:21	June -1496j	III 12 23:55	III 24 11:00	Jan. -1494j
II 16 11:50	III 26 00:28	II 3 01:53	III 17 03:22	III 27 05:54	II 2 08:12	III 16 23:01	III 26 10:51	II 3 13:24	III 15 04:30	III 26 17:32	II 1 19:10
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II 30 23:30	III 8 05:12	III 17 10:33		III 9 10:42	III 16 15:17	III 31 12:47	III 6 08:57	III 16 23:14	III 29 22:59	III 6 16:58	III 16 07:57
	III 10 09:28	III 19 17:13	Nov. -1499j	III 11 16:25	III 18 23:15		III 8 18:54	III 19 08:43		III 9 03:44	III 18 18:31
Apr. -1500j	III 12 11:17	III 21 20:50	II 1 07:47	III 13 20:36	III 21 05:16	June -1497j	III 11 02:38	III 21 15:45	Jan. -1495j	III 11 12:06	III 21 02:03
II 2 01:49	III 14 12:27	III 23 22:54	III 3 10:44	III 15 23:52	III 23 09:46	II 2 18:36	III 13 08:05	III 23 20:11	II 3 09:09	III 13 17:16	III 23 05:47
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II 10 10:24	III 23 07:58	May -1499j	III 12 02:36	III 24 14:47	Dec. -1498j	III 10 17:28	III 21 16:10	III 21 16:10	III 11 13:40	III 21 19:52	III 31 07:38
II 12 17:59	III 25 17:29	II 3 13:46	III 14 10:18	III 26 23:26	II 2 12:16	III 13 03:35	III 23 03:37	July -1496j	III 13 20:43	III 24 00:51	
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II 17 15:04	III 30 17:47	III 7 07:13	III 19 09:38	III 31 23:40	III 6 12:52	III 18 02:09	III 20 14:29	III 6 17:28	III 18 20:43	III 28 22:06	II 2 14:19
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II 25 02:32	III 4 15:08	III 14 19:23	III 26 13:42	III 5 19:23	III 13 23:57	III 28 00:29	III 30 00:29	III 14 05:49	III 26 04:30	III 3 23:35	III 10 01:50
II 27 09:21	III 6 20:04	III 17 02:45	III 28 16:34	III 8 00:35	III 16 07:36			III 16 14:37	III 28 11:06	III 5 09:18	III 12 13:44
II 29 12:12	III 8 21:31	III 19 06:17	III 30 18:03	III 10 03:37	III 18 12:34	July -1497j	III 20 15:47	III 18 21:10	III 30 15:49	III 7 17:51	III 15 00:12
	III 10 12:10	III 21 07:25	Dec. -1499j	III 12 05:45	III 22 18:21	II 4 06:32	III 24 18:21	III 21 01:57	III 23 05:17	III 10 00:06	III 19 13:48
May -1500j	III 12 21:40	III 23 08:00	II 2 19:40	III 14 08:02	III 25 12:04	III 6 09:14	III 27 00:35	III 23 05:17	III 25 07:32	III 12 03:42	III 21 16:01
II 2 11:42	III 15 00:13	III 26 00:54	III 4 22:29	III 16 11:12	III 28 00:35	III 8 12:38	III 30 05:10	III 27 09:24	III 27 09:24	III 14 04:58	III 23 16:07
II 4 15:28	III 17 05:43	III 28 03:50	III 7 03:01	III 18 15:49	III 31 12:18	III 10 17:28		III 18 01:45	III 29 12:07	III 16 05:08	III 25 15:57
II 6 16:14	III 19 13:54	III 30 08:04	III 9 09:26	III 20 22:23	III 22 09:06	III 12 21:15	III 24 18:21	III 20 06:26	III 31 17:11	III 18 06:08	III 27 17:35
II 9 23:27	III 22 00:05	June -1499j	III 11 17:56	III 24 07:48	III 25 18:44	III 13 00:35	III 27 19:37	III 22 13:45	III 30 01:00	III 20 09:56	
II 12 09:29	III 24 21:49	II 3 14:07	III 14 04:42	III 26 23:26	III 28 07:27	III 15 10:26	III 30 00:29	III 25 07:32	III 31 17:11	III 22 17:45	March -1494j
II 14 21:14	III 27 00:35	III 6 02:20	III 16 17:17	III 30 19:29	III 31 23:40	III 17 22:29		III 27 12:46		III 25 05:07	II 4 07:49
II 17 09:48	III 30 17:47	III 8 15:26	III 19 06:07	July -1498j	III 5 09:06	III 20 10:52	Aug. -1497j	III 22 21:15	III 3 01:43	III 27 17:55	III 6 19:46
II 20 03:34	Dec. -1500j	III 11 03:20	III 22 00:01	II 3 04:42	III 7 21:40	III 22 21:15	II 4 06:32	III 25 04:18	III 5 13:30	III 30 05:47	III 9 08:26
II 22 16:02	II 1 23:41	III 13 11:58	III 24 00:18	III 5 10:18	III 9 10:33	III 25 04:18	III 6 09:14	III 27 08:14	III 8 02		

with clock times in UT/GMT. The year -1494 astronomical counting style corresponds to year 1495 B.C.E historical counting style.

May -1494j	Nov. -1494j	May -1493j	Dec. -1493j	June -1492j	Dec. -1492j	July -1491j	Jan. -1490j	July -1490j	Feb. -1489j	Aug. -1489j	Feb. -1488j
2 23:47	12 13:36	25 03:30	2 05:16	12 19:25	23 09:52	2 11:28	12 02:33	24 17:18	3 08:46	15 23:06	25 13:47
5 11:48	15 01:11	27 14:27	4 17:37	15 07:08	25 21:13	4 23:57	14 15:09	27 05:52	5 20:48	18 10:31	28 00:32
7 21:30	17 09:58	29 22:33	7 03:39	17 16:50	28 06:54	7 11:27	17 02:29	29 16:34	8 06:34	20 18:59	
10 04:06	19 15:46		9 11:13	20 00:35	30 14:41	9 21:08	19 11:28		10 13:00	22 23:37	March -1488j
12 08:02	21 19:31	June -1493j	11 16:57	22 06:25		12 04:06	21 17:16	Aug. -1490j	12 15:54	25 00:52	1 07:51
14 10:29	23 22:24	1 04:11	13 21:21	24 10:17	Jan. -1491j	14 07:55	23 19:50	1 00:08	14 16:10	27 00:14	3 11:11
16 12:39	26 01:16	3 08:12	16 00:36	26 12:19	2 20:06	16 09:04	25 20:10	3 04:07	16 15:28	28 23:46	5 11:31
18 15:31	28 04:39	5 11:22	18 02:56	28 13:22	3 22:59	18 08:59	27 19:56	5 05:08	18 15:51	31 01:32	7 10:48
20 19:40	30 08:54	7 14:10	20 05:06	30 15:02	5 23:57	20 09:33	29 21:02	7 04:40	20 19:08		9 11:14
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27 19:33	2 14:35	14 02:19	27 00:41	2 19:05	12 07:37	27 05:42	1 01:07	13 12:31	28 01:57	4 16:03	16 07:21
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June -1494j	9 21:54	21 11:32	Jan. -1492j	10 02:48	19 17:11	Aug. -1491j	8 09:05	20 23:25	2 14:50	12 05:07	23 20:03
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14 21:00	25 10:04	2 16:50	14 09:05	25 21:06	2 07:29	14 18:21	24 06:16	1 14:36	18 02:23	27 10:58	3 21:31
17 01:11	27 15:07	4 19:38	16 12:36	27 23:55	4 09:30	16 19:47	26 07:40	3 15:24	20 04:21	29 14:36	5 20:55
19 07:43	29 21:54	6 23:18	18 17:09	30 04:24	6 12:21	18 22:43	28 10:59	5 15:33	22 10:03		7 22:37
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	6 05:40	18 19:30	30 21:05	6 10:48	16 01:12	31 01:11	7 16:21	17 06:13	Apr. -1489j	9 11:09	20 01:54
July -1494j	8 18:26	21 07:27		8 22:52	18 12:44		10 04:51	19 18:17	1 08:43	11 22:24	22 13:08
1 14:59	11 04:55	23 16:07	Feb. -1492j	11 08:26	20 21:41	Sept. -1491j	12 15:21	22 04:09	3 18:11	14 08:01	24 22:21
3 23:04	13 11:22	25 20:53	2 04:26	13 14:53	23 03:48	2 09:35	14 23:12	24 11:48	6 01:40	16 15:26	27 04:36
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Aug. -1494j	9 20:55	22 07:05	March -1492j	10 00:40	22 13:05	Oct. -1491j	11 06:59	23 18:23	3 07:25	12 20:48	24 10:27
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Sept. -1494j	11 09:54	20 20:01	Apr. -1492j	11 16:17	21 02:03	Nov. -1491j	10 20:15	20 06:50	1 18:42	12 07:28	22 20:05
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Sept. -1488j	March -1487j	Sept. -1487j	Apr. -1486j	Oct. -1486j	Apr. -1485j	Nov. -1485j	May -1484j	Nov. -1484j	June -1483j	Dec. -1483j	June -1482j
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♈ 13 02:37	♈ 25 14:34	Feb. -1486j	♈ 14 06:54	♈ 22 21:45							

Jan. -1481j	July -1481j	Jan. -1480j	Aug. -1480j	Feb. -1479j	Aug. -1479j	March -1478j	Sept. -1478j	March -1477j	Oct. -1477j	Apr. -1476j	Oct. -1476j
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III 23 14:45	Aug. -1481j	II 10 06:08	III 23 21:48	II 1 02:17	II 10 13:38	III 25 09:08	Oct. -1478j	III 12 01:55	III 24 17:53	May -1476j	II 10 11:45
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Feb. -1481j	II 12 12:58	II 22 04:32	Sept. -1480j	II 12 21:14	II 12 21:14	III 1 13:25	III 12 33:34	Nov. -1477j	III 23 18:03	III 12 08:59	III 21 22:50
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II 22 06:41	Sept. -1481j	II 10 18:08	II 22 12:25	Apr. -1479j	II 9 10:03	III 23 22:15	Nov. -1478j	III 11 11:24	III 23 07:24	June -1476j	II 9 22:11
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March -1481j	II 8 19:21	II 20 10:42	Oct. -1480j	II 9 03:18	II 11 15:49	III 22 06:36	May -1478j	III 21 01:26	III 23 07:24	II 8 16:56	II 19 07:05
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Apr. -1481j	II 11 01:19	II 21 14:58	II 1 04:29	II 21 00:01	II 21 00:01	III 9 03:59	III 13 04:33	III 14 16:58	III 13 23:38	II 10 01:09	II 20 15:37
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	II 9 16:51	II 21 05:08	Dec. -1480j	II 22 08:03	II 22 08:03	III 15 03:44	III 19 20:10	III 20 23:19	III 29 05:17	II 9 08:58	II 18 03:50
May -1481j	II 11 21:29	II 23 10:05	II 1 04:29	II 24 08:36	II 24 08:36	III 17 11:01	III 21 13:53	III 22 13:53	III 30 11:34	II 10 01:09	II 20 15:37
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II 13 02:15	II 26 06:28	II 2 12:15	II 14 00:26	II 5 18:02	II 5 18:02	III 6 06:14	III 11 03:44	III 12 13:53	III 31 11:34	II 23 20:25	Feb. -1475j
II 15 08:44	II 28 12:29	II 4 14:01	II 16 05:16	II 13 11:10	II						

with clock times in UT/GMT. The year -1475 astronomical counting style corresponds to year 1476 B.C.E historical counting style.

May -1475j	Nov. -1475j	May -1474j	Dec. -1474j	June -1473j	Dec. -1473j	July -1472j	Jan. -1471j	July -1471j	Feb. -1470j	Aug. -1470j	Feb. -1469j
2 04:37	11 18:27	24 09:14	1 12:09	13 02:44	23 17:35	1 20:36	11 11:20	24 01:02	2 15:35	15 04:33	24 18:38
4 16:33	14 07:16	26 22:12	4 00:20	15 14:52	26 05:48	4 07:43	13 22:50	26 12:56	5 03:31	17 16:57	27 07:23
7 05:30	16 20:08	29 10:43	6 13:02	18 03:33	28 18:41	6 20:25	16 11:40	29 01:42	7 16:02	20 05:11	
9 17:31	19 07:35	31 21:52	9 01:15	20 15:55	31 06:58	9 09:27	19 00:13	31 13:21	10 03:00	22 14:57	March -1469j
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14 11:02	24 00:26	June -1474j	13 21:16	25 10:09	Jan. -1472j	14 04:39	23 16:53	Aug. -1471j	14 14:36	26 23:59	4 03:55
16 16:24	26 05:28	3 07:06	16 02:59	27 13:46	2 16:47	16 08:28	25 19:40	2 21:57	16 15:56	29 01:20	6 09:06
18 19:47	28 08:08	5 13:48	18 05:15	29 14:13	4 22:41	18 09:13	27 20:02	5 02:48	18 16:24	31 02:48	8 11:50
20 21:38	30 09:03	7 17:32	20 05:04		7 00:44	20 08:43	29 19:49	7 04:36	20 17:47		10 13:43
22 22:51		9 18:40	22 04:22	July -1473j	9 00:21	22 08:55	31 20:49	9 04:53	22 21:22	Sept. -1470j	12 16:06
25 00:48	Dec. -1475j	11 18:27	24 05:24	1 13:18	10 23:37	24 11:27		11 05:27	25 03:36	2 05:38	14 19:40
27 05:02	2 09:33	13 18:50	26 10:00	3 13:14	13 00:35	26 17:14	Feb. -1471j	13 07:51	27 12:14	4 10:25	17 00:36
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	9 02:00	20 15:51		10 08:39	19 23:28		7 17:19	20 07:40	1 22:45	11 12:15	24 02:31
June -1475j	11 14:25	23 04:40	Jan. -1473j	12 20:49	22 11:56	Aug. -1472j	10 05:17	22 19:45	4 10:42	14 00:33	26 15:13
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7 00:21	19 12:03	28 22:44	8 09:19	18 20:59	29 10:06	6 20:17	19 09:09	28 21:41	9 07:03	20 19:12	
9 01:14	21 13:43		10 11:22	21 00:09		8 23:20	21 11:15	30 22:52	10 08:02	22 19:45	July -1469j
11 04:22	23 17:42	Oct. -1474j	12 15:05	23 04:31	May -1472j	11 02:10	13 23:19	Dec. -1471j	14 10:55	24 22:23	2 04:19
13 10:23	26 00:28	1 01:41	14 20:49	25 10:17	1 13:23	15 05:38	15 26:47	1 12:58	16 16:03	27 04:27	4 05:20
15 19:08	28 09:51	3 06:52	17 04:36	27 17:51	3 17:28	17 11:02	27 23:09	3 00:33	19 00:49	29 14:17	6 09:12
18 06:07	30 21:19	5 14:24	19 14:26	30 03:44	5 22:58	19 17:34	30 09:02	5 04:28	21 12:26		8 16:56
20 18:39		8 00:05	22 02:06		8 06:48	20 07:15		7 11:52	24 00:58	Jan. -1469j	11 04:06
23 07:42	Apr. -1474j	10 11:37	24 14:43	Nov. -1473j	10 17:29	22 20:12	June -1471j	9 22:43	26 12:24	1 02:40	13 16:59
25 19:39	2 10:03	13 00:16	27 02:24	1 15:50	13 06:09	25 07:35	1 21:23	12 11:19	28 21:43	3 15:25	16 05:30
28 04:43	4 22:46	15 12:31	29 11:04	4 04:35	15 18:28	27 15:38	4 09:47	14 23:13		6 02:41	18 16:19
30 09:54	7 09:43	17 22:24		6 15:27	18 03:53	29 20:31	6 19:58	17 08:51	July -1470j	8 11:42	21 00:55
	9 17:23	20 04:33	May -1473j	8 22:31	20 09:33		9 03:15	19 15:57	1 04:45	10 18:28	23 07:15
Oct. -1475j	11 21:17	22 07:01	1 15:49	11 01:51	22 12:20	Dec. -1472j	11 08:10	21 21:04	3 09:45	12 23:14	25 11:20
2 11:36	13 22:11	24 07:08	3 17:21	13 02:54	24 13:51	1 23:28	13 11:40	24 00:50	5 13:09	15 02:21	27 13:29
4 11:16	15 21:43	26 06:51	5 17:24	15 03:37	26 15:41	4 01:53	15 14:33	26 03:45	7 15:29	17 04:19	29 14:29
6 10:49	17 21:48	28 08:08	7 17:58	17 05:41	28 18:47	6 04:42	17 17:19	28 06:23	9 17:34	19 06:04	31 15:41
8 12:08	20 00:13	30 12:25	9 20:39	19 09:58	30 23:						



with clock times in UT/GMT. The year -1469 astronomical counting style corresponds to year 1470 B.C.E historical counting style.

Sept. -1469j	March -1468j	Sept. -1468j	Apr. -1467j	Oct. -1467j	Apr. -1466j	Nov. -1466j	May -1465j	Nov. -1465j	June -1464j	Dec. -1464j	June -1463j
♈ 1 10:27	♈ 12 23:25	♈ 22 11:45	♈ 1 16:05	♈ 12 04:21	♈ 23 18:04	♈ 3 08:03	♈ 15 22:59	♈ 25 14:09	♈ 1 06:52	♈ 11 21:28	♈ 23 11:00
♈ 3 19:50	♈ 15 09:58	♈ 24 23:33	♈ 4 01:46	♈ 14 15:18	♈ 26 05:49	♈ 5 20:39	♈ 18 11:49	♈ 28 02:43	♈ 3 16:58	♈ 14 07:37	♈ 25 21:23
♈ 6 08:06	♈ 17 22:41	♈ 27 12:15	♈ 6 13:57	♈ 17 03:55	♈ 28 18:48	♈ 8 09:39	♈ 21 00:35	♈ 30 15:13	♈ 6 04:40	♈ 16 19:21	♈ 28 09:43
♈ 8 20:52	♈ 20 10:54	♈ 29 23:37	♈ 9 02:27	♈ 19 16:19		♈ 10 21:42	♈ 23 12:18		♈ 8 17:16	♈ 19 08:12	♈ 30 22:47
♈ 11 07:27	♈ 22 20:38		♈ 11 13:38	♈ 22 03:18	May -1466j	♈ 13 07:59	♈ 25 22:02	Dec. -1465j	♈ 11 05:51	♈ 21 20:44	
♈ 13 14:47	♈ 25 03:35	Oct. -1468j	♈ 13 22:47	♈ 24 12:17	♈ 1 07:15	♈ 15 15:54	♈ 28 04:55	♈ 3 02:45	♈ 13 16:51	♈ 24 06:45	July -1463j
♈ 15 19:25	♈ 27 08:30	2 08:42	♈ 16 05:48	♈ 26 18:59	♈ 3 18:00	♈ 17 20:56	♈ 30 08:30	♈ 5 11:58	♈ 16 00:30	♈ 26 12:40	♈ 3 10:21
♈ 17 22:39	♈ 29 12:14	4 15:41	♈ 18 10:46	♈ 28 23:20	♈ 6 02:26	♈ 19 23:09		♈ 7 17:39	♈ 18 04:05	♈ 28 14:39	♈ 5 18:20
♈ 20 01:34	♈ 31 15:18	6 20:59	♈ 20 13:51	♈ 31 01:36	♈ 8 08:15	♈ 21 23:26	June -1465j	♈ 9 19:38	♈ 20 04:26	♈ 30 14:15	♈ 7 22:16
♈ 22 04:43		9 00:53	♈ 22 15:39		♈ 10 11:30	♈ 23 23:21	♈ 1 09:16	♈ 11 19:07	♈ 22 03:28	♈ 9 23:13	
♈ 24 08:21	Apr. -1468j	♈ 11 03:35	♈ 24 17:14	Nov. -1467j	♈ 12 12:48	♈ 26 00:54	♈ 3 08:40	♈ 13 18:11	♈ 24 03:26	Jan. -1463j	♈ 11 23:03
♈ 26 12:54	2 18:05	♈ 13 05:41	♈ 26 20:02	♈ 2 02:42	♈ 14 13:18	♈ 28 05:52	♈ 5 08:45	♈ 15 19:07	♈ 26 06:13	♈ 1 13:40	♈ 13 23:41
♈ 28 19:16	4 21:08	♈ 15 08:20	♈ 29 01:24	♈ 4 03:58	♈ 16 14:35	♈ 30 15:02	♈ 7 11:33	♈ 17 23:43	♈ 28 12:45	♈ 3 14:54	♈ 16 02:30
	7 01:30	♈ 17 12:59		6 07:02	♈ 18 18:22		♈ 9 18:26	♈ 20 08:27	♈ 30 22:38	♈ 5 19:17	♈ 18 08:14
Oct. -1469j	♈ 9 08:21	♈ 19 20:47	May -1467j	♈ 8 13:16	♈ 21 01:47	Dec. -1466j	♈ 12 05:10	♈ 22 20:10		8 03:03	♈ 20 16:48
♈ 1 04:22	♈ 11 18:20	♈ 22 07:46	♈ 1 10:06	♈ 10 23:05	♈ 23 12:47	♈ 3 03:19	♈ 14 17:57	July -1464j	♈ 10 13:31	♈ 13 01:37	♈ 25 16:10
♈ 3 16:15	♈ 14 06:40	♈ 24 20:23	♈ 3 21:37	♈ 13 11:24	♈ 26 01:38	♈ 5 16:22	♈ 17 06:38	♈ 27 21:13	♈ 15 14:27	♈ 16 02:58	♈ 28 05:16
♈ 6 05:14	♈ 16 19:07	♈ 27 08:06	♈ 6 10:06	♈ 15 23:56	♈ 28 13:59	♈ 8 04:07	♈ 19 17:59	♈ 30 08:27	♈ 17 23:43	♈ 18 02:58	♈ 30 17:24
♈ 8 16:35	♈ 19 05:17	♈ 29 17:13	♈ 8 21:21	♈ 18 10:40	♈ 30 00:14	♈ 10 13:46	♈ 22 03:34		♈ 19 17:59	♈ 20 13:44	
♈ 11 00:20	♈ 21 12:08	♈ 31 23:25	♈ 11 06:05	♈ 20 18:47		♈ 12 21:22	♈ 24 11:02	Jan. -1464j	♈ 22 03:34	♈ 23 10:22	Aug. -1463j
♈ 13 04:32	♈ 23 16:12		♈ 13 12:12	♈ 22 00:36	June -1466j	♈ 15 03:04	♈ 26 15:59	♈ 1 17:59	♈ 24 11:02	♈ 25 16:10	♈ 2 02:43
♈ 15 06:30	♈ 25 18:43	Nov. -1468j	♈ 15 16:20	♈ 25 04:46	♈ 2 08:02	♈ 17 06:51	♈ 28 18:21	♈ 4 00:59	♈ 26 15:59	♈ 27 01:33	♈ 4 08:10
♈ 17 07:56	♈ 27 20:51	♈ 3 03:28	♈ 17 19:18	♈ 27 07:55	♈ 4 13:42	♈ 19 08:53	♈ 30 18:53	♈ 6 04:48	♈ 29 04:26	♈ 28 05:16	♈ 6 10:03
♈ 19 10:09	♈ 29 23:31	5 06:23	♈ 19 21:51	♈ 29 10:34	♈ 6 17:42	♈ 21 09:58		♈ 8 05:49	♈ 31 00:54	♈ 29 03:40	♈ 8 09:47
♈ 21 13:51		7 09:02	♈ 22 00:43		♈ 8 20:23	♈ 23 11:36	July -1465j	♈ 10 05:29	♈ 22 15:16	♈ 30 00:54	♈ 10 09:17
♈ 23 19:18	May -1468j	♈ 9 12:05	♈ 24 04:36	Dec. -1467j	♈ 10 22:17	♈ 25 15:38	♈ 2 19:10	♈ 12 05:52	♈ 23 15:16	♈ 31 00:54	♈ 12 02:25
♈ 26 02:38	2 03:17	♈ 11 16:06	♈ 26 10:21	♈ 1 13:18	♈ 13 00:22	♈ 27 23:27	♈ 4 21:13	♈ 14 08:59	♈ 25 20:14	Feb. -1463j	♈ 13 23:41
♈ 28 12:10	4 08:40	♈ 13 21:44	♈ 28 18:42	♈ 3 17:02	♈ 15 03:59	♈ 30 10:55	♈ 7 02:46	♈ 16 16:08	♈ 28 05:03	♈ 2 03:29	♈ 14 14:40
♈ 30 23:55	6 16:13	♈ 16 05:41	♈ 31 05:41	5 22:54	♈ 17 10:33		♈ 9 12:24	♈ 19 02:56	♈ 31 06:42	4 09:44	♈ 16 22:33
	9 02:16	♈ 18 16:13		♈ 8 07:49	♈ 19 20:40	Jan. -1465j	♈ 12 00:47	♈ 21 05:34		6 19:33	♈ 18 09:31
Nov. -1469j	♈ 11 14:25	♈ 21 04:36	June -1467j	♈ 10 19:34	♈ 22 09:13	♈ 1 23:55	♈ 14 13:27	♈ 24 03:52	Aug. -1464j	♈ 7 09:44	♈ 20 16:48
2 12:59	♈ 14 03:05	♈ 23 16:54	♈ 2 18:08	♈ 13 08:18	♈ 24 21:42	♈ 4 11:43	♈ 17 00:31	♈ 26 14:39	2 05:23	♈ 9 07:44	♈ 22 22:14
5 01:11	♈ 16 14:03	♈ 26 02:49	5 05:49	♈ 15 19:25	♈ 27 07:48	♈ 6 20:54	♈ 19 09:26	♈ 28 23:35	♈ 4 17:38	♈ 11 20:38	♈ 24 11:15
7 10:13	♈ 18 21:38	♈ 28 09:14	7 14:47	♈ 18 03:17	♈ 29 14:53	♈ 9 03:33	♈ 21 16:25	♈ 31 06:31	7 04:32	♈ 14 08:52	♈ 26 23:19
9 15:13	♈ 20 01:43	♈ 30 12:30	9 20:25	♈ 20 08:03		♈ 11 08:30	♈ 23 21:40		9 13:26	♈ 16 19:27	♈ 28 09:18
11 16:56	♈ 23 03:21		♈ 11 23:26	♈ 22 10:55	July -1466j	♈ 13 12:24	♈ 26 01:11	Feb. -1464j	♈ 11 19:41	♈ 18 09:34	♈ 30 03:21
♈ 13 17:05	♈ 25 04:05	Dec. -1468j	♈ 14 01:14	♈ 24 13:17	♈ 1 19:36	♈ 15 15:32	♈ 28 03:14	♈ 2 11:17	♈ 13 23:05	♈ 21 08:44	Sept. -1463j
♈ 15 17:32	♈ 27 05:28	♈ 2 13:54	♈ 16 03:15	♈ 26 16:11	♈ 3 23:04	♈ 17 18:08	♈ 30 04:43	♈ 4 13:55	♈ 16 00:15	♈ 23 11:06	♈ 2 19:54
♈ 17 19:46	♈ 29 08:42	4 15:06	♈ 18 06:26	♈ 28 20:02	♈ 6 02:05	♈ 19 20:58		♈ 6 15:09	♈ 18 00:33	♈ 25 11:37	♈ 4 20:49
♈ 20 00:43	♈ 31 14:25	♈ 6 17:27	♈ 20 11:16	♈ 31 01:02	♈ 8 05:05	♈ 22 01:20	Aug. -1465j	♈ 8 16:20	♈ 20 01:44	♈ 27 11:51	♈ 6 20:26
♈ 22 08:29		8 21:49	♈ 22 17:57		♈ 10 08:25	♈ 24 08:36	♈ 1 07:08	♈ 10 19:14	♈ 22 05:32	♈ 28 05:03	♈ 8 20:36
♈ 24 18:43	June -1468j	♈ 11 04:27	♈ 25 02:39	Jan. -1466j	♈ 12 12:49	♈ 26 19:15	♈ 3 12:09	♈ 13 01:17	♈ 24 12:58	♈ 30 00:54	♈ 10 23:11
♈ 26 06:46	2 22:42	♈ 13 13:15	♈ 27 13:29	2 07:36	♈ 14 19:23	♈ 29 08:00	♈ 5 20:46	♈ 15 10:56	♈ 26 23:48	♈ 1 13:31	♈ 12 03:55
♈ 29 19:47	5 09:15	♈ 15 23:58	♈ 30 01:53	4 16:25	♈ 17 04:58	♈ 31 20:11	♈ 8 08:30	♈ 17 23:04	♈ 29 12:23	♈ 3 18:15	♈ 14 15:52
	7 21:27	♈ 18 12:13		7 03:45	♈ 19 17:12		♈ 10 21:10	♈ 20 11:27		♈ 6 02:46	♈ 16 22:33
Dec. -1469j	♈ 10 10:14	♈ 21 00:51	July -1467j	♈ 2 14:11	♈ 22 05:57	Feb. -1465j	♈ 13 08:21	♈ 15 16:51	Sept. -1464j	♈ 11 03:21	♈ 13 23:41
2 08:22	♈ 12 21:56	♈ 23 11:55	♈ 5 00:02	♈ 12 04:28	♈ 24 16:31	♈ 3 05:33	♈ 15 16:51	♈ 27 12:24	♈ 1 00:34	♈ 14 08:52	♈ 16 22:17
4 18:41	♈ 15 06:46	♈ 25 19:35	♈ 7 06:05	♈ 14 13:02	♈ 26 23:30	♈ 5 11:41	♈ 17 22:54	♈ 29 16:40	♈ 3 10:57	♈ 16 01:23	♈ 18 09:34
7 01:22	♈ 17 11:51	♈ 27 23:20	♈ 9 08:37	♈ 16 17:40	♈ 29 03:22	♈ 7 15:29	♈ 20 03:14		♈ 5 19:06	♈ 18 09:34	♈ 20 16:48
9 04:15	♈ 19 13:38	♈ 30 00:07	♈ 11 09:12	♈ 18 19:28	♈ 31 05:35	♈ 9 18:13	♈ 22 06:35	March -1464j	♈ 8 01:06	♈ 22 18:07	♈ 22 22:17
11 04:27	♈ 21 13:31	♈ 31 23:46	♈ 13 09:46	♈ 20 20:18		♈ 11 20:52	♈ 24 09:23	♈ 26 12:11	♈ 10 05:12	♈ 24 20:14	Oct. -1463j
♈ 13 03:46	♈ 23 13:25		♈ 15 11:59	♈ 22 21:55	Aug. -1466j	♈ 13 23:59	♈ 26 12:11	♈ 28 15:48	♈ 12 07:51	♈ 26 21:41	♈ 2 06:05
♈ 15 04:10	♈ 25 15:10	Jan. -1467j	♈ 17 16:45	♈ 25 01:22	2 07:38	♈ 16 03:59	♈ 28 15:48	♈ 30 21:17	♈ 14 09:43	♈ 28 23:44	♈ 4 07:05
♈ 17 07:20	♈ 27 20:02	♈ 3 00:20	♈ 20 00:02	♈ 29 14:27	4 10:30	♈ 18 09:25	♈ 20 17:06		♈ 16 11:52	♈ 31 03:50	♈ 6 07:37
♈ 19 14:13	♈ 30 04:21	♈ 5 03:29	♈ 22 09:25	♈ 31 23:51	6 14:33	♈ 20 17:06	♈ 23 03:30	Sept. -1465j	♈ 18 15:35	♈ 3 10:57	♈ 8 09:29
♈ 22 00:30		7 09:56	♈ 24 20:30		8 19:59	♈ 26 19:15	♈ 29 08:00	♈ 1 07:08	♈ 20 22:08	♈ 5 19:06	♈ 10 23:11
♈ 24 12:55	July -1468j	9 19:17	♈ 27 08:54	Feb. -1466j	♈ 11 03:16	♈ 31 20:11	♈ 3 12:09	♈ 5 20:46	♈ 13 19:35	♈ 22 18:07	♈ 12 03:55
♈ 27 01:58	2 15:20	♈ 12 06:33	♈ 30 01:53	♈ 3 11:13	♈ 13 12:55		♈ 8 08:30	♈ 10 21:10	♈ 15 16:51	♈ 24 20:14	♈ 14 15:52
♈ 29 14:25	5 03:46	♈ 14 18:54	♈ 31 23:51	6 00:03	♈ 16 00:57	Feb. -1465j	♈ 17 22:54	♈ 19 09:26	♈ 27 12:24	♈ 26 21:41	♈ 2 06:05
	7 16:32	♈ 17 07:34		8 12:36	♈ 18 13:59	♈ 20 17:06	♈ 29 08:00	♈ 1 07:08	♈ 30 21:17	♈ 28 23:44	♈ 4 07:05
Jan. -1468j	♈ 10 04:31	♈ 19 19:21	Aug. -1467j	♈ 10 22:24	♈ 21 01:25	♈ 23 03:30	♈ 3 12:09	♈ 5 20:46	♈ 13 19:35	♈ 31 03:50	♈ 6 07:37
1 01:12	♈ 12 14:26	♈ 22 04:31	♈ 1 08:34	♈ 13 04:03	♈ 24 16:31	♈ 5 11:41	♈ 8 08:30	♈ 10 21:10	♈ 15 16:51	♈ 3 10:57	♈ 8 09:29
3 09:17	♈ 14 21:04	♈ 24 09:49	♈ 3 15:54	♈ 15 05:58	♈ 26 23:30	♈ 7 15:29	♈ 20 17:06	♈ 22 05:32	♈ 27 12:24	♈ 28 23:44	♈ 10 23:11
5 14:01	♈ 17 00:06	♈ 26 11:21	♈ 5 19:06	♈ 17 04:58	♈ 29 03:22	♈ 9 18:13	♈ 26 19:15	♈ 28 15:48	♈ 30 21:17	♈ 31 03:50	♈ 12 03:55
7 15:38	♈ 19 00:20	♈ 28 10:38	♈ 7 19:20	♈ 19 05:52	♈ 31 05:35	♈ 11 03:16	♈ 3 12:09	♈ 5 20:46	♈ 13 19:35	♈ 24 20:14	♈ 14 15:52
9 15:18	♈ 20 23:31	♈ 30 09:50	♈ 9 18:40	♈ 21 07:43		♈ 13 12:55	♈ 8 08:30	♈ 10 21:10	♈ 15 16:51	♈ 26 21:41	♈ 2 06:05
11 14:52	♈ 22 23:47		♈ 11 19:15	♈ 23 12:25	Sept. -1466j	♈ 16 00:57	♈ 17 22:54	♈ 19 09:26	♈ 27 12:24	♈ 28 23:44	♈ 4 07:

Jan. -1462j	July -1462j	Jan. -1461j	Aug. -1461j	Feb. -1460j	Aug. -1460j	March -1459j	Sept. -1459j	March -1458j	Oct. -1458j	Apr. -1457j	Oct. -1457j
3 01:14	15 14:24	25 04:36	2 00:05	11 12:54	22 23:33	2 05:59	11 16:18	24 05:20	1 10:20	12 23:17	23 11:59
5 12:05	18 01:53	27 16:16	4 07:15	13 20:27	25 08:33	4 12:21	14 00:41	26 14:56	3 17:53	15 07:54	25 22:01
8 00:43	20 14:36	30 04:46	6 17:19	16 07:13	27 20:38	6 22:39	16 12:25	29 03:04	6 04:42	17 19:24	28 10:15
10 13:24	23 02:20		9 05:31	18 19:55	30 09:29	9 11:23	19 01:12	31 15:43	8 17:13	20 08:17	30 23:15
12 23:45	25 11:06	Feb. -1461j	11 17:49	21 07:57		11 23:52	21 12:57		11 05:49	22 21:04	
15 06:19	27 16:18	1 15:52	14 03:52	23 17:14	Sept. -1460j	14 10:12	23 22:49	Apr. -1458j	13 17:26	25 08:31	Nov. -1457j
17 09:19	29 18:42	3 23:49	16 10:38	25 23:16	1 20:32	16 18:03	26 06:47	3 03:22	16 03:19	27 17:39	2 11:46
19 10:06	31 19:45	6 04:22	18 14:31	28 02:59	4 04:42	18 23:57	28 12:56	5 13:21	18 10:41	29 23:46	4 22:42
21 10:28		8 06:32	20 16:50		6 10:22	21 04:24	30 17:10	7 21:17	20 15:07		7 06:57
23 11:59	Aug. -1462j	10 07:50	22 18:58	March -1460j	8 14:32	23 07:41		10 02:49	22 16:54	May -1457j	9 11:52
25 15:50	2 20:59	12 09:44	24 21:53	1 05:42	10 17:58	25 10:03	Oct. -1459j	12 05:54	24 17:12	2 02:49	11 13:39
27 22:26	4 23:41	14 13:18	27 02:08	3 08:27	12 21:01	27 12:15	2 19:33	14 07:08	26 17:43	4 03:35	13 13:27
30 07:40	7 04:36	16 18:56	29 07:55	5 11:47	14 23:57	29 15:35	4 20:51	16 07:52	28 20:16	6 03:30	15 13:03
	9 11:57	19 02:40	31 15:34	7 15:58	17 03:31	31 21:34	6 22:30	18 09:48	31 02:14	8 04:21	17 14:28
Feb. -1462j	11 21:31	21 12:25		9 21:29	19 08:53		9 02:17	20 14:33		10 07:50	19 19:23
1 18:59	14 09:11	23 23:57	Sept. -1461j	12 05:06	21 17:16	Apr. -1459j	11 09:32	22 22:56	Nov. -1458j	12 15:05	22 04:24
4 07:38	16 21:54	26 12:31	3 01:27	14 15:27	24 04:48	3 07:02	13 20:18	25 10:21	2 11:57	15 01:54	24 16:32
6 20:27	19 10:15		5 13:28	16 16:26	26 17:45	5 19:14	16 08:55	27 22:54	5 00:11	17 14:43	27 05:37
9 07:41	21 20:15	March -1461j	8 02:10	18 03:56	29 05:18	8 07:49	18 20:51	29 10:30	7 12:51	20 03:22	30 11:52
11 15:44	24 02:35	1 00:21	10 13:09	22 02:19		10 18:21	21 06:29		10 00:07	22 14:23	
13 19:59	26 05:16	3 09:25	12 20:28	24 08:24	Oct. -1460j	13 01:51	23 13:33	May -1458j	12 09:13	24 23:08	Dec. -1457j
15 21:06	28 05:31	5 14:37	15 00:01	26 11:19	1 13:32	15 06:48	25 18:41	2 19:58	14 16:07	27 05:34	2 04:21
17 20:40	30 05:13	7 16:25	17 01:07	28 12:42	3 18:27	17 10:13	27 22:31	5 03:06	16 21:00	29 09:47	4 12:47
19 20:36		9 16:27	19 01:42	30 14:16	5 21:20	19 13:03	30 01:33	7 08:12	19 00:13	31 12:07	6 18:55
21 22:43	Sept. -1462j	11 16:45	21 03:30		7 23:37	21 15:52		9 11:42	21 02:16		8 22:32
24 04:14	1 06:17	13 19:05	23 07:33	Apr. -1460j	10 02:22	23 19:09	Nov. -1459j	11 14:08	23 04:02	June -1457j	10 13:58
26 13:21	3 10:12	16 00:22	25 13:59	1 17:09	12 05:59	25 23:36	1 04:14	13 16:16	25 06:48	2 13:18	13 00:17
	5 17:32	18 08:34	27 22:28	3 21:47	14 10:44	28 06:06	3 07:18	15 19:09	27 11:58	4 14:34	15 01:15
March -1462j	8 03:42	20 18:55	30 08:46	5 09:39	16 17:03	30 15:23	5 11:49	17 23:58	29 20:29	6 17:31	17 04:48
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13 05:03	22 15:59	Apr. -1461j	10 06:21	20 18:07		10 10:57	19 22:32		9 16:50	20 05:20	31 18:27
15 07:36	24 16:47	2 00:22	12 10:48	22 21:15	Nov. -1460j	12 15:33	22 02:37	June -1458j	11 22:39	23 11:04	
17 07:43	26 15:52	4 03:01	14 11:46	24 21:54	2 06:45	14 17:54	24 05:01	II 1 10:29	14 02:34	25 15:16	Jan. -1456j
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Apr. -1462j	10 10:27	22 01:20		8 05:36	20 09:07		7 13:13	19 02:29		8 17:45	17 07:47
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17 18:05	28 03:21	5 12:43	14 21:42	26 07:59	3 17:52	15 04:25	25 15:43	3 00:13	14 13:57	27 02:49	1 10:07
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22 03:21		9 14:47	19 02:22	30 15:36	7 22:11	19 11:17	30 01:11	7 03:58	18 22:30	31 10:58	5 16:15
24 13:53	Nov. -1462j	11 20:54	21 10:06		10 04:57	21 19:04		9 08:27	20 05:07		7 19:30
27 02:07	1 16:11	14 06:42	23 20:52	June -1460j	12 14:45	24 05:22	Jan. -1458j	11 15:01	23 13:37	Aug. -1457j	9 23:54
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May -1462j	9 04:57	21 19:23		7 00:12	20 04:22		6 08:24	18 22:09	31 01:38	7 13:45	17 04:37
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17 06:35	26 17:35	3 22:58	14 09:21	24 19:12	2 04:43	14 14:13	24 01:49	1 09:21	12 23:08	25 11:53	1 19:01
19 12:15	29 00:37	6 00:33	16 11:42	26 23:01	4 06:18	16 17:36	26 06:50	3 10:21	15 03:52	27 17:11	3 21:36
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24 10:01	Dec. -1462j	10 13:54	21 03:28		8 20:37	21 11:10	31 02:25	7 20:35	19 20:17		8 06:50
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29 09:15	4 00:02	15 14:01	26 04:36	2 00:17	4 06:20	26 12:15	Feb. -1458j	12 16:36	24 20:02	1 09:42	13 00:16
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	8 22:25	20 11:57	31 02:24	5 06:38	8 18:10		5 03:22	17 17:37		6 10:17	18 01:12
June -1462j	11 06:28	22 19:58		9 06:38	10 21:26	1 11:09	7 15:32	20 05:30	March -1457j	8 22:38	20 12:30
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5 03:36	15 17:08	27 05:24	2 10:05	13 22:54	23 12:34	2 19:12	12 08:49	24 19:15	3 03:19	13 13:14	25 00:41
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with clock times in UT/GMT. The year -1456 astronomical counting style corresponds to year 1457 B.C.E historical counting style.

May -1456j	Nov. -1456j	May -1455j	Dec. -1455j	June -1454j	Dec. -1454j	July -1453j	Jan. -1452j	July -1452j	Feb. -1451j	Aug. -1451j	Feb. -1450j
1 18:10	11 07:36	23 21:50	1 04:44	12 18:01	23 07:30	2 13:57	12 02:53	23 13:48	2 02:13	14 12:42	14 21:24
4 02:06	13 16:48	26 07:16	3 12:14	15 01:20	25 14:57	4 19:25	14 08:40	25 20:18	4 09:16	16 21:22	26 11:31
6 12:59	16 04:00	28 18:25	5 21:33	17 10:55	28 01:05	7 03:35	16 17:23	28 05:59	6 19:48	19 09:18	
9 01:30	18 16:20	31 06:48	8 08:45	19 22:48	30 13:29	9 14:38	19 04:49	30 18:04	9 08:27	21 22:15	March -1450j
11 14:23	21 04:59		10 21:27	22 11:49		12 03:16	21 17:21		11 20:44	24 09:47	1 00:14
14 02:30	23 16:49	June -1455j	13 10:05	24 23:32	Jan. -1453j	14 15:07	24 04:36	Aug. -1452j	14 06:38	26 18:51	3 12:59
16 12:38	26 02:11	2 19:29	15 20:15	27 07:44	2 02:14	17 00:10	26 12:59	2 06:25	16 13:39	29 01:34	5 23:57
18 19:36	28 07:47	5 06:39	18 02:17	29 11:58	4 12:46	19 05:54	28 18:19	4 16:52	18 18:25	31 06:35	8 08:43
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22 23:33		9 18:05	22 04:18	July -1454j	8 23:01	23 11:01		9 05:23	22 00:53	Sept. -1451j	12 20:34
24 22:48	Dec. -1456j	11 18:33	24 04:06	1 13:20	11 00:27	25 12:56	Feb. -1452j	11 08:41	25 03:47	2 10:20	14 23:52
26 22:48	2 09:03	13 17:47	26 05:43	3 13:44	13 01:32	27 15:48	1 23:38	13 11:21	27 07:05	4 13:03	17 01:42
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31 08:19	6 09:14	17 20:55	30 17:50	7 17:59	17 07:34		6 05:22	17 17:42	March -1451j	8 17:47	21 05:28
	8 13:54	20 03:22		9 23:32	19 13:40	Aug. -1453j	8 10:13	19 22:28	1 11:35	10 22:18	23 10:41
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23 09:12		11 04:31	22 14:50	Aug. -1454j	11 11:14	23 21:40	March -1452j	9 17:16	26 13:33	1 18:46	13 08:12
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July -1456j	9 16:13	22 06:18	Feb. -1454j	10 23:32	23 03:28	Sept. -1453j	11 08:57	20 22:20	12 16:23	13 01:36	24 15:50
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10 00:02	19 14:28		10 18:44	20 23:54	March -1453j	12 01:42	21 07:24	30 19:35	12 07:34	22 17:58	May -1450j
12 07:53	21 22:10	Aug. -1455j	12 23:59	23 06:59	2 13:35	4 15:47	23 14:07		14 11:08	24 20:51	2 00:17
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16 16:11	26 05:34	3 11:11	17 01:59	27 10:57	6 21:49	18 05:55	27 17:05	3 00:17	18 13:09	29 00:24	6 08:47
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27 09:33	1 08:38	13 18:50	28 03:40	4 19:25	17 09:39	29 11:27	2 21:33	13 10:43	29 19:21	4 14:23	17 03:36
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Sept. -1456j	12 19:34	22 08:12	3 22:21	14 11:27	26 01:28	3 05:59	12 09:22	22 00:24	3 15:03	14 05:34	25 18:11
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11 07:08	23 20:07	Oct. -1455j	14 20:52	25 08:03	2 16:56	14 03:48	23 13:31		14 08:23	24 18:46	2 04:30
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15 13:57	28 02:59	3 08:29	19 02:49	29 13:28	6 18:20	18 06:45	27 14:14	2 23:10	18 13:13	29 01:54	6 05:04
17 19:25	30 08:46	5 11:09	21 09:10	31 20:59	8 20:15	20 13:35	30 18:48	4 22:58	20 20:42	31 10:47	8 08:35
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22 13:39	Apr. -1455j	9 20:36	26 07:17	Nov. -1454j	12 10:36	25 12:58	June -1452j	9 07:18	25 19:51	Jan. -1450j	13 01:21
25 02:00	1 17:02	12 05:22	28 19:51	3 08:13	15 22:47	28 01:22	1 03:15	11 17:00	28 08:48	2 22:24	15 13:13
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30 00:26	6 16:19	17 05:39	May -1454j	8 09:14	20 22:42		6 03:16	16 17:59		8 00:10	20 14:26
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Oct. -1456j	11 13:21	22 00:59	3 13:26	13 01:22	25 14:27	2 21:11	11 02:17	22 00:24	3 07:00	12 21:17	25 09:38
2 07:02	13 19:10	24 05:59	5 18:05	15 06:20	27 19:38	4 04:18	13 11:12	24 06:03	5 14:11	15 03:29	27 14:08
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6 12:01	17 23:51	28 11:18	9 20:12	19 13:31		8 12:15	17 21:20	28 09:39	9 19:19	19 06:33	31 14:39
8 13:14	20 01:35	30 14:06	12 03:13	21							



Sept. -1450j	March -1449j	Sept. -1449j	Apr. -1448j	Oct. -1448j	Apr. -1447j	Nov. -1447j	May -1446j	Nov. -1446j	June -1445j	Dec. -1445j	June -1444j
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with clock times in UT/GMT. The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

Jan. -1443j	July -1443j	Jan. -1442j	Aug. -1442j	Feb. -1441j	Aug. -1441j	March -1440j	Sept. -1440j	March -1439j	Oct. -1439j	Apr. -1438j	Oct. -1438j
2 16:59	15 03:23	24 15:27	1 20:00	11 06:54	23 15:34	2 01:31	11 10:52	23 23:23	1 07:50	12 20:31	23 08:57
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24 01:33		9 13:42	19 01:21	29 11:37	6 21:29	19 12:31	27 22:45	5 04:51	16 21:56	29 09:25	3 16:39
26 04:15	Nov. -1443j	11 16:29	21 05:15	31 14:18	8 23:51	21 15:56	30 01:44	7 08:31	19 00:06	31 10:06	5 20:02
28 10:52	1 07:48	13 21:48	23 11:19		10 03:11	23 20:39		9 11:16	21 01:38		7 21:03
30 22:20	3 15:17	16 05:35	25 19:35	June -1441j	12 13:07	26 03:18	Jan. -1439j	11 13:32	23 04:01	Aug. -1438j	9 21:07
	6 01:12	18 15:34	28 06:01	2 18:33	15 14:39	28 12:26	1 05:10	13 16:12	25 08:59	2 10:54	11 22:12
May -1443j	8 12:47	21 03:23	30 18:21	5 00:48	17 23:32	30 23:56	3 09:44	15 20:37	27 17:40	4 13:44	14 02:09
1 10:45	11 01:26	23 16:21		7 09:20	20 10:39		5 16:28	18 04:05	30 05:36	6 20:13	16 09:59
3 23:19	13 14:18	26 04:50	Dec. -1442j	9 20:11	22 08:40	July -1440j	8 02:06	20 14:58		9 06:33	18 21:12
6 11:00	16 01:40	28 14:46	3 07:24	12 08:40	14 21:10	25 11:14	10 14:18	23 03:46	Feb. -1438j	11 19:09	21 09:49
8 20:23	18 09:40	30 20:45	5 19:09	17 07:32	17 07:32	27 20:39	12 02:57	25 15:49	1 18:29	14 07:28	23 21:47
11 02:09	20 13:29		8 03:33	19 14:24	20 13:29	30 02:21	14 06:05	28 01:00	4 05:39	16 17:51	26 07:56
13 04:14	22 13:57	June -1442j	10 07:59	22 17:45	23 23:11		16 18:24	30 07:03	6 13:56	19 01:56	28 16:01
15 03:53	24 12:59	1 23:00	12 09:14	25 17:45	25 11:14	Jan. -1440j	18 07:56		8 19:43	21 08:08	
17 03:08	26 12:48	3 22:59	14 09:01	27 07:58	27 20:39	30 02:21	10 12:33	20 00:09	10 23:56	23 12:47	March -1437j
19 04:10	28 15:15	5 22:39	16 09:14	29 11:37	29 11:37		12 14:41	22 02:15	1 10:56	25 16:01	2 22:06
21 08:38	30 21:23	7 23:50	18 11:29	31 14:18	31 14:18		14 15:58	24 04:14	3 13:55	27 18:13	5 02:13
23 16:59		9 10:35	20 16:49		30 00:00	Jan. -1439j	16 17:56	26 07:10	5 16:51	29 20:15	7 04:41
26 04:15	Dec. -1443j	11 12:11	22 13:57	July -1441j	2 06:29	3 13:31	18 21:33	28 11:28	7 20:07	31 23:33	9 06:15
28 16:47	3 06:57	14 21:23	25 12:21	2 06:29	4 15:41	10 20:59	30 13:08	30 17:11	10 00:01		11 08:12
31 05:12	5 18:47	17 09:31	28 00:54	4 15:41	7 02:57	12 05:58	25 20:37		12 05:14	Feb. -1439j	13 12:02
	8 07:34	20 22:29	30 13:55	7 02:57	9 15:28	16 17:58	28 07:31	14 12:44	16 14:54	26 13:49	15 18:58
June -1443j	10 20:13	22 11:01		9 15:28	12 04:08	19 06:27	30 20:11	19 11:49	17 19:15	March -1438j	18 05:12
2 16:40	13 07:42	24 21:39	Jan. -1441j	14 15:24	16 23:39	21 18:57	Aug. -1440j	18 11:09	19 12:49	10 15:35	20 17:31
5 02:18	15 16:44	27 05:03	2 02:02	19 04:06	20 10:29	24 05:35	2 08:15	20 00:01	22 02:15	13 02:09	23 05:37
7 09:12	17 22:20	30 08:49	4 11:45	22 04:50	25 19:04	26 12:39	4 17:27	23 10:39	24 16:08	15 09:51	25 15:42
9 12:52	20 00:34		6 17:54	27 06:40	27 20:24	28 15:44	6 22:36	25 10:39	26 10:01	17 14:59	30 04:08
11 13:52	22 00:33	July -1442j	8 20:28	29 12:14	30 00:00	31 21:22	8 00:18	28 11:28	28 19:10	19 18:32	
13 13:41	24 00:07	II 1 09:42	10 20:29	3 15:52		</					

with clock times in UT/GMT. The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

May -1437j	Nov. -1437j	May -1436j	Dec. -1436j	June -1435j	Dec. -1435j	July -1434j	Jan. -1433j	July -1433j	Feb. -1432j	Aug. -1432j	Feb. -1431j
2 18:22	12 07:32	23 20:20	1 06:29	12 17:41	23 05:13	2 14:02	12 01:13	24 09:56	2 20:43	14 05:45	12 17:42
4 22:16	14 11:48	26 00:09	3 08:59	14 19:28	25 06:49	4 14:34	14 01:47	26 11:11	4 22:40	16 09:42	25 23:18
7 03:59	16 17:23	28 05:31	5 12:14	16 22:57	27 10:57	6 16:53	16 04:42	28 15:35	7 04:25	18 17:38	28 08:28
9 11:40	19 00:53	30 13:29	7 17:43	19 05:38	29 18:44	8 22:25	18 11:14	30 23:53	9 14:14	21 04:44	
11 21:28	21 10:53		10 02:33	21 15:55		11 07:39	20 21:30		12 02:42	23 17:22	March -1431j
14 09:13	23 23:08	June -1436j	12 14:30	24 04:25	Jan. -1434j	13 19:32	23 10:04	Aug. -1433j	14 15:46	26 06:00	2 19:59
16 21:50	26 11:48	2 00:27	15 03:23	26 16:38	3 18:32	16 08:04	25 22:48	2 11:27	17 03:53	28 17:49	5 08:31
19 09:12	28 22:16	4 13:14	17 14:27	29 02:33	5 10:54	18 19:26	28 10:02	5 00:25	19 14:17	31 03:58	7 21:07
21 17:20		7 01:15	19 22:14		6 06:18	21 04:45	30 19:03	7 12:53	21 22:32		10 08:54
23 21:38	Dec. -1437j	9 10:12	22 03:07	July -1435j	8 15:51	23 11:51		9 23:39	24 04:11	Sept. -1432j	12 18:36
25 23:02	1 04:55	11 15:35	24 06:19	1 09:46	10 23:01	25 16:54	Feb. -1433j	12 08:15	26 07:04	2 11:30	15 00:54
27 23:20	3 08:03	13 18:26	26 09:03	3 14:51	13 04:17	27 20:11	2 01:48	14 18:28	28 07:45	4 15:41	17 03:27
30 00:25	5 09:14	15 20:19	28 12:02	5 18:36	15 08:06	29 22:15	4 06:26	16 18:15		6 16:45	19 03:17
	7 10:22	17 22:35	30 15:36	7 21:37	17 10:55		6 09:15	18 19:58	March -1432j	8 16:08	21 02:22
June -1437j	9 12:54	20 01:57		10 00:20	19 13:18	Aug. -1434j	8 10:51	20 20:34	1 07:41	10 15:56	23 02:57
1 03:40	11 17:27	22 06:39	Jan. -1435j	12 03:22	21 16:11	1 00:02	10 12:18	22 21:37	3 08:48	12 18:18	25 06:51
3 09:37	13 23:59	24 12:56	1 20:08	14 07:43	23 20:45	3 02:48	12 15:02	25 00:55	5 13:03	15 00:43	27 14:48
5 17:59	16 08:21	26 21:19	4 02:24	16 14:29	26 04:02	5 07:51	14 20:31	27 07:52	7 21:30	17 11:06	30 01:57
8 04:18	18 18:35	29 08:11	6 11:13	19 00:16	28 14:21	7 16:06	17 05:35	29 18:37	10 09:23	19 23:40	
10 16:09	21 06:42		8 22:43	21 12:26	31 02:38	10 03:20	19 17:35		12 22:25	22 12:18	
13 04:53	23 19:39	July -1436j	11 11:37	24 00:54	Feb. -1434j	12 15:53	22 06:22	Sept. -1433j	15 10:20	24 23:42	Apr. -1431j
15 16:59	26 07:10	1 20:56	13 23:22	26 11:21	2 14:45	15 03:25	24 17:32	1 07:28	17 20:11	27 09:30	4 03:03
18 02:23	28 15:04	4 09:32	16 07:53	28 18:33	4 13:59	17 12:22	27 01:55	3 19:53	20 03:59	29 17:24	6 14:33
20 07:45	30 18:45	6 19:24	18 12:45	30 22:50	5 00:33	19 18:31		6 06:10	22 09:54		9 00:20
22 09:22		9 01:17	20 14:59		7 07:16	21 22:35	March -1433j	8 13:59	24 13:57	Oct. -1432j	11 07:35
24 08:54	Jan. -1436j	11 03:46	22 16:12	Aug. -1435j	9 11:23	24 01:34	1 07:43	10 19:52	26 16:12	1 22:55	13 11:43
26 08:32	1 19:26	13 04:29	24 17:51	2 01:19	11 13:59	26 04:18	3 11:49	13 00:15	28 17:24	4 01:46	15 13:04
28 10:14	3 19:07	15 05:17	26 20:58	4 03:16	13 16:16	28 07:23	5 15:01	15 03:22	30 18:58	6 02:35	17 12:59
30 15:14	5 19:54	17 07:34	29 02:01	6 05:43	15 19:08	30 11:21	7 17:50	17 05:33		8 02:53	19 13:23
	7 23:11	19 12:03	31 09:14	8 09:24	17 23:10		9 20:43	19 07:35	Apr. -1432j	10 04:38	21 16:10
July -1437j	10 05:27	21 18:54		10 14:48	19 20:45	Sept. -1434j	12 00:22	21 10:53	1 22:42	12 09:41	23 22:39
2 23:32	12 14:19	24 03:58	Feb. -1435j	12 22:20	22 12:35	1 16:56	14 05:52	23 17:01	4 06:01	14 18:46	26 08:49
5 10:15	15 01:08	26 15:09	2 18:43	15 08:14	24 22:39	4 00:53	16 14:16	26 02:48	6 17:00	17 06:49	28 21:09
7 22:21	17 13:24	29 03:55	5 06:16	17 20:12	27 10:40	6 11:34	19 01:39	28 15:20	9 05:48	19 19:29	
10 11:04	20 02:20	31 16:53	7 19:06	20 08:55		9 00:05	22 14:28		11 17:48	22 06:43	May -1431j
12 23:28	22 14:28		10 07:25	22 20:15	March -1434j	11 12:10	24 01:59	Oct. -1433j	14 03:20	24 15:49	1 09:37
15 09:55	24 23:46	Aug. -1436j	12 17:09	25 04:22	1 23:05	13 21:32	26 10:20	1 03:57	16 10:20	26 22:57	3 20:46
17 16:50	27 05:01	3 03:51	14 23:05	27 08:49	4 09:43	16 03:18	28 15:23	3 14:15	18 15:27	29 04:22	6 05:58
19 19:46	29 06:35	5 11:04	17 01:32	29 10:29	6 16:55	18 06:13	30 18:18	5 21:24	20 19:21	31 08:10	8 13:02
21 19:44	31 06:03	7 14:19	19 01:54	31 10:56	8 20:37	20 07:50		8 02:10	22 22:22		10 17:51
23 18:46		9 14:48	21 01:57		10 22:01	22 09:43	Apr. -1433j	10 05:42	25 00:52	Nov. -1432j	12 20:36
25 19:03	Feb. -1436j	11 14:25	23 03:26	Sept. -1435j	12 22:50	24 12:56	1 20:33	12 08:52	27 03:38	2 10:36	14 21:59
27 22:24	2 05:33	13 15:02	25 07:35	2 11:55	14 00:40	26 17:51	3 23:15	14 12:02	29 07:54	4 12:23	16 23:19
30 05:36	4 07:01	15 18:08	27 14:52	4 14:50	17 04:38	29 00:28	6 02:52	16 15:28		6 14:52	19 02:06
	6 11:46	18 00:26		6 20:27	19 11:01		8 07:39	18 19:49	May -1432j	8 19:36	21 07:44
Aug. -1437j	8 20:02	20 09:45	March -1435j	9 04:44	21 19:35	Oct. -1434j	10 13:58	21 02:09	1 14:56	11 03:41	23 16:49
1 16:03	11 07:02	22 21:21	2 00:54	11 15:13	24 06:01	1 08:55	12 22:30	23 11:26	4 01:13	13 14:56	26 04:35
4 04:18	13 19:33	25 10:12	4 12:52	14 03:16	26 17:59	3 19:30	15 09:36	25 23:31	6 13:42	16 03:32	28 17:04
6 17:00	16 08:24	27 23:11	6 16:03	16 16:03	29 06:35	6 07:55	17 22:23	28 12:27	9 01:57	18 15:05	31 04:09
9 05:11	18 20:29	30 10:46	9 14:12	19 04:07	31 18:06	8 20:37	20 10:31	30 23:24	11 11:44	21 00:00	
11 15:53	21 06:28		12 00:50	21 13:40		11 07:05	22 19:34		13 18:23	23 06:12	June -1431j
13 23:56	23 13:13	Sept. -1436j	14 08:16	23 19:24	Apr. -1434j	13 13:36	25 00:42	Nov. -1433j	15 22:32	25 10:25	2 12:48
16 04:33	25 16:27	1 19:26	16 12:02	25 21:28	5 30:29	15 16:15	27 02:52	2 06:47	18 01:19	27 13:32	4 18:58
18 06:03	27 17:02	4 00:21	18 12:49	27 21:12	7 06:53	17 16:40	30 03:47	4 10:50	20 03:45	29 16:18	6 23:15
20 05:46	29 16:35	6 01:55	20 12:13	29 20:37	9 07:39	19 16:53		6 12:59	22 06:33		9 02:18
22 05:40		8 01:32	22 12:12		11 07:55	21 18:45	May -1433j	8 14:47	24 10:18	Dec. -1432j	11 04:47
24 07:42	March -1436j	10 01:03	24 14:39	Oct. -1435j	13 10:34	23 23:13	1 05:13	10 17:22	26 15:35	1 19:18	13 07:26
26 13:19	2 17:02	12 02:25	26 20:49	1 21:47	15 16:29	26 06:20	3 08:15	12 21:14	28 23:08	3 23:12	15 11:09
28 22:43	4 20:07	14 07:07	29 06:39	4 02:13	18 01:22	28 15:33	5 13:20	15 02:39	31 09:18	6 04:45	17 16:52
30 13:43	7 02:55	16 15:42	31 18:52	6 10:19	20 12:18	31 02:30	7 20:26	17 09:56		8 12:44	20 01:23
	9 13:17	19 03:19		8 21:13	22 12:18		10 05:35	19 19:30	June -1432j	10 23:46	22 12:36
Sept. -1437j	12 01:48	21 16:20	Apr. -1435j	11 09:35	23 00:27	Nov. -1434j	12 16:50	22 07:22	2 21:33	13 11:50	25 01:06
2 23:26	14 14:38	24 05:06	3 07:47	13 22:18	25 13:05	2 14:54	15 05:37	24 20:25	5 10:05	15 23:56	27 12:34
5 11:18	17 02:21	26 16:31	5 20:08	16 10:32	28 01:04	5 03:52	17 18:16	27 08:18	7 20:38	18 09:31	29 21:12
7 21:28	19 12:04	29 01:47	8 06:59	18 21:05	30 10:41	7 15:28	20 04:23	30 16:50	10 03:46	20 15:40	
10 05:29	21 19:20		10 15:27	21 04:35		9 23:32	22 10:32		12 07:35	22 18:52	July -1431j
12 11:04	23 23:56	Oct. -1436j	12 20:49	23 08:16	May -1434j	12 03:19	24 12:57	Dec. -1433j	14 09:16	24 20:28	2 02:39
14 14:12	26 02:10	1 08:14	14 23:02	25 08:43	2 16:32	14 03:47	26 13:11	1 21:24	16 10:19	26 21:59	4 05:45
16 15:33	28 02:57	3 11:39	16 23:03	27 07:41	4 18:32	16 02:56	28 13:13	3 22:59	18 12:08	29 00:41	6 07:52
18 16:22	30 03:40	5 12:35	18 22:35	29 07:22	6 18:06	18 02:59	30 14:46	5 23:19	20 15:45	31 05:14	8 10:13
20 18:15		7 12:23	20 23:44	31 09:57	8 17:19	20 05:44		8 00:09	22 21:41		10 13:35
22 22:45	Apr. -1436j	9 12:52	23 04:20		10 18:24	22 11:56	June -1433j	10 02:50	25 06:01	Jan. -1431j	12 18:24
25 06:50	1 05:59	11 15:57	25 13:06	Nov. -1435j	12 22:52	24 21:14	1 18:55	12 08:07	27 16:34	2 21:53	15 00:57
27 18:07	3 11:25	13 23:01	28 01:01	2 16:39	15 07:05	27 08:38	4 01:59	14 16:03	30 04:47	4 20:36	17 09:36
30 06:48	5 20:37	16 09:56	30 13:59	5 03:08	17 18:05	29 21:12	6 11:37	17 02:19		7 07:18	19 20:32
	8 08:43	18 22:55		7 15:39	20 06:26		8 23:14	19 14:24	July -1432j	9 19:35	22 09:03
Oct. -1437j	10 21:34	21 11:35	May -1435j	10 04:22	22 19:00	Dec. -1434j	11 12:04	22 03:25	2 17:32	12 08:07	24 21:10
2 18:38	13 09:01	23 22:29	3 02:07	12 16:18	25 06:57	2 10:04	14 00:53	24 15:50	5 04:56	14 18:50	27 06:33
5 04:13	15 18:05	26 07:15	5 12:36	15 02:52	27 17:10	4 22:03	16 11:53	27 01:43	7 13:16	17 02:00	29 12:07
7 11:20	18 00:48	28 13:59	7 21:08	17 11:20	30 00:22	6 18:06	18 19:27	29 07:50	9 17:49	19 05:21	31 14:26
9 16:26	20 05:35	30 18:44	9 12:05	19 16:48		8					

with clock times in UT/GMT. The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

Sept. -1431j	March -1430j	Sept. -1430j	Apr. -1429j	Oct. -1429j	Apr. -1428j	Nov. -1428j	May -1427j	Nov. -1427j	June -1426j	Dec. -1426j	June -1425j
1 00:32	13 12:10	22 23:23	2 09:59	12 21:53	23 10:44	2 23:39	15 11:58	24 23:52	2 07:51	12 19:35	12 04:40
3 01:40	15 14:35	25 03:11	4 12:29	15 01:07	25 14:08	5 03:02	17 14:51	27 02:10	4 08:53	14 19:37	26 04:35
5 05:44	17 19:42	27 09:06	6 16:39	17 05:45	27 18:55	7 07:34	19 19:19	29 06:51	6 09:50	16 20:26	28 06:27
7 12:59	20 03:27	29 17:10	8 22:51	19 12:14	30 01:37	9 14:11	22 02:34		8 12:33	19 00:01	30 11:44
9 22:47	22 13:26		11 07:21	20 20:59		11 23:39	24 13:07	Dec. -1427j	10 18:40	21 07:33	
12 10:15	25 01:12	Oct. -1430j	13 18:09	24 08:02	May -1428j	14 11:40	27 01:47	1 15:12	13 04:39	23 18:39	July -1425j
14 22:47	27 14:08	2 03:24	16 06:38	26 20:34	2 10:42	17 00:21	29 14:00	4 02:57	15 17:07	26 07:21	2 20:50
17 11:33	30 02:49	4 15:36	18 19:19	29 08:42	4 22:06	19 11:03	31 23:29	6 15:56	18 05:32	28 19:25	5 08:37
19 23:01		7 04:40	21 06:01	31 18:16	7 10:38	21 18:14		9 03:20	20 16:01	31 05:37	7 21:14
22 07:18	Apr. -1430j	9 16:36	23 13:14		9 22:06	23 22:11	June -1427j	11 11:49	23 00:05		10 09:02
24 11:28	1 13:12	12 01:16	25 16:48	Nov. -1429j	12 06:33	26 00:19	3 05:40	13 17:38	25 06:09	Jan. -1425j	12 19:12
26 12:09	3 19:41	14 05:54	27 17:50	1 3 00:09	14 11:25	28 02:14	5 09:27	15 21:51	27 10:43	2 13:47	15 03:15
28 11:14	5 22:16	16 07:16	29 17:59	5 02:48	16 13:35	30 05:05	7 12:11	18 01:19	29 14:02	4 20:02	17 08:57
30 10:56	7 22:17	18 07:06		7 03:36	18 14:40		9 14:53	20 04:27		7 00:27	19 12:16
	9 21:42	20 07:17	May -1429j	9 04:21	20 16:16		11 18:07	22 07:31	July -1426j	9 03:10	21 13:47
Oct. -1431j	11 22:29	22 09:28	1 18:59	11 06:36	22 19:34	Dec. -1428j	13 22:09	24 11:06	1 16:24	11 04:51	23 14:43
2 13:13	14 02:04	24 14:39	3 22:12	13 11:18	25 01:01	4 15:04	16 03:29	26 16:16	3 18:36	13 06:43	25 16:37
4 19:09	16 09:05	26 22:56	6 04:22	15 18:37	27 08:35	6 22:28	18 10:56	29 00:14	5 21:56	15 10:17	27 21:03
7 04:34	18 19:08	29 09:44	8 13:25	18 04:08	29 18:08	9 07:56	20 21:11	31 11:19	8 03:47	17 16:53	30 04:57
9 16:16	21 07:13	31 22:10	11 00:42	20 15:25		11 19:40	23 09:41		10 13:01	20 02:54	
12 04:54	23 20:12		13 13:18	23 03:52	June -1428j	14 08:33	25 22:20	Jan. -1426j	13 00:59	22 15:11	Aug. -1425j
14 17:29	26 08:51	Nov. -1430j	16 02:05	25 16:24	1 05:31	16 20:12	28 08:28	3 00:10	15 13:33	25 03:25	1 16:02
17 05:00	28 19:46	3 11:11	18 13:33	28 03:11	3 18:07	19 04:18	30 14:48	5 12:07	18 00:16	27 13:38	4 04:34
19 14:15		5 23:26	20 22:07	30 10:31	6 06:17	21 08:20		7 20:59	20 08:04	29 21:08	6 16:23
21 20:08	May -1430j	8 09:22	23 02:57		8 15:50	23 09:31	July -1427j	10 02:24	22 13:12		9 02:03
23 22:34	1 03:35	10 15:45	25 04:28	Dec. -1429j	10 21:24	25 09:50	2 17:53	12 05:26	24 16:40	Feb. -1425j	11 09:15
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	9 08:24	18 18:20		8 14:00	19 01:28		11 35:50	20 17:40		7 11:26	19 23:03
Nov. -1431j	11 10:27	20 21:42	June -1429j	10 17:16	21 06:26	Jan. -1427j	13 10:01	22 23:57	Aug. -1426j	9 14:41	22 02:01
1 03:21	13 15:58	23 04:56	2 10:17	13 00:08	23 14:19	4 04:59	15 18:12	25 08:26	2 05:49	11 19:18	24 06:38
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10 23:49	23 14:41		12 08:04	22 22:50	July -1428j	13 04:07	25 17:14	Feb. -1426j	11 21:42	21 11:47	
12 13:09	26 01:23	Dec. -1430j	14 19:44	25 10:16	1 00:43	15 13:36	28 00:36	1 20:31	14 09:07	23 22:35	Sept. -1425j
15 19:48	28 09:41	3 05:20	17 05:15	27 19:07	3 13:18	17 18:54	30 04:02	4 06:24	16 17:28	26 06:13	3 00:46
18 02:23	30 15:10	5 15:32	19 11:39	30 00:12	5 23:58	19 20:28		6 12:31	18 22:23	28 10:38	5 10:32
20 06:25		7 23:12	21 14:36		8 06:58	21 20:03	Aug. -1427j	8 15:18	21 00:46		7 17:05
22 08:18	June -1430j	10 03:48	23 14:50	Jan. -1428j	10 09:53	23 19:48	1 04:51	10 16:12	23 02:04	March -1425j	9 21:01
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10 17:50	22 07:18		12 01:21	21 16:44		11 21:01	24 09:35	1 03:49	10 17:27	23 07:16	
13 01:57	24 15:08	Jan. -1429j	14 10:58	24 01:30	Aug. -1428j	14 03:56	26 14:25	3 14:42	13 03:02	25 15:50	Oct. -1425j
15 07:50	26 20:51	1 21:10	16 18:18	26 08:05	2 06:29	16 06:59	28 15:50	5 22:12	15 08:50	27 20:33	2 19:57
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21 17:33	July -1430j	8 13:51	23 00:42		8 20:36	22 06:54	Sept. -1427j	12 02:25	21 11:18		9 07:18
23 20:01	1 03:05	10 15:24	25 05:51	Feb. -1428j	10 19:54	12 19:28	1 15:06	14 02:43	23 12:54	Apr. -1425j	11 08:16
25 23:36	3 04:36	12 16:07	27 03:10	1 11:15	11 15:57	14 21:22	3 16:43	16 05:24	25 17:24	2 23:12	13 10:34
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Jan. -1430j	12 03:35	21 18:13	Aug. -1429j	10 10:17	22 00:07	22 00:07	13 05:54	25 21:27	25 21:27	12 02:18	22 16:08
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9 09:57	21 21:31	31 10:38	10 16:35	20 07:01	31 20:53	13 10:45	22 23:13	Apr. -1426j	2 06:09	22 00:35	
11 14:43	24 02:25		12 23:43	22 13:54		15 15:25	25 02:20	26 09:35	12 18:41	24 06:31	Nov. -1425j
13 17:49	26 06:08	Feb. -1429j	15 04:56	24 18:21	Sept. -1428j	17 17:16	27 02:48	28 11:28	14 22:14	26 08:38	1 12:59
15 20:29	28 09:14	2 15:47	17 08:10	26 20:30	3 02:49	19 17:26	29 02:14	3 13:27	16 22:36	28 08:20	3 16:54
17 23:30	30 12:05	4 19:43	19 09:47	28 21:19	5 05:45			8 13:14	18 21:37	30 07:47	5 17:37
20 03:15		6 22:36	21 10:56		7 06:27	21 17:35		10 12:39	20 21:28		7 17:10
22 08:02	Aug. -1430j	9 00:50	23 13:17	March -1428j	9 06:30	23 19:31	Oct. -1427j	12 13:46	23 00:12	May -1425j	9 17:41
24 14:29	1 15:07	11 03:24	25 18:35	1 22:22	11 07:45	26 00:45	1 02:31	14 18:18	25 06:53	2 09:03	11 20:45
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31 23:47	8 11:52	18 02:20		8 17:56	18 06:59		7 23:17	22 03:30		9 08:09	18 22:37
	11 00:20	20 15:09	Sept. -1429j	11 06:12	20 19:41	Apr. -1427j	13 01:04	24 15:59	Nov. -1426j	11 20:12	21 10:49
Feb. -1430j	13 12:58	23 03:03	2 04:14	13 18:31	23 07:50	2 10:42	15 12:40	27 03:08	1 18:05	14 08:48	23 23:46
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7 23:48	20 09:38		9 05:46	20 19:29	30 08:24	11 21:38	22 10:29				

with clock times in UT/GMT. The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

Jan. -1424j	July -1424j	Jan. -1423j	Aug. -1423j	Feb. -1422j	Aug. -1422j	March -1421j	Sept. -1421j	March -1420j	Oct. -1420j	Apr. -1419j	Oct. -1419j
II 1 15:43	III 13 00:18	II 22 10:57	II 1 19:57	II 11 06:29	II 23 15:24	II 1 01:45	II 10 11:12	II 21 23:39	II 1 11:33	II 13 00:33	II 23 13:08
III 3 15:10	III 14 23:54	III 24 10:42	III 3 19:25	III 13 06:24	III 25 16:59	III 3 02:25	III 12 12:55	III 24 01:57	III 3 14:20	III 15 03:06	III 25 15:30
III 5 15:21	III 17 01:08	III 26 12:48	III 5 20:22	III 15 08:36	III 27 21:09	III 5 03:28	III 14 15:23	III 26 04:44	III 5 17:17	III 17 05:52	III 27 17:55
III 7 18:07	III 19 05:32	III 28 18:34	III 8 00:24	III 17 14:11	III 30 04:03	III 7 06:14	III 16 19:10	III 28 08:32	III 7 21:02	III 19 09:38	III 29 21:26
III 10 00:38	III 21 13:43	III 31 04:08	III 10 08:05	III 19 22:59	III 31 01:10	III 9 11:14	III 19 00:29	III 30 13:52	III 10 02:24	III 21 15:22	III 30 21:52
III 12 10:48	III 24 00:59		III 12 18:45	III 22 10:01	Sept. -1422j	III 11 18:25	III 21 07:37		III 12 10:14	III 23 23:46	Nov. -1419j
III 14 23:16	III 26 13:51	Feb. -1423j	III 15 07:03	III 24 22:15	III 1 13:11	III 14 03:36	III 23 16:58	Apr. -1420j	III 14 20:48	III 26 10:50	II 1 03:16
III 17 12:08	III 29 02:37	II 2 16:20	III 17 19:47	III 27 10:55	III 4 00:03	III 16 14:46	III 26 04:41	II 1 21:20	III 17 09:14	III 28 23:17	II 3 12:18
III 19 23:58	III 31 14:06	III 5 05:22	III 20 07:59		III 6 12:18	III 19 03:29	III 28 17:43	III 4 07:22	III 19 21:25		II 6 00:08
III 22 09:55		III 7 17:54	III 22 18:33	March -1422j	III 9 01:10	III 21 16:18		III 6 19:35	III 22 07:08	May -1419j	II 8 12:50
III 24 17:29	Aug. -1424j	III 10 04:57	III 25 02:12	II 1 23:01	III 11 12:51	III 24 02:53	Oct. -1421j	III 9 08:18	III 24 13:26	III 1 10:53	III 10 23:50
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Feb. -1424j	III 11 10:47	III 20 21:40	Sept. -1423j	III 12 16:27	III 22 01:13	Apr. -1421j	III 9 21:24	Nov. -1420j	III 22 09:01	III 12 08:28	III 21 21:27
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II 8 18:26	III 20 07:39		III 9 00:43	III 21 15:46		III 7 23:52	III 18 13:42	III 29 03:55	III 29 03:55	III 21 07:47	III 30 21:04
II 11 06:20	III 22 20:26	March -1423j	III 11 13:08	III 24 04:12	Oct. -1422j	III 10 09:27	III 23 23:45		III 23 11:41	III 23 18:40	Dec. -1419j
II 13 19:13	III 25 09:08	II 1 22:35	III 14 01:52	III 26 16:50	III 1 06:09	III 12 21:01	III 26 06:41	May -1420j	III 26 06:41	III 26 07:06	III 3 08:24
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II 18 16:08	III 30 04:58	III 7 00:00	III 19 00:18	III 31 15:14	III 6 07:20	III 17 22:45	III 30 23:22	III 11 11:52	III 29 05:05	III 31 04:59	III 7 02:57
II 20 23:01		III 9 10:37	III 21 08:47		III 8 19:21	III 20 10:04		III 13 16:45			III 9 02:57
II 23 03:56	Sept. -1424j	III 11 19:16	III 23 14:26	Apr. -1422j	III 11 04:59	III 22 18:07		III 15 18:25	III 23 03:24	June -1419j	III 10 17:22
II 25 07:23	II 1 11:41	III 14 01:44	III 25 16:58	II 2 22:51	III 13 10:54	III 24 22:14	Nov. -1421j	III 17 18:19	III 25 04:14	III 2 10:55	III 12 21:58
II 27 09:48	III 3 16:23	III 16 05:50	III 27 17:11	III 5 02:56	III 15 13:02	III 26 23:10	III 2 05:42	III 19 18:20	III 27 04:09	III 4 13:27	III 14 23:55
II 29 11:51	III 5 19:14	III 18 07:39	III 29 16:50	III 7 03:55	III 17 12:42	III 28 22:34	III 4 08:17	III 21 20:13	III 29 05:05	III 6 14:07	III 16 01:02
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March -1424j	III 9 21:53	III 22 08:58	Oct. -1423j	III 11 03:15	III 21 12:49		III 8 07:51	III 26 09:33	Dec. -1420j	III 10 17:09	III 21 06:37
II 2 14:33	III 12 00:26	III 24 12:04	III 1 18:06	III 13 05:44	III 23 17:02	May -1421j	III 10 08:36	III 28 20:32	III 1 08:34	III 12 21:56	III 23 12:14
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II 9 14:14	III 19 03:52	III 31 18:37	III 8 19:47	III 20 10:24	III 31 00:47	III 7 15:11	III 17 05:40		III 8 11:38	III 20 01:42	III 30 16:08
II 12 03:01	III 21 16:40		III 11 08:33	III 22 23:02		III 10 02:54	III 19 17:59	June -1420j	III 10 23:55	III 22 14:09	
II 14 14:52	III 24 03:29	Apr. -1423j	III 13 20:13	III 25 10:42	Nov. -1422j	III 12 15:50	III 22 06:58	III 21 20:13	III 13 12:33	III 25 02:48	Jan. -1418j
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II 29 22:47	III 5 04:11	III 16 16:36	III 29 04:47	III 6 13:09	III 15 23:19	III 28 09:02	III 3 19:49	III 5 19:21	III 28 15:49	III 5 23:24	II 15 10:29
	III 7 06:49	III 18 18:28	III 31 08:44	III 8 13:39	III 17 23:49	III 30 10:05	III 5 19:21	III 7 18:59	III 30 21:06	III 8 00:08	II 17 12:39
Apr. -1424j	III 9 10:08	III 20 21:46		III 10 15:42	III 20 02:38	June -1421j	III 7 18:59	III 21 20:13	III 10 03:44	III 10 03:44	II 19 17:39
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II 13 08:44	III 23 20:05	May -1423j	III 12 13:27	III 25 02:56	Dec. -1422j	III 15 04:36	III 22 06:58	III 24 01:12	III 22 15:32	III 22 15:32	II 1 03:01
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II 24 00:19	Nov. -1424j	III 11 20:06	III 23 11:16	June -1422j	III 10 15:42	III 26 09:17	Dec. -1421j	III 4 08:17	III 22 15:32	July -1419j	II 11 10:17
II 26 04:59	III 1 09:42	III 13 22:52	III 25 14:07	III 2 20:51	III 12 20:51	III 24 08:57	III 1 18:30	III 5 19:21	III 24 14:48	III 1 23:47	II 13 10:15
II 28 11:17	III 3 13:19	III 16 01:58	III 27 18:34	III 4 22:41	III 15 10:29	III 26 20:24	III 3 19:49	III 7 18:59	III 26 14:11	III 3 23:59	II 15 10:29
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May -1424j	III 10 08:47	III 22 22:15	Dec. -1423j	III 11 14:16	III 22 03:25	July -1421j	III 8 11:15	III 24 01:12	III 10 03:44	III 10 03:44	II 22 01:22
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II 8 07:22	III 17 21:10	III 30 09:37	III 7 12:32	III 20 05:59	III 29 20:15	III 10 02:54	III 17 00:10	III 31 09:01	III 16 00:14	III 16 00:14	II 28 04:51
II 10 17:44	III 20 05:53		III 9 22:24	III 22 17:30		III 12 15:50	III 19 13:15	III 2 05:42	III 20 14:11	III 20 14:11	II 30 16:08
II 13 00:08	III 22 10:48	June -1423j	III 12 13:27	III 25 02:56	Dec. -1422j	III 15 04:36	III 22 06:58	III 24 01:12	III 22 15:32	III 22 15:32	II 1 03:01
II 15 02:55	III 24 12:58	III 1 17:09	III 14 20:36	III 27 10:09	II 2 07:29	III 17 15:59	III 24 19:27	III 26 09:33	III 24 14:48	III 26 14:11	II 3 10:15
II 17 03:38	III 26 14:03	III 3 21:37	III 16 11:52	III 29 15:18	III 4 16:36	III 20 00:51	III 27 06:12	III 28 20:32	III 26 14:11	III 28 15:49	II 5 10:29
II 19 04:12	III 28 15:36	III 5 00:57	III 18 14:09	III 30 02:39	III 6 23:31	III 22 06:29	III 29 14:06	III 31 09:01	III 28 15:49	III 30 21:06	II 7 12:



with clock times in UT/GMT. The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

May -1418j	Nov. -1418j	May -1417j	Dec. -1417j	June -1416j	Dec. -1416j	July -1415j	Jan. -1414j	July -1414j	Feb. -1413j	Aug. -1413j	Feb. -1412j
2 22:55	12 11:52	24 23:17	2 09:37	12 19:28	23 05:52	2 14:36	12 01:24	24 10:08	2 20:59	15 06:45	24 19:12
5 01:29	14 13:33	26 23:43	4 10:18	14 19:01	25 04:59	4 14:21	14 00:55	26 10:06	4 21:27	17 08:46	26 22:14
7 03:16	16 14:20	28 23:59	6 09:42	16 18:33	27 05:03	6 14:01	16 00:59	28 11:28	6 23:59	19 12:53	29 02:57
9 05:17	18 15:49	31 02:07	8 09:59	18 20:10	29 07:51	8 15:26	18 03:22	30 09:09	9 05:26	21 19:13	
11 08:56	20 19:54		10 13:13	20 21:02	31 14:25	10 19:55	20 09:09		11 13:41	24 03:32	March -1412j
13 15:36	22 03:53	June -1417j	12 20:37	22 10:19		13 03:54	22 18:23	Aug. -1414j	14 00:03	26 13:42	2 09:22
16 01:48	25 15:31	2 07:49	15 07:40	25 21:59	Jan. -1415j	15 14:48	25 06:06	1 22:51	16 11:52	29 01:37	4 17:39
18 14:22	28 04:33	4 17:34	17 20:24	28 10:36	3 00:28	18 03:24	27 18:59	4 08:54	19 00:30	31 14:27	7 04:07
21 02:47	30 16:23	7 05:59	20 08:44	30 22:47	5 12:43	20 16:21	30 07:48	6 20:45	21 12:48		9 16:34
23 12:52		9 18:38	22 19:36		8 01:37	23 04:25		9 09:26	23 22:55	Sept. -1413j	12 05:25
25 19:58	Dec. -1418j	12 05:40	25 04:42	July -1416j	10 13:58	25 14:20	Feb. -1414j	11 21:54	26 05:19	3 02:14	14 16:12
28 00:46	3 01:37	14 14:36	27 11:48	3 09:41	13 00:42	27 21:05	1 19:22	14 08:43	28 07:45	5 10:44	16 23:03
30 04:17	5 08:28	16 21:37	29 16:36	5 18:34	15 08:55	30 00:28	4 04:26	16 16:25		7 15:02	19 02:02
	7 13:39	19 02:50	31 19:03	8 00:44	17 13:57		6 10:07	18 20:18	March -1413j	9 15:59	21 02:38
June -1418j	9 17:41	21 06:16		10 03:58	19 16:02	Aug. -1415j	8 12:22	20 21:01	2 07:32	11 15:34	23 02:51
1 07:17	11 20:45	23 08:11	Jan. -1416j	12 04:56	21 16:14	1 01:12	10 12:16	22 20:13	4 06:42	13 15:56	25 04:24
3 10:13	13 23:09	25 09:33	2 19:58	14 05:07	23 16:15	3 00:48	12 11:34	24 20:02	6 07:29	15 18:44	27 08:22
5 13:27	16 01:43	27 11:55	4 20:53	16 06:20	25 17:54	5 01:08	14 12:19	26 22:28	8 11:30	18 00:41	29 14:57
7 17:49	18 05:53	29 16:59	6 23:37	18 10:18	27 22:46	7 04:01	16 16:21	29 04:44	10 19:13	20 09:25	31 23:53
9 10:024	20 13:06		9 05:42	20 17:58	30 07:30	9 10:39	19 00:30	31 14:40	13 05:49	22 20:08	
12 10:02	22 23:49	July -1417j	11 15:32	22 04:54		11 21:01	21 12:03		15 17:58	25 08:12	Apr. -1412j
14 22:17	25 12:38	2 01:45	14 03:48	25 17:27	Feb. -1415j	14 09:38	24 01:04	Sept. -1414j	18 06:37	27 21:02	3 10:49
17 10:59	28 00:47	4 13:34	16 16:13	28 05:32	1 19:19	16 22:32	26 13:46	3 02:47	20 18:57	30 09:22	5 23:20
19 21:27	30 10:06	7 02:12	19 02:54	30 15:56	4 08:15	19 10:13		5 15:32	23 05:47		8 12:22
22 04:23		9 13:18	21 11:15		6 20:21	21 19:56	March -1414j	8 03:50	25 13:39	Oct. -1413j	10 23:59
24 08:17	Jan. -1417j	11 21:47	23 17:28	Aug. -1416j	9 06:31	24 03:20	1 01:03	10 14:56	27 17:40	2 19:15	13 08:13
26 10:36	1 16:16	14 03:53	25 21:59	2 00:10	11 14:23	26 08:11	3 10:25	12 23:48	29 18:23	5 01:10	15 12:20
28 12:46	3 20:14	16 08:20	28 01:11	4 06:13	13 19:59	28 10:38	5 17:17	15 05:27	31 17:28	7 03:08	17 13:13
30 15:40	5 23:14	18 11:44	30 03:34	6 10:17	15 23:30	30 11:24	7 21:16	17 07:40		9 02:37	19 12:42
	8 02:08	20 14:30		8 12:44	18 01:25		9 22:38	19 07:27	Apr. -1413j	11 01:49	21 12:46
July -1418j	10 05:21	22 17:10	Feb. -1416j	10 14:22	20 02:37	Sept. -1415j	11 22:32	21 06:43	2 17:10	13 02:50	23 15:07
2 19:42	12 09:15	24 20:38	1 05:56	12 16:22	22 04:28	1 11:54	13 22:48	23 07:42	4 19:32	15 07:10	25 20:41
5 01:05	14 14:28	27 02:03	3 09:27	14 20:07	24 08:30	3 13:53	16 01:29	25 12:18	7 01:47	17 15:11	28 05:28
7 08:18	16 21:56	29 10:24	5 15:19	17 02:50	26 15:56	5 19:07	18 08:07	27 21:07	9 11:45	20 02:01	30 16:45
9 17:58	19 08:15	31 21:40	8 00:16	19 12:52		8 04:20	20 18:45	30 09:00	11 23:54	22 14:21	
12 06:02	21 20:46		10 11:54	22 01:08	March -1415j	10 16:36	23 07:36		14 12:35	25 03:06	May -1412j
14 19:01	24 09:19	Aug. -1417j	13 00:22	24 13:25	1 02:51	13 05:31	25 20:14	Oct. -1414j	17 00:42	27 15:18	3 05:27
17 06:18	26 19:25	3 10:18	15 11:24	26 23:40	3 15:39	15 16:55	28 07:07	2 21:49	19 11:27	30 01:47	5 18:26
19 13:56	29 01:52	5 21:52	17 19:35	29 07:07	6 03:48	18 01:55	30 15:57	5 09:54	21 19:59		8 06:21
21 17:46	31 05:12	8 06:34	20 00:53	31 12:09	8 13:32			7 20:34	24 01:26	Nov. -1413j	10 15:39
23 19:08		10 12:08	22 04:11		10 20:32	10 20:32	12 13:54	10 05:30	26 03:46	1 09:13	12 21:20
25 19:51	Feb. -1417j	12 15:24	24 06:37	Sept. -1416j	13 01:27	13 01:27	24 17:35	12 22:49	28 03:57	3 13:02	14 23:33
27 21:31	2 06:50	14 17:37	16 09:09	2 15:40	15 05:04	15 05:04	26 19:59	4 03:44	30 03:48	5 13:50	16 23:32
30 01:04	4 08:18	16 19:52	28 12:32	4 18:31	17 07:58	17 07:58	28 21:46	6 06:37		7 13:16	18 23:02
	6 10:45	18 22:57		6 21:21	19 10:37	19 10:37		8 07:58	May -1413j	9 13:22	20 23:58
Aug. -1418j	8 14:53	20 03:27	March -1416j	11 05:18	23 17:59	23 17:59	Oct. -1415j	10 08:59	2 05:18	11 16:00	23 03:56
1 06:51	10 21:01	23 09:51	1 17:16	13 11:57	26 00:56	26 00:56	1 00:08	12 11:26	4 10:06	13 22:23	25 11:40
3 14:50	13 05:20	25 18:34	3 23:53	15 21:22	28 11:05	28 11:05	3 04:44	14 17:03	6 18:48	16 08:25	27 22:41
6 00:59	15 15:55	28 05:38	6 08:48	18 09:17	30 23:35	30 23:35	5 12:53	17 02:34	9 06:26	18 20:44	30 11:29
8 13:07	18 04:18	30 18:13	8 20:01	20 21:54			8 00:27	19 14:55	11 19:05	21 09:30	
11 02:14	20 17:06		10 18:30	23 08:41	Apr. -1415j	13 00:58	10 13:25	22 03:32	14 06:59	23 21:19	June -1412j
13 14:22	23 04:09	Sept. -1417j	13 20:10	25 16:05	2 11:59	15 09:34	13 00:58	24 14:18	16 17:14	26 07:22	2 00:21
15 23:18	25 11:46	2 06:25	16 04:59	27 20:11	4 21:53	17 15:24	15 09:34	26 22:30	19 01:25	28 15:08	4 12:01
18 04:10	27 15:37	4 16:06	18 10:11	29 22:19	7 04:23	19 19:32	17 15:24	28 04:33	21 07:18	30 20:18	6 21:32
20 05:39		6 22:08	20 12:31		9 08:13	21 22:56	19 19:32		23 10:52		9 04:18
22 05:28	March -1417j	9 00:54	22 13:32	Oct. -1416j	11 10:48	24 02:07	21 22:56	May -1414j	25 12:35	Dec. -1413j	11 08:08
24 05:32	1 16:45	11 01:47	24 14:54	2 00:06	13 13:20	26 05:17	24 02:07	1 09:05	27 13:35	2 22:57	13 09:33
26 07:30	3 16:51	13 02:28	26 17:55	4 02:45	15 16:31	28 08:55	26 05:17	3 12:30	29 15:24	4 23:55	15 09:42
28 12:26	5 17:39	15 04:31	28 23:12	6 06:53	17 20:36	30 14:03	28 08:55	5 15:04	31 19:34	7 00:34	17 10:15
30 20:29	7 20:36	17 08:57	31 06:42	8 12:37	20 01:59		30 14:03	7 17:24		9 02:35	19 12:59
	10 02:30	19 16:03		10 20:03	22 09:18	Nov. -1415j		19 20:39	June -1413j	11 07:31	21 19:17
Sept. -1418j	12 11:20	22 01:30	Apr. -1416j	13 05:32	24 19:12	1 21:51	12 02:13	21 22:32	21 14:35	13 16:12	24 05:25
2 07:07	14 22:28	24 12:50	2 16:12	15 17:11	27 07:28	4 08:48	14 11:04	24 06:37	24 00:31	16 03:57	26 18:02
4 19:30	17 11:00	27 01:23	5 03:27	18 06:03	29 20:13	6 21:41	16 22:49	26 11:52	26 12:49	18 16:47	29 06:51
7 08:36	19 23:49	29 13:59	7 15:56	20 17:49		9 09:49	19 11:29	28 05:17	29 01:07	21 04:26	
9 21:02	22 11:28		10 04:10	23 02:09	May -1415j	11 18:52	21 22:32	30 09:09		23 13:48	July -1412j
12 07:09	24 20:24	Oct. -1417j	12 14:06	25 06:23	2 06:48	14 00:20	24 06:37	1 20:35	Dec. -1414j	25 20:45	1 18:06
14 13:42	27 01:41	2 00:52	14 20:12	27 07:38	4 13:38	16 03:17	26 11:52	2 20:35	1 11:21	28 01:46	4 03:05
16 16:33	29 03:34	4 08:20	16 22:35	29 07:49	6 16:58	18 05:15	28 15:18	3 18:50	3 18:50	30 05:19	6 09:50
18 16:44	31 03:20	6 11:53	18 22:41	31 08:55	8 18:22	20 07:31	30 17:57	5 23:59	5 23:59		8 14:33
20 16:02		8 12:25	20 22:34		10 19:35	22 10:48		8 03:38	21 19:02	Jan. -1412j	10 17:28
22 16:24	Apr. -1417j	10 11:45	22 00:09	Nov. -1416j	12 21:57	24 15:25	June -1414j	10 06:33	22 20:02	1 07:53	12 19:05
24 19:34	2 02:52	12 12:00	25 04:41	2 12:16	15 02:08	26 21:40	1 20:35	12 09:21	23 04:55	3 10:03	14 20:24
27 02:31	4 04:08	14 14:59	27 12:19	4 18:15	17 08:14	29 06:02	3 23:46	16 17:11	28 12:02	5 12:49	16 22:55
29 13:00	6 08:41	16 21:33	29 22:22	7 02:29	19 16:19		6 04:09	18 23:52		7 17:27	19 04:14
	8 17:01	19 07:21		9 12:34	22 02:33	Dec. -1415j	8 10:27	20 19:21	July -1413j	10 01:07	21 13:18
Oct. -1418j	11 04:21	21 19:08	May -1416j	12 00:19	24 14:46	1 16:52	10 19:21	21 22:32	2 22:07	12 12:03	24 01:25
2 01:36	13 17:06	24 07:45	2 09:57	14 13:13	27 04:50	4 05:36	13 06:47	24 06:37	5 10:19	15 00:47	26 14:17
4 14:39	16 05:50	26 20:21	4 22:28	16 01:42	29 11:31	6 18:17	15 19:28	26 09:07	7 22:33	17 12:45	29 01:23
7 02:50	18 17:31	29 07:52	7 10:57	18 08:52	31 23:07	9 04:27	18 07:07	28 15:49	10 08:35	19 21:55	31 09:43
9 13:14	21 03:11	31 16:54	9 21:51	20 17:07		11 10:43	2				

with clock times in UT/GMT. The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

Sept. -1412j	March -1411j	Sept. -1411j	Apr. -1410j	Oct. -1410j	Apr. -1409j	Nov. -1409j	May -1408j	Nov. -1408j	June -1407j	Dec. -1407j	June -1406j
♈ 1 02:16	♈ 13 15:13	♈ 23 03:47	♈ 2 13:24	♈ 13 02:16	♈ 24 14:57	♈ 2 00:02	♈ 13 12:22	♈ 23 00:20	♈ 2 08:27	♈ 12 19:38	♈ 24 04:36
♈ 3 04:48	♈ 15 18:11	♈ 25 06:49	♈ 4 16:57	♈ 15 05:17	♈ 26 17:08	♈ 4 03:19	♈ 15 14:16	♈ 25 00:36	♈ 4 09:54	♈ 14 19:46	♈ 26 04:31
♈ 5 07:40	♈ 17 21:05	♈ 27 09:17	♈ 6 19:19	♈ 17 06:58	♈ 28 18:12	♈ 6 04:22	♈ 17 14:14	♈ 26 23:36	♈ 6 09:15	♈ 16 18:51	♈ 28 04:28
♈ 7 11:14	♈ 20 00:21	♈ 29 12:02	♈ 8 21:20	♈ 19 08:24	♈ 30 19:26	♈ 8 04:27	♈ 19 14:02	♈ 28 23:36	♈ 8 08:39	♈ 18 19:02	♈ 30 06:10
♈ 9 15:47	♈ 22 04:42		♈ 11 00:06	♈ 21 11:01		♈ 10 05:21	♈ 21 15:48		♈ 10 10:13	♈ 20 22:03	
♈ 11 21:53	♈ 24 11:08	Oct. -1411j	♈ 13 04:54	♈ 23 16:15	May -1409j	♈ 12 09:03	♈ 23 21:13	Dec. -1408j	♈ 12 15:21	♈ 23 04:40	July -1406j
♈ 14 06:20	♈ 26 20:24	♈ 1 16:18	♈ 15 12:41	♈ 26 00:57	♈ 2 22:26	♈ 14 16:49	♈ 26 06:46	♈ 1 02:44	♈ 15 00:12	♈ 25 14:31	♈ 2 10:45
♈ 16 17:33	♈ 29 08:18	♈ 3 23:16	♈ 17 23:28	♈ 28 12:40	♈ 5 04:40	♈ 17 04:18	♈ 28 19:06	♈ 3 10:04	♈ 17 11:39	♈ 28 02:25	♈ 4 18:28
♈ 19 06:28	♈ 31 21:02	♈ 6 09:24	♈ 20 11:53	♈ 31 01:23	♈ 7 14:36	♈ 19 17:24	♈ 31 07:55	♈ 5 21:03	♈ 20 00:11	♈ 30 15:15	♈ 7 04:51
♈ 21 18:39		♈ 8 21:44	♈ 22 23:40		♈ 10 03:04	♈ 22 05:37		♈ 8 09:44	♈ 22 12:39		♈ 9 17:03
♈ 24 03:40	Apr. -1411j	♈ 11 10:00	♈ 25 09:01	Nov. -1410j	♈ 12 15:42	♈ 24 15:41	June -1408j	♈ 10 22:17	♈ 25 00:10	Jan. -1406j	♈ 12 06:03
♈ 26 08:49	♈ 3 08:06	♈ 13 19:59	♈ 27 15:29	♈ 2 12:44	♈ 15 02:25	♈ 26 23:32	♈ 2 19:30	♈ 13 09:45	♈ 27 09:41	♈ 2 03:56	♈ 14 18:32
♈ 28 11:04	♈ 5 15:53	♈ 16 02:52	♈ 29 19:36	♈ 4 21:25	♈ 17 10:30	♈ 29 05:34	♈ 5 05:16	♈ 15 19:40	♈ 29 16:09	♈ 4 15:20	♈ 17 04:51
♈ 30 12:08	♈ 7 20:24	♈ 18 07:07		♈ 7 03:28	♈ 19 16:18		♈ 7 13:06	♈ 18 03:26		♈ 6 23:59	♈ 19 11:44
	♈ 9 22:47	♈ 20 09:50	May -1410j	♈ 9 07:40	♈ 21 20:30		♈ 9 18:48	♈ 20 08:23	July -1407j	♈ 9 05:02	♈ 21 14:54
Oct. -1412j	♈ 12 00:25	♈ 22 12:10	♈ 1 22:24	♈ 11 10:54	♈ 23 23:38	Dec. -1409j	♈ 1 09:57	♈ 12 22:11	♈ 1 19:13	♈ 11 06:43	♈ 23 15:21
♈ 2 13:37	♈ 14 02:31	♈ 24 14:59	♈ 4 00:53	♈ 13 13:47	♈ 26 02:05	♈ 3 12:45	♈ 3 12:45	♈ 13 23:36	♈ 3 19:42	♈ 13 06:24	♈ 25 14:47
♈ 4 16:37	♈ 16 05:53	♈ 26 18:52	♈ 6 03:47	♈ 15 16:47	♈ 28 04:30	♈ 5 14:22	♈ 5 14:22	♈ 16 00:11	♈ 5 19:17	♈ 15 05:59	♈ 27 15:07
♈ 6 21:34	♈ 18 11:03	♈ 29 00:21	♈ 8 07:45	♈ 17 20:31	♈ 30 07:55	♈ 7 15:59	♈ 7 15:59	♈ 18 01:47	♈ 7 20:02	♈ 17 07:26	♈ 29 18:03
♈ 9 04:34	♈ 20 18:23	♈ 31 07:54	♈ 10 13:22	♈ 20 01:55		♈ 9 19:17	♈ 9 19:17	♈ 20 06:13	♈ 9 23:44	♈ 19 12:15	
♈ 11 13:44	♈ 23 04:03		♈ 12 21:13	♈ 22 09:59	June -1409j	♈ 12 01:54	♈ 12 21:43	♈ 22 14:36	♈ 12 07:15	♈ 21 20:56	Aug. -1406j
♈ 14 01:02	♈ 25 15:53	Nov. -1411j	♈ 15 07:37	♈ 24 20:59	♈ 1 13:42	♈ 14 12:19	♈ 25 02:16	♈ 25 02:16	♈ 14 18:05	♈ 24 08:37	♈ 1 00:38
♈ 16 13:54	♈ 28 04:41	♈ 2 17:51	♈ 17 19:52	♈ 27 09:42	♈ 3 22:49	♈ 17 01:07	♈ 27 15:02	♈ 27 15:02	♈ 2 04:20	♈ 26 21:31	♈ 3 10:44
♈ 19 02:37	♈ 30 16:29	♈ 5 05:51	♈ 20 08:05	♈ 29 21:35	♈ 6 10:51	♈ 19 13:31	♈ 30 02:32	♈ 30 02:32	♈ 4 16:38	♈ 29 10:01	♈ 5 23:06
♈ 21 12:54		♈ 7 18:27	♈ 22 18:01		♈ 8 23:36	♈ 21 23:24		♈ 7 05:13	♈ 22 06:00	♈ 31 20:59	♈ 8 12:06
♈ 23 19:16	May -1411j	♈ 10 05:22	♈ 25 00:27	Dec. -1410j	♈ 11 10:28	♈ 24 06:26	July -1408j	♈ 9 16:24	♈ 24 15:11	Feb. -1406j	♈ 11 00:21
♈ 25 21:54	♈ 3 01:17	♈ 12 12:56	♈ 27 03:44	♈ 2 06:26	♈ 13 18:08	♈ 26 11:24	♈ 2 11:45	♈ 12 01:36	♈ 26 22:03	♈ 3 05:44	♈ 13 10:49
♈ 27 22:13	♈ 5 06:22	♈ 14 16:55	♈ 29 05:15	♈ 4 11:47	♈ 15 22:59	♈ 28 15:17	♈ 4 18:49	♈ 14 08:51	♈ 29 02:22	♈ 5 11:51	♈ 15 18:43
♈ 29 22:07	♈ 7 08:23	♈ 16 18:26	♈ 31 06:37	♈ 6 14:40	♈ 18 02:13	♈ 30 18:35	♈ 7 00:11	♈ 16 14:09	♈ 31 04:28	♈ 7 15:16	♈ 17 23:33
♈ 31 23:22	♈ 9 08:49	♈ 18 19:08		♈ 8 16:40	♈ 20 04:59		♈ 9 04:05	♈ 18 17:31		♈ 9 16:34	♈ 19 01:35
	♈ 11 09:23	♈ 20 20:41	June -1410j	♈ 10 19:07	♈ 22 07:59	Jan. -1408j	♈ 11 06:45	♈ 20 19:25	Aug. -1407j	♈ 11 06:34	♈ 21 01:47
Nov. -1412j	♈ 13 11:37	♈ 23 00:17	♈ 1 22:44	♈ 12 22:44	♈ 24 11:31	♈ 1 21:33	♈ 1 21:33	♈ 13 08:44	♈ 2 05:20	♈ 11 16:59	♈ 23 01:46
♈ 3 03:13	♈ 15 16:29	♈ 25 06:25	♈ 4 13:38	♈ 15 03:41	♈ 26 15:59	♈ 4 00:36	♈ 4 00:36	♈ 15 11:12	♈ 4 06:28	♈ 13 18:09	♈ 25 03:27
♈ 5 10:09	♈ 18 00:16	♈ 27 14:54	♈ 6 20:10	♈ 17 10:07	♈ 28 22:14	♈ 6 04:45	♈ 6 04:45	♈ 17 15:39	♈ 6 09:31	♈ 15 21:43	♈ 28 08:28
♈ 7 19:53	♈ 20 10:33	♈ 30 01:20	♈ 9 04:41	♈ 19 18:28		♈ 8 11:15	♈ 8 11:15	♈ 19 23:18	♈ 8 15:48	♈ 18 04:55	♈ 30 17:30
♈ 10 07:39	♈ 22 22:37		♈ 11 15:10	♈ 22 05:10	July -1409j	♈ 10 20:57	♈ 10 20:57	♈ 22 10:15	♈ 11 01:38	♈ 20 15:42	
♈ 12 20:31	♈ 25 11:28	Dec. -1411j	♈ 14 03:21	♈ 24 17:46	♈ 1 07:07	♈ 13 09:18	♈ 13 09:18	♈ 24 22:52	♈ 13 13:50	♈ 23 04:28	Sept. -1406j
♈ 15 09:19	♈ 27 23:43	♈ 2 13:17	♈ 16 15:59	♈ 27 06:17	♈ 3 18:48	♈ 15 21:57	♈ 15 21:57	♈ 27 10:38	♈ 16 02:14	♈ 25 16:55	♈ 2 05:37
♈ 17 20:29	♈ 30 09:42	♈ 5 01:57	♈ 19 02:53	♈ 29 16:07	♈ 6 07:43	♈ 18 08:20	♈ 18 08:20	♈ 29 19:48	♈ 18 13:01	♈ 28 03:24	♈ 4 18:38
♈ 20 04:29		♈ 7 13:46	♈ 21 10:12	♈ 31 21:53	♈ 8 19:12	♈ 20 15:17	♈ 20 15:17		♈ 20 21:25	♈ 30 01:35	
♈ 22 08:43	June -1411j	♈ 9 22:45	♈ 23 13:35	Jan. -1409j	♈ 11 03:13	♈ 22 19:21	Aug. -1408j	♈ 8 09:08	♈ 23 03:34	March -1406j	♈ 9 16:29
♈ 24 09:45	♈ 1 16:08	♈ 12 03:48	♈ 25 14:16	♈ 3 00:12	♈ 13 07:38	♈ 24 21:52	♈ 1 02:09	♈ 10 15:24	♈ 25 07:54	♈ 2 11:26	♈ 12 00:15
♈ 26 09:09	♈ 3 18:54	♈ 14 05:18	♈ 27 14:12	♈ 5 00:47	♈ 15 09:45	♈ 27 00:08	♈ 3 06:25	♈ 12 19:45	♈ 27 10:57	♈ 4 17:17	♈ 14 05:56
♈ 28 08:53	♈ 5 19:06	♈ 16 04:54	♈ 29 15:21	♈ 7 01:38	♈ 17 11:13	♈ 30 06:49	♈ 5 09:32	♈ 14 22:56	♈ 29 13:18	♈ 6 21:23	♈ 16 09:33
♈ 30 10:50	♈ 7 18:30	♈ 18 04:41		♈ 9 04:13	♈ 19 13:25		♈ 7 12:16	♈ 17 01:36	♈ 31 15:44	♈ 9 00:08	♈ 18 11:23
	♈ 9 19:07	♈ 20 06:38	July -1410j	♈ 11 09:10	♈ 21 17:02	Feb. -1408j	♈ 9 15:10	♈ 19 04:25	♈ 21 08:09	Sept. -1407j	♈ 20 12:21
Dec. -1412j	♈ 11 22:38	♈ 22 11:57	♈ 1 19:05	♈ 12 22:18	♈ 23 22:18	♈ 2 12:07	♈ 11 18:52	♈ 21 08:09	♈ 23 13:42	♈ 13 04:10	♈ 22 13:55
♈ 2 16:23	♈ 14 05:51	♈ 24 20:37	♈ 4 01:44	♈ 15 16:22	♈ 26 05:25	♈ 4 19:25	♈ 12 00:12	♈ 23 13:42	♈ 25 21:52	♈ 15 07:40	♈ 24 17:55
♈ 5 01:43	♈ 16 16:19	♈ 27 07:37	♈ 6 10:51	♈ 16 01:29	♈ 18 16:43	♈ 7 05:12	♈ 16 07:58	♈ 25 21:52	♈ 5 01:10	♈ 17 13:58	♈ 27 01:40
♈ 7 13:44	♈ 19 04:40	♈ 29 19:49	♈ 8 21:47	♈ 18 12:28	♈ 20 02:19	♈ 9 17:15	♈ 18 18:30	♈ 29 19:48	♈ 7 10:07	♈ 19 23:45	♈ 29 13:03
♈ 10 02:45	♈ 21 17:32		♈ 10 11:02	♈ 21 01:00		♈ 9 17:15	♈ 21 06:56		♈ 9 21:49	♈ 22 12:08	
♈ 12 15:20	♈ 24 05:50	Jan. -1410j	♈ 13 22:51	♈ 23 13:53	Aug. -1409j	♈ 12 06:04	♈ 23 19:12	March -1407j	♈ 12 10:25	♈ 25 00:43	Oct. -1406j
♈ 15 02:30	♈ 26 16:29	♈ 1 08:26	♈ 16 10:38	♈ 26 00:51	♈ 2 15:21	♈ 14 17:18	♈ 26 05:02	♈ 2 21:09	♈ 14 21:28	♈ 27 11:08	♈ 2 02:02
♈ 17 11:25	♈ 29 00:21	♈ 3 20:33	♈ 18 19:21	♈ 28 07:58	♈ 5 03:35	♈ 17 01:05	♈ 28 11:27	♈ 5 08:56	♈ 17 05:30	♈ 29 18:30	♈ 4 13:58
♈ 19 17:22		♈ 6 06:45	♈ 20 23:54	♈ 30 10:59	♈ 7 12:42	♈ 19 05:15	♈ 30 14:53	♈ 7 18:05	♈ 19 10:36	♈ 31 23:21	♈ 6 23:20
♈ 21 20:12	July -1411j	♈ 8 13:30	♈ 23 00:53	Feb. -1409j	♈ 9 17:44	♈ 21 06:54	Sept. -1408j	♈ 9 23:56	♈ 21 13:46	Apr. -1406j	♈ 9 06:11
♈ 23 20:37	♈ 1 04:41	♈ 10 16:20	♈ 25 00:06	♈ 1 11:41	♈ 11 19:31	♈ 23 07:38	♈ 1 16:37	♈ 12 03:09	♈ 23 16:18	♈ 3 02:47	♈ 11 11:18
♈ 25 20:10	♈ 3 05:50	♈ 12 16:14	♈ 26 23:46	♈ 3 10:46	♈ 13 19:47	♈ 25 09:02	♈ 3 18:06	♈ 14 05:03	♈ 25 19:08	♈ 5 05:44	♈ 13 15:18
♈ 27 20:51	♈ 5 05:11	♈ 14 15:10	♈ 29 01:53	♈ 5 11:36	♈ 15 20:24	♈ 27 12:14	♈ 5 20:33	♈ 16 07:00	♈ 27 22:46	♈ 7 08:43	♈ 15 18:26
♈ 30 00:38	♈ 7 04:45	♈ 16 15:27	♈ 31 07:29	♈ 7 15:08	♈ 17 22:48	♈ 29 17:50	♈ 5 20:33	♈ 18 10:03	♈ 30 03:34	♈ 9 12:05	♈ 17 20:57
	♈ 9 06:40	♈ 18 18:59		♈ 9 21:51	♈ 20 03:44	March -1408j	♈ 8 00:45	♈ 20 14:45	♈ 22 21:19	♈ 11 16:29	♈ 19 23:37
Jan. -1411j	♈ 11 22:29	♈ 21 02:35	Aug. -1410j	♈ 12 22:18	♈ 23 22:18	♈ 2 12:07	♈ 10 07:03	Oct. -1407j	♈ 12 15:34	♈ 13 22:53	♈ 20 03:48
♈ 1 08:35	♈ 13 22:17	♈ 23 13:27	♈ 2 16:27	♈ 15 16:22	♈ 26 05:25	♈ 4 19:25	♈ 12 00:12	♈ 23 13:42	♈ 25 21:52	♈ 15 07:40	♈ 24 17:55
♈ 3 20:08	♈ 16 10:39	♈ 26 01:54	♈ 5 03:42	♈ 16 01:29	♈ 18 16:43	♈ 7 05:12	♈ 16 07:58	♈ 25 21:52	♈ 5 01:10	♈ 17 13:58	♈ 27 01:40
♈ 6 09:13	♈ 18 23:32	♈ 28 14:29	♈ 7 16:07	♈ 18 12:28	♈ 20 02:19	♈ 9 17:15	♈ 18 18:30	♈ 29 19:48	♈ 7 10:07	♈ 19 23:45	♈ 29 13:03
♈ 8 21:38	♈ 21 11:34	♈ 31 02:23	♈ 10 04:52	♈ 19 20:18		♈ 9 17:15	♈ 21 06:56		♈ 9 21:49	♈ 22 12:08	

with clock times in UT/GMT. The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

Jan. -1405j	July -1405j	Jan. -1404j	Aug. -1404j	Feb. -1403j	Aug. -1403j	March -1402j	Sept. -1402j	March -1401j	Oct. -1401j
II 1 14:05	III 13 23:34	II 23 10:58	II 1 18:40	II 11 06:36	II 23 17:42	II 3 02:38	II 12 15:25	II 25 05:21	II 2 12:56
III 3 15:10	III 16 00:35	II 25 11:51	II 3 20:55	II 13 08:59	II 25 20:59	II 5 07:05	II 14 20:05	II 27 09:13	II 4 18:16
III 5 15:06	III 18 01:13	II 27 13:01	II 5 22:33	II 15 11:20	II 28 00:05	II 7 10:34	II 16 23:06	II 29 11:16	II 6 21:01
III 7 15:42	III 20 03:02	II 29 15:49	II 8 00:56	II 17 14:28	II 30 03:14	II 9 13:23	II 19 00:57	II 31 12:29	II 8 21:59
III 9 18:27	III 22 07:06	II 31 20:58	II 10 04:49	II 19 18:42		II 11 15:59	II 21 02:44	II 10 22:33	II 10 22:33
III 12 00:11	III 24 13:52		II 12 10:25	II 22 00:14	Sept. -1403j	II 13 19:19	II 23 05:59	Apr. -1401j	II 13 00:26
III 14 08:54	III 26 23:07	Feb. -1404j	II 14 17:48	II 24 07:33	II 1 06:54	II 16 00:44	II 25 12:12	II 2 14:17	II 15 05:14
III 16 19:59	III 29 10:22	II 3 04:28	II 17 03:13	II 26 17:19	II 3 11:57	II 18 09:18	II 27 21:58	II 4 18:16	II 17 13:44
III 19 08:33	III 31 22:53	II 5 14:02	II 19 14:44		II 5 19:33	II 20 20:53	II 30 10:14	II 7 01:34	II 20 01:20
III 21 21:31		II 8 01:20	II 22 03:27	March -1403j	II 8 06:15	II 23 09:39		II 9 12:09	II 22 14:06
III 24 09:27	Aug. -1405j	II 10 13:50	II 24 15:18	II 1 05:25	II 10 19:03	II 25 20:59	Oct. -1402j	II 12 00:33	II 25 01:51
III 26 18:45	II 3 11:30	II 13 02:13	II 26 23:58	II 3 18:17	II 13 07:20	II 28 05:14	II 2 22:37	II 14 12:32	II 27 11:22
III 29 00:21	II 5 22:29	II 15 12:27	II 29 04:36	II 6 05:14	II 15 16:41	II 30 10:28	II 5 08:58	II 16 22:27	II 29 18:32
III 31 02:25	II 8 06:12	II 17 18:56	II 31 06:05	II 8 12:26	II 17 22:23		II 7 16:33	II 19 05:50	II 31 23:42
	II 10 10:06	II 19 21:34		II 10 15:55	II 20 01:25	Apr. -1402j	II 9 21:48	II 21 11:01	
Feb. -1405j	II 12 10:57	II 21 21:40	Sept. -1404j	II 12 17:09	II 22 03:20	II 1 13:44	II 12 01:34	II 23 14:38	Nov. -1401j
II 2 02:12	II 14 10:27	II 23 21:16	II 2 06:18	II 14 18:01	II 24 05:31	II 3 16:12	II 14 04:34	II 25 17:20	II 3 03:20
II 4 01:34	II 16 10:37	II 25 22:24	II 4 07:12	II 16 20:03	II 26 08:44	II 5 18:46	II 16 07:22	II 27 19:48	II 5 05:54
II 6 02:30	II 18 13:16	II 28 02:32	II 6 10:16	II 19 00:05	II 28 13:17	II 7 22:01	II 18 10:33	II 29 22:52	II 7 08:03
II 8 06:37	II 20 19:26		II 8 16:00	II 21 06:14	II 30 19:25	II 9 10:27	II 20 14:56		II 9 10:45
II 10 14:38	II 23 04:55	March -1404j	II 11 00:07	II 23 14:23		II 12 08:44	II 22 21:27	May -1401j	II 11 15:16
II 13 01:50	II 25 16:36	II 1 09:59	II 13 10:08	II 26 00:34	Oct. -1403j	II 14 17:31	II 25 06:44	II 2 03:27	II 13 22:46
II 15 14:40	II 28 05:13	II 3 20:05	II 15 21:45	II 28 12:40	II 3 03:36	II 17 04:50	II 27 18:30	II 4 10:29	II 16 09:30
II 18 03:34	II 30 17:48	II 6 07:47	II 18 10:31	II 31 01:42	II 5 14:13	II 19 17:35	II 30 07:05	II 6 20:25	II 18 22:09
II 20 15:26		II 8 20:19	II 20 23:01		II 8 02:52	II 22 05:30		II 9 08:30	II 21 10:12
II 23 01:21	Sept. -1405j	II 11 08:52	II 23 09:03	Apr. -1403j	II 10 15:41	II 24 14:31	Nov. -1402j	II 11 20:46	II 23 19:36
II 25 08:26	II 2 05:18	II 13 20:01	II 25 15:00	II 2 13:31	II 13 02:05	II 26 19:56	II 1 18:07	II 14 06:59	II 26 01:52
II 27 12:14	II 4 14:24	II 16 04:00	II 27 16:59	II 4 21:55	II 15 08:36	II 28 22:30	II 4 01:59	II 16 14:04	II 28 05:49
	II 6 19:58	II 18 07:59	II 29 16:34	II 7 02:11	II 17 11:31	II 30 23:38	II 6 06:37	II 18 18:16	II 30 08:43
March -1405j	II 8 21:57	II 20 08:36		II 9 03:16	II 19 12:19		II 8 09:00	II 20 20:43	
II 1 13:11	II 10 21:30	II 22 07:38	Oct. -1404j	II 11 03:02	II 21 12:51	May -1402j	II 10 10:36	II 22 22:45	Dec. -1401j
II 3 12:40	II 12 20:39	II 24 07:20	II 1 16:00	II 13 03:29	II 23 14:39	II 3 00:52	II 12 12:44	II 25 01:25	II 2 11:33
II 5 12:38	II 14 21:38	II 26 09:45	II 3 17:19	II 15 06:07	II 25 18:42	II 5 03:25	II 14 16:18	II 27 05:24	II 4 14:52
II 7 15:07	II 17 02:12	II 28 15:59	II 5 21:50	II 17 11:40	II 28 01:16	II 7 08:04	II 16 21:45	II 29 11:01	II 6 18:58
II 9 21:36	II 19 10:53	II 31 01:44	II 8 05:42	II 19 20:04	II 30 10:15	II 9 15:08	II 19 05:15	II 31 18:36	II 9 00:22
II 12 08:04	II 21 22:34		II 10 16:07	II 22 06:45		II 12 00:34	II 21 14:52		II 11 07:49
II 14 20:51	II 24 11:20	Apr. -1404j	II 13 04:04	II 24 19:05	Nov. -1403j	II 14 12:04	II 24 02:25	June -1401j	II 13 17:59
II 17 09:43	II 26 23:44	II 2 13:39	II 15 16:48	II 27 08:08	II 1 21:19	II 17 00:48	II 26 15:03	II 3 04:26	II 16 06:24
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II 22 06:53		II 7 14:44	II 20 16:20		II 6 22:55	II 21 23:19		II 8 04:53	II 21 05:01
II 24 14:27	Oct. -1405j	II 10 02:03	II 22 23:57	May -1403j	II 9 10:20	II 24 05:50	Dec. -1402j	II 10 15:55	II 23 11:17
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	II 8 08:22	II 18 18:26	II 31 03:04	II 8 13:38	II 17 23:02		II 7 19:14	II 19 05:27	
Apr. -1405j	II 10 07:54	II 20 17:49		II 10 13:07	II 19 23:05	June -1402j	II 9 19:38	II 21 07:03	
II 1 23:15	II 12 08:07	II 22 18:59	Nov. -1404j	II 12 14:09	II 22 01:21	II 1 10:05	II 11 21:58	II 23 10:48	
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II 13 16:33	II 24 06:15	May -1404j	II 11 22:58	II 24 14:05	Dec. -1403j	II 13 07:13	II 23 22:01	July -1401j	
II 16 03:51	II 26 17:05	II 2 08:27	II 14 11:15	II 27 02:18	II 1 16:20	II 15 19:47	II 26 10:21	II 2 23:27	
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II 25 04:48	Nov. -1405j	II 11 23:07	II 23 14:10	June -1403j	II 11 08:07	II 24 19:59	Jan. -1401j	II 12 13:40	
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May -1405j	II 8 18:56	II 20 05:16		II 9 00:06	II 19 10:36		II 8 05:48	II 20 16:51	
II 1 10:51	II 10 21:31	II 22 08:53	Dec. -1404j	II 11 02:39	II 21 14:23	July -1402j	II 10 09:28	II 22 22:26	
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II 24 12:59	Dec. -1405j	II 12 11:16	II 22 23:35	July -1403j	II 9 19:27	II 24 06:10		II 11 01:38	
II 26 15:44	II 1 23:03	II 14 12:58	II 25 00:53	II 2 09:03	II 11 21:08	II 26 05:30	Feb. -1401j	II 13 01:15	
II 28 19:11	II 4 01:34	II 16 14:57	II 27 02:44	II 4 10:01	II 13 21:14	II 28 06:16	II 2 16:29	II 15 00:20	
II 31 00:26	II 6 03:59	II 18 18:35	II 29 06:40	II 6 10:37	II 15 21:29	II 30 10:25	II 4 15:59	II 17 01:04	
	II 8 07:25	II 21 01:04	II 31 13:55	II 8 12:31	II 17 23:55		II 6 17:57	II 19 05:04	
June -1405j	II 10 13:08	II 23 10:50	Jan. -1403j	II 10 17:25	II 20 06:10	Aug. -1402j	II 8 23:49	II 21 12:49	
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II 14 10:47	II 24 22:47	II 3 05:26	II 14 23:23	II 25 06:56	Feb. -1402j	II 14 03:18	II 23 17:49	Sept. -1401j	
II 16 14:08	II 27 02:05	II 5 10:37	II 17 02:59	II 27 12:01	II 3 20:38	II 16 10:03	II 25 23:42	II 2 23:26	
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