

with clock times in UT/GMT. The year -3101 astronomical counting style corresponds to year 3102 B.C.E historical counting style.

Table with 12 columns representing months from Dec. -3101j to Oct. -3095j. Each cell contains a moon phase symbol and a time value. The symbols include various moon phases like waxing crescent, first quarter, waxing gibbous, full moon, waning gibbous, last quarter, and waning crescent. The time values are in UT/GMT format.

with clock times in UT/GMT. The year -3094 astronomical counting style corresponds to year 3095 B.C.E historical counting style.

Table with 14 columns representing months and years from -3094 to -3088. Each cell contains a zodiac symbol and a time value. The table is organized in a grid where each row represents a specific date and the columns represent the month/year. The zodiac signs are: ♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓, ♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓.

with clock times in UT/GMT. The year -3088 astronomical counting style corresponds to year 3089 B.C.E historical counting style.

Aug. -3088j ♁ 22 19:28 ♂ 25 06:15 ♂ 27 19:05 ♁ 30 07:14	March -3087j ♁ 2 00:26 ♂ 4 08:55 ♂ 6 20:45 ♁ 9 09:41 ♁ 11 21:08 ♁ 14 05:59 ♁ 16 12:28 ♁ 18 17:19 ♁ 20 21:02 ♁ 22 23:52 ♁ 25 02:13 ♁ 27 05:03 ♁ 29 09:47 ♁ 31 17:38	Sept. -3087j ♁ 11 11:45 ♁ 13 22:05 ♁ 16 10:43 ♁ 18 23:10 ♁ 21 09:50 ♁ 23 18:26 ♁ 26 01:12 ♁ 28 06:17 ♁ 30 09:38	March -3086j ♁ 24 01:24 ♁ 26 12:36 ♁ 29 01:16 ♁ 31 13:26	Oct. -3086j ♁ 1 05:17 ♁ 3 14:42 ♁ 6 02:41 ♁ 8 15:23 ♁ 11 03:26 ♁ 13 14:04 ♁ 15 22:36 ♁ 18 04:29 ♁ 20 07:35 ♁ 22 08:35 ♁ 24 08:55 ♁ 26 10:23 ♁ 28 14:37 ♁ 30 22:36	Apr. -3085j ♁ 12 18:43 ♁ 15 05:01 ♁ 17 17:26 ♁ 20 06:23 ♁ 22 18:30 ♁ 25 04:46 ♁ 27 12:19 ♁ 29 16:48	Oct. -3085j ♁ 23 08:12 ♁ 25 19:36 ♁ 28 08:27 ♁ 30 21:20	May -3084j ♁ 1 13:03 ♁ 3 22:41 ♁ 6 10:40 ♁ 8 23:36 ♁ 11 12:14 ♁ 13 23:24 ♁ 16 07:55 ♁ 18 13:01 ♁ 20 14:50 ♁ 22 14:33 ♁ 24 13:58 ♁ 26 15:11 ♁ 28 19:54 ♁ 31 04:43	Nov. -3084j ♁ 11 03:15 ♁ 13 13:47 ♁ 16 01:50 ♁ 18 14:29 ♁ 21 02:50 ♁ 23 13:32 ♁ 25 21:05 ♁ 28 00:45 ♁ 30 01:13	May -3083j ♁ 23 17:39 ♁ 26 04:14 ♁ 28 16:14 ♁ 31 04:56	Dec. -3083j ♁ 3 08:16 ♁ 5 18:45 ♁ 8 06:52 ♁ 10 19:46 ♁ 13 07:25 ♁ 15 15:36 ♁ 17 19:33 ♁ 19 20:13 ♁ 21 19:39 ♁ 23 19:59 ♁ 25 22:53 ♁ 28 05:02 ♁ 30 14:03	June -3082j ♁ 14 21:27 ♁ 17 08:23 ♁ 19 21:07 ♁ 22 09:49 ♁ 24 19:55 ♁ 27 01:58 ♁ 29 04:23	July -3082j ♁ 1 04:49 ♁ 3 05:13 ♁ 5 07:10 ♁ 7 11:34 ♁ 9 18:32 ♁ 12 03:50 ♁ 14 15:06 ♁ 17 03:53 ♁ 19 16:52 ♁ 22 04:02 ♁ 24 11:32 ♁ 26 14:59 ♁ 28 15:29 ♁ 30 14:54	Aug. -3082j ♁ 1 15:14 ♁ 3 18:03 ♁ 6 00:12 ♁ 8 09:31 ♁ 10 21:11 ♁ 13 10:03 ♁ 15 22:59 ♁ 18 10:35 ♁ 20 19:25 ♁ 23 03:37 ♁ 25 02:26 ♁ 27 10:10 ♁ 29 01:40 ♁ 31 02:52	Sept. -3082j ♁ 1 20:20 ♁ 4 15:42 ♁ 7 03:15 ♁ 9 16:14 ♁ 12 04:57 ♁ 14 16:15 ♁ 17 01:25 ♁ 19 07:56 ♁ 21 11:37 ♁ 23 12:54 ♁ 25 13:00 ♁ 27 13:37 ♁ 29 16:37	Oct. -3082j ♁ 1 23:26 ♁ 4 10:07 ♁ 6 23:02 ♁ 9 11:42 ♁ 11 22:28 ♁ 14 06:59 ♁ 16 13:27 ♁ 18 18:08 ♁ 20 21:08 ♁ 22 22:52 ♁ 25 09:11 ♁ 27 11:42 ♁ 29 14:07 ♁ 31 18:14	Nov. -3082j ♁ 3 06:42 ♁ 5 19:30 ♁ 8 06:11 ♁ 10 13:56 ♁ 12 19:22 ♁ 14 23:28 ♁ 16 18:08 ♁ 18 21:08 ♁ 20 23:02 ♁ 22 08:43 ♁ 24 11:42 ♁ 26 16:09 ♁ 28 21:05 ♁ 30 23:02	Dec. -3082j ♁ 1 01:48 ♁ 3 03:52 ♁ 5 15:03 ♁ 7 22:50 ♁ 9 10:32 ♁ 11 18:06 ♁ 13 23:35 ♁ 15 16:05 ♁ 17 22:42 ♁ 19 09:37 ♁ 21 16:05 ♁ 23 23:35 ♁ 25 10:32 ♁ 27 17:01 ♁ 29 23:34
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with clock times in UT/GMT. The year -3082 astronomical counting style corresponds to year 3083 B.C.E historical counting style.

Dec. -3082j 25 11:30 27 23:01 30 11:57	July -3081j 2 07:49 4 14:45 7 00:36 9 12:49 12 01:25 14 11:56 16 19:06 18 23:09 21 01:17 23 02:54 25 05:11 27 08:52 29 14:28 31 22:14	Jan. -3080j 11 21:04 14 04:30 16 14:51 19 03:10 21 15:17 24 01:04 26 07:39 28 11:30 30 13:48	July -3080j 23 08:20 25 16:38 28 03:50 30 16:20	Feb. -3079j 1 21:12 4 06:09 6 18:01 9 06:44 11 17:51 14 02:06 16 07:38 18 11:23 20 14:22 22 17:14 24 20:26 27 00:30	Aug. -3079j 14 08:24 16 18:57 19 07:43 21 20:08 24 06:19 26 13:53 28 19:25 30 23:34	Feb. -3078j 23 21:51 26 09:34 28 22:36	Sept. -3078j 3 00:59 5 11:11 7 23:47 10 12:26 12 23:42 15 09:10 17 16:49 19 22:22 22 01:35 24 02:51 26 03:28 28 20:25 30 10:16	March -3077j 15 14:51 18 01:58 20 14:37 23 03:03 25 14:19 27 23:53 30 07:07	Sept. -3077j 25 04:29 27 16:15 30 04:53	Apr. -3076j 1 02:06 3 08:57 5 18:59 8 07:07 10 20:03 13 08:37 15 19:31 18 03:30 20 07:57 22 09:20 24 09:04 26 08:59 28 10:54 30 16:13	Oct. -3076j 11 14:24 13 22:39 16 09:33 18 22:03 21 11:03 23 23:19 26 09:21 28 15:58 30 18:59	Nov. -3076j 1 19:18 3 18:37 5 18:55 7 22:00 10 04:58 12 15:33 15 04:16 17 17:14 20 05:09 22 15:14 24 22:53 27 03:41 29 05:46	Dec. -3076j 1 06:01 3 06:04 5 07:52 7 13:08 9 22:33 12 10:57 14 23:58 17 11:34 19 21:00 22 04:21 24 09:49 26 13:26 28 15:25 30 16:35										
Jan. -3081j 1 23:53 4 08:35 6 13:26 8 15:27 10 16:17 12 17:35 14 20:28 17 01:34 19 08:59 21 18:39 24 06:20 26 19:13 29 07:39 31 17:33	Feb. -3081j 2 23:40 5 02:11 7 02:26 9 02:16 11 03:27 13 07:21 15 14:32 18 00:38 20 12:43 23 01:38 25 14:09 28 00:51	March -3081j 2 08:26 4 12:25 6 13:24 8 12:52 10 12:44 12 14:56 14 20:48 17 06:28 19 18:42 22 07:42 24 20:01 27 06:45 31 20:41	April -3081j 2 23:13 4 23:33 6 23:17 9 00:23 11 04:43 13 13:12 16 01:03 18 14:02 21 02:09 23 12:26 25 20:42 28 06:48 30 16:48	May -3081j 2 08:40 4 09:21 6 10:30 8 13:59 10 21:16 13 08:16 15 21:05 18 09:11 20 19:02 23 02:33 25 08:16 27 12:32 29 15:31 31 17:36	June -3081j 2 19:45 4 23:26 6 07:07 9 16:19 12 04:50 14 17:06 17 03:01 19 09:58 21 14:39 23 18:04 25 20:57 27 23:48 30 03:09	July -3080j 11 21:04 14 04:30 16 14:51 19 03:10 21 15:17 24 01:04 26 07:39 28 11:30 30 13:48	Aug. -3080j 2 03:50 4 12:40 6 18:35 8 22:20 11 01:02 13 03:39 15 06:52 17 11:11 19 17:07 22 01:19 24 12:03 27 00:32 29 12:39 31 22:05	Sept. -3080j 3 03:51 5 06:33 7 07:48 9 09:17 11 12:16 13 17:16 16 00:13 18 09:02 20 19:46 23 08:11 25 20:53 28 07:32 30 14:17	Oct. -3080j 2 17:03 4 17:17 6 17:06 8 18:29 10 22:41 13 05:52 15 15:22 18 02:33 20 14:57 23 03:50 25 15:30 27 23:54 30 04:02	Nov. -3080j 1 04:38 3 03:40 5 03:23 7 05:44 9 11:41 11 21:01 14 08:33 16 21:08 19 09:53 21 21:46 24 07:19 26 13:16 28 15:32 30 15:19	Dec. -3080j 2 14:34 4 15:25 6 19:30 9 03:30 11 14:41 14 03:23 16 16:00 19 03:29 21 13:01 23 19:56 25 23:56 28 01:28 30 01:44	Jan. -3079j 1 02:27 3 05:21 5 11:45 7 21:50 10 10:18 12 22:56 15 10:01 17 18:49 20 01:21 22 05:54 24 08:51 26 10:46 28 12:36 30 15:38	Feb. -3079j 1 06:20 3 02:07 5 15:42 7 21:53 9 04:34 11 03:48 13 06:58 15 08:04 17 08:19 19 09:34 21 13:41	March -3079j 1 06:20 3 02:07 5 15:42 7 21:53 9 04:34 11 03:48 13 06:58 15 08:04 17 08:19 19 09:34 21 13:41	April -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	May -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	June -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	July -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	Aug. -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	Sept. -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	Oct. -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	Nov. -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07	Dec. -3079j 1 11:21 3 15:09 5 19:55 8 02:31 10 11:51 12 23:39 15 15:43 18 04:25 20 14:46 22 21:48 25 02:10 27 05:15 29 08:07

with clock times in UT/GMT. The year -3075 astronomical counting style corresponds to year 3076 B.C.E historical counting style.

Apr. -3075j 23 04:01 25 13:06 28 00:31 30 13:14	Nov. -3075j 2 18:10 5 03:57 7 15:27 10 04:00 12 16:32 15 03:24 17 10:57 19 14:34 21 15:04 23 14:16 25 14:21 27 17:11 29 23:47	May -3074j 15 08:18 17 18:09 20 05:42 22 18:18 25 06:30 27 16:10 29 21:57	Nov. -3074j 24 22:32 27 08:15 29 19:59	June -3073j 1 21:47 4 03:30 6 11:14 8 21:30 11 09:59 13 22:42 16 09:01 18 15:27 20 18:25 22 19:30 24 20:33 26 22:55 29 03:16	Dec. -3073j 12 11:07 14 16:37 17 00:41 19 11:43 22 00:35 24 12:40 26 21:39 29 02:59 31 05:41	June -3072j 22 22:13 25 04:12 27 13:25 30 01:24	Jan. -3071j 2 10:47 4 17:26 7 03:25 9 15:40 12 03:56 14 14:05 16 21:21 19 02:11 21 05:28 23 08:08 25 10:54 27 14:24 29 19:18	July -3071j 14 21:35 17 05:27 19 16:27 22 04:57 24 16:41 27 02:10 29 09:06 31 13:56	Jan. -3070j 24 10:13 26 18:55 29 06:40 31 19:28	Aug. -3070j 1 12:01 3 14:58 5 21:31 8 07:52 10 20:33 13 09:13 15 20:07 18 04:43 20 11:11 22 15:49	Feb. -3069j 10 23:13 13 03:03 15 11:02 17 22:37 20 11:42 23 00:03 25 10:30 27 18:52	March -3069j 2 01:11 4 05:24 6 07:36 8 08:32 10 09:38 12 12:45 14 19:29 17 06:04 19 18:52 22 07:16 24 21:11 27 00:57 29 06:38 31 10:55	Apr. -3069j 2 14:05 4 16:25 6 18:42 8 22:14 10 04:31 13 14:18 16 02:40 18 15:10 21 01:26 23 08:38 25 13:20 27 16:39 29 19:27	May -3069j 1 22:18 4 01:41 6 06:17 8 13:01 10 22:34 13 10:35 15 23:17 18 10:10 20 17:42 22 21:59 25 00:10 27 01:41 29 03:45 31 07:14	June -3069j 2 12:36 4 20:11 7 06:07 9 18:04 12 06:53 14 18:32 17 03:08 19 07:59 21 09:49 23 10:47 25 10:40 27 12:59 29 18:05	July -3069j 2 02:07 4 12:37 7 00:47 9 13:37 12 01:46 14 11:36 16 17:53 18 20:31 20 20:36 22 19:58 24 20:38 26 20:19 28 18:29 31 18:29	Aug. -3069j 3 06:56 5 19:43 8 07:51 10 18:21 13 02:08 15 06:57 17 11:51 19 13:24 21 05:16 23 00:54 25 05:42 27 10:59 29 11:18 31 06:34	Sept. -3069j 4 22:07 6 22:41 8 22:25 10 21:07 12 18:33 14 15:08 16 11:48 18 08:32 20 05:50 22 03:47 24 01:56 26 00:45 28 00:02 30 00:00	Oct. -3069j 5 00:14 7 06:03 9 09:36 11 12:13 13 14:56 15 18:18 17 22:36 19 20:49 21 18:14 23 15:28 25 12:42 27 10:04 29 07:46 31 05:55	Nov. -3069j 6 11:02 8 18:05 10 23:06 12 26:47 14 30:43 16 34:55 18 39:15 20 43:42 22 47:55 24 52:07 26 56:18 28 60:28 30 64:37	Dec. -3069j 7 07:52 9 14:08 11 19:31 13 24:52 15 30:11 17 35:28 19 40:42 21 45:55 23 51:07 25 56:18 27 61:28 29 66:37 31 71:45	Jan. -3069j 8 14:05 10 19:18 12 24:31 14 29:44 16 34:57 18 40:10 20 45:23 22 50:36 24 55:49 26 60:62 28 65:75 30 70:88	Feb. -3069j 9 20:19 11 25:32 13 30:45 15 35:58 17 41:11 19 46:24 21 51:37 23 56:50 25 62:03 27 67:16 29 72:29 31 77:42	March -3069j 10 26:31 12 31:44 14 36:57 16 42:10 18 47:23 20 52:36 22 57:49 24 63:02 26 68:15 28 73:28 30 78:41	April -3069j 11 32:42 13 37:55 15 43:08 17 48:21 19 53:34 21 58:47 23 64:00 25 69:13 27 74:26 29 79:39 31 84:52	May -3069j 12 38:53 14 44:06 16 49:19 18 54:32 20 59:45 22 64:58 24 70:11 26 75:24 28 80:37 30 85:50	June -3069j 13 45:04 15 50:17 17 55:30 19 60:43 21 65:56 23 71:09 25 76:22 27 81:35 29 86:48 31 92:01	July -3069j 14 51:15 16 56:28 18 61:41 20 66:54 22 72:07 24 77:20 26 82:33 28 87:46 30 92:59	Aug. -3069j 15 57:26 17 62:39 19 67:52 21 73:05 23 78:18 25 83:31 27 88:44 29 93:57 31 99:10	Sept. -3069j 16 63:37 18 68:50 20 74:03 22 79:16 24 84:29 26 89:42 28 94:55 30 100:08	Oct. -3069j 17 69:48 19 75:01 21 80:14 23 85:27 25 90:40 27 95:53 29 100:66	Nov. -3069j 18 75:59 20 81:12 22 86:25 24 91:38 26 96:51 28 102:04 30 107:17	Dec. -3069j 19 82:10 21 87:23 23 92:36 25 97:49 27 103:02 29 108:15 31 113:28	Jan. -3069j 20 88:21 22 93:34 24 98:47 26 104:00 28 109:13 30 114:26	Feb. -3069j 21 94:32 23 99:45 25 104:58 27 110:11 29 115:24 31 120:37	March -3069j 22 100:43 24 105:56 26 111:09 28 116:22 30 121:35	April -3069j 23 106:54 25 112:07 27 117:20 29 122:33 31 127:46	May -3069j 24 113:05 26 118:18 28 123:31 30 128:44	June -3069j 25 119:16 27 124:29 29 129:42 31 134:55	July -3069j 26 125:27 28 130:40 30 135:53	Aug. -3069j 27 131:38 29 136:51 31 142:04	Sept. -3069j 28 137:49 30 143:02 31 148:15	Oct. -3069j 29 143:60 31 148:73	Nov. -3069j 30 149:84 31 154:97	Dec. -3069j 31 156:05
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with clock times in UT/GMT. The year -3069 astronomical counting style corresponds to year 3070 B.C.E historical counting style.

Table with 12 columns representing months from August to June and 12 rows representing years from -3069 to -3001. Each cell contains a zodiac sign symbol and a time value.

with clock times in UT/GMT. The year -3063 astronomical counting style corresponds to year 3064 B.C.E historical counting style.

Dec. -3063j 00:17 06:18 19:00	July -3062j 2 05:35 4 06:54 6 10:50 8 18:23 11 05:17 13 17:45 16 05:46 18 15:56 20 23:53 23 05:44 25 09:46 27 12:24 29 14:20 31 16:38	Jan. -3061j 01:11 16:56 02:11 18:37 03:15 23:21 04:18 07:54 05:11 20:34 06:13 08:25 07:15 20:25 08:18 06:23 09:20 14:02	July -3061j 02:24 01:47 03:26 04:32 04:28 10:57 05:30 21:07 06:32 12:09 07:34 01:03 08:36 14:34 09:38 17:00 10:40 19:05 11:42 21:06 12:44 22:51 13:46 23:08 14:48 23:35	Feb. -3060j 2 12:59 4 16:45 6 7:00:36 8 9:11:59 10 12:01:03 12 15:00:36 14 18:00:55 16 21:00:55 18 24:00:55 20 27:00:55 22 30:00:55 24 33:00:55 26 36:00:55 28 39:00:55 30 42:00:55	Aug. -3060j 01:13 22:44 02:16 04:41 03:18 14:27 04:21 02:41 05:23 15:40 06:26 03:45 07:28 14:41 08:30 23:31	Feb. -3059j 02:23 11:27 03:25 18:57 04:28 05:37 05:30 20:03 06:32 12:08 07:34 14:20 08:36 17:09 09:38 19:16 10:40 21:33 11:42 22:03 12:44 23:31 13:46 00:02 14:48 11:16 15:50 22:28 16:52 03:42 17:54 14:56 18:56 26:10 19:58 07:24 20:59 18:38 22:01 29:52 23:03 01:06 24:05 12:20 25:07 23:34 26:09 04:48 27:11 15:62 28:13 26:76 29:15 37:90 30:17 08:04 31:19 19:18	Sept. -3059j 03:28 18:33 04:30 00:18 05:32 11:32 06:34 22:46 07:36 04:00 08:38 15:14 09:40 26:28 10:42 07:42 11:44 18:56 12:46 30:10 13:48 01:24 14:50 12:38 15:52 23:52 16:54 05:06 17:56 16:20 18:58 27:34 19:59 08:48 21:01 19:62 22:03 30:76 23:05 01:90 24:07 12:04 25:09 23:18 26:11 04:32 27:13 15:46 28:15 26:60 29:17 07:74 30:19 18:88 31:21 30:02	March -3058j 04:35 07:59 05:37 17:43 06:39 29:43 07:41 10:27 08:43 21:41 09:45 03:15 10:47 14:29 11:49 25:43 12:51 07:17 13:53 18:31 14:55 29:45 15:57 11:09 16:59 22:23 18:01 04:07 19:03 15:21 20:05 26:35 21:07 08:09 22:09 19:23 23:11 30:37 24:13 12:11 25:15 23:25 26:17 05:09 27:19 16:23 28:21 27:37 29:23 09:51 30:25 21:05 31:27 32:19	Sept. -3058j 05:24 21:06 06:26 04:20 07:28 13:42 08:30 27:08 09:32 10:22 10:34 21:36 11:36 04:50 12:38 16:04 13:40 27:18 14:42 09:32 15:44 20:46 16:46 32:00 17:48 05:14 18:50 16:28 19:52 27:42 20:54 10:56 21:56 22:10 22:58 05:24 24:00 16:38 25:02 27:52 26:04 11:06 27:06 22:20 28:08 05:34 29:10 16:48 30:12 28:12 31:14 09:26	Apr. -3057j 06:20 02:07 07:22 05:25 08:24 16:42 09:26 03:06 10:28 14:20 11:30 25:37 12:32 08:11 13:34 19:25 14:36 30:42 15:38 13:16 16:40 24:30 17:42 07:14 18:44 18:28 19:46 31:45 20:48 14:59 21:50 26:13 22:52 09:47 23:54 20:61 24:56 31:75 25:58 05:09 27:00 16:23 28:02 27:37 29:04 09:51 30:06 21:05 31:08 32:19	Oct. -3057j 07:12 14:26 08:14 18:26 09:16 17:00 10:18 19:08 11:20 21:08 12:22 24:06 13:24 26:18 14:26 28:30 15:28 30:42 16:30 02:54 17:32 14:08 18:34 25:22 19:36 07:36 20:38 18:50 21:40 30:04 22:42 12:18 23:44 23:32 24:46 06:46 25:48 17:60 26:50 28:74 27:52 40:00 28:54 13:24 29:56 24:38 30:58 35:52 31:00 09:16	Nov. -3057j 08:02 08:30 09:04 18:56 10:06 17:30 11:08 19:38 12:10 21:46 13:12 23:54 14:14 26:02 15:16 28:10 16:18 30:18 17:20 02:26 18:22 13:40 19:24 24:54 20:26 08:08 21:28 19:22 22:30 30:36 23:32 14:00 24:34 25:14 25:36 36:28 26:38 10:42 27:40 21:56 28:42 33:10 29:44 06:34 30:46 17:48 31:48 28:62	Dec. -3057j 08:52 06:19 09:54 16:45 10:56 15:19 11:58 17:27 13:00 19:35 14:02 21:43 15:04 23:51 16:06 26:00 17:08 28:08 18:10 30:16 19:12 02:24 20:14 13:38 21:16 24:52 22:18 07:66 23:20 18:80 24:22 30:04 25:24 14:38 26:26 25:52 27:28 09:16 28:30 20:30 29:32 31:44 30:34 05:02 31:36 16:16
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with clock times in UT/GMT. The year -3056 astronomical counting style corresponds to year 3057 B.C.E historical counting style.

Apr. -3056j 23 03:17 25 07:28 27 13:23 29 21:31	Nov. -3056j 2 16:28 4 20:36 7 02:21 9 10:34 11 21:32 14 10:11 16 22:06 19 07:02 21 12:20 23 14:56 25 16:30 27 18:35 29 22:05	May -3055j 15 04:30 17 08:18 19 14:16 21 23:21 24 11:15 27 00:01 29 10:57 31 18:34	Nov. -3055j 24 16:30 26 20:01 29 02:34	June -3054j 1 23:39 4 00:38 6 02:24 8 06:49 10 15:00 13 02:36 15 15:23 18 02:54 20 11:55 22 18:37 24 23:38 27 03:27 29 06:18	Dec. -3054j 12 11:12 14 11:33 16 13:39 18 19:11 21 04:43 23 16:57 26 05:33 28 16:36 31 01:30	June -3053j 23 19:56 25 20:40 28 00:11 30 07:32	Jan. -3052j 1 07:06 3 06:44 5 08:04 7 12:41 9 21:10 12 08:44 14 21:35 17 09:57 19 20:44 22 05:21 24 11:29 26 15:06 28 16:43 30 17:27	July -3052j 12 15:26 14 15:39 16 18:23 19 00:45 21 10:43 23 23:02 26 11:59 29 00:09 31 10:32	Jan. -3051j 22 02:16 24 02:59 26 06:48 28 14:32 31 01:40	Aug. -3051j 1 11:05 3 11:00 5 13:18 7 19:11 10 04:37 12 16:25 15 05:10 17 17:44 20 05:10 22 14:19 24 20:09 26 22:28 28 22:17 30 21:28	Feb. -3050j 10 21:48 12 22:32 15 02:17 17 09:36 19 19:49 22 07:44 24 20:20 27 08:48	March -3050j 1 19:55 4 04:07 6 08:27 8 09:21 10 08:26 12 07:57 14 09:59 16 15:54 19 01:35 21 13:35 24 14:36 26 14:36 29 01:44 31 10:43
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with clock times in UT/GMT. The year -3050 astronomical counting style corresponds to year 3051 B.C.E historical counting style.

Table with 17 columns representing months and years from -3050j to -3044j. Each cell contains moon sign change times in UT/GMT, such as Aug. -3050j March -3049j Sept. -3049j, etc., with specific times like 07:10, 14:08, 23:34, etc.

with clock times in UT/GMT. The year -3044 astronomical counting style corresponds to year 3045 B.C.E historical counting style.

Dec. -3044j H 22 21:10 U 24 20:31 S 26 21:44 P 29 02:22 M 31 10:50	July -3043j H 2 06:05 U 4 05:29 S 6 05:47 P 8 08:39 M 10 14:59 J 13 00:41 J 15 12:40 U 18 01:36 S 20 14:12 P 23 01:15 M 25 09:36 J 27 14:36 U 29 16:31 S 31 16:31	Jan. -3042j H 11 16:52 U 13 16:23 S 15 17:22 P 17 21:20 M 20 04:56 J 22 15:38 J 25 04:12 U 27 17:13 S 30 05:30	July -3042j U 24 01:26 P 26 01:49 S 28 04:23 M 30 10:09 J 31 11:11 J 13 21:33 U 16 09:58 S 18 22:35 P 21 09:55 M 23 18:14 J 25 22:34 U 27 23:27	Feb. -3041j P 2 12:32 U 4 13:44 S 6 17:35 M 9 00:35 J 11 10:11 J 13 21:33 U 16 09:58 S 18 22:35 P 21 09:55 M 23 18:14 J 25 22:34 U 27 23:27	Aug. -3041j U 14 22:42 P 17 01:38 S 19 06:59 M 21 14:36 J 24 00:07 J 26 11:22 U 28 23:56 S 31 12:29	Feb. -3040j U 24 11:35 P 26 15:27 S 28 21:13 M 30 04:01	Sept. -3040j U 2 21:10 P 5 00:23 S 7 04:37 M 9 10:09 J 11 17:35 U 14 03:34 P 16 15:54 S 19 04:51 M 21 15:40 J 23 22:39 U 26 01:58 P 28 03:09 S 30 04:01	March -3039j U 15 10:36 P 17 13:43 S 19 17:38 M 21 23:08 J 24 07:08 U 26 17:59 P 29 06:41 S 31 18:52	Sept. -3039j U 24 23:14 P 27 01:56 S 29 05:31	Apr. -3038j U 2 06:24 P 4 09:16 S 6 11:26 M 8 13:50 J 10 17:41 U 13 00:07 P 15 09:41 S 17 21:37 M 20 09:56 J 22 20:29 U 25 04:09 P 27 09:06 S 29 12:15	Oct. -3038j U 12 19:10 P 14 21:31 S 16 23:06 M 19 01:10 J 21 05:08 U 23 12:12 P 25 22:38 S 28 11:08 M 30 23:21	Nov. -3038j U 2 09:17 P 4 16:21 S 6 21:06 M 8 30:31 J 10 30:26 U 11 03:26 P 13 06:24 S 15 09:56 M 17 14:41 J 19 21:34 U 22 07:16 P 24 19:24 S 27 07:59 M 29 18:27	Dec. -3038j U 2 01:23 P 4 05:07 S 6 07:06 M 8 08:57 J 10 11:50 U 12 16:13 P 14 22:08 S 17 05:46 M 19 15:29 J 22 03:21 U 24 16:11 P 27 03:37 S 29 11:26 M 31 15:14	Jan. -3037j U 2 16:16 P 4 16:32 S 6 17:55 M 8 21:36 J 10 33:50 U 13 12:15 P 15 22:31 S 18 10:27 M 20 23:21 J 23 11:30 U 25 20:42 P 28 01:42 S 30 03:03	Feb. -3037j U 1 02:34 P 3 02:24 S 5 04:22 M 7 09:31 J 9 17:50 U 12 04:32 P 14 16:45 S 17 05:37 M 19 17:58 J 22 04:08 U 24 10:42 P 26 13:29 S 28 13:35	March -3037j U 2 12:55 P 4 13:28 S 6 16:54 M 8 21:33 J 10 30:01 U 11 10:25 P 13 22:47 S 16 11:39 M 18 23:46 J 21 10:03 U 23 17:36 P 25 21:54 S 27 23:39 M 31 23:56	Apr. -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	May -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	June -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	July -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	Aug. -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	Sept. -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	Oct. -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	Nov. -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36	Dec. -3037j U 3 02:10 P 5 07:47 S 8 13:09 M 10 20:57 J 12 28:57 U 15 03:11 P 17 15:46 S 20 03:11 M 22 04:17 J 24 08:13 U 26 03:11 P 28 14:36
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with clock times in UT/GMT. The year -3037 astronomical counting style corresponds to year 3038 B.C.E historical counting style.

Table with 12 columns representing months from April to February. Each cell contains a moon phase symbol followed by a date and time. The table lists moon sign changes for the period from year -3100 to -3001.

with clock times in UT/GMT. The year -3031 astronomical counting style corresponds to year 3032 B.C.E historical counting style.

Table with 16 columns representing months from August to June and 16 rows representing years from -3031 to -3001. Each cell contains a moon sign symbol and a time value.

with clock times in UT/GMT. The year -3025 astronomical counting style corresponds to year 3026 B.C.E historical counting style.

Dec. -3025j H23 20:21 G25 21:00 S27 21:34 M29 23:31	July -3024j H 2 03:38 G 4 05:58 S 6 07:13 M 8 08:49 L 10 11:50 N 12 16:55 O 15 00:18 P 17 09:58 Q 19 21:39 R 22 10:25 S 24 22:33 T 27 08:04 U 29 13:52 V 31 16:12	Jan. -3023j H 11 15:39 G 13 17:48 S 15 19:17 M 17 21:28 L 20 01:14 N 22 06:59 O 24 14:50 P 27 00:47 Q 29 12:34	July -3023j G 24 02:11 M 26 04:40 S 28 06:58 M 30 09:58 L 1 13:45 N 3 15:55 O 5 17:18 P 7 18:35 Q 9 19:52 R 11 21:09 S 13 22:26 T 15 23:43 U 17 25:00 V 19 26:17 W 21 27:34 X 23 28:51 Y 25 30:08 Z 27 31:25	Feb. -3022j M 2 14:39 L 4 17:24 S 6 20:12 M 8 23:33 L 11 03:46 N 13 09:25 O 15 17:18 P 18 03:57 Q 20 16:32 R 23 04:50 S 25 14:17 T 27 19:59	Aug. -3022j L 15 02:36 M 17 05:58 S 19 08:52 M 21 11:39 L 23 15:10 N 25 20:40 O 28 05:19 P 30 17:03	Feb. -3021j M 24 16:13 L 26 19:22 S 28 21:38 M 30 23:54	Sept. -3021j L 1 19:03 M 4 01:06 S 6 05:06 M 8 07:10 L 10 08:11 N 12 09:45 O 14 13:42 P 16 21:21 Q 19 08:31 R 21 21:16	March -3020j M 13 09:22 L 15 14:40 S 17 17:28 M 19 18:27 L 21 19:05 N 23 21:11 O 26 02:21 P 28 11:15 Q 30 23:01	Sept. -3020j M 22 22:54 L 25 02:53 S 27 04:10 M 29 04:07	Apr. -3019j L 2 05:51 M 4 11:34 S 6 14:10 M 8 14:36 L 10 14:29 N 12 15:38 O 14 19:40 P 17 03:29 Q 19 14:37 R 22 03:25 S 24 15:54 T 27 02:45 U 29 11:22	Oct. -3019j M 12 19:05 L 14 23:23 S 17 00:36 M 19 00:08 L 20 23:51 N 23 01:42 O 25 07:12 P 27 16:43 Q 30 05:03	Nov. -3019j L 1 18:10 M 4 06:24 S 6 16:53 M 9 01:12 L 11 06:58 S 13 10:06 M 15 11:06 L 17 11:15 N 19 12:21 O 21 16:18 P 24 00:20 Q 26 11:59 R 29 01:06	Dec. -3019j M 1 13:12 L 3 23:03 S 5 32:03 M 7 06:41 L 8 12:31 N 10 16:44 O 12 19:27 P 14 21:07 Q 16 22:54 R 19 02:27 S 21 09:20 T 23 19:58 U 26 08:49 V 28 21:06 W 31 06:46
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with clock times in UT/GMT. The year -3018 astronomical counting style corresponds to year 3019 B.C.E historical counting style.

Table with 12 columns representing months from April to February and 12 rows representing years from -3018 to -3001. Each cell contains moon sign change times in UT/GMT format.

with clock times in UT/GMT. The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

Table with 16 columns representing months from August to June and 16 rows representing years from -3012 to -3001. Each cell contains a moon sign symbol and a time value.

with clock times in UT/GMT. The year -3006 astronomical counting style corresponds to year 3007 B.C.E historical counting style.

Table with 10 columns representing months from Dec. -3006j to Sept. -3001j. Each cell contains moon sign change data including a symbol and a time value.