

with clock times in UT/GMT. The year -3001 astronomical counting style corresponds to year 3002 B.C.E historical counting style.

|              |              |              |             |             |              |              |              |              |              |             |             |
|--------------|--------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| Dec. -3001j  | July -3000j  | Jan. -2999j  | July -2999j | Feb. -2998j | Aug. -2998j  | Feb. -2997j  | Sept. -2997j | March -2996j | Sept. -2996j | Apr. -2995j | Oct. -2995j |
| Ω 31 20:22   | Ω 7 21:51    | Ω 17 09:04   | ♂ 29 18:51  | Ω 4 03:10   | ♂ 16 11:44   | ♂ 25 23:05   | ♂ 3 07:46    | ♂ 14 18:29   | ♂ 24 04:03   | ♂ 1 13:53   | ♂ 12 00:07  |
|              | Ω 10 01:01   | ♂ 19 13:21   | ♂ 6 03:47   | ♂ 6 03:47   | ♂ 18 13:39   | ♂ 28 02:01   | ♂ 5 07:31    | ♂ 16 18:59   | ♂ 26 06:18   | ♂ 3 14:50   | ♂ 14 02:11  |
| Jan. -3000j  | ♂ 12 07:59   | ♂ 21 21:41   | Aug. -2999j | ♂ 8 07:20   | ♂ 20 18:59   | March -2997j | ♂ 7 09:12    | ♂ 18 22:02   | ♂ 28 11:08   | ♂ 5 16:27   | ♂ 16 05:03  |
| ♂ 3 05:25    | ♂ 14 18:44   | ♂ 24 09:17   | ♂ 1 01:03   | ♂ 10 14:41  | ♂ 23 03:59   | ♂ 2 08:40    | ♂ 9 14:08    | ♂ 21 04:19   | ♂ 30 18:27   | ♂ 7 19:47   | ♂ 18 09:08  |
| ♂ 5 17:36    | ♂ 17 07:28   | ♂ 26 22:00   | ♂ 3 10:57   | ♂ 13 01:26  | ♂ 25 15:43   | ♂ 4 18:48    | ♂ 11 22:32   | ♂ 23 13:29   | ♂ 30 18:27   | ♂ 10 01:07  | ♂ 20 14:35  |
| ♂ 8 06:28    | ♂ 19 19:38   | ♂ 29 09:51   | ♂ 5 23:08   | ♂ 15 14:04  | ♂ 28 04:40   | ♂ 7 07:11    | ♂ 14 09:33   | ♂ 26 00:37   | ♂ 30 18:27   | ♂ 12 08:26  | ♂ 22 21:51  |
| ♂ 10 17:28   | ♂ 22 05:45   | ♂ 31 19:53   | ♂ 8 11:43   | ♂ 18 02:53  | ♂ 30 17:21   | ♂ 9 20:12    | ♂ 16 21:56   | ♂ 28 12:55   | ♂ 30 18:27   | ♂ 14 17:46  | ♂ 25 07:27  |
| ♂ 13 01:35   | ♂ 24 13:39   |              | ♂ 10 23:23  | ♂ 20 14:34  |              | ♂ 12 08:36   | ♂ 19 10:39   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 17 05:10  | ♂ 27 19:27  |
| ♂ 15 07:19   | ♂ 26 19:45   | Feb. -2999j  | ♂ 13 09:25  | ♂ 23 00:17  | Sept. -2998j | ♂ 14 19:20   | ♂ 22 22:44   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 19 18:02  | ♂ 30 08:29  |
| ♂ 17 11:36   | ♂ 29 00:17   | ♂ 3 03:56    | ♂ 15 17:18  | ♂ 25 07:23  | ♂ 2 04:41    | ♂ 17 03:28   | ♂ 24 08:55   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 22 06:33  |             |
| ♂ 19 15:05   | ♂ 31 03:24   | ♂ 5 10:00    | ♂ 17 22:37  | ♂ 27 11:38  | ♂ 4 13:41    | ♂ 19 08:18   | ♂ 26 15:50   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 24 16:16  | Nov. -2995j |
| ♂ 21 18:04   |              | ♂ 7 14:01    | ♂ 20 01:24  | ♂ 29 00:17  | ♂ 6 19:40    | ♂ 21 10:01   | ♂ 28 18:59   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 26 21:53  | ♂ 1 20:04   |
| ♂ 23 20:53   | Aug. -3000j  | ♂ 9 16:15    | ♂ 22 02:25  | ♂ 30 18:27  | ♂ 8 22:33    | ♂ 23 09:47   | ♂ 30 19:10   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 28 23:52  | ♂ 4 04:06   |
| ♂ 26 00:22   | ♂ 2 05:26    | ♂ 11 17:33   | ♂ 24 03:05  | ♂ 1 13:26   | ♂ 10 23:08   | ♂ 25 09:21   | ♂ 30 19:10   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 6 08:13   |
| ♂ 28 05:46   | ♂ 4 07:23    | ♂ 13 19:21   | ♂ 26 05:08  | ♂ 3 13:52   | ♂ 12 22:52   | ♂ 29 15:52   | ♂ 30 19:10   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 8 09:37   |
| ♂ 30 14:14   | ♂ 6 10:47    | ♂ 15 23:16   | ♂ 28 10:07  | ♂ 5 14:30   | ♂ 14 23:40   | ♂ 29 15:52   | ♂ 30 19:10   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 10 10:06  |
|              | ♂ 8 17:06    | ♂ 18 06:32   | ♂ 30 18:27  | ♂ 7 17:03   | ♂ 17 03:20   |              |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 12 11:22  |
| Feb. -3000j  | ♂ 11 02:58   | ♂ 20 17:08   | ♂ 23 05:35  | ♂ 9 22:56   | ♂ 19 10:58   | Apr. -2997j  | ♂ 6 21:22    | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 14 14:34  |
| ♂ 2 01:47    | ♂ 13 15:18   | ♂ 23 05:35   | ♂ 25 17:33  | ♂ 12 08:34  | ♂ 21 22:13   | ♂ 3 13:15    | ♂ 9 04:38    | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 16 10:12  |
| ♂ 4 14:37    | ♂ 16 03:41   | ♂ 25 17:33   | ♂ 28 03:24  | ♂ 14 20:52  | ♂ 24 11:12   | ♂ 6 02:19    | ♂ 11 15:28   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 18 04:36  |
| ♂ 7 02:04    | ♂ 18 13:54   | ♂ 28 03:24   | ♂ 30 18:27  | ♂ 17 09:40  | ♂ 26 23:44   | ♂ 8 14:28    | ♂ 14 04:04   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 20 09:37  |
| ♂ 9 10:19    | ♂ 20 21:14   |              | ♂ 7 06:32   | ♂ 19 21:02  | ♂ 29 10:31   | ♂ 11 00:55   | ♂ 16 16:44   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 22 04:32  |
| ♂ 11 15:24   | ♂ 23 02:15   | March -2999j | ♂ 9 15:54   | ♂ 22 06:06  |              | ♂ 13 09:18   | ♂ 19 04:33   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 24 02:38  |
| ♂ 13 18:28   | ♂ 25 05:51   | ♂ 2 10:40    | ♂ 11 22:58  | ♂ 24 12:49  | Oct. -2998j  | ♂ 15 15:17   | ♂ 21 14:55   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 26 15:39  |
| ♂ 15 20:49   | ♂ 27 08:49   | ♂ 4 15:47    | ♂ 14 04:03  | ♂ 26 17:30  | ♂ 1 19:11    | ♂ 17 18:38   | ♂ 23 23:02   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 28 03:54  |
| ♂ 17 23:25   | ♂ 29 11:40   | ♂ 6 19:24    | ♂ 16 07:36  | ♂ 28 20:35  | ♂ 4 01:44    | ♂ 19 19:45   | ♂ 26 04:02   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 30 08:29  |
| ♂ 19 20:48   | ♂ 31 14:56   | ♂ 8 22:09    | ♂ 18 10:07  | ♂ 30 22:33  | ♂ 6 06:07    | ♂ 21 19:53   | ♂ 28 05:51   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 1 20:04   |
| ♂ 22 07:23   |              | ♂ 11 00:42   | ♂ 20 12:19  |             | ♂ 8 08:29    | ♂ 23 20:53   | ♂ 30 05:36   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 3 18:52   |
| ♂ 24 13:44   | Sept. -3000j | ♂ 13 03:48   | ♂ 22 15:11  | Apr. -2998j | ♂ 10 09:32   | ♂ 26 00:42   | ♂ 30 05:36   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 5 20:50   |
| ♂ 26 22:29   | ♂ 2 19:25    | ♂ 15 08:27   | ♂ 24 19:58  | ♂ 2 00:16   | ♂ 12 10:34   | ♂ 28 08:35   | ♂ 30 20:04   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 7 20:43   |
| ♂ 29 09:46   | ♂ 5 02:04    | ♂ 17 15:33   | ♂ 27 03:42  | ♂ 4 03:01   | ♂ 14 13:24   | ♂ 30 20:04   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 9 20:25   |
|              | ♂ 7 11:32    | ♂ 20 01:31   | ♂ 29 14:31  | ♂ 6 08:11   | ♂ 16 19:38   |              |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 11 21:45  |
| March -3000j | ♂ 9 23:28    | ♂ 22 13:36   |             | ♂ 8 16:46   | ♂ 19 05:50   | May -2997j   | ♂ 5 12:31    | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 13 02:05  |
| ♂ 2 22:33    | ♂ 12 12:06   | ♂ 25 01:50   | Oct. -2999j | ♂ 11 04:27  | ♂ 21 18:34   | ♂ 3 09:01    | ♂ 7 22:14    | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 15 09:53  |
| ♂ 5 10:35    | ♂ 14 23:02   | ♂ 27 12:03   | ♂ 2 03:06   | ♂ 13 17:15  | ♂ 24 07:12   | ♂ 5 21:03    | ♂ 10 10:36   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 17 20:34  |
| ♂ 7 19:40    | ♂ 17 06:42   | ♂ 29 19:07   | ♂ 4 14:59   | ♂ 16 04:39  | ♂ 26 17:38   | ♂ 8 06:59    | ♂ 12 23:19   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 19 09:01  |
| ♂ 10 01:04   | ♂ 19 11:07   | ♂ 31 23:18   | ♂ 7 00:14   | ♂ 18 13:12  | ♂ 29 01:26   | ♂ 10 14:48   | ♂ 15 10:48   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 21 21:59  |
| ♂ 12 03:31   | ♂ 21 13:24   |              | ♂ 9 06:24   | ♂ 20 19:00  | ♂ 31 07:12   | ♂ 12 20:46   | ♂ 17 20:35   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 23 10:18  |
| ♂ 14 04:33   | ♂ 23 14:57   | Apr. -2999j  | ♂ 11 10:15  | ♂ 22 22:58  | Nov. -2998j  | ♂ 15 05:59   | ♂ 20 04:33   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 25 03:54  |
| ♂ 16 05:43   | ♂ 25 17:03   | ♂ 3 01:41    | ♂ 13 13:00  | ♂ 25 02:05  | ♂ 2 11:38    | ♂ 17 03:33   | ♂ 22 10:25   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 27 06:32  |
| ♂ 18 08:16   | ♂ 27 20:36   | ♂ 5 03:37    | ♂ 15 15:43  | ♂ 27 04:56  | ♂ 4 15:05    | ♂ 19 05:01   | ♂ 24 13:56   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 29 12:28  |
| ♂ 20 12:57   | ♂ 30 02:05   | ♂ 7 06:13    | ♂ 17 19:00  | ♂ 29 07:58  | ♂ 6 17:45    | ♂ 21 06:41   | ♂ 26 15:24   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  | ♂ 31 03:47  |
| ♂ 22 20:01   |              | ♂ 9 10:10    | ♂ 19 23:15  |             | ♂ 8 20:09    | ♂ 23 10:16   | ♂ 28 16:03   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 25 05:28   | Oct. -3000j  | ♂ 11 15:52   | ♂ 22 04:54  | May -2998j  | ♂ 1 11:44    | ♂ 25 17:13   | ♂ 30 16:29   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 27 16:58   | ♂ 2 09:41    | ♂ 13 23:36   | ♂ 24 12:38  | ♂ 3 17:10   | ♂ 10 23:28   | ♂ 28 03:50   | ♂ 30 16:29   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 30 05:43   | ♂ 4 19:29    | ♂ 16 09:32   | ♂ 26 22:57  | ♂ 6 01:20   | ♂ 13 05:12   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
|              | ♂ 7 07:15    | ♂ 18 21:23   | ♂ 29 11:21  | ♂ 8 12:28   | ♂ 15 14:26   |              |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| Apr. -3000j  | ♂ 9 19:59    | ♂ 21 09:54   | ♂ 31 23:49  | ♂ 10 15:15  | ♂ 18 02:40   | June -2997j  | ♂ 2 04:37    | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 1 18:10    | ♂ 12 07:50   | ♂ 23 20:54   |             | ♂ 11 01:15  | ♂ 20 15:29   | ♂ 4 14:22    | ♂ 6 21:26    | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 4 04:21    | ♂ 14 16:43   | ♂ 26 04:37   | Nov. -2999j | ♂ 13 13:03  | ♂ 23 02:13   | ♂ 8 06:59    | ♂ 10 16:47   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 6 10:54    | ♂ 16 21:47   | ♂ 28 08:39   | ♂ 3 09:49   | ♂ 15 21:44  | ♂ 25 09:39   | ♂ 12 20:46   | ♂ 15 03:32   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 8 13:52    | ♂ 18 23:35   | ♂ 30 10:03   | ♂ 5 16:01   | ♂ 18 02:57  | ♂ 27 14:20   | ♂ 14 23:40   | ♂ 17 20:35   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 10 14:24   | ♂ 20 23:43   |              | ♂ 7 18:56   | ♂ 20 05:48  | ♂ 29 17:32   | ♂ 16 19:38   | ♂ 19 15:49   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 12 14:15   | ♂ 23 00:04   | May -2999j   | ♂ 9 20:10   | ♂ 22 07:50  |              | ♂ 18 02:40   | ♂ 21 19:38   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 14 15:12   | ♂ 25 02:19   | ♂ 2 10:35    | ♂ 11 21:31  | ♂ 24 10:18  | Dec. -2998j  | ♂ 20 05:59   | ♂ 23 22:22   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 16 18:44   | ♂ 27 07:31   | ♂ 4 11:59    | ♂ 14 00:20  | ♂ 26 13:48  | ♂ 1 20:25    | ♂ 25 17:13   | ♂ 28 16:03   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 19 01:33   | ♂ 29 15:42   | ♂ 6 15:34    | ♂ 16 05:08  | ♂ 28 18:33  | ♂ 3 23:32    | ♂ 28 03:50   | ♂ 30 16:29   | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 21 11:23   |              | ♂ 8 21:43    | ♂ 18 11:50  | ♂ 30 00:52  | ♂ 5 03:10    |              |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 23 23:17   | Nov. -3000j  | ♂ 10 06:12   | ♂ 20 20:20  |             | ♂ 7 07:45    | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 26 12:06   | ♂ 1 02:12    | ♂ 13 16:34   | ♂ 23 06:45  | June -2998j | ♂ 9 21:25    | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 29 00:39   | ♂ 3 14:11    | ♂ 16 04:28   | ♂ 25 19:00  | ♂ 2 09:19   | ♂ 12 06:56   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
|              | ♂ 6 02:54    | ♂ 18 17:07   | ♂ 28 07:54  | ♂ 4 20:16   | ♂ 14 12:27   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| May -3000j   | ♂ 8 15:13    | ♂ 21 04:55   | ♂ 30 19:03  | ♂ 7 09:02   | ♂ 16 14:44   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 1 11:33    | ♂ 11 01:29   | ♂ 23 13:50   |             | ♂ 9 21:25   | ♂ 18 15:31   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 3 19:30    | ♂ 13 08:10   | ♂ 25 18:45   | Dec. -2999j | ♂ 12 06:56  | ♂ 20 16:36   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 5 23:51    | ♂ 15 10:57   | ♂ 27 20:09   | ♂ 3 02:24   | ♂ 14 12:27  | ♂ 22 19:21   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27   | ♂ 30 23:57  |             |
| ♂ 8 01:04    | ♂ 17 10:53   | ♂ 29 19:45   | ♂ 5 05:36   | ♂ 16 14:44  | ♂ 24 23:46   | ♂ 30 16:29   |              | ♂ 30 18:27   | ♂ 30 18:27</ |             |             |

with clock times in UT/GMT. The year -2994 astronomical counting style corresponds to year 2995 B.C.E historical counting style.

|              |              |              |              |              |              |              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Apr. -2994j  | Nov. -2994j  | May -2993j   | Nov. -2993j  | June -2992j  | Dec. -2992j  | June -2991j  | Jan. -2990j  | July -2990j  | Jan. -2989j  | Aug. -2989j  | Feb. -2988j  |
| 23 12:36     | 3 01:13      | 15 13:49     | 25 02:46     | 1 08:32      | 11 22:12     | 23 10:03     | 2 22:31      | 15 07:19     | 24 17:55     | 2 01:22      | 11 12:53     |
| 25 15:10     | 5 04:04      | 17 16:11     | 27 04:53     | 3 12:07      | 14 01:14     | 25 11:31     | 4 22:38      | 17 06:30     | 26 17:06     | 4 02:25      | 13 13:25     |
| 27 18:07     | 7 06:59      | 19 18:45     | 29 07:09     | 5 14:12      | 16 02:26     | 27 11:28     | 6 21:56      | 19 06:16     | 28 17:41     | 6 01:58      | 15 13:05     |
| 29 21:56     | 9 10:44      | 21 22:29     |              | 7 15:34      | 18 02:59     | 29 11:46     | 8 22:38      | 21 08:38     | 30 21:19     | 8 01:58      | 17 13:43     |
|              | 11 16:15     | 24 04:28     | Dec. -2993j  | 9 17:29      | 20 04:42     |              | 11 02:40     | 23 14:47     |              | 10 04:08     | 19 16:53     |
| May -2994j   | 14 00:23     | 26 13:22     | II 1 10:46   | 11 21:31     | 22 09:24     | July -2991j  | 13 10:54     | 26 00:34     | Feb. -2989j  | 12 09:31     | 21 23:23     |
| 2 03:18      | 16 11:19     | 29 00:54     | III 3 17:01  | 14 04:56     | 24 18:09     | I 1 14:29    | 15 22:26     | 28 12:35     | 2 04:40      | 14 18:15     | 24 29:04     |
| 4 10:59      | 18 23:52     | 31 13:21     | IV 5 02:36   | 16 15:50     | 27 06:15     | II 3 21:09   | 18 11:13     | 31 01:13     | 4 15:12      | 17 05:32     | 26 20:57     |
| 6 21:25      | 21 11:44     |              | 18 14:46     | 19 04:38     | 29 19:16     | III 5 07:44  | 20 23:25     |              | 7 03:38      | 19 18:15     | 29 09:52     |
| 9 09:53      | 23 20:53     | June -2993j  | 21 03:21     | 21 16:43     |              | IV 7 02:26   | 23 10:09     | Aug. -2990j  | 9 16:32      | 22 07:12     |              |
| 11 22:21     | 26 02:41     | I 3 00:28    | 24 02:19     | 24 02:19     | Jan. -2991j  | V 9 08:54    | 25 19:06     | 2 13:20      | 12 04:46     | 24 19:05     | March -2988j |
| 14 08:30     | 28 05:50     | II 5 08:42   | 26 09:11     | 26 09:11     | I 1 06:45    | VI 13 19:41  | 28 01:52     | 5 00:08      | 14 15:12     | 27 04:32     | 2 22:35      |
| 16 15:07     | 30 07:40     | III 7 13:56  | 28 12:20     | 28 14:00     | II 3 15:44   | 16 04:30     | 30 06:04     | 7 08:43      | 16 22:47     | 29 10:33     | 5 09:46      |
| 18 18:36     |              | IV 9 17:03   | 30 05:25     | 30 17:39     | III 5 22:28  | 18 11:27     |              | 9 14:18      | 19 03:00     | 31 13:07     | 7 18:05      |
| 20 20:12     | Dec. -2994j  | 11 19:17     | 22 08:12     |              | IV 8 03:36   | 20 16:27     | Feb. -2990j  | 11 16:49     | 21 04:21     |              | 9 22:50      |
| 22 21:26     | 2 09:33      | 13 21:43     | 24 11:15     | July -2992j  | V 10 07:28   | 22 19:27     | II 1 07:54   | 13 17:11     | 23 04:11     | Sept. -2989j | 12 00:20     |
| 24 23:34     | 4 12:31      | 16 01:08     | 26 14:56     | I 2 20:39    | II 12 10:12  | 24 20:51     | III 3 08:24  | 15 17:08     | 25 04:19     | 2 13:16      | 13 23:54     |
| 27 03:28     | 6 17:11      | 18 05:59     | 28 19:40     | 4 23:23      | III 14 12:15 | 26 21:55     | IV 5 09:20   | 17 18:38     | 27 06:34     | 4 12:43      | 15 23:25     |
| 29 09:34     | 8 23:49      | 20 12:41     | 31 02:11     | 7 02:25      | IV 16 14:44  | 29 00:26     | 17 12:33     | 19 23:18     |              | 6 13:24      | 18 00:54     |
| 31 18:02     | 11 08:33     | 22 21:36     |              | 9 06:48      | 18 19:13     | 31 06:07     | 19 12:24     | 22 07:48     | March -2989j | 8 17:04      | 20 05:55     |
|              | 13 19:23     | 25 08:50     | Jan. -2992j  | 11 13:46     | 21 03:02     |              | 12 05:52     | 24 19:19     | 1 12:18      | 11 00:37     | 22 14:54     |
| June -2994j  | 16 07:46     | 27 21:23     | II 2 11:17   | 13 23:59     | 23 14:17     | Aug. -2991j  | 14 18:21     | 27 07:58     | 3 21:48      | 13 11:39     | 25 02:51     |
| II 3 04:45   | 18 20:08     | 30 09:11     | 4 22:59      | 16 12:35     | 26 03:11     | I 2 15:37    | 17 06:34     |              | 6 09:59      | 16 00:30     | 27 15:52     |
| 5 17:10      | 21 06:24     |              | 7 11:46      | 19 01:01     | 28 14:55     | II 4 03:54   | 19 16:58     | Sept. -2990j | 8 22:54      | 18 13:19     | 30 04:26     |
| 8 05:56      | 23 13:03     | July -2993j  | 9 22:59      | 21 10:48     | 30 23:44     | III 6 16:25  | 22 01:10     | 1 06:05      | 11 10:50     | 21 00:50     |              |
| 10 17:02     | 25 16:05     | I 2 18:04    | 12 06:44     | 23 17:09     |              | IV 8 03:06   | 24 07:19     | 3 14:11      | 13 20:48     | 23 10:21     | Apr. -2988j  |
| 13 00:47     | 27 16:46     | II 4 23:13   | 14 10:54     | 25 20:53     | Feb. -2991j  | 12 11:14     | 26 11:41     | 5 20:06      | 16 04:25     | 25 17:25     | 1 15:32      |
| 15 04:47     | 29 16:58     | III 7 01:23  | 16 12:49     | 27 23:25     | I 2 05:39    | 14 17:16     | 28 14:34     | 7 23:53      | 18 09:34     | 27 21:45     | 4 00:31      |
| 17 05:57     | 31 18:29     | IV 9 02:13   | 18 14:15     | 30 01:59     | II 4 09:40   | 16 21:49     |              | 10 10:57     | 20 12:30     | 29 23:36     | 6 06:41      |
| 19 05:54     |              | 11 03:29     | 20 16:37     |              | III 6 12:51  | 19 01:16     | March -2990j | 12 13:59     | 22 13:50     |              | 8 09:49      |
| 21 06:29     | Jan. -2993j  | 13 06:31     | 22 20:36     | Aug. -2992j  | 8 15:49      | II 21 03:57  | 1 26:35      | 14 14:17     | 24 14:45     | Oct. -2989j  | 10 10:29     |
| 23 09:14     | 2 22:35      | 15 11:51     | 25 02:20     | I 1 05:14    | 10 18:57     | 23 06:26     | II 4 18:44   | 16 09:12     | 26 16:46     | 2 13:55      | 12 10:07     |
| 25 15:03     | 5 05:38      | 17 19:23     | 27 09:47     | 3 09:22      | II 12 22:43  | 25 09:50     | III 6 22:21  | 18 16:29     | 28 21:24     | 4 00:20      | 14 10:42     |
| 27 23:56     | 7 15:09      | 20 04:52     | 29 19:11     | 5 14:46      | III 15 03:59 | 27 15:29     | IV 8 04:40   | 20 03:08     | 31 05:40     | 6 02:44      | 16 14:14     |
| 30 11:08     | 10 02:25     | 22 16:09     |              | 7 22:08      | 17 11:48     | 30 00:19     | 11 14:13     | 23 15:38     |              | 8 08:42      | 18 21:53     |
|              | 12 14:45     | 25 04:45     | Feb. -2992j  | 10 08:08     | 19 22:34     |              | 14 02:12     | 26 03:43     | Apr. -2989j  | 10 18:43     | 21 09:13     |
| July -2994j  | 15 03:20     | 27 17:12     | I 1 06:44    | 12 20:32     | 22 11:14     | Sept. -2991j | 16 14:32     | 28 13:34     | 2 17:11      | 13 07:23     | 23 22:11     |
| 2 23:42      | 17 14:34     | 30 03:19     | 3 19:35      | 15 15:24     | 24 23:25     | II 1 12:01   | 19 01:05     | 30 20:44     | 5 06:03      | 15 20:12     | 26 10:36     |
| 5 12:31      | 19 22:42     |              | 6 07:36      | 17 20:01     | 27 08:49     | III 4 00:40  | 21 08:51     |              | 7 17:52      | 18 07:18     | 28 21:17     |
| 8 00:16      | 22 02:51     | Aug. -2993j  | 8 16:23      | 20 02:48     |              | IV 6 11:47   | 23 13:59     | Oct. -2990j  | 10 03:16     | 20 16:06     |              |
| 10 09:23     | 24 03:40     | I 1 09:26    | 10 21:03     | 22 06:03     | March -2991j | 8 19:53      | 25 17:22     | 3 01:43      | 12 10:07     | 22 22:51     | May -2988j   |
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| 14 16:47     | 28 02:45     | 5 11:37      | 14 22:36     | 16 28:26     | II 3 17:48   | 13 04:20     | 29 22:35     | 7 08:13      | 16 18:29     | 27 07:16     | 3 12:37      |
| 16 16:26     | 30 05:11     | 7 11:20      | 16 23:22     | 18 10:43     | III 5 19:38  | 15 06:48     |              | 9 11:00      | 18 21:07     | 29 09:19     | 5 17:01      |
| 18 15:46     |              | 9 12:50      | 19 02:14     | 20 14:51     | IV 7 21:30   | 17 09:23     | Apr. -2990j  | 11 14:17     | 20 23:25     | 31 10:49     | 7 19:15      |
| 20 16:49     | Feb. -2993j  | 11 17:20     | 21 07:46     |              | 10 00:20     | 19 12:44     | I 1 01:55    | 13 18:53     | 23 02:14     |              | 9 20:03      |
| 22 21:16     | I 1 11:18    | 14 00:59     | 23 15:46     | Sept. -2992j | 12 04:41     | 21 17:23     | II 3 06:38   | 16 01:48     | 25 06:48     | Nov. -2989j  | 11 20:55     |
| 25 05:37     | 3 20:49      | 16 11:01     | 26 01:49     | I 1 21:00    | 14 10:57     | 23 23:54     | III 5 13:22  | 18 11:39     | 27 14:19     | 2 13:13      | 13 23:47     |
| 27 16:59     | 6 08:29      | 18 22:38     | 28 13:34     | 4 05:12      | 16 19:26     | 26 08:49     | IV 7 22:38   | 20 23:53     | 30 01:07     | 4 18:16      | 16 06:14     |
| 30 05:45     | 8 20:59      | 21 11:14     |              | 6 15:33      | 19 06:16     |              | 10 10:13     | 23 12:21     |              | 7 03:04      | 18 16:35     |
|              | 11 09:29     | 23 23:58     | March -2992j | 9 03:54      | 21 18:50     | Oct. -2991j  | 12 22:41     | 25 22:37     | May -2989j   | 9 15:07      | 21 05:15     |
| Aug. -2994j  | 13 21:03     | 26 11:08     | I 2 02:26    | 11 17:00     | 24 07:24     | I 1 08:51    | 15 09:50     | 28 05:27     | 2 13:49      | 12 04:04     | 23 17:39     |
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| 4 06:15      | 18 12:11     | 30 22:27     | 7 00:56      | 16 12:47     | 29 00:28     | III 6 05:44  | 19 22:35     |              | 7 11:09      | 16 23:24     | 28 11:59     |
| 6 16:10      | 20 14:19     |              | 9 06:57      | 18 16:48     | 31 03:41     | IV 8 11:05   | 22 00:49     | Nov. -2990j  | 9 17:15      | 19 05:05     | 30 18:02     |
| 8 23:13      | 22 13:57     | Sept. -2993j | 11 09:07     | 20 17:47     |              | I 10 11:05   | 24 02:07     | II 1 11:30   | 11 21:04     | 21 09:18     |              |
| 11 02:49     | 24 13:06     | I 1 22:44    | 13 08:57     | 22 17:35     | Apr. -2991j  | 12 14:24     | 26 04:00     | III 3 13:36  | 13 23:53     | 23 12:47     | June -2988j  |
| 13 03:28     | 26 14:01     | 3 21:42      | 15 08:30     | 24 18:06     | I 2 04:39    | 14 15:29     | 28 07:30     | IV 5 16:36   | 16 02:40     | 25 15:55     | 1 12:34      |
| 15 02:42     | 28 18:28     | 5 21:37      | 17 09:42     | 26 20:48     | II 4 05:03   | 16 18:07     | 30 13:02     | 18 05:54     | 18 05:54     | 27 18:56     | 4 01:47      |
| 17 02:40     |              | 8 00:22      | 19 13:51     | 29 02:28     | III 6 06:30  | 18 23:05     |              | 20 09:54     | 20 09:54     | 29 22:29     | 6 03:59      |
| 19 05:27     | March -2993j | 10 06:53     | 21 21:21     |              | 8 10:09      | 20 16:36     | May -2990j   | 22 15:15     | 22 15:15     |              | 8 06:01      |
| 21 12:23     | I 3 02:58    | 12 16:44     | 24 07:37     | Oct. -2992j  | 10 16:36     | 22 01:32     | I 2 20:39    | 24 22:49     | 24 22:49     | Dec. -2989j  | 10 09:18     |
| 23 23:11     | 5 14:25      | 15 04:38     | 26 19:42     | II 1 11:03   | 13 01:44     | 23 16:11     | II 5 06:16   | 26 19:12     | 27 09:12     | 2 03:47      | 12 15:18     |
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| 29 00:36     | 10 15:25     | 20 05:52     | 31 21:06     | 6 10:29      | 18 01:38     | 29 04:42     | IV 9 06:19   |              |              | 6 23:26      | 17 13:01     |
| 31 11:58     | 13 02:44     | 22 17:18     |              | 8 23:35      | 20 14:21     |              | 12 18:11     | 22 08:01     | June -2989j  | 9 12:22      | 20 01:33     |
|              | 15 12:17     | 25 02:16     | Apr. -2992j  | 11 11:47     | 23 01:32     |              | 15 03:16     | 24 15:36     | 1 10:14      | 12 00:04     | 22 12:03     |
| Sept. -2994j | 17 19:13     | 27 07:39     | I 3 07:47    | 13 21:19     | 25 09:36     | Nov. -2991j  | 17 08:27     | 26 19:14     | 3 20:03      | 14 08:30     | 24 19:36     |
| 2 21:42      | 19 22:59     | 29 09:31     | 5 15:11      | 16 03:04     | 27 13:55     | I 2 15:02    | 19 10:16     | 28 20:17     | 6 02:06      | 16 13:34     | 27 00:41     |
| 5 05:24      | 22 00:01     |              | 7 18:53      | 18 05:10     | 29 15:09     | II 4 21:43   | 21 10:23     | 30 20:44     | 8 05:05      | 18 16:29     | 29 04:15     |
| 7 10:33      | 24 23:47     | Oct. -2993j  | 9 19:39      | 20 04:57     |              | III 6 00:33  | 23 10:47     |              | 10 06:38     | 20 18:41     |              |
| 9 12:59      | 26 00:17     | I 1 09:11    | 11 19:08     | 22 04:18     | May -2991j   | 8 00:45      | 25 13:11     | Dec. -2990j  | 12 08:21     | 22 21:15     | July -2988j  |
| 11 13:28     | 28 03:28     | 3 08:36      | 13 19:16     | 24 05:09     | II 1 14:47   | 10 10:14     | 27 18:29     | I 2 22:23    | 14 11:17     | 25 00:43     | 1 10:09      |
| 13 13:37     | 30 10:31     | 5 09:54      | 15 21:49     | 26 09:07     | III 3 14:45  | 12 14:24     | 30 02:34     | II 5 02:18   | 16 15:49     | 27 05:25     | 3 09:56      |
| 15 15:32     |              | 7 14:38      | 18 03:56     | 28 16:52     | IV 5 16:51   | 14 15:29     |              | III 7 08:39  | 18 22:05     | 29 11:45     | 5 13:09      |
| 17 20:59     | Apr. -2993j  | 9 23:17      | 20 13:37     | 31 03:53     | I 7 22:21    | 17 12:03     | June -2990j  | 9 17:03      | 21 06:18     | 31 20:21     | 7 17:31      |
| 20 06:34     | I 1 21:08    | 12 10:53     | 23 01:44     |              | 2 10:07      | 19 22:14     | 1 12:46      | 12 03:16     | 23 16:46     |              | 9 23:59      |
| 22 18:55     | 4 09:36      | 14 23:39     | 25 14:39     | Nov. -2992j  | 12 19:01     | 22 10:08     | 3 00:28      | 14 15:12     | 26 05:15     | Jan. -2988j  | 12 09:14     |
| 25 07:36     | 6 21:55      | 17 11:59     | 28 02:55     | I 2 16:40    | 15 07:47     | 24 22:46     | 6 13:03      | 17 04:09     | 28 18:08     | 3 07:31      | 14 21:03     |
| 27 18:42     | 9 08:50      | 20 22:57     | 30 13:29     | 5 05:40      | 17 20:27     |              | 9 01:25      |              |              |              |              |

with clock times in UT/GMT. The year -2988 astronomical counting style corresponds to year 2989 B.C.E historical counting style.

|              |              |              |              |             |             |             |             |              |              |              |              |
|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| Aug. -2988j  | March -2987j | Sept. -2987j | March -2986j | Oct. -2986j | Apr. -2985j | Oct. -2985j | May -2984j  | Nov. -2984j  | May -2983j   | Dec. -2983j  | June -2982j  |
| Ω 22 21:48   | Ω 2 07:36    | ♂ 11 17:05   | ♂ 24 04:35   | ♂ 1 12:17   | ♂ 13 00:52  | ♂ 23 13:37  | ♂ 1 21:53   | ♂ 11 11:31   | ♂ 24 00:25   | ♂ 1 08:22    | ♂ 12 21:07   |
| ♂ 24 22:06   | ♂ 4 09:03    | ♂ 13 18:25   | ♂ 26 06:20   | ♂ 3 15:29   | ♂ 15 04:33  | ♂ 25 17:37  | ♂ 4 02:57   | ♂ 13 16:08   | ♂ 26 03:57   | ♂ 3 13:49    | ♂ 15 01:06   |
| ♂ 26 22:27   | ♂ 6 09:23    | ♂ 15 19:41   | ♂ 28 08:30   | ♂ 5 18:19   | ♂ 17 07:35  | ♂ 27 20:30  | ♂ 6 06:11   | ♂ 15 18:45   | ♂ 28 05:30   | ♂ 5 16:28    | ♂ 17 02:11   |
| ♂ 29 00:31   | ♂ 8 10:26    | ♂ 17 22:17   | ♂ 30 11:52   | ♂ 7 21:26   | ♂ 19 10:23  | ♂ 29 22:46  | ♂ 8 08:09   | ♂ 17 20:04   | ♂ 30 06:08   | ♂ 7 17:02    | ♂ 19 01:43   |
| ♂ 31 05:24   | ♂ 10 13:38   | ♂ 20 02:54   |              | ♂ 10 01:06  | ♂ 21 13:29  |             | ♂ 10 09:50  | ♂ 19 21:22   |              | ♂ 9 16:57    | ♂ 21 01:41   |
|              | ♂ 12 19:35   | ♂ 22 09:30   | Apr. -2986j  | ♂ 12 05:38  | ♂ 23 17:49  | Nov. -2985j | ♂ 12 12:35  | ♂ 22 00:10   | June -2983j  | ♂ 11 18:10   | ♂ 23 04:10   |
| Sept. -2988j | ♂ 15 04:04   | ♂ 24 17:56   | ♂ 1 16:43    | ♂ 14 11:50  | ♂ 26 00:31  | ♂ 1 01:26   | ♂ 14 17:46  | ♂ 24 05:55   | ♂ 1 07:23    | ♂ 13 22:34   | ♂ 25 10:38   |
| ♂ 2 13:17    | ♂ 17 14:32   | ♂ 27 04:16   | ♂ 3 23:10    | ♂ 16 20:37  | ♂ 28 10:19  | ♂ 3 05:52   | ♂ 17 02:13  | ♂ 26 15:14   | ♂ 3 10:55    | ♂ 16 07:08   | ♂ 27 21:02   |
| ♂ 4 23:37    | ♂ 20 02:28   | ♂ 29 16:22   | ♂ 6 07:36    | ♂ 19 08:11  | ♂ 30 22:33  | ♂ 5 13:15   | ♂ 19 13:32  | ♂ 29 03:20   | ♂ 5 17:59    | ♂ 18 19:08   | ♂ 30 09:40   |
| ♂ 7 11:33    | ♂ 22 15:08   |              | ♂ 8 18:23    | ♂ 21 21:11  |             | ♂ 7 23:51   | ♂ 22 02:01  |              | ♂ 8 04:42    | ♂ 21 08:15   |              |
| ♂ 10 00:17   | ♂ 25 03:06   | Oct. -2987j  | ♂ 11 07:03   | ♂ 24 08:55  | May -2985j  | ♂ 10 12:22  | ♂ 24 13:23  | Dec. -2984j  | ♂ 10 17:25   | ♂ 23 20:14   | July -2982j  |
| ♂ 12 12:37   | ♂ 27 12:25   | ♂ 2 05:13    | ♂ 13 19:37   | ♂ 26 17:12  | ♂ 3 11:06   | ♂ 13 00:22  | ♂ 26 22:16  | ♂ 1 16:00    | ♂ 13 05:50   | ♂ 26 06:04   | ♂ 2 22:21    |
| ♂ 14 22:58   | ♂ 29 17:48   | ♂ 4 16:31    | ♂ 16 05:34   | ♂ 28 21:46  | ♂ 5 21:31   | ♂ 15 09:52  | ♂ 29 04:28  | ♂ 4 03:02    | ♂ 15 16:11   | ♂ 28 13:48   | ♂ 5 09:45    |
| ♂ 17 05:51   | ♂ 31 19:31   | ♂ 7 00:10    | ♂ 18 11:30   | ♂ 30 23:50  | ♂ 8 04:37   | ♂ 17 16:21  | ♂ 31 08:37  | ♂ 6 11:24    | ♂ 18 00:04   | ♂ 30 19:39   | ♂ 7 19:24    |
| ♂ 19 08:53   |              | ♂ 9 03:40    | ♂ 20 13:56   |             | ♂ 10 08:47  |             |             | ♂ 8 17:19    | ♂ 20 05:50   |              | ♂ 10 03:04   |
| ♂ 21 09:03   | Apr. -2987j  | ♂ 11 04:15   | ♂ 22 14:32   | Nov. -2986j | ♂ 12 11:15  | ♂ 21 23:19  | June -2984j | ♂ 10 21:30   | ♂ 22 09:58   | Jan. -2982j  | ♂ 12 08:21   |
| ♂ 23 08:12   | ♂ 2 19:06    | ♂ 13 03:57   | ♂ 24 15:14   | ♂ 2 01:06   | ♂ 14 13:15  | ♂ 24 01:51  | ♂ 2 11:35   | ♂ 13 00:42   | ♂ 24 12:50   | ♂ 1 23:40    | ♂ 14 11:05   |
| ♂ 25 08:30   | ♂ 4 18:41    | ♂ 15 04:53   | ♂ 26 17:31   | ♂ 4 03:02   | ♂ 16 15:46  | ♂ 26 04:50  | ♂ 4 14:10   | ♂ 15 03:27   | ♂ 26 14:55   | ♂ 4 01:58    | ♂ 16 11:52   |
| ♂ 27 11:48   | ♂ 6 20:17    | ♂ 17 08:27   | ♂ 28 22:06   | ♂ 6 06:30   | ♂ 18 19:26  | ♂ 28 08:49  | ♂ 6 17:03   | ♂ 17 06:17   | ♂ 28 17:03   | ♂ 6 03:13    | ♂ 18 12:11   |
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|              | ♂ 11 09:36   | ♂ 22 00:06   | May -2986j   | ♂ 10 18:59  | ♂ 23 08:13  |             | ♂ 11 02:37  | ♂ 21 15:36   |              | ♂ 10 08:30   | ♂ 22 19:12   |
| Oct. -2988j  | ♂ 13 20:28   | ♂ 24 10:58   | ♂ 1 05:04    | ♂ 13 04:20  | ♂ 25 18:09  | Dec. -2985j | ♂ 13 10:48  | ♂ 24 00:07   | July -2983j  | ♂ 12 15:48   | ♂ 25 04:28   |
| ♂ 2 05:28    | ♂ 16 08:40   | ♂ 26 23:10   | ♂ 3 14:10    | ♂ 15 15:52  | ♂ 28 06:14  | ♂ 2 22:07   | ♂ 15 21:38  | ♂ 26 11:32   | ♂ 3 02:52    | ♂ 15 02:51   | ♂ 27 16:38   |
| ♂ 4 17:45    | ♂ 18 21:20   | ♂ 29 12:02   | ♂ 6 01:17    | ♂ 18 04:50  | ♂ 30 18:59  | ♂ 5 08:22   | ♂ 18 10:04  | ♂ 29 00:17   | ♂ 5 12:41    | ♂ 17 15:46   | ♂ 30 05:21   |
| ♂ 7 06:28    | ♂ 21 09:33   |              | ♂ 8 13:58    | ♂ 20 17:15  |             | ♂ 7 20:33   | ♂ 20 21:55  | ♂ 31 11:44   | ♂ 8 01:07    | ♂ 20 03:51   |              |
| ♂ 9 18:42    | ♂ 23 19:52   | Nov. -2987j  | ♂ 11 02:54   | ♂ 23 02:50  | June -2985j | ♂ 10 08:58  | ♂ 23 07:08  |              | ♂ 10 13:41   | ♂ 22 13:20   | Aug. -2982j  |
| ♂ 12 05:36   | ♂ 26 02:47   | ♂ 1 00:07    | ♂ 13 13:52   | ♂ 25 08:25  | ♂ 2 06:14   | ♂ 12 19:21  | ♂ 25 12:57  | Jan. -2983j  | ♂ 12 23:59   | ♂ 24 20:11   | ♂ 1 16:31    |
| ♂ 14 13:59   | ♂ 28 05:46   | ♂ 3 09:19    | ♂ 15 21:04   | ♂ 27 10:31  | ♂ 4 14:09   | ♂ 15 02:16  | ♂ 27 16:01  | ♂ 2 20:02    | ♂ 15 07:11   | ♂ 27 01:11   | ♂ 4 01:30    |
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| ♂ 18 20:19   |              | ♂ 7 15:37    | ♂ 20 00:38   |             | ♂ 8 20:08   | ♂ 19 07:17  |             | ♂ 7 03:57    | ♂ 19 15:22   | ♂ 31 08:15   | ♂ 8 13:54    |
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| ♂ 22 19:01   | ♂ 2 04:49    | ♂ 11 14:18   | ♂ 24 00:55   | ♂ 1 10:56   | ♂ 12 21:54  | ♂ 23 10:18  | ♂ 1 19:35   | ♂ 11 08:55   | ♂ 23 21:29   | ♂ 2 10:56    | ♂ 12 19:58   |
| ♂ 24 20:35   | ♂ 4 05:03    | ♂ 13 15:58   | ♂ 26 04:10   | ♂ 3 12:45   | ♂ 15 00:52  | ♂ 25 14:22  | ♂ 3 22:39   | ♂ 13 13:39   | ♂ 26 00:55   | ♂ 4 13:47    | ♂ 14 21:37   |
| ♂ 27 02:04   | ♂ 6 08:23    | ♂ 15 21:07   | ♂ 28 10:34   | ♂ 5 17:15   | ♂ 17 06:23  | ♂ 27 20:47  | ♂ 6 03:25   | ♂ 15 17:35   | ♂ 28 05:19   | ♂ 6 18:00    | ♂ 16 23:59   |
| ♂ 29 11:40   | ♂ 8 15:39    | ♂ 18 05:47   | ♂ 30 19:53   | ♂ 8 00:42   | ♂ 19 14:32  | ♂ 30 05:26  | ♂ 8 10:04   | ♂ 18 00:43   | ♂ 30 11:43   | ♂ 8 09:06    | ♂ 18 04:46   |
| ♂ 31 23:56   | ♂ 11 02:14   | ♂ 20 16:56   |              | ♂ 10 10:44  | ♂ 22 01:01  |             | ♂ 10 18:41  | ♂ 20 08:37   |              | ♂ 9 00:56    | ♂ 21 13:02   |
|              | ♂ 13 14:33   | ♂ 23 05:23   | June -2986j  | ♂ 12 22:39  | ♂ 24 13:11  | Jan. -2984j | ♂ 13 05:25  | ♂ 22 19:40   | Aug. -2983j  | ♂ 11 11:12   | ♂ 24 00:31   |
| Nov. -2988j  | ♂ 16 03:13   | ♂ 25 18:08   | ♂ 2 07:23    | ♂ 15 11:34  | ♂ 27 02:04  | ♂ 1 15:59   | ♂ 15 17:48  | ♂ 25 08:24   | ♂ 1 21:04    | ♂ 13 23:47   | ♂ 26 13:13   |
| ♂ 3 12:44    | ♂ 18 15:15   | ♂ 28 06:14   | ♂ 4 20:11    | ♂ 18 00:12  | ♂ 29 13:59  | ♂ 4 04:05   | ♂ 18 06:15  | ♂ 27 20:31   | ♂ 4 09:09    | ♂ 16 12:09   | ♂ 29 00:36   |
| ♂ 6 00:40    | ♂ 21 01:48   | ♂ 30 16:18   | ♂ 7 09:09    | ♂ 20 10:51  |             | ♂ 6 16:41   | ♂ 20 16:27  | ♂ 30 05:35   | ♂ 6 22:01    | ♂ 18 21:55   | ♂ 31 09:17   |
| ♂ 8 11:13    | ♂ 23 09:47   |              | ♂ 9 20:43    | ♂ 22 18:05  | July -2985j | ♂ 9 04:03   | ♂ 22 22:51  |              | ♂ 9 08:53    | ♂ 21 04:24   |              |
| ♂ 10 19:57   | ♂ 25 14:23   | Dec. -2987j  | ♂ 12 05:16   | ♂ 24 21:31  | ♂ 1 23:13   | ♂ 11 12:15  | ♂ 25 01:34  | Feb. -2983j  | ♂ 11 16:09   | ♂ 23 08:22   | Sept. -2982j |
| ♂ 13 02:13   | ♂ 27 15:50   | ♂ 2 23:01    | ♂ 14 09:57   | ♂ 26 22:05  | ♂ 4 04:41   | ♂ 13 16:32  | ♂ 27 02:05  | ♂ 1 10:41    | ♂ 13 20:07   | ♂ 25 11:05   | ♂ 2 15:23    |
| ♂ 15 05:32   | ♂ 29 15:30   | ♂ 5 02:03    | ♂ 16 11:20   | ♂ 28 21:27  | ♂ 6 06:40   | ♂ 15 17:38  | ♂ 29 02:25  | ♂ 3 12:44    | ♂ 15 22:15   | ♂ 27 13:37   | ♂ 4 19:41    |
| ♂ 17 06:24   | ♂ 31 15:22   | ♂ 7 02:19    | ♂ 18 10:53   | ♂ 30 21:35  | ♂ 8 06:33   | ♂ 17 17:17  | ♂ 31 04:20  | ♂ 5 13:31    | ♂ 18 00:07   |              | ♂ 6 22:59    |
| ♂ 19 06:17   |              | ♂ 9 01:38    | ♂ 20 10:33   |             | ♂ 10 06:13  | ♂ 19 17:34  |             | ♂ 7 14:53    | ♂ 20 02:50   | March -2982j | ♂ 9 01:52    |
| ♂ 21 07:15   | June -2987j  | ♂ 11 02:03   | ♂ 22 12:11   | Jan. -2985j | ♂ 12 07:35  | ♂ 21 20:15  | Aug. -2984j | ♂ 9 18:00    | ♂ 22 06:50   | ♂ 1 16:36    | ♂ 11 04:48   |
| ♂ 23 11:16   | ♂ 2 17:28    | ♂ 13 05:23   | ♂ 24 17:08   | ♂ 2 00:16   | ♂ 14 12:05  | ♂ 24 02:15  | ♂ 2 08:50   | ♂ 11 23:18   | ♂ 24 12:17   | ♂ 3 20:29    | ♂ 13 08:29   |
| ♂ 25 19:22   | ♂ 4 23:14    | ♂ 15 12:33   | ♂ 27 01:46   | ♂ 4 06:36   | ♂ 16 20:07  | ♂ 26 11:19  | ♂ 4 15:59   | ♂ 14 06:38   | ♂ 26 19:30   | ♂ 6 01:47    | ♂ 15 13:53   |
| ♂ 28 06:54   | ♂ 7 08:49    | ♂ 17 23:10   | ♂ 29 13:17   | ♂ 6 16:31   | ♂ 19 06:59  | ♂ 28 22:26  | ♂ 7 01:20   | ♂ 16 15:52   | ♂ 29 05:01   | ♂ 8 09:15    | ♂ 17 21:57   |
| ♂ 30 19:40   | ♂ 9 20:53    | ♂ 20 11:41   |              | ♂ 9 04:46   | ♂ 21 19:27  | ♂ 31 10:41  | ♂ 9 12:22   | ♂ 19 03:02   | ♂ 31 16:55   | ♂ 10 19:23   | ♂ 20 08:52   |
|              | ♂ 12 09:30   | ♂ 23 00:24   | July -2986j  | ♂ 11 17:46  | ♂ 14 08:17  |             | ♂ 12 00:45  | ♂ 21 15:43   |              | ♂ 13 07:42   | ♂ 22 21:28   |
| Dec. -2988j  | ♂ 14 21:15   | ♂ 25 12:05   | ♂ 2 02:12    | ♂ 14 06:14  | ♂ 26 20:27  | Feb. -2984j | ♂ 14 13:33  | ♂ 24 04:22   | Sept. -2983j | ♂ 15 20:20   | ♂ 25 09:25   |
| ♂ 3 07:32    | ♂ 17 07:21   | ♂ 4 14:59    | ♂ 4 14:59    | ♂ 16 17:07  | ♂ 29 06:43  | ♂ 2 23:17   | ♂ 17 00:53  | ♂ 26 14:34   | ♂ 3 06:00    | ♂ 18 06:53   | ♂ 27 18:38   |
| ♂ 5 17:30    | ♂ 19 15:21   | ♂ 7 02:29    | ♂ 7 02:29    | ♂ 19 01:30  | ♂ 31 13:48  | ♂ 5 11:10   | ♂ 19 08:43  | ♂ 28 20:44   | ♂ 5 17:47    | ♂ 20 13:54   | ♂ 30 00:29   |
| ♂ 8 01:32    | ♂ 21 20:52   | ♂ 9 11:39    | ♂ 9 11:39    | ♂ 21 06:42  |             | ♂ 7 20:41   | ♂ 21 12:18  |              | ♂ 8 02:03    | ♂ 22 17:34   |              |
| ♂ 10 07:42   | ♂ 23 23:51   | Jan. -2986j  | ♂ 11 23:47   | ♂ 23 08:47  | Aug. -2985j | ♂ 10 02:31  | ♂ 23 12:41  | March -2983j | ♂ 10 06:18   | ♂ 24 19:11   | Oct. -2982j  |
| ♂ 12 11:59   | ♂ 26 00:59   | ♂ 1 09:53    | ♂ 13 20:52   | ♂ 25 08:45  | ♂ 2 17:13   | ♂ 12 04:33  | ♂ 25 11:51  | ♂ 2 23:04    | ♂ 12 07:42   | ♂ 26 20:16   | ♂ 2 03:40    |
| ♂ 14 14:31   | ♂ 28 01:40   | ♂ 3 11:57    | ♂ 15 21:35   | ♂ 27 08:20  | ♂ 4 17:38   | ♂ 14 04:05  | ♂ 27 12:03  | ♂ 4 23:09    | ♂ 14 08:06   | ♂ 28 22:13   | ♂ 4 05:31    |
| ♂ 16 16:58   | ♂ 30 03:36   | ♂ 5 12:31    | ♂ 17 21:25   | ♂ 29 09:34  | ♂ 6 16:44   | ♂ 16 03:14  | ♂ 29 15:02  | ♂ 6 23:03    | ♂ 16 09:13   | ♂ 31 01:55   | ♂ 6 07:23    |
| ♂ 18 17:44   |              | ♂ 7 13:08    | ♂ 19 22:10   | ♂ 31 14:12  | ♂ 8 16:39   | ♂ 18 04:13  | ♂ 31 21:32  | ♂ 9 00:36    | ♂ 18 12:18   |              | ♂ 8 10:16    |
| ♂ 20 21:27   | July -2987j  | ♂ 9 15:32    | ♂ 22 01:35   | Feb. -2985j | ♂ 10 19:26  | ♂ 20 08:41  |             | ♂ 11 04:54   | ♂ 20 17:50   | Apr. -2982j  | ♂ 10 14:49   |
| ♂ 23 04:29   | ♂ 2 08:20    | ♂ 11 21:10   | ♂ 24 08:51   | ♂ 2 22:59   | ♂ 13 02:17  | ♂ 22 17:02  | ♂ 2 08:50   | ♂ 13 12:09   | ♂ 24 12:17   | ♂ 3 20:29    | ♂ 12 21:20   |
| ♂ 25 14:58   | ♂ 4 16:41    | ♂ 14 06:33   | ♂ 26 19:46   | ♂ 4 06:36   | ♂ 16 20:07  | ♂ 24 02:15  | ♂ 4 15:59   | ♂ 14 06:38   | ♂ 26 19:30   | ♂ 6 01:47    | ♂ 15 06:00   |
| ♂ 28 03:28   | ♂ 7 04:06    | ♂ 16 18:41   | ♂ 29 13:17   | ♂ 6 16:31   | ♂ 19 06:59  | ♂ 28 22:26  | ♂ 7 01:20   | ♂ 16 15:52   | ♂ 29 05:01   | ♂ 8 09:15    | ♂ 17 21:57   |
| ♂ 30 15:31   | ♂ 9 16:40    | ♂ 19 07:27   | ♂ 31 21:19   | ♂ 8 00:04   | ♂ 21 19:27  | ♂ 31 10:41  | ♂ 9 12:22   | ♂ 19 03:02   | ♂ 31 16:55   | ♂ 10 19:23   | ♂ 20 08:52   |
|              | ♂ 12 04:20   | ♂ 21 18:51   |              | ♂           |             |             |             |              |              |              |              |

with clock times in UT/GMT. The year -2982 astronomical counting style corresponds to year 2983 B.C.E historical counting style.

|              |              |              |              |              |             |              |              |              |              |             |             |
|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|
| Dec. -2982j  | July -2981j  | Jan. -2980j  | July -2980j  | Feb. -2979j  | Aug. -2979j | Feb. -2978j  | Sept. -2978j | March -2977j | Sept. -2977j | Apr. -2976j | Oct. -2976j |
| Υ 23 10:37   | Υ 2 16:48    | Ω 12 05:40   | Π 23 15:09   | Ω 2 02:34    | Ω 14 11:45  | Π 23 23:32   | Ω 1 03:20    | Π 13 15:52   | Ω 23 03:01   | Π 1 10:17   | Π 11 23:10  |
| Ω 25 13:05   | Ω 4 20:52    | Ω 14 08:05   | Ω 25 16:21   | Ω 4 03:27    | Ω 16 12:47  | Ω 26 00:40   | Ω 3 07:24    | Ω 15 19:36   | Ω 25 07:13   | Ω 3 16:11   | Ω 14 05:28  |
| Π 27 12:51   | Π 6 21:32    | Ω 16 07:53   | Ω 27 16:11   | Π 6 03:37    | Ω 18 13:50  | Π 28 02:17   | Π 5 09:43    | Π 17 22:12   | Ω 27 10:41   | Ω 5 20:39   | Ω 16 09:57  |
| Ω 29 11:50   | Ω 8 20:38    | Ω 18 07:08   | Ω 29 16:36   | Ω 8 04:47    | Ω 20 16:17  |              | Ω 7 11:44    | Ω 20 00:49   | Ω 29 13:49   | Ω 7 23:59   | Ω 18 12:38  |
| Ω 31 12:21   | Ω 10 20:24   | Ω 20 07:56   | Ω 31 19:06   | Ω 10 08:11   | Ω 22 20:59  | March -2978j | Ω 9 14:33    | Ω 22 04:03   |              | Ω 10 02:28  | Ω 20 14:09  |
|              | Ω 12 22:49   | Ω 22 11:44   |              | Ω 12 14:27   | Ω 25 04:09  |              | Ω 11 18:43   | Ω 24 08:13   |              | Ω 12 04:45  | Ω 22 15:47  |
| Jan. -2981j  | Ω 15 04:57   | Ω 24 19:03   | Aug. -2980j  | Ω 14 23:29   | Ω 27 13:37  | Ω 2 05:33    | Ω 14 00:25   | Ω 26 13:42   | Oct. -2977j  | Ω 14 08:04  | Ω 24 19:15  |
| Π 2 16:19    | Π 17 14:32   | Ω 27 05:17   | Π 3 00:30    | Ω 17 10:44   | Ω 30 01:01  | Ω 4 10:59    | Ω 16 07:54   | Ω 28 21:14   | Ω 1 16:52    | Ω 16 13:53  | Π 27 02:00  |
| Ω 5 00:29    | Ω 20 02:17   | Ω 29 17:20   | Ω 5 08:48    | Ω 19 23:24   |             | Ω 6 18:38    | Ω 18 17:31   | Ω 31 07:24   | Ω 3 20:25    | Ω 18 23:05  | Ω 29 12:21  |
| Ω 7 11:55    | Ω 22 14:51   |              | Ω 7 19:29    | Ω 22 12:17   |             | Ω 9 04:19    | Ω 21 05:19   |              | Ω 6 01:34    | Ω 21 11:07  |             |
| Ω 10 00:40   | Ω 25 03:19   | Feb. -2980j  | Ω 10 07:50   | Ω 24 23:47   |             | Ω 11 15:48   | Ω 23 18:05   | Apr. -2977j  | Ω 10 20:44   | Ω 23 23:46  | Nov. -2976j |
| Ω 12 13:07   | Ω 27 14:43   | Ω 1 06:13    | Ω 12 05:53   | Ω 27 08:15   |             | Ω 14 04:23   | Ω 26 05:28   | Ω 2 19:49    | Ω 13 09:41   | Ω 26 10:31  | Ω 1 00:52   |
| Ω 15 00:29   | Υ 29 23:50   | Ω 3 18:51    | Ω 15 09:11   |              |             | Ω 16 16:25   | Ω 28 13:20   | Ω 5 08:26    | Ω 15 21:35   | Ω 28 18:13  | Ω 3 13:02   |
| Ω 17 10:12   |              | Ω 6 05:51    | Ω 17 18:56   | March -2979j | Ω 8 19:26   | Ω 21 07:26   | Π 30 17:16   | Ω 7 18:38    | Ω 18 06:17   | Π 30 23:14  | Ω 5 22:59   |
| Ω 19 17:29   | Aug. -2981j  | Ω 8 13:45    | Ω 20 00:56   | Ω 1 12:56    | Ω 10 22:33  | Ω 23 09:29   |              | Ω 10 01:02   | Ω 20 11:30   | Ω 8 06:18   |             |
| Ω 21 21:43   | Ω 1 05:32    | Ω 10 17:54   | Ω 22 03:15   | Ω 3 14:21    | Ω 12 22:58  | Ω 25 09:32   | Oct. -2978j  | Ω 12 04:06   | Ω 22 14:26   | Ω 10 11:29  |             |
| Ω 23 23:05   | Ω 3 07:44    | Ω 12 18:52   | Ω 24 03:11   | Ω 5 13:58    | Ω 14 22:32  | Ω 27 09:35   | Ω 2 18:28    | Ω 14 05:26   | Ω 24 16:35   | Ω 12 18:11  |             |
| Ω 25 22:55   | Ω 5 07:36    | Ω 14 18:18   | Ω 26 02:36   | Ω 7 13:41    | Ω 16 23:15  | Ω 29 11:30   | Ω 4 18:53    | Ω 16 06:47   | Ω 26 19:09   | Ω 14 15:21  |             |
| Ω 27 23:09   | Ω 7 07:03    | Ω 16 18:08   | Ω 28 03:25   | Ω 9 15:21    | Ω 19 02:45  | Ω 31 16:24   | Ω 6 20:22    | Ω 18 09:25   | Ω 28 22:39   | Ω 16 21:07  |             |
| Π 30 01:51   | Ω 9 08:13    | Ω 18 20:16   | Ω 30 07:13   | Ω 11 20:23   | Ω 21 09:42  |              | Ω 9 00:06    | Ω 20 13:51   | Ω 31 03:21   | Ω 19 00:14  |             |
|              | Ω 11 12:44   | Ω 21 01:59   |              | Ω 14 05:06   | Ω 23 19:40  | Apr. -2978j  | Ω 11 06:19   | Ω 22 20:10   |              | Ω 11 15:49  |             |
| Feb. -2981j  | Ω 13 21:09   | Ω 23 11:22   | Sept. -2980j | Ω 16 16:38   | Ω 26 07:30  | Ω 3 00:21    | Ω 13 14:40   | Ω 25 04:25   | Nov. -2977j  | Ω 13 22:14  | Π 23 11:26  |
| Ω 1 08:26    | Ω 16 08:34   | Ω 25 23:23   | Ω 1 14:41    | Ω 19 05:30   | Ω 28 20:08  | Ω 5 10:37    | Ω 16 00:48   | Ω 27 14:49   | Ω 2 09:34    | Ω 16 07:21  | Ω 25 21:06  |
| Ω 3 18:48    | Ω 18 21:11   | Ω 28 12:20   | Ω 4 01:24    | Ω 21 18:19   |             | Ω 7 22:23    | Ω 18 12:35   | Ω 30 03:10   | Ω 4 17:57    | Ω 18 19:03  | Ω 28 09:08  |
| Ω 6 07:19    | Ω 21 09:26   |              | Ω 6 13:59    | Ω 24 05:59   |             | Ω 10 10:59   | Ω 21 01:26   |              | Ω 7 04:53    | Ω 21 07:49  | Π 30 21:36  |
| Ω 8 19:46    | Ω 23 20:23   | March -2980j | Ω 9 02:58    | Ω 26 15:23   |             | Ω 12 12:34   | Ω 23 13:40   | May -2977j   | Ω 9 17:42    | Ω 23 19:11  | Dec. -2976j |
| Ω 11 06:45   | Ω 26 05:26   | Ω 2 00:43    | Ω 11 15:05   | Ω 28 21:39   |             | Ω 15 09:57   | Ω 25 22:59   | Ω 2 16:07    | Ω 12 06:14   | Ω 26 03:23  | Ω 3 08:09   |
| Ω 13 15:51   | Ω 28 11:59   | Ω 4 11:29    | Ω 14 01:18   | Ω 31 00:33   |             | Ω 17 16:57   | Ω 28 04:04   | Ω 5 03:18    | Ω 14 15:58   | Ω 28 08:11  | Ω 5 15:29   |
| Ω 15 22:56   | Ω 30 15:49   | Ω 6 19:51    | Ω 16 08:42   |              |             | Ω 19 19:57   | Ω 30 05:24   | Ω 7 10:41    | Ω 16 21:46   | Ω 30 10:34  |             |
| Ω 18 03:53   |              | Ω 9 01:20    | Ω 18 12:52   | Apr. -2979j  | Ω 10 10:23  | Ω 21 20:00   |              | Ω 9 14:06    | Ω 19 00:14   |             | Ω 7 19:48   |
| Ω 20 06:44   | Sept. -2981j | Ω 11 03:59   | Ω 20 14:12   | Ω 2 00:52    | Ω 12 09:35  | Ω 23 19:06   | Nov. -2978j  | Ω 11 14:50   | Ω 21 01:02   | June -2976j | Ω 9 22:12   |
| Ω 22 08:08   | Ω 1 17:21    | Ω 13 04:43   | Ω 22 13:59   | Ω 4 00:13    | Ω 14 08:55  | Ω 25 19:27   | Ω 1 04:50    | Ω 13 14:51   | Ω 23 01:55   | Ω 1 11:58   | Ω 12 00:02  |
| Ω 24 09:21   | Ω 3 17:49    | Ω 15 04:56   | Ω 24 14:01   | Ω 6 00:37    | Ω 16 10:34  | Ω 27 22:50   | Ω 3 04:37    | Ω 15 15:58   | Ω 25 04:15   | Ω 3 13:43   | Ω 14 02:29  |
| Ω 26 12:02   | Ω 5 18:55    | Ω 17 06:23   | Ω 26 16:12   | Ω 8 04:01    | Ω 18 16:03  | Ω 30 05:59   | Ω 5 06:37    | Ω 17 19:25   | Ω 27 08:48   | Ω 5 16:49   | Ω 16 06:19  |
| Ω 28 17:41   | Ω 7 22:22    | Ω 19 10:41   | Ω 28 22:03   | Ω 10 11:30   | Ω 21 01:30  |              | Ω 7 11:54    | Ω 20 01:38   | Ω 29 15:43   | Ω 7 21:52   | Ω 18 11:56  |
|              | Ω 10 05:23   | Ω 21 18:44   |              | Ω 12 22:38   | Ω 23 13:31  | May -2978j   | Ω 9 20:19    | Ω 22 10:23   |              | Ω 10 05:09  | Ω 20 19:34  |
| March -2981j | Ω 12 15:52   | Ω 24 06:07   | Oct. -2980j  | Ω 15 11:34   | Ω 26 02:18  | Ω 2 16:16    | Ω 12 06:59   | Ω 24 21:16   | Dec. -2977j  | Ω 12 14:46  | Ω 23 05:22  |
| Ω 3 02:55    | Ω 15 04:21   | Ω 26 19:00   | Ω 1 07:55    | Ω 18 00:17   | Ω 28 14:36  | Ω 5 04:19    | Ω 14 19:03   | Ω 27 09:44   | Ω 2 00:55    | Ω 15 02:29  | Ω 25 17:07  |
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| Ω 8 03:17    | Ω 20 03:08   | Ω 31 17:28   | Ω 6 09:25    | Ω 22 21:05   |             | Ω 10 05:22   | Ω 19 20:19   |              | Ω 7 00:55    | Ω 20 03:22  | Ω 30 17:09  |
| Ω 10 14:15   | Ω 22 11:20   |              | Ω 8 21:08    | Ω 25 04:14   |             | Ω 12 16:25   | Ω 22 06:47   | June -2977j  | Ω 9 13:45    | Ω 22 12:40  |             |
| Ω 12 22:46   | Ω 24 17:24   | Apr. -2980j  | Ω 11 06:53   | Ω 27 08:40   |             | Ω 15 00:43   | Ω 24 13:36   | Ω 1 10:43    | Ω 12 00:38   | Ω 24 18:15  | Jan. -2975j |
| Ω 15 04:56   | Ω 26 21:40   | Ω 3 01:20    | Ω 13 14:29   | Ω 29 10:31   |             | Ω 17 05:18   | Ω 26 16:25   | Ω 3 19:27    | Ω 14 07:54   | Ω 26 20:31  | Ω 2 01:29   |
| Ω 17 09:17   | Ω 29 00:33   | Ω 5 06:59    | Ω 15 19:52   |              |             | Ω 19 06:29   | Ω 28 16:23   | Ω 6 00:09    | Ω 16 11:17   | Ω 28 20:51  | Ω 4 06:03   |
| Ω 19 12:25   |              | Ω 7 10:44    | Ω 17 23:02   | May -2979j   | Ω 8 20:57   | Ω 21 05:46   | Ω 30 15:27   | Ω 8 01:26    | Ω 18 11:54   | Ω 30 21:04  | Ω 6 07:39   |
| Ω 21 14:54   | Oct. -2981j  | Ω 9 12:59    | Ω 20 00:24   | Ω 1 10:42    | Ω 10 20:16  | Ω 23 05:20   |              | Ω 10 00:58   | Ω 20 11:30   |             | Ω 8 07:57   |
| Ω 23 17:29   | Ω 1 02:40    | Ω 11 14:31   | Ω 22 01:04   | Ω 3 10:58    | Ω 12 20:47  | Ω 25 07:15   | Dec. -2978j  | Ω 12 00:46   | Ω 22 12:01   | July -2976j | Ω 10 08:49  |
| Ω 25 21:09   | Ω 3 04:56    | Ω 13 16:28   | Ω 24 02:45   | Ω 5 13:19    | Ω 15 00:32  | Ω 27 12:54   | Ω 2 15:50    | Ω 14 02:35   | Ω 24 14:59   | Ω 2 22:49   | Ω 12 11:47  |
| Ω 28 02:56   | Ω 5 08:33    | Ω 15 20:17   | Ω 26 07:18   | Ω 7 19:24    | Ω 17 08:31  | Ω 29 22:22   | Ω 4 19:15    | Ω 16 07:36   | Ω 26 21:17   | Ω 5 03:19   | Ω 14 17:32  |
| Π 30 11:34   | Ω 7 14:47    | Ω 18 03:17   | Ω 28 15:48   | Ω 10 05:32   | Ω 19 19:59  |              | Ω 7 02:27    | Ω 18 16:00   | Ω 29 06:46   | Ω 7 10:53   | Ω 17 01:56  |
|              | Ω 10 00:16   | Ω 20 13:47   | Ω 31 03:44   | Ω 12 18:10   | Ω 22 08:48  | June -2978j  | Ω 9 12:53    | Ω 21 03:08   | Ω 31 18:31   | Ω 9 21:06   | Ω 19 12:22  |
| Apr. -2981j  | Ω 12 12:21   | Ω 23 02:27   |              | Ω 15 06:51   | Ω 24 20:59  | Ω 1 10:18    | Ω 12 01:11   | Ω 23 15:48   |              | Ω 12 09:06  | Ω 22 00:13  |
| Ω 1 22:52    | Ω 15 00:52   | Ω 25 14:44   | Nov. -2980j  | Ω 17 17:50   | Ω 27 07:40  | Ω 3 22:59    | Ω 14 13:58   | Ω 26 04:49   | Jan. -2976j  | Ω 14 21:55  | Ω 24 12:49  |
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| Ω 6 22:40    | Ω 19 19:05   | Ω 30 07:45   | Ω 5 04:22    | Ω 22 09:39   |             | Ω 8 21:59    | Ω 19 12:47   |              | Ω 5 20:08    | Ω 19 20:49  | Ω 29 10:33  |
| Ω 9 07:13    | Ω 21 23:59   |              | Ω 7 13:25    | Ω 24 14:43   | Dec. -2979j | Ω 11 06:44   | Ω 21 20:43   | July -2977j  | Ω 8 07:31    | Ω 22 03:55  | Ω 31 16:25  |
| Ω 11 12:41   | Ω 24 03:14   | May -2980j   | Ω 9 20:09    | Ω 26 17:55   | Ω 1 23:33   | Ω 13 12:36   | Ω 23 12:36   | Ω 2 02:32    | Ω 10 16:10   | Ω 24 07:13  |             |
| Ω 13 15:53   | Ω 26 05:58   | Ω 2 12:36    | Ω 12 01:16   | Ω 28 19:35   | Ω 4 04:05   | Ω 15 15:24   | Ω 25 07:15   | Ω 3 08:48    | Ω 12 21:17   | Ω 26 07:36  | Feb. -2975j |
| Ω 15 18:02   | Ω 28 08:58   | Ω 4 16:08    | Ω 14 05:12   | Ω 30 20:46   | Ω 6 06:13   | Ω 17 15:59   | Ω 27 12:54   | Ω 5 11:36    | Ω 14 23:04   | Ω 28 06:49  | Ω 2 18:31   |
| Ω 17 20:19   | Ω 30 12:38   | Ω 6 19:05    | Ω 16 08:06   |              | Ω 8 06:52   | Ω 19 15:56   | Ω 29 15:56   | Ω 7 11:54    | Ω 16 22:47   | Ω 30 06:57  | Ω 4 18:13   |
| Ω 19 23:34   |              | Ω 8 21:52    | Ω 18 10:20   | June -2979j  | Ω 10 07:43  | Ω 21 17:14   |              | Ω 9 11:23    | Ω 18 22:15   |             | Ω 6 17:37   |
| Ω 21 24:20   | Nov. -2981j  | Ω 11 01:01   | Ω 20 12:53   | Ω 1 23:09    | Ω 12 10:42  | Ω 23 21:34   | Jan. -2977j  | Ω 11 11:57   | Ω 20 23:29   | Aug. -2976j | Ω 8 18:50   |
| Ω 24 10:57   | Ω 1 17:25    | Ω 13 05:23   | Ω 22 17:14   | Ω 4 04:27    | Ω 14 17:16  | Ω 26 05:44   | Ω 3 10:23    |              |              |             |             |

with clock times in UT/GMT. The year -2975 astronomical counting style corresponds to year 2976 B.C.E historical counting style.

|             |             |              |             |             |              |              |              |              |              |              |              |
|-------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Apr. -2975j | Nov. -2975j | May -2974j   | Nov. -2974j | June -2973j | Dec. -2973j  | June -2972j  | Jan. -2971j  | July -2971j  | Jan. -2970j  | Aug. -2970j  | Feb. -2969j  |
| 23 13:16    | 3 03:12     | 15 15:58     | 25 04:56    | 2 04:29     | 12 18:44     | 23 06:46     | 2 19:22      | 15 04:47     | 24 16:15     | 1 16:33      | 11 05:38     |
| 25 18:59    | 5 08:03     | 17 19:21     | 27 07:10    | 4 11:51     | 15 00:54     | 25 10:53     | 4 21:54      | 17 06:23     | 26 17:43     | 3 22:37      | 13 11:10     |
| 27 22:18    | 7 10:14     | 19 20:24     | 29 07:12    | 6 15:42     | 17 03:12     | 27 11:38     | 6 21:54      | 19 06:44     | 28 18:35     | 6 01:58      | 15 14:20     |
| 29 23:46    | 9 10:47     | 21 20:26     |             | 8 16:33     | 19 02:49     | 29 10:54     | 8 21:28      | 21 07:42     | 30 20:20     | 8 03:53      | 17 16:22     |
|             | 11 11:15    | 23 21:12     | Dec. -2974j | 10 15:54    | 21 01:47     |              | 10 22:38     | 23 10:33     |              | 10 05:42     | 19 18:31     |
|             | 13 13:27    | 26 00:25     | II 1 06:43  | 12 15:46    | 23 02:23     | July -2972j  | 13 02:40     | 25 15:51     | Feb. -2970j  | 12 08:25     | 21 21:42     |
| May -2975j  | 15 18:51    | 28 07:17     | II 3 07:43  | 14 18:11    | 25 06:25     | 1 10:53      | 15 09:50     | 27 23:35     | 1 23:54      | 14 12:44     | 24 02:27     |
| 2 00:36     | 18 04:03    | 30 17:47     | II 5 11:59  | 17 00:31    | 27 14:30     | 3 13:28      | 17 19:36     | 30 09:31     | 4 05:46      | 16 19:01     | 26 09:07     |
| 4 02:29     | 20 16:04    |              | II 7 20:28  | 19 10:40    | 30 01:43     | 5 19:34      | 20 07:09     |              | 6 13:59      | 19 03:32     | 28 17:56     |
| 6 07:01     | 23 04:51    | June -2974j  | II 9 15:04  | 10 08:19    |              | 8 04:50      | 22 19:51     | Aug. -2971j  | 9 00:28      | 21 14:17     |              |
| 8 15:04     | 25 16:21    | 1 2 06:27    | II 11 21:39 | 12 21:28    | Jan. -2972j  | 10 16:11     | 25 08:44     | 1 21:22      | 11 12:46     | 24 02:44     | March -2969j |
| 11 02:16    | 28 01:39    | 3 4 19:07    | II 13 09:52 | 15 09:52    | 1 14:18      | 13 04:34     | 27 20:09     | 4 10:23      | 14 01:43     | 26 15:16     | 3 04:56      |
| 13 14:45    | 30 08:40    | 5 7 06:12    | II 15 18:37 | 17 20:32    | 4 02:55      | 15 17:13     | 30 04:16     | 6 22:56      | 16 13:26     | 29 01:48     | 5 17:22      |
| 16 02:27    |             | 7 9 15:04    | II 17 05:08 | 19 10:15    | 6 14:48      | 18 05:04     |              | 9 08:54      | 18 22:01     | 31 08:46     | 8 05:27      |
| 18 12:01    | Dec. -2975j | 9 11 21:39   | II 19 06:43 | 21 11:31    | 9 01:07      | 20 14:31     | Feb. -2971j  | 11 14:54     | 21 02:44     |              | 10 15:02     |
| 20 19:14    | 2 13:41     | 11 12 06:06  | II 21 15:30 | 23 11:31    | 11 08:44     | 22 20:16     | 1 08:19      | 13 17:10     | 23 04:15     | Sept. -2970j | 12 20:57     |
| 22 00:24    | 4 17:05     | 13 16 04:41  | II 23 17:17 | 25 11:31    | 13 12:51     | 24 22:15     | 3 09:04      | 15 17:08     | 25 04:08     | 2 12:08      | 14 23:32     |
| 25 03:58    | 6 19:22     | 15 18 06:04  | II 25 18:47 | 27 11:31    | 15 13:49     | 26 21:48     | 5 08:17      | 17 16:46     | 27 04:15     | 4 13:04      | 17 00:16     |
| 27 06:31    | 8 21:16     | 17 19 07:23  | II 27 18:37 | 29 11:31    | 17 13:07     | 28 21:01     | 7 08:05      | 19 17:53     |              | 6 13:16      | 19 00:57     |
| 29 08:44    | 10 23:57    | 19 20 10:10  | II 29 18:37 | 31 11:31    | 19 12:54     | 30 22:04     | 9 10:19      | 21 21:52     |              | 8 14:32      | 21 03:12     |
| 31 11:38    | 13 04:47    | 21 21 15:57  | II 31 18:37 |             | 21 15:19     |              | 11 16:05     | 24 05:12     | March -2970j | 10 18:11     | 23 07:56     |
|             | 15 12:50    | 23 22 01:27  |             | 1 12:44     | 23 21:46     | Aug. -2972j  | 14 01:20     | 26 15:27     | 1 06:16      | 13 00:46     | 25 15:16     |
| June -2975j | 18 00:03    | 25 23 13:44  | 1 1 21:44   | 3 4 04:41   | 26 08:04     | 2 02:34      | 16 13:04     | 29 03:38     | 3 11:19      | 15 10:01     | 28 00:47     |
| II 2 16:21  | 4 23:51     |              | 3 6 15:33   | 5 10:39     | 28 20:33     | 4 10:55      | 19 01:54     | 31 16:37     | 5 19:38      | 17 21:14     | 30 12:01     |
| II 4 23:51  | 7 10:19     | July -2974j  | 7 9 04:31   | 9 16:55     | 31 09:11     | 6 22:08      | 21 14:38     |              | 8 06:37      | 20 09:40     |              |
| II 6 07:01  | 9 22:39     | 1 2 02:28    | 9 11 16:55  | 11 24:09    |              | 9 10:40      | 24 02:05     | Sept. -2971j | 10 19:09     | 22 22:22     | Apr. -2969j  |
| II 8 15:04  | 12 10:37    | 3 4 13:20    | 11 16:55    | 13 26:15    | Feb. -2972j  | 11 23:10     | 26 11:03     | 3 05:12      | 13 08:07     | 25 09:50     | 2 00:28      |
| II 10 02:16 | 14 20:16    | 5 6 21:28    | 13 26:15    | 15 28:34    | 2 20:43      | 14 10:45     | 28 16:41     | 5 15:56      | 18 05:52     | 27 18:21     | 4 12:58      |
| II 12 10:37 | 17 02:51    | 7 9 03:16    | 15 28:34    | 17 31:05    | 5 06:38      | 16 20:33     |              | 7 23:32      | 20 12:09     | 29 23:00     | 6 23:39      |
| II 14 20:16 | 19 06:56    | 9 11 07:31   | 17 31:05    | 19 20:23    | 7 14:32      | 19 03:34     | March -2971j | 10 03:28     | 22 14:52     |              | 9 06:46      |
| II 16 15:35 | 21 09:34    | 11 13 10:49  | 19 20:23    | 21 03:31    | 9 19:53      | 21 07:17     | 1 21:03      | 12 04:25     | 24 15:02     | Oct. -2970j  | 11 09:55     |
| II 18 12:01 | 23 11:56    | 13 15 13:33  | 21 03:31    | 23 02:36    | 11 22:33     | 23 08:17     | 3 09:15      | 14 03:52     | 26 14:20     | 2 00:13      | 13 10:12     |
| II 20 19:14 | 25 14:52    | 15 17 16:11  | 23 02:36    | 25 04:31    | 13 13:56     | 25 08:04     | 5 18:57      | 16 03:46     | 28 14:47     | 3 23:33      | 15 09:36     |
| II 22 03:58 | 27 18:55    | 17 19 19:36  | 25 04:31    | 27 07:47    | 15 13:56     | 27 08:34     | 8 20:03      | 18 05:58     | 30 18:12     | 5 23:09      | 17 10:15     |
| II 24 06:31 | 29 08:44    | 19 21 01:09  | 27 07:47    | 29 07:47    | 17 18:01     | 29 11:39     | 11 10:10     | 20 11:50     |              | 8 01:02      | 19 13:46     |
| II 26 09:07 | 31 22:27    | 21 22 09:53  | 29 07:47    | 31 13:57    | 19 18:01     | 31 18:30     | 13 08:07     | 22 21:30     | Apr. -2970j  | 10 06:33     | 21 20:44     |
| II 28 12:01 |             | 23 24 09:53  | 31 13:57    |             | 21 20:44     |              | 15 19:21     | 25 09:48     | 2 01:33      | 12 15:43     | 24 06:35     |
| II 30 12:01 | June -2975j | 25 26 21:41  | Feb. -2973j | 1 13 01:49  | 23 25:44     | Sept. -2972j | 18 08:12     | 27 22:50     | 4 12:23      | 15 03:21     | 26 18:12     |
| II 2 16:21  | 2 08:18     | 27 20:59     | 3 13 01:49  | 3 13 08:08  | 25 03:37     | 3 04:54      | 20 20:47     | 30 11:06     | 6 20:15      | 17 15:58     | 29 06:44     |
| II 4 23:51  | 4 18:27     | 29 09:14     | 5 12 18:18  | 5 12 18:18  | 27 16:12     | 5 17:19      | 23 07:48     |              | 9 14:03      | 20 04:32     |              |
| II 6 07:01  | 7 06:37     | 31 18:38     | 7 00 51:05  | 7 00 51:05  |              | 8 05:47      | 25 16:36     | Oct. -2971j  | 12 01:57     | 22 16:13     | May -2969j   |
| II 8 15:04  | 9 19:02     | 24 00:21     | 9 11 06:06  | 9 11 06:06  | March -2972j | 10 16:55     | 27 22:53     | 2 21:40      | 14 12:02     | 25 01:55     | 1 19:20      |
| II 10 02:16 | 12 05:24    | 26 03:12     | 11 12 18:18 | 11 12 18:18 | 1 03:36      | 13 02:07     | 30 02:42     | 5 05:58      | 16 19:31     | 27 08:23     | 4 06:44      |
| II 12 10:37 | 14 12:12    | 28 04:50     | 13 13 15:33 | 13 13 15:33 | 3 12:54      | 15 09:09     |              | 7 11:31      | 18 23:53     | 29 11:10     | 6 15:14      |
| II 14 20:16 | 16 15:35    | 30 06:48     | 15 15 13:33 | 15 15 13:33 | 5 20:06      | 17 13:54     | Apr. -2971j  | 9 14:19      | 21 01:21     | 31 11:07     | 8 19:49      |
| II 16 15:35 | 18 16:56    |              | 17 17 16:11 | 17 17 16:11 | 8 01:20      | 19 16:35     | 1 04:29      | 11 15:01     | 23 01:05     |              | 10 20:51     |
| II 18 12:01 | 20 19:34    | Feb. -2974j  | 19 19 19:36 | 19 19 19:36 | 10 04:50     | 21 17:57     | 3 05:15      | 13 15:03     | 25 00:57     | Nov. -2970j  | 12 20:00     |
| II 20 19:14 | 22 20:15    | 1 10 05:05   | 21 20 10:10 | 21 20 10:10 | 12 07:01     | 23 19:14     | 5 06:27      | 15 16:15     | 27 02:59     | 2 10:08      | 14 19:29     |
| II 22 03:58 | 24 06:31    | 3 14:57      | 23 21 08:56 | 23 21 08:56 | 14 08:47     | 25 22:01     | 7 09:42      | 17 20:29     | 29 08:51     | 4 10:29      | 16 21:23     |
| II 24 06:31 | 26 09:07    | 5 21:26      | 25 22 09:53 | 25 22 09:53 | 16 11:25     | 27 03:38     | 9 16:20      | 20 04:48     |              | 6 14:10      | 19 03:00     |
| II 26 09:07 | 28 12:01    | 7 08:56      | 27 23 11:31 | 27 23 11:31 | 18 16:19     | 30 12:56     | 12 02:37     | 22 16:35     | May -2970j   | 8 22:05      | 21 12:18     |
| II 28 12:01 | 30 12:01    | 9 16:18      | 29 24 09:53 | 29 24 09:53 | 20 06:44     |              | 14 15:12     | 25 05:40     | 1 18:48      | 11 09:26     | 24 00:01     |
| II 30 12:01 | Aug. -2975j | 13 04:45     | 31 21:43    | 31 21:43    | 22 15:44     | Sept. -2972j | 17 03:47     | 27 17:44     | 4 07:22      | 13 22:11     | 26 12:39     |
| II 2 16:21  | 1 01:57     | 15 17:27     | Aug. -2974j | 1 10 11:06  | 25 03:37     | 3 00:54      | 19 14:24     | 30 03:39     | 6 20:15      | 16 10:38     | 29 01:07     |
| II 4 23:51  | 3 14:01     | 18 03:51     | 3 03 05:37  | 3 03 05:37  | 27 16:12     | 5 13:29      | 21 22:29     |              | 9 07:50      | 18 21:57     | 31 12:33     |
| II 6 07:01  | 5 02:49     | 20 10:17     | 5 10 28:34  | 5 10 28:34  | 29 03:31     | 8 00:32      | 24 04:18     | Nov. -2971j  | 11 17:32     | 20 07:41     |              |
| II 8 15:04  | 7 12:12     | 22 12:59     | 7 13 34:34  | 7 13 34:34  | 31 05:59     | 10 08:59     | 26 08:26     | 1 11:25      | 14 01:14     | 23 15:11     | June -2969j  |
| II 10 02:16 | 9 14:13     | 24 15:36     | 9 14 34:34  | 9 14 34:34  | 1 03:36      | 12 15:01     | 28 11:22     | 3 17:18      | 16 06:41     | 25 19:45     | 2 21:52      |
| II 12 10:37 | 11 16:11    | 26 16:56     | 11 16 16:11 | 11 16 16:11 | 3 12:54      | 14 19:16     | 30 13:36     | 5 21:26      | 18 09:43     | 27 21:27     | 5 03:56      |
| II 14 20:16 | 13 18:13    | 28 18:13     | 13 18 18:13 | 13 18 18:13 | 5 20:06      | 16 22:29     |              | 7 23:55      | 20 10:49     | 29 21:24     | 7 06:32      |
| II 16 15:35 | 15 20:15    | 30 20:15     | 15 20 20:15 | 15 20 20:15 | 8 01:20      | 19 01:13     | May -2971j   | 10 01:20     | 22 11:15     |              | 9 06:37      |
| II 18 12:01 | 17 02:20    |              | 17 02 20:15 | 17 02 20:15 | 10 04:50     | 21 04:03     | 2 15:51      | 12 02:58     | 24 12:55     | Dec. -2970j  | 11 06:03     |
| II 20 19:14 | 19 06:56    | March -2974j | 19 06 16:56 | 19 06 16:56 | 12 07:01     | 23 07:46     | 4 19:19      | 14 06:32     | 26 17:38     | 1 21:32      | 13 06:56     |
| II 22 03:58 | 21 09:34    | 1 2 02:28    | 21 07 16:56 | 21 07 16:56 | 14 08:47     | 25 10:04     | 7 01:20      | 16 13:35     | 28 02:24     | 3 23:58      | 15 11:02     |
| II 24 06:31 | 23 11:56    | 3 4 13:20    | 23 08 56:56 | 23 08 56:56 | 16 11:25     | 27 03:38     | 9 10:44      | 19 00:25     | 30 14:22     | 5 06:15      | 17 19:04     |
| II 26 09:07 | 25 14:52    | 5 6 21:28    | 25 10 56:56 | 25 10 56:56 | 18 16:19     | 30 12:56     | 11 22:54     | 21 13:21     |              | 8 16:29      | 20 06:18     |
| II 28 12:01 | 27 18:55    | 7 9 03:16    | 27 12 56:56 | 27 12 56:56 | 20 06:44     |              | 14 15:12     | 24 01:33     | June -2970j  | 11 05:00     | 22 18:54     |
| II 30 12:01 | 30 12:01    | 9 16:18      | 29 14 56:56 | 29 14 56:56 | 22 15:44     | Sept. -2972j | 17 03:47     | 27 17:44     | 3 03:12      | 13 17:29     | 25 07:13     |
| II 2 16:21  | Aug. -2975j | 13 04:45     | 31 16:56    | 31 16:56    | 25 03:37     | 3 00:54      | 19 14:24     | 30 03:39     | 5 14:37      | 16 04:26     | 27 18:14     |
| II 4 23:51  | 1 01:57     | 15 17:27     | 1 18 18:18  | 1 18 18:18  | 27 16:12     | 5 13:29      | 21 22:29     |              | 7 23:45      | 18 13:28     | 30 03:22     |
| II 6 07:01  | 3 14:01     | 18 03:51     | 3 20 10:10  | 3 20 10:10  | 29 03:31     | 8 00:32      | 24 04:18     | Nov. -2971j  | 10 06:46     | 20 20:36     |              |
| II 8 15:04  | 5 02:49     | 20 10:17     | 5 22 12:59  | 5 22 12:59  | 31 05:59     | 10 08:59     | 26 08:26     | 1 11:25      | 14 01:14     | 23 15:11     | June -2969j  |
| II 10 02:16 | 7 12:12     | 22 12:59     | 7 14 34:34  | 7 14 34:34  | 1 03:36      | 12 15:01     | 28 11:22     | 3 17:18      | 16 06:41     | 25 19:45     | 2 21:52      |
| II 12 10:37 | 9 14:13     | 24 15:36     | 9 16 16:11  | 9 16 16:11  | 3 12:54      | 14 19:16     | 30 13:36     | 5 21:26      | 18 09:43     | 27 21:27     | 5 03:56      |
| II 14 20:16 | 11 16:11    | 26 16:56     | 11 18 18:13 | 11 18 18:13 | 5 20:06      | 16 22:29     |              | 7 23:55      | 20 10:49     | 29 21:24     | 7 06:32      |
| II 16 15:35 | 13 18:13    | 28 18:13     | 13 20 20:15 | 13 20 20:15 | 8 01:20      | 19 01:13     | May -2971j   | 10 01:20     | 22 11:15     |              | 9 06:37      |
| II 18 12:01 | 15 20:15    | 30 20:15     | 15 22 20:15 | 15 22 20:15 | 10 04:50     | 21 04:03     | 2 15:51      | 12 02:58     | 24 12:55     | Dec. -2      |              |



with clock times in UT/GMT. The year -2969 astronomical counting style corresponds to year 2970 B.C.E historical counting style.

|              |              |              |              |             |             |             |              |              |              |              |              |
|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| Aug. -2969j  | March -2968j | Sept. -2968j | March -2967j | Oct. -2967j | Apr. -2966j | Oct. -2966j | May -2965j   | Nov. -2965j  | May -2964j   | Dec. -2964j  | June -2963j  |
| ♄ 23 16:59   | ♌ 1 22:58    | ♍ 11 11:12   | ♈ 24 00:50   | ♈ 1 05:15   | ♈ 12 19:47  | ♈ 23 10:23  | ♈ 2 14:32    | ♈ 12 05:16   | ♈ 23 18:42   | ♈ 3 08:35    | ♈ 14 20:21   |
| ♄ 25 22:05   | ♌ 4 06:08    | ♍ 13 18:04   | ♈ 26 07:41   | ♈ 3 14:15   | ♈ 15 04:36  | ♈ 25 18:37  | ♈ 5 00:27    | ♈ 14 14:12   | ♈ 26 02:09   | ♈ 5 14:43    | ♈ 17 00:40   |
| ♄ 28 01:25   | ♌ 6 10:55    | ♍ 15 23:11   | ♈ 28 12:48   | ♈ 5 21:19   | ♈ 17 10:47  | ♈ 27 23:30  | ♈ 7 07:07    | ♈ 16 19:31   | ♈ 28 05:54   | ♈ 7 17:01    | ♈ 19 01:45   |
| ♌ 30 04:06   | ♌ 8 14:21    | ♍ 18 03:06   | ♈ 30 16:15   | ♈ 8 02:02   | ♈ 19 14:03  | ♈ 30 01:14  | ♈ 9 10:20    | ♈ 18 21:24   | ♈ 30 06:41   | ♈ 9 16:45    | ♈ 21 01:25   |
|              | ♌ 10 17:15   | ♍ 20 06:01   |              | ♈ 10 04:22  | ♈ 21 15:00  |             | ♈ 11 10:57   | ♈ 20 21:07   |              | ♈ 11 15:58   | ♈ 23 01:48   |
| Sept. -2969j | ♌ 12 20:11   | ♍ 22 08:19   | Apr. -2967j  | ♈ 12 05:05  | ♈ 23 15:07  | Nov. -2966j | ♈ 13 10:35   | ♈ 22 20:29   | June -2964j  | ♈ 13 16:51   | ♈ 25 04:36   |
| ♌ 1 06:56    | ♌ 14 23:32   | ♍ 24 10:52   | ♈ 1 18:18    | ♈ 14 05:49  | ♈ 25 16:18  | ♈ 1 01:06   | ♈ 15 11:04   | ♈ 24 21:30   | ♈ 1 06:04    | ♈ 15 21:01   | ♈ 27 10:34   |
| ♌ 3 10:28    | ♌ 17 04:02   | ♍ 26 15:06   | ♈ 3 19:46    | ♈ 16 08:31  | ♈ 27 20:19  | ♈ 3 00:57   | ♈ 17 14:09   | ♈ 27 01:51   | ♈ 3 06:04    | ♈ 18 04:57   | ♈ 29 19:22   |
| ♌ 5 15:09    | ♌ 19 10:42   | ♍ 28 22:25   | ♈ 5 22:09    | ♈ 18 14:48  | ♈ 30 04:07  | ♈ 5 02:45   | ♈ 19 20:54   | ♈ 29 10:13   | ♈ 5 08:35    | ♈ 20 15:45   |              |
| ♌ 7 21:39    | ♌ 21 20:17   |              | ♈ 8 03:09    | ♈ 21 00:59  |             | ♈ 7 08:01   | ♈ 22 07:13   |              | ♈ 7 14:49    | ♈ 23 04:02   | July -2963j  |
| ♌ 10 06:35   | ♌ 24 08:27   | Oct. -2968j  | ♈ 10 11:51   | ♈ 23 13:30  | May -2966j  | ♈ 9 17:09   | ♈ 24 19:43   | Dec. -2965j  | ♈ 10 00:39   | ♈ 25 16:43   | ♈ 2 06:10    |
| ♌ 12 18:03   | ♌ 26 21:06   | ♈ 1 09:15    | ♈ 12 23:43   | ♈ 26 01:53  | ♈ 2 15:11   | ♈ 12 05:07  | ♈ 27 08:35   | ♈ 1 21:49    | ♈ 12 12:48   | ♈ 28 04:58   | ♈ 4 18:15    |
| ♌ 15 06:44   | ♌ 29 07:39   | ♈ 3 22:08    | ♈ 15 12:28   | ♈ 28 12:22  | ♈ 5 03:43   | ♈ 14 17:55  | ♈ 29 20:19   | ♈ 4 10:52    | ♈ 15 01:39   | ♈ 30 15:42   | ♈ 7 06:58    |
| ♌ 17 18:12   | ♌ 31 14:39   | ♈ 6 10:15    | ♈ 17 23:38   | ♈ 30 20:33  | ♈ 7 15:43   | ♈ 17 05:54  |              | ♈ 6 23:38    | ♈ 17 13:59   | ♈ 31 15:42   | ♈ 9 19:05    |
| ♌ 20 02:25   |              | ♈ 8 19:29    | ♈ 20 08:02   |             | ♈ 10 01:59  |             | June -2965j  | ♈ 9 11:01    | ♈ 20 00:56   | Jan. -2963j  | ♈ 12 04:46   |
| ♌ 22 06:59   | Apr. -2968j  | ♈ 11 01:31   | Nov. -2967j  | ♈ 22 13:59  | ♈ 12 10:11  | ♈ 22 00:07  | ♈ 1 06:04    | ♈ 11 20:21   | ♈ 22 09:29   | ♈ 1 23:30    | ♈ 14 10:33   |
| ♌ 24 09:02   | ♈ 2 18:33    | ♈ 13 05:26   | ♈ 2 02:48    | ♈ 24 18:19  | ♈ 14 16:16  | ♈ 24 05:48  | ♈ 3 13:20    | ♈ 14 03:05   | ♈ 24 14:52   | ♈ 4 03:29    | ♈ 16 12:26   |
| ♌ 26 10:18   | ♈ 4 20:45    | ♈ 15 08:30   | ♈ 4 07:30    | ♈ 26 21:42  | ♈ 16 20:18  | ♈ 26 09:12  | ♈ 5 17:56    | ♈ 16 06:52   | ♈ 26 16:59   | ♈ 6 04:08    | ♈ 18 11:55   |
| ♌ 28 12:20   | ♈ 6 22:45    | ♈ 17 11:32   | ♈ 6 10:51    | ♈ 29 00:32  | ♈ 18 22:39  | ♈ 28 10:51  | ♈ 7 20:09    | ♈ 18 08:05   | ♈ 28 16:52   | ♈ 8 03:08    | ♈ 20 11:09   |
| ♌ 30 16:04   | ♈ 9 01:37    | ♈ 19 14:53   | ♈ 8 13:11    |             | ♈ 21 00:09  | ♈ 30 11:50  | ♈ 9 20:52    | ♈ 20 07:57   | ♈ 30 16:19   | ♈ 10 02:44   | ♈ 22 12:18   |
|              | ♈ 11 05:43   | ♈ 21 18:49   | May -2967j   | ♈ 10 15:21  | ♈ 23 02:05  |             | ♈ 11 21:30   | ♈ 22 08:16   |              | ♈ 12 05:05   | ♈ 24 16:51   |
| Oct. -2969j  | ♈ 13 11:15   | ♈ 23 23:59   | ♈ 1 03:15    | ♈ 12 18:41  | ♈ 25 05:55  | Dec. -2966j | ♈ 13 23:45   | ♈ 24 11:04   | July -2964j  | ♈ 14 11:28   | ♈ 27 01:04   |
| ♈ 2 21:44    | ♈ 15 18:34   | ♈ 26 07:22   | ♈ 3 06:42    | ♈ 15 00:32  | ♈ 27 12:50  | ♈ 2 13:39   | ♈ 16 05:10   | ♈ 26 17:48   | ♈ 2 17:28    | ♈ 16 21:40   | ♈ 29 12:00   |
| ♈ 5 05:12    | ♈ 18 04:12   | ♈ 28 17:42   | ♈ 5 12:05    | ♈ 17 09:43  | ♈ 29 23:02  | ♈ 4 17:52   | ♈ 18 14:24   | ♈ 4 22:09    | ♈ 4 22:09    | ♈ 19 10:03   |              |
| ♈ 7 14:31    | ♈ 20 16:10   | ♈ 31 06:21   | ♈ 7 20:25    | ♈ 19 21:37  |             | ♈ 7 01:35   | ♈ 21 02:34   | ♈ 31 17:29   | ♈ 7 07:00    | ♈ 22 22:46   | Aug. -2963j  |
| ♈ 10 01:49   | ♈ 23 05:06   |              | ♈ 10 07:45   | ♈ 22 10:09  | June -2966j | ♈ 9 12:40   | ♈ 23 15:25   |              | ♈ 9 18:56    | ♈ 24 10:46   | ♈ 1 00:19    |
| ♈ 12 14:33   | ♈ 25 16:25   | Nov. -2968j  | ♈ 12 20:28   | ♈ 24 20:57  | ♈ 1 11:17   | ♈ 12 01:25  | ♈ 26 02:52   | Jan. -2964j  | ♈ 12 07:50   | ♈ 26 21:24   | ♈ 3 12:57    |
| ♈ 15 02:52   | ♈ 28 00:07   | ♈ 2 18:57    | ♈ 15 08:03   | ♈ 27 04:51  | ♈ 3 23:24   | ♈ 14 13:26  | ♈ 28 11:58   | ♈ 3 06:12    | ♈ 14 19:56   | ♈ 29 05:56   | ♈ 6 01:03    |
| ♈ 17 12:17   | ♈ 30 03:57   | ♈ 5 04:56    | ♈ 17 16:39   | ♈ 29 10:04  | ♈ 6 09:33   | ♈ 16 23:07  | ♈ 30 18:46   | ♈ 5 17:07    | ♈ 17 06:31   | ♈ 31 11:29   | ♈ 8 11:25    |
| ♈ 19 17:32   |              | ♈ 7 11:06    | ♈ 19 22:06   |             | ♈ 8 17:01   | ♈ 19 06:12  |              | ♈ 8 01:53    | ♈ 19 15:15   |              | ♈ 10 18:41   |
| ♈ 21 19:13   | May -2968j   | ♈ 9 14:12    | ♈ 22 01:19   | Dec. -2967j | ♈ 10 22:09  | ♈ 21 11:12  | July -2965j  | ♈ 10 08:41   | ♈ 21 21:41   | Feb. -2963j  | ♈ 12 22:16   |
| ♈ 23 19:09   | ♈ 2 05:14    | ♈ 11 15:47   | ♈ 24 03:34   | ♈ 1 13:31   | ♈ 13 01:42  | ♈ 23 14:52  | ♈ 2 23:41    | ♈ 12 13:33   | ♈ 24 01:27   | ♈ 2 13:53    | ♈ 14 22:50   |
| ♈ 25 19:27   | ♈ 4 05:51    | ♈ 13 17:26   | ♈ 26 05:54   | ♈ 3 16:12   | ♈ 15 04:25  | ♈ 25 17:44  | ♈ 5 03:05    | ♈ 14 16:28   | ♈ 26 02:48   | ♈ 4 14:02    | ♈ 16 22:07   |
| ♈ 27 21:51   | ♈ 6 07:28    | ♈ 15 20:14   | ♈ 28 08:59   | ♈ 5 18:55   | ♈ 17 07:02  | ♈ 27 20:19  | ♈ 7 05:19    | ♈ 16 17:53   | ♈ 28 02:55   | ♈ 6 13:44    | ♈ 18 22:16   |
| ♈ 30 03:09   | ♈ 8 11:05    | ♈ 18 00:38   | ♈ 30 13:25   | ♈ 7 22:18   | ♈ 19 10:15  | ♈ 29 23:19  | ♈ 9 07:06    | ♈ 18 18:56   | ♈ 30 03:44   | ♈ 8 15:06    | ♈ 20 11:11   |
|              | ♈ 10 16:58   | ♈ 20 06:50   |              | ♈ 10 02:56  | ♈ 21 14:51  |             | ♈ 11 09:39   | ♈ 20 21:22   |              | ♈ 10 19:55   | ♈ 23 07:57   |
| Nov. -2969j  | ♈ 13 01:01   | ♈ 22 15:04   | June -2967j  | ♈ 12 09:29  | ♈ 23 21:43  | Jan. -2965j | ♈ 13 14:27   | ♈ 23 02:56   | Aug. -2964j  | ♈ 13 04:47   | ♈ 25 18:15   |
| ♈ 1 11:08    | ♈ 15 11:08   | ♈ 25 01:35   | ♈ 1 19:42    | ♈ 14 18:30  | ♈ 26 07:21  | ♈ 1 03:47   | ♈ 15 22:42   | ♈ 25 12:27   | ♈ 1 07:15    | ♈ 15 16:37   | ♈ 28 06:35   |
| ♈ 3 21:09    | ♈ 17 23:11   | ♈ 27 14:02   | ♈ 4 04:24    | ♈ 17 05:55  | ♈ 28 19:17  | ♈ 3 10:50   | ♈ 18 10:15   | ♈ 28 00:53   | ♈ 3 14:45    | ♈ 18 05:20   | ♈ 30 19:10   |
| ♈ 6 08:43    | ♈ 20 12:14   | ♈ 30 02:58   | ♈ 6 15:34    | ♈ 19 18:29  |             | ♈ 5 21:02   | ♈ 20 23:07   | ♈ 30 13:39   | ♈ 6 01:56    | ♈ 20 17:08   |              |
| ♈ 8 21:25    | ♈ 23 00:21   |              | ♈ 9 04:16    | ♈ 22 06:01  | July -2966j | ♈ 8 09:30   | ♈ 23 10:39   |              | ♈ 8 14:43    | ♈ 23 03:14   | Sept. -2963j |
| ♈ 11 10:07   | ♈ 25 09:16   | Dec. -2968j  | ♈ 11 16:25   | ♈ 24 14:33  | ♈ 1 07:42   | ♈ 10 21:51  | ♈ 25 19:18   | Feb. -2964j  | ♈ 11 02:46   | ♈ 25 11:22   | ♈ 2 06:53    |
| ♈ 13 20:49   | ♈ 27 14:04   | ♈ 2 14:01    | ♈ 14 01:54   | ♈ 26 19:35  | ♈ 3 18:16   | ♈ 13 07:43  | ♈ 28 01:09   | ♈ 2 00:26    | ♈ 13 12:49   | ♈ 27 17:21   | ♈ 4 16:59    |
| ♈ 16 03:42   | ♈ 29 15:27   | ♈ 4 21:22    | ♈ 16 07:44   | ♈ 28 21:55  | ♈ 6 01:37   | ♈ 15 14:12  | ♈ 30 05:14   | ♈ 4 08:31    | ♈ 15 20:51   |              | ♈ 7 00:48    |
| ♈ 18 06:25   | ♈ 31 15:13   | ♈ 7 00:52    | ♈ 18 10:28   | ♈ 30 23:03  | ♈ 8 05:51   | ♈ 17 18:01  |              | ♈ 6 14:25    | ♈ 18 03:07   | March -2963j | ♈ 9 05:49    |
| ♈ 20 06:16   |              | ♈ 9 01:46    | ♈ 20 11:28   |             | ♈ 10 08:09  | ♈ 19 20:34  | Aug. -2965j  | ♈ 8 18:54    | ♈ 20 07:39   | ♈ 1 21:02    | ♈ 11 08:10   |
| ♈ 22 05:24   | June -2968j  | ♈ 11 01:53   | ♈ 22 12:21   | Jan. -2966j | ♈ 12 09:57  | ♈ 21 23:05  | ♈ 1 08:31    | ♈ 10 22:24   | ♈ 22 10:29   | ♈ 3 22:48    | ♈ 13 08:46   |
| ♈ 24 05:59   | ♈ 2 15:20    | ♈ 13 02:56   | ♈ 24 14:31   | ♈ 2 00:35   | ♈ 14 12:30  | ♈ 24 02:19  | ♈ 3 11:34    | ♈ 13 01:08   | ♈ 24 12:08   | ♈ 5 23:44    | ♈ 15 09:14   |
| ♈ 26 09:36   | ♈ 4 17:27    | ♈ 15 06:14   | ♈ 26 18:54   | ♈ 4 03:43   | ♈ 16 16:28  | ♈ 26 06:34  | ♈ 5 14:41    | ♈ 15 03:36   | ♈ 26 13:49   | ♈ 8 01:26    | ♈ 17 11:23   |
| ♈ 28 16:48   | ♈ 6 22:31    | ♈ 17 12:22   | ♈ 29 01:51   | ♈ 6 09:02   | ♈ 18 22:08  | ♈ 28 12:05  | ♈ 7 18:21    | ♈ 17 06:51   | ♈ 28 17:12   | ♈ 10 05:34   | ♈ 19 16:42   |
|              | ♈ 9 06:36    | ♈ 19 21:15   |              | ♈ 8 16:35   | ♈ 21 05:41  | ♈ 30 19:29  | ♈ 9 23:33    | ♈ 19 12:20   | ♈ 30 23:47   | ♈ 12 13:13   | ♈ 22 01:46   |
| Dec. -2969j  | ♈ 11 17:10   | ♈ 22 08:20   | July -2967j  | ♈ 11 02:11  | ♈ 23 15:21  | Feb. -2965j | ♈ 12 07:25   | ♈ 21 21:06   | Sept. -2964j | ♈ 15 00:10   | ♈ 24 13:39   |
| ♈ 1 02:57    | ♈ 14 05:28   | ♈ 24 20:53   | ♈ 1 11:14    | ♈ 13 13:34  | ♈ 26 03:04  | ♈ 2 05:22   | ♈ 14 18:24   | ♈ 25 12:42   | ♈ 1 07:15    | ♈ 17 12:41   | ♈ 27 02:18   |
| ♈ 3 14:54    | ♈ 16 18:32   | ♈ 27 09:50   | ♈ 3 22:40    | ♈ 16 02:06  | ♈ 28 15:46  | ♈ 4 17:33   | ♈ 17 07:17   | ♈ 26 21:42   | ♈ 3 14:45    | ♈ 18 05:20   | ♈ 30 19:10   |
| ♈ 6 03:38    | ♈ 19 06:59   | ♈ 29 21:34   | ♈ 6 11:21    | ♈ 18 14:15  | ♈ 31 03:15  | ♈ 7 06:16   | ♈ 19 19:19   | ♈ 28 08:48   | ♈ 6 01:56    | ♈ 20 17:08   |              |
| ♈ 8 16:13    | ♈ 21 17:01   |              | ♈ 8 23:56    | ♈ 21 00:01  |             | ♈ 9 16:53   | ♈ 22 04:15   |              | ♈ 8 14:43    | ♈ 23 03:14   | Sept. -2963j |
| ♈ 11 03:26   | ♈ 23 23:21   | Jan. -2967j  | ♈ 11 10:31   | ♈ 23 05:59  | Aug. -2966j | ♈ 13 07:43  | ♈ 24 09:37   | March -2964j | ♈ 11 02:46   | ♈ 25 11:22   | ♈ 2 06:53    |
| ♈ 13 11:43   | ♈ 26 01:57   | ♈ 1 06:24    | ♈ 13 17:38   | ♈ 25 08:20  | ♈ 2 11:23   | ♈ 15 23:43  | ♈ 26 12:31   | ♈ 2 16:47    | ♈ 12 04:01   | ♈ 27 17:21   | ♈ 4 16:59    |
| ♈ 15 16:16   | ♈ 28 02:01   | ♈ 3 11:25    | ♈ 15 20:59   | ♈ 27 08:27  | ♈ 4 15:36   | ♈ 16 04:16  | ♈ 28 14:31   | ♈ 4 21:52    | ♈ 14 09:11   |              | ♈ 7 00:48    |
| ♈ 17 17:29   | ♈ 30 01:23   | ♈ 5 13:03    | ♈ 17 21:36   | ♈ 29 08:20  | ♈ 6 16:56   | ♈ 18 05:22  | ♈ 30 16:55   | ♈ 7 01:11    | ♈ 16 13:02   | Oct. -2963j  | ♈ 9 05:49    |
| ♈ 19 16:54   |              | ♈ 7 12:43    | ♈ 19 21:11   | ♈ 31 09:56  | ♈ 8 17:15   |             |              | ♈ 9 03:51    | ♈ 18 16:08   | ♈ 1 21:02    | ♈ 11 08:10   |
| ♈ 21 16:35   | July -2968j  | ♈ 9 12:19    | ♈ 21 21:42   |             | ♈ 10 18:27  | ♈ 22 07:45  | Sept. -2965j | ♈ 11 06:38   | ♈ 20 18:55   | ♈ 3 22:48    | ♈ 13 08:46   |
| ♈ 23 18:29   | ♈ 2 02:00    | ♈ 11 13:47   | ♈ 24 00:48   | Feb. -2966j | ♈ 12 21:51  | ♈ 24 12:30  | ♈ 1 20:21    | ♈ 13 01:08   | ♈ 22 10:29   | ♈ 5 23:44    | ♈ 15 09:14   |
| ♈ 25 23:58   | ♈ 4 05:28    | ♈ 13 18:30   | ♈ 26 07:22   | ♈ 2 14:30   | ♈ 15 03:53  | ♈ 26 06:34  | ♈ 4 01:03    | ♈ 15 03:36   | ♈ 24 12:08   | ♈ 8 01:26    | ♈ 17 11:23   |
| ♈ 28 09:12   | ♈ 6 12:34    | ♈ 16 02:57   | ♈ 28 17:06   | ♈ 4 22:16   | ♈ 17 12:12  | ♈ 28 12:05  | ♈ 6 07:15    | ♈ 17 06:51   | ♈ 26 13:49   | ♈ 10 05:34   | ♈ 19 16:42   |
| ♈ 30 21:05   | ♈ 8 22:59    | ♈ 18 14:18   | ♈ 31 04:56   | ♈ 7 08:29   | ♈ 19 22:23  | ♈ 30 19:29  | ♈ 8 15:33    | ♈ 19 12:20   | ♈ 28 17:12   | ♈ 12 13:13   | ♈ 22 01:46   |
|              | ♈ 11 11:28   | ♈ 21 03:07   |              | ♈ 9 20:14   | ♈           |             |              |              |              |              |              |

with clock times in UT/GMT. The year -2963 astronomical counting style corresponds to year 2964 B.C.E historical counting style.

|              |              |              |              |              |              |              |              |              |              |             |             |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| Dec. -2963j  | July -2962j  | Jan. -2961j  | July -2961j  | Feb. -2960j  | Aug. -2960j  | Feb. -2959j  | Sept. -2959j | March -2958j | Sept. -2958j | Apr. -2957j | Oct. -2957j |
| ♌ 25 08:47   | ♌ 2 04:23    | ♌ 11 18:08   | ♌ 24 05:34   | ♌ 2 18:53    | ♌ 14 06:51   | ♌ 23 20:37   | ♌ 3 01:23    | ♌ 15 15:30   | ♌ 25 05:19   | ♌ 1 22:54   | ♌ 12 13:37  |
| ♌ 27 11:38   | ♌ 4 13:21    | ♌ 14 01:46   | ♌ 26 12:17   | ♌ 5 01:15    | ♌ 16 13:03   | ♌ 26 02:26   | ♌ 5 09:17    | ♌ 17 23:11   | ♌ 27 12:55   | ♌ 4 10:16   | ♌ 15 00:59  |
| ♌ 29 12:05   | ♌ 6 18:27    | ♌ 16 06:03   | ♌ 28 16:31   | ♌ 7 05:26    | ♌ 18 17:24   | ♌ 28 06:35   | ♌ 7 15:12    | ♌ 20 04:47   | ♌ 29 17:42   | ♌ 6 19:43   | ♌ 17 09:36  |
| ♌ 31 12:12   | ♌ 8 20:39    | ♌ 18 08:17   | ♌ 30 19:24   | ♌ 9 08:22    | ♌ 20 20:34   |              | ♌ 9 19:19    | ♌ 22 08:11   |              | ♌ 9 02:13   | ♌ 19 14:24  |
|              | ♌ 10 21:43   | ♌ 20 09:58   |              | ♌ 11 10:57   | ♌ 22 23:12   | March -2959j | ♌ 11 21:51   | ♌ 24 09:42   | Oct. -2958j  | ♌ 11 05:21  | ♌ 21 15:45  |
| Jan. -2962j  | ♌ 12 23:16   | ♌ 22 12:17   | Aug. -2961j  | ♌ 13 13:52   | ♌ 25 01:56   | ♌ 2 09:38    | ♌ 13 23:21   | ♌ 26 10:25   | ♌ 1 19:35    | ♌ 13 05:51  | ♌ 23 15:07  |
| ♌ 2 13:50    | ♌ 15 02:23   | ♌ 24 15:54   | ♌ 1 21:54    | ♌ 15 17:47   | ♌ 27 05:35   | ♌ 4 12:04    | ♌ 16 00:59   | ♌ 28 12:01   | ♌ 3 19:37    | ♌ 15 05:23  | ♌ 25 14:36  |
| ♌ 4 18:03    | ♌ 17 07:25   | ♌ 26 21:12   | ♌ 4 00:44    | ♌ 17 23:22   | ♌ 29 11:08   | ♌ 6 14:32    | ♌ 18 04:26   | ♌ 30 16:23   | ♌ 5 19:38    | ♌ 17 06:04  | ♌ 27 16:16  |
| ♌ 7 00:56    | ♌ 19 14:25   | ♌ 29 04:28   | ♌ 6 04:29    | ♌ 20 07:18   | ♌ 31 19:28   | ♌ 8 18:05    | ♌ 20 11:13   |              | ♌ 7 21:48    | ♌ 19 09:45  | ♌ 29 21:31  |
| ♌ 9 10:02    | ♌ 21 23:30   | ♌ 31 14:04   | ♌ 8 09:46    | ♌ 22 17:48   |              | ♌ 10 23:58   | ♌ 22 21:47   | Apr. -2958j  | ♌ 10 03:46   | ♌ 21 17:23  |             |
| ♌ 11 20:57   | ♌ 24 10:45   |              | ♌ 10 17:15   | ♌ 25 06:06   | Sept. -2960j | ♌ 13 09:04   | ♌ 25 10:37   | ♌ 2 00:42    | ♌ 12 13:48   | ♌ 24 04:22  | Nov. -2957j |
| ♌ 14 09:21   | ♌ 26 23:36   | Feb. -2961j  | ♌ 13 03:21   | ♌ 27 18:14   | ♌ 3 06:38    | ♌ 15 20:59   | ♌ 27 22:59   | ♌ 4 12:24    | ♌ 15 02:21   | ♌ 26 16:53  | ♌ 1 06:37   |
| ♌ 16 22:21   | ♌ 29 12:18   | ♌ 3 01:53    | ♌ 15 15:33   |              | ♌ 5 19:14    | ♌ 18 09:43   | ♌ 30 08:51   | ♌ 7 01:17    | ♌ 17 14:56   | ♌ 29 05:10  | ♌ 3 18:26   |
| ♌ 19 10:01   | ♌ 31 22:26   | ♌ 5 14:49    | ♌ 18 04:08   | March -2960j | ♌ 8 06:52    | ♌ 20 20:38   |              | ♌ 9 12:52    | ♌ 20 01:58   |             | ♌ 6 07:15   |
| ♌ 21 18:18   |              | ♌ 8 02:42    | ♌ 20 14:45   | ♌ 1 04:03    | ♌ 10 15:33   | ♌ 23 04:23   | Oct. -2959j  | ♌ 11 22:02   | ♌ 22 11:03   | May -2957j  | ♌ 8 19:36   |
| ♌ 23 22:21   | Aug. -2962j  | ♌ 10 11:26   | ♌ 22 21:58   | ♌ 3 10:26    | ♌ 12 20:57   | ♌ 25 09:14   | ♌ 2 15:51    | ♌ 14 04:57   | ♌ 24 18:18   | ♌ 1 16:06   | ♌ 11 06:37  |
| ♌ 25 23:03   | ♌ 3 04:33    | ♌ 12 16:19   | ♌ 25 01:49   | ♌ 5 13:45    | ♌ 14 23:59   | ♌ 27 12:22   | ♌ 4 20:49    | ♌ 16 10:10   | ♌ 26 23:41   | ♌ 4 01:13   | ♌ 13 15:30  |
| ♌ 27 22:20   | ♌ 5 06:57    | ♌ 14 18:10   | ♌ 27 03:27   | ♌ 7 15:20    | ♌ 17 02:08   | ♌ 29 14:59   | ♌ 7 00:41    | ♌ 18 14:03   | ♌ 29 03:06   | ♌ 6 08:04   | ♌ 15 21:38  |
| ♌ 29 22:20   | ♌ 7 07:12    | ♌ 16 18:34   | ♌ 29 04:27   | ♌ 9 16:43    | ♌ 19 04:37   | ♌ 31 17:56   | ♌ 9 03:59    | ♌ 20 16:47   | ♌ 31 04:51   | ♌ 8 12:24   | ♌ 18 00:51  |
|              | ♌ 9 07:15    | ♌ 18 19:14   | ♌ 31 06:17   | ♌ 11 19:14   | ♌ 21 08:10   |              | ♌ 11 06:57   | ♌ 22 18:51   |              | ♌ 10 14:26  | ♌ 20 01:50  |
| Feb. -2962j  | ♌ 11 08:49   | ♌ 20 21:38   |              | ♌ 13 23:03   | ♌ 23 13:03   | Apr. -2959j  | ♌ 13 09:59   | ♌ 24 21:20   | Nov. -2958j  | ♌ 12 15:12  | ♌ 22 01:59  |
| ♌ 1 00:48    | ♌ 13 12:58   | ♌ 23 02:37   | Sept. -2961j | ♌ 16 06:13   | ♌ 25 19:31   | ♌ 2 21:32    | ♌ 15 14:05   | ♌ 27 01:45   | ♌ 2 06:04    | ♌ 14 16:17  | ♌ 24 03:08  |
| ♌ 3 06:37    | ♌ 15 02:02   | ♌ 25 10:24   | ♌ 2 09:59    | ♌ 18 14:50   | ♌ 28 03:59   | ♌ 5 02:10    | ♌ 17 20:34   | ♌ 29 09:22   | ♌ 4 08:23    | ♌ 16 19:23  | ♌ 26 06:57  |
| ♌ 5 15:38    | ♌ 18 05:41   | ♌ 27 20:38   | ♌ 4 16:00    | ♌ 21 01:27   | ♌ 30 14:48   | ♌ 7 08:31    | ♌ 20 06:21   |              | ♌ 6 13:30    | ♌ 19 01:51  | ♌ 28 14:29  |
| ♌ 8 02:57    | ♌ 20 17:19   |              | ♌ 7 00:22    | ♌ 23 13:39   |              | ♌ 9 17:24    | ♌ 22 18:48   | May -2958j   | ♌ 8 22:17    | ♌ 21 11:49  |             |
| ♌ 10 15:33   | ♌ 23 06:11   | March -2961j | ♌ 9 10:51    | ♌ 26 02:11   | Oct. -2960j  | ♌ 12 04:58   | ♌ 25 07:31   | ♌ 1 20:21    | ♌ 11 10:07   | ♌ 24 00:02  | Dec. -2957j |
| ♌ 13 04:29   | ♌ 25 19:03   | ♌ 2 08:43    | ♌ 11 22:59   | ♌ 28 12:58   | ♌ 3 03:23    | ♌ 14 17:49   | ♌ 27 17:48   | ♌ 4 09:04    | ♌ 13 22:45   | ♌ 26 12:19  | ♌ 1 01:29   |
| ♌ 15 16:26   | ♌ 28 06:10   | ♌ 4 21:40    | ♌ 14 11:43   | ♌ 30 20:16   | ♌ 5 15:42    | ♌ 17 05:20   | ♌ 30 00:32   | ♌ 6 20:53    | ♌ 16 09:52   | ♌ 28 22:59  | ♌ 3 14:13   |
| ♌ 18 01:51   | ♌ 30 13:51   | ♌ 7 09:59    | ♌ 16 23:19   | Apr. -2960j  | ♌ 8 01:17    | ♌ 19 13:27   |              | ♌ 9 05:59    | ♌ 18 18:27   | ♌ 31 07:23  | ♌ 6 02:32   |
| ♌ 20 07:33   |              | ♌ 9 19:55    | ♌ 19 07:52   | ♌ 10 06:54   | ♌ 10 06:54   | ♌ 21 17:54   | Nov. -2959j  | ♌ 11 12:13   | ♌ 21 00:39   | ♌ 8 12:58   |             |
| ♌ 22 09:40   | Sept. -2962j | ♌ 12 02:13   | ♌ 21 12:33   | ♌ 12 09:10   | ♌ 12 09:10   | ♌ 23 19:56   | ♌ 1 04:26    | ♌ 13 16:24   | ♌ 23 05:10   | ♌ 10 21:07  |             |
| ♌ 24 09:28   | ♌ 1 17:38    | ♌ 14 04:53   | ♌ 23 13:58   | ♌ 14 19:49   | ♌ 14 19:49   | ♌ 25 21:16   | ♌ 3 06:57    | ♌ 15 19:30   | ♌ 25 08:35   | ♌ 13 03:06  |             |
| ♌ 26 08:53   | ♌ 3 18:22    | ♌ 16 05:04   | ♌ 25 13:43   | ♌ 16 10:47   | ♌ 16 10:47   | ♌ 27 23:22   | ♌ 5 09:23    | ♌ 17 22:16   | ♌ 27 11:22   | ♌ 15 07:13  |             |
| ♌ 28 09:51   | ♌ 5 17:46    | ♌ 18 04:33   | ♌ 27 13:48   | ♌ 18 13:33   | ♌ 18 13:33   | ♌ 30 03:01   | ♌ 7 12:29    | ♌ 20 01:12   | ♌ 29 14:07   | ♌ 17 09:51  |             |
|              | ♌ 7 17:46    | ♌ 20 05:16   | ♌ 29 16:01   | ♌ 10 05:07   | ♌ 20 18:42   |              | ♌ 9 16:33    | ♌ 22 04:51   |              | ♌ 19 11:39  |             |
| March -2962j | ♌ 9 20:09    | ♌ 22 08:49   | Oct. -2961j  | ♌ 12 11:46   | ♌ 23 02:03   | May -2959j   | ♌ 11 21:52   | ♌ 24 10:06   | Dec. -2958j  | ♌ 11 01:18  | ♌ 21 13:40  |
| ♌ 2 13:58    | ♌ 12 02:03   | ♌ 24 15:59   | ♌ 1 21:30    | ♌ 14 20:59   | ♌ 25 11:16   | ♌ 2 08:24    | ♌ 14 05:02   | ♌ 26 17:51   | ♌ 1 17:40    | ♌ 24 00:02  |             |
| ♌ 4 21:50    | ♌ 14 11:28   | ♌ 27 02:25   | ♌ 4 06:14    | ♌ 17 08:04   | ♌ 27 22:15   | ♌ 4 15:37    | ♌ 16 14:45   | ♌ 29 04:28   | ♌ 3 23:08    | ♌ 26 12:19  |             |
| ♌ 7 08:53    | ♌ 16 23:24   | ♌ 29 14:49   | ♌ 6 17:17    | ♌ 19 20:20   | ♌ 30 10:44   | ♌ 7 00:54    | ♌ 19 02:53   | ♌ 31 16:59   | ♌ 6 07:24    | ♌ 28 09:38  |             |
| ♌ 9 21:37    | ♌ 19 12:22   |              | ♌ 9 05:36    | ♌ 22 09:02   |              | ♌ 9 12:25    | ♌ 21 15:50   |              | ♌ 8 18:30    | ♌ 30 22:00  |             |
| ♌ 12 10:27   | ♌ 22 01:03   | Apr. -2961j  | ♌ 11 18:18   | ♌ 24 20:38   | Nov. -2960j  | ♌ 12 01:22   | ♌ 23 03:02   | June -2958j  | ♌ 11 07:03   | ♌ 22 20:18  |             |
| ♌ 14 22:08   | ♌ 24 12:18   | ♌ 1 03:47    | ♌ 14 06:20   | ♌ 27 05:18   | ♌ 1 23:32    | ♌ 14 13:36   | ♌ 26 10:35   | ♌ 3 05:15    | ♌ 13 18:42   | ♌ 25 07:11  |             |
| ♌ 17 07:44   | ♌ 26 21:05   | ♌ 3 16:07    | ♌ 16 16:15   | ♌ 29 09:55   | ♌ 4 10:23    | ♌ 16 22:44   | ♌ 28 14:26   | ♌ 5 14:57    | ♌ 16 03:34   | ♌ 27 15:12  | Jan. -2956j |
| ♌ 19 14:31   | ♌ 29 02:40   | ♌ 6 02:41    | ♌ 18 22:39   | ♌ 6 17:20    | ♌ 6 17:20    | ♌ 19 03:46   | ♌ 30 15:53   | ♌ 7 21:13    | ♌ 18 09:14   | ♌ 29 20:24  | ♌ 2 10:30   |
| ♌ 21 18:16   |              | ♌ 8 10:23    | ♌ 20 05:16   | ♌ 8 20:08    | ♌ 8 20:08    | ♌ 21 05:29   |              | ♌ 10 00:37   | ♌ 20 12:29   |             | ♌ 4 20:52   |
| ♌ 23 19:34   | Oct. -2962j  | ♌ 10 14:38   | ♌ 22 01:14   | ♌ 10 20:12   | ♌ 10 20:12   | ♌ 23 05:42   | Dec. -2959j  | ♌ 12 02:26   | ♌ 22 14:34   | July -2957j | ♌ 9 09:08   |
| ♌ 25 19:41   | ♌ 1 05:03    | ♌ 12 15:49   | ♌ 23 01:03   | ♌ 12 19:39   | ♌ 12 19:39   | ♌ 25 06:18   | ♌ 2 16:41    | ♌ 14 04:03   | ♌ 24 16:44   | ♌ 1 23:43   | ♌ 11 12:36  |
| ♌ 27 20:18   | ♌ 3 05:13    | ♌ 14 15:17   | ♌ 25 00:03   | ♌ 14 20:36   | ♌ 14 20:36   | ♌ 27 08:46   | ♌ 4 18:22    | ♌ 16 06:34   | ♌ 26 19:53   | ♌ 4 02:13   | ♌ 13 15:32  |
| ♌ 29 23:09   | ♌ 5 04:49    | ♌ 16 14:58   | ♌ 27 00:29   | ♌ 17 11:55   | ♌ 17 11:55   | ♌ 29 13:48   | ♌ 6 21:55    | ♌ 18 10:41   | ♌ 29 00:34   | ♌ 6 04:52   | ♌ 15 18:32  |
|              | ♌ 7 05:47    | ♌ 18 16:55   | ♌ 29 04:14   | ♌ 9 17:31    | ♌ 19 07:34   | ♌ 31 21:25   | ♌ 9 03:43    | ♌ 20 16:51   | ♌ 31 07:07   | ♌ 8 08:18   | ♌ 17 21:58  |
| Apr. -2962j  | ♌ 9 09:56    | ♌ 20 22:39   | ♌ 31 12:05   | ♌ 12 02:34   | ♌ 21 17:16   |              | ♌ 11 11:49   | ♌ 23 01:18   |              | ♌ 10 13:01  | ♌ 20 02:28  |
| ♌ 1 05:33    | ♌ 11 18:08   | ♌ 23 08:23   | Nov. -2961j  | ♌ 14 13:56   | ♌ 24 04:43   | June -2959j  | ♌ 13 22:05   | ♌ 25 12:02   | Jan. -2957j  | ♌ 12 19:35  | ♌ 22 08:57  |
| ♌ 3 15:39    | ♌ 14 05:45   | ♌ 25 20:47   | ♌ 2 23:10    | ♌ 17 02:23   | ♌ 26 17:15   | ♌ 3 07:18    | ♌ 16 10:13   | ♌ 28 00:30   | ♌ 2 15:48    | ♌ 15 04:32  | ♌ 24 18:14  |
| ♌ 6 04:11    | ♌ 16 18:48   | ♌ 29 09:47   | ♌ 5 11:45    | ♌ 19 15:02   | ♌ 29 06:05   | ♌ 5 19:05    | ♌ 18 23:13   | ♌ 30 13:09   | ♌ 5 02:40    | ♌ 17 15:54  | ♌ 27 06:10  |
| ♌ 8 16:58    | ♌ 19 07:17   |              | ♌ 8 00:22    | ♌ 22 02:55   | Dec. -2960j  | ♌ 8 08:04    | ♌ 21 11:12   | ♌ 23 20:09   | ♌ 7 15:03    | ♌ 20 04:30  | ♌ 29 18:53  |
| ♌ 11 04:16   | ♌ 21 08:02   | May -2961j   | ♌ 10 12:13   | ♌ 24 12:37   | ♌ 1 17:42    | ♌ 10 20:45   | ♌ 13 07:03   | ♌ 26 01:09   | ♌ 10 03:17   | ♌ 22 16:02  |             |
| ♌ 13 13:19   | ♌ 24 02:43   | ♌ 3 08:20    | ♌ 12 22:35   | ♌ 26 18:48   | ♌ 4 02:14    | ♌ 15 13:27   | ♌ 17 16:00   | ♌ 28 02:48   | ♌ 12 13:08   | ♌ 25 00:29  | Feb. -2956j |
| ♌ 15 20:02   | ♌ 26 09:11   | ♌ 5 16:38    | ♌ 15 06:26   | ♌ 28 21:13   | ♌ 6 06:40    | ♌ 19 16:04   | ♌ 21 15:34   | ♌ 30 02:41   | ♌ 14 19:22   | ♌ 27 05:19  | ♌ 1 05:46   |
| ♌ 18 00:37   | ♌ 28 13:18   | ♌ 7 22:17    | ♌ 17 10:54   | ♌ 30 20:59   | ♌ 8 07:37    | ♌ 10 06:48   | ♌ 23 16:24   |              | ♌ 16 22:10   | ♌ 29 07:28  | ♌ 3 13:09   |
| ♌ 20 03:23   | ♌ 30 15:15   | ♌ 10 01:04   | ♌ 19 12:09   | June -2960j  | ♌ 10 06:48   | ♌ 12 06:24   | ♌ 25 20:02   | Jan. -2958j  | ♌ 18 22:56   | ♌ 31 08:36  | ♌ 5 17:13   |
| ♌ 22 04:57   |              | ♌ 12 01:38   | ♌ 21 11:34   | ♌ 1 20:08    | ♌ 1 20:08    | ♌ 3 20:49    | ♌ 16 13:57   | ♌ 2 16:41    | ♌ 20 23:29   |             | ♌ 7 19:21   |
| ♌ 24 06:22   | Nov. -2962j  | ♌ 14 01:30   | ♌ 23 11:13   | ♌ 5 09:53    | ♌ 4 08:24    | ♌ 7 11:55    | ♌ 18 23:05   | ♌ 4 18:22    | ♌ 24 16:44   | July -2957j | ♌ 9 09:08   |
| ♌ 26 09:03   | ♌ 1 15:53    | ♌ 16 02:38   | ♌ 25 13:21   | ♌ 6 00:50    | ♌ 16 13:57   | ♌ 9 17:31    | ♌ 21 17:16   | ♌ 6 21:55    | ♌ 26 19:53   | ♌ 1 23:43   | ♌ 11 12:36  |
| ♌ 28 14:29   | ♌ 3 16:46    | ♌ 18 06:59   | ♌ 27 19:30   | ♌ 8 08:46    | ♌ 18 23:05   | ♌ 10 04:33   | ♌ 24 04:43   | ♌ 9 03:43    | ♌ 29 00:34   | ♌ 4 02:13   | ♌ 13 15:32  |
| ♌ 30 23:32   | ♌ 8 02:27    | ♌ 20 15:29   | ♌ 30 05:40   | ♌ 10 19:50   | ♌ 21 10:43   | ♌ 22 10:43   | ♌ 26 17:15   | ♌ 11 11:49   | ♌ 31 07:07   | ♌ 8 08:18   | ♌ 17 21:58  |
|              | ♌ 10 13:06   | ♌ 23 03:21   | Dec. -2961j  | ♌ 13 08:22   | ♌ 23 23:25   | July -2960j  | ♌ 13 08:22   | ♌ 16 10:13   |              | ♌ 10        |             |

with clock times in UT/GMT. The year -2956 astronomical counting style corresponds to year 2957 B.C.E historical counting style.

|             |              |              |              |              |              |              |              |              |              |              |              |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Apr. -2956j | Nov. -2956j  | May -2955j   | Nov. -2955j  | June -2954j  | Dec. -2954j  | June -2953j  | Jan. -2952j  | July -2952j  | Jan. -2951j  | Aug. -2951j  | Feb. -2950j  |
| 23 04:38    | 2 19:17      | 15 08:31     | 24 21:59     | 1 13:29      | 12 04:03     | 23 17:08     | 3 06:57      | 14 18:44     | 24 08:18     | 3 11:27      | 13 02:09     |
| 25 14:59    | 5 04:24      | 17 16:02     | 27 04:11     | 4 01:06      | 14 14:55     | 26 02:30     | 5 15:04      | 17 02:12     | 26 15:35     | 5 20:58      | 15 11:16     |
| 27 21:49    | 7 09:35      | 19 19:50     | 29 06:39     | 6 09:40      | 16 22:02     | 28 08:13     | 7 20:06      | 19 07:25     | 28 20:50     | 8 04:16      | 17 18:05     |
| 30 00:53    | 9 11:16      | 21 20:44     |              | 8 14:22      | 19 01:25     | 30 11:13     | 9 23:15      | 21 11:15     | 31 00:37     | 10 09:30     | 19 22:49     |
|             | 11 10:54     | 23 20:25     | Dec. -2955j  | 10 15:59     | 21 02:34     |              | 12 01:47     | 23 14:19     |              | 12 12:59     | 22 01:49     |
| May -2956j  | 13 10:23     | 25 20:45     | 1 06:46      | 12 16:18     | 23 03:24     | July -2953j  | 14 04:34     | 25 17:05     | Feb. -2951j  | 14 15:15     | 24 03:37     |
| 2 01:14     | 15 11:39     | 27 23:27     | 3 06:30      | 14 17:12     | 25 05:33     | 2 13:06      | 16 08:03     | 27 20:07     | 2 03:27      | 16 17:06     | 26 05:13     |
| 4 00:40     | 17 16:09     | 30 05:32     | 5 07:49      | 16 20:11     | 27 09:48     | 4 15:16      | 18 12:35     | 30 00:20     | 4 05:55      | 18 19:44     | 28 07:55     |
| 6 01:06     | 20 00:23     |              | 7 12:07      | 19 01:52     | 29 16:11     | 6 18:30      | 20 18:48     |              | 6 08:52      | 21 00:27     |              |
| 8 04:12     | 22 11:37     | June -2955j  | 9 19:44      | 21 10:02     |              | 8 23:06      | 23 03:28     | Aug. -2952j  | 8 13:23      | 23 08:16     | March -2950j |
| 10 10:54    | 25 00:26     | 1 14:54      | 12 05:58     | 23 20:09     | Jan. -2953j  | 11 05:14     | 25 14:47     | 1 06:48      | 10 20:29     | 25 19:12     | 2 13:09      |
| 12 20:58    | 27 13:24     | 4 02:36      | 14 17:47     | 26 07:50     | 1 00:29      | 13 13:23     | 28 03:40     | 3 16:14      | 13 06:33     | 28 07:46     | 4 21:51      |
| 15 09:13    | 30 01:23     | 6 15:19      | 17 06:23     | 28 20:29     | 3 10:40      | 15 23:59     | 30 15:40     | 6 04:12      | 15 18:43     | 30 19:34     | 7 09:37      |
| 17 22:09    |              | 9 03:57      | 19 18:53     |              | 5 22:40      | 18 12:35     |              | 8 16:48      | 18 06:56     |              | 9 22:23      |
| 20 10:26    | Dec. -2956j  | 11 15:18     | 22 05:54     | July -2954j  | 8 11:39      | 21 01:21     | Feb. -2952j  | 11 03:36     | 20 17:01     | Sept. -2951j | 12 09:44     |
| 22 20:55    | 2 11:17      | 14 00:06     | 24 13:44     | 1 08:46      | 10 23:30     | 23 11:40     | 2 00:37      | 13 11:12     | 23 00:00     | 2 04:50      | 14 18:18     |
| 25 04:43    | 4 18:10      | 16 05:26     | 26 17:37     | 3 18:35      | 13 07:55     | 25 18:01     | 4 05:50      | 15 15:43     | 25 04:13     | 4 11:12      | 17 00:11     |
| 27 09:20    | 6 21:41      | 18 07:21     | 28 18:09     | 6 00:26      | 15 12:05     | 27 20:48     | 6 08:13      | 17 18:15     | 27 06:46     | 6 15:21      | 19 04:15     |
| 29 11:10    | 8 22:26      | 20 07:03     | 30 17:08     | 8 02:26      | 17 12:59     | 29 21:34     | 8 09:19      | 19 20:08     |              | 8 18:21      | 21 07:24     |
| 31 11:19    | 10 21:52     | 22 06:24     |              | 10 02:05     | 19 12:36     | 31 22:14     | 10 10:41     | 21 22:27     |              | 10 21:06     | 23 10:14     |
|             | 12 21:56     | 24 07:33     | Jan. -2954j  | 12 01:35     | 21 12:59     |              | 12 13:26     | 24 02:01     | March -2951j | 13 00:13     | 25 13:11     |
| June -2956j | 15 00:36     | 26 12:10     | 1 16:49      | 14 02:59     | 23 15:46     | Aug. -2953j  | 14 18:13     | 26 07:17     | 1 08:51      | 15 04:11     | 27 16:52     |
| 2 11:27     | 17 07:16     | 28 20:49     | 3 19:16      | 16 07:36     | 25 21:36     | 3 00:16      | 17 01:17     | 28 14:38     | 3 11:32      | 17 09:36     | 29 22:17     |
| 4 13:23     | 19 17:50     |              | 6 01:39      | 18 15:36     | 28 06:14     | 5 04:30      | 19 10:40     | 31 00:18     | 5 15:27      | 19 17:15     |              |
| 6 18:35     | 22 06:42     | July -2955j  | 8 11:39      | 21 02:06     | 30 16:58     | 7 11:08      | 21 22:09     |              | 7 21:04      | 22 03:36     | Apr. -2950j  |
| 9 03:39     | 24 19:38     | 1 08:31      | 10 23:46     | 23 14:04     |              | 9 20:01      | 24 10:59     | Sept. -2952j | 10 04:44     | 24 15:59     | 1 06:28      |
| 11 15:38    | 27 07:13     | 3 21:22      | 13 12:28     | 26 02:42     | Feb. -2953j  | 12 06:59     | 26 23:29     | 2 12:03      | 12 14:42     | 27 04:21     | 3 17:38      |
| 14 04:35    | 29 16:52     | 6 09:49      | 16 00:49     | 28 15:09     | 2 05:12      | 14 19:35     | 29 09:34     | 5 00:47      | 17 15:07     | 29 14:10     | 6 06:26      |
| 16 16:33    |              | 8 21:03      | 18 12:02     | 31 01:55     | 4 18:11      | 17 08:37     |              | 7 12:26      | 20 02:02     |              | 8 18:10      |
| 19 02:34    | Jan. -2955j  | 11 06:24     | 20 21:00     |              | 7 06:30      | 19 19:57     | March -2952j | 9 21:05      | 22 09:35     | Oct. -2951j  | 11 02:48     |
| 21 10:17    | 3 10:21      | 13 13:06     | 23 02:38     | Aug. -2954j  | 9 16:13      | 22 03:44     | 2 15:56      | 12 01:58     | 24 13:34     | 1 20:20      | 13 08:01     |
| 23 15:43    | 5 05:23      | 15 16:41     | 25 04:44     | 2 09:21      | 11 21:58     | 24 07:29     | 4 18:43      | 14 03:49     | 26 15:01     | 3 23:25      | 15 10:57     |
| 25 19:02    | 7 07:58      | 17 17:35     | 27 04:24     | 4 12:47      | 13 23:55     | 26 08:13     | 6 19:10      | 16 04:13     | 28 15:40     | 6 00:57      | 17 13:05     |
| 27 20:42    | 9 08:42      | 19 17:11     | 29 03:39     | 6 13:05      | 15 23:32     | 28 07:48     | 8 19:04      | 18 04:57     | 30 17:12     | 8 02:38      | 19 15:36     |
| 29 21:42    | 11 10:50     | 21 17:32     | 31 04:43     | 8 12:07      | 17 22:54     | 30 08:09     | 10 20:11     | 20 07:32     |              | 10 05:39     | 21 19:07     |
| July -2956j | 13 15:58     | 23 20:42     | Feb. -2954j  | 10 12:09     | 19 23:57     |              | 12 23:53     | 22 12:51     | Apr. -2951j  | 12 10:26     | 23 23:51     |
| 2 12:29     | 16 01:16     | 26 03:59     | 2 09:22      | 12 15:05     | 22 04:10     | Sept. -2953j | 15 06:48     | 24 20:56     | 1 20:51      | 14 16:58     | 26 06:07     |
| 4 03:43     | 18 13:38     | 28 15:01     | 4 18:08      | 14 21:50     | 24 11:59     | 1 10:51      | 17 16:39     | 27 07:15     | 4 03:01      | 17 01:16     | 28 14:32     |
| 6 11:36     | 21 02:36     | 31 03:49     | 6 05:55      | 16 17:59     | 26 22:45     | 3 16:45      | 20 04:33     | 29 19:09     | 6 11:28      | 19 11:35     |              |
| 8 22:55     | 23 13:56     |              | 8 18:40      | 19 20:06     |              | 6 01:48      | 22 17:26     |              | 8 21:52      | 21 23:49     | May -2950j   |
| 11 11:49    | 25 22:54     | Aug. -2955j  | 10 26:50     | 22 08:45     | March -2953j | 8 13:12      | 25 06:04     | Oct. -2952j  | 11 09:47     | 24 12:37     | 1 01:30      |
| 13 23:44    | 28 05:47     | 2 16:10      | 12 06:50     | 24 20:56     | 1 11:13      | 11 01:57     | 27 16:59     | 2 07:51      | 13 22:28     | 26 23:34     | 3 14:15      |
| 16 09:11    | 30 11:01     | 5 02:56      | 14 17:39     | 27 07:46     | 4 00:10      | 13 14:54     | 30 00:49     | 4 20:05      | 16 10:12     | 29 06:41     | 6 02:36      |
| 18 16:05    |              | 7 11:52      | 17 02:38     | 29 16:10     | 6 12:24      | 16 02:41     |              | 7 06:07      | 18 18:58     | 31 09:47     | 8 11:59      |
| 20 21:06    | Feb. -2955j  | 9 18:54      | 19 09:11     | 31 21:18     | 8 22:39      | 18 11:48     | Apr. -2952j  | 9 12:28      | 20 23:45     |              | 10 17:26     |
| 23 00:53    | 1 14:43      | 11 23:44     | 21 12:54     |              | 11 05:46     | 20 17:18     | 1 04:57      | 11 15:01     | 23 01:04     | Nov. -2951j  | 12 19:42     |
| 25 03:49    | 3 17:03      | 14 02:17     | 23 14:11     | Sept. -2954j | 13 09:23     | 22 19:21     | 3 05:59      | 13 14:56     | 25 00:41     | 2 10:18      | 14 20:33     |
| 27 06:15    | 5 18:42      | 16 03:13     | 25 14:20     | 2 23:15      | 15 10:14     | 24 19:11     | 5 05:24      | 15 14:12     | 27 00:41     | 4 10:19      | 16 21:44     |
| 29 08:58    | 7 20:59      | 18 04:02     | 27 15:16     | 4 23:13      | 17 09:51     | 26 18:37     | 7 05:10      | 17 14:56     | 29 02:56     | 6 11:46      | 19 00:31     |
| 31 13:15    | 9 10:37      | 20 06:38     |              | 6 23:04      | 19 10:06     | 28 19:36     | 9 07:12      | 19 18:51     |              | 8 15:50      | 21 05:24     |
|             | 12 09:50     | 22 12:42     | March -2954j | 9 00:47      | 21 12:46     | 30 23:47     | 11 12:52     | 22 02:32     | May -2951j   | 10 22:40     | 23 12:23     |
| Aug. -2956j | 14 21:26     | 24 22:39     | 1 18:49      | 11 05:55     | 23 19:03     |              | 13 22:21     | 24 13:13     | 1 08:28      | 13 07:44     | 25 21:27     |
| 2 20:25     | 17 10:19     | 27 11:07     | 4 02:10      | 13 13:43     | 26 05:02     | Oct. -2953j  | 16 10:27     | 27 01:28     | 3 17:07      | 15 18:33     | 28 08:37     |
| 5 07:00     | 19 21:47     | 29 23:32     | 6 12:59      | 16 02:41     | 28 17:25     | 3 07:54      | 18 23:26     | 29 14:08     | 6 03:59      | 18 06:47     | 30 21:24     |
| 7 19:45     | 22 06:25     |              | 9 01:34      | 18 15:22     | 31 06:21     | 5 19:15      | 21 11:56     |              | 8 16:08      | 20 19:42     |              |
| 10 07:59    | 24 12:24     | Sept. -2955j | 11 13:42     | 21 03:17     |              | 8 08:11      | 23 22:59     | Nov. -2952j  | 11 04:50     | 23 07:35     | June -2950j  |
| 12 17:25    | 26 16:41     | 1 10:03      | 14 00:05     | 23 13:31     | Apr. -2953j  | 10 20:58     | 26 07:45     | 1 02:23      | 13 17:00     | 25 16:15     | 2 10:13      |
| 14 23:36    | 28 20:05     | 3 18:13      | 16 08:22     | 25 21:40     | 2 18:15      | 13 08:27     | 28 13:28     | 3 13:11      | 16 02:59     | 27 20:39     | 4 20:42      |
| 17 03:28    |              | 6 00:27      | 18 14:35     | 28 03:30     | 5 04:12      | 15 17:55     | 30 15:59     | 5 21:12      | 18 09:14     | 29 21:32     | 7 03:15      |
| 19 06:22    | March -2955j | 8 05:10      | 20 18:52     | 30 07:01     | 7 11:42      | 18 00:45     |              | 8 01:30      | 20 11:34     |              | 9 05:55      |
| 21 09:16    | 10 08:36     | 10 08:36     | 22 21:28     |              | 9 16:34      | 20 04:41     | May -2952j   | 10 02:25     | 22 11:14     | Dec. -2951j  | 11 06:12     |
| 23 12:35    | 12 11:02     | 12 11:02     | 24 23:06     | Oct. -2954j  | 11 19:02     | 22 06:04     | 2 16:09      | 12 01:31     | 24 10:19     | 2 10:45      | 13 06:02     |
| 25 16:34    | 14 13:14     | 14 13:14     | 27 01:01     | 2 08:44      | 13 19:57     | 24 06:03     | 4 15:38      | 14 01:00     | 26 11:02     | 3 20:32      | 15 07:16     |
| 27 21:45    | 16 16:29     | 16 16:29     | 29 04:38     | 4 09:43      | 15 20:37     | 26 06:24     | 6 16:28      | 16 03:05     | 28 15:03     | 5 22:46      | 17 11:05     |
| 30 05:05    | 18 22:13     | 18 22:13     | 31 11:12     | 6 11:31      | 17 22:41     | 28 09:04     | 8 20:35      | 18 09:11     | 30 22:53     | 8 04:27      | 19 17:53     |
|             | 21 07:18     | 21 07:18     |              | 8 15:41      | 20 03:42     | 30 15:34     |              | 20 19:14     |              | 10 13:23     | 22 03:22     |
|             | 24 05:37     | 24 05:37     | Apr. -2954j  | 10 23:19     | 22 12:28     |              | 11 16:36     | 23 07:35     | June -2951j  | 13 00:36     | 24 14:56     |
|             | 27 18:20     | 27 18:20     | 2 21:04      | 13 10:17     | 25 00:21     | Nov. -2953j  | 16 05:36     | 25 20:19     | 2 09:43      | 15 13:04     | 27 03:47     |
|             | 19 06:14     | 19 06:14     | 5 09:13      | 15 22:55     | 27 13:15     | 2 02:04      | 18 17:55     | 28 08:16     | 4 22:03      | 18 01:53     | 29 16:44     |
|             | 21 15:13     | 21 15:13     | 7 21:27      | 18 10:54     | 30 00:56     | 4 14:54      | 21 04:36     | 30 18:53     | 7 10:43      | 20 13:56     |              |
|             | 23 20:53     | 23 20:53     | 9 10:49      | 20 20:39     |              | 7 03:40      | 23 13:20     |              | 9 22:49      | 22 23:42     | July -2950j  |
|             | 26 00:07     | 26 00:07     | 12 15:30     | 23 03:50     | May -2953j   | 9 14:40      | 25 19:53     | Dec. -2952j  | 12 09:18     | 25 05:52     | 2 04:04      |
|             | 28 02:16     | 28 02:16     | 14 20:44     | 25 08:56     | 2 10:16      | 11 23:30     | 27 23:54     | 3 03:34      | 14 16:53     | 27 08:18     | 4 12:04      |
|             | 30 04:28     | 30 04:28     | 17 00:18     | 27 12:38     | 4 17:11      | 14 06:20     | 30 01:35     | 5 09:27      | 16 20:51     | 29 08:13     | 6 16:08      |
|             |              |              | 19 03:01     | 29 15:32     | 6 22:07      | 16 11:18     |              | 7 12:13      | 18 21:42     | 31 07:31     | 8 17:03      |
|             | Apr. -2955j  |              | 21 05:37     | 31 18:08     | 9 01:33      | 18 14:24     | June -2952j  | 9 12:36      | 20 21:04     |              | 10 16:28     |
|             | 1 07:30      | 1 07:30      | 23 08:48     |              | 11 03:55     | 20 16:02     | 1 01:55      | 11 12:17     | 22 21:02     | Jan. -2950j  | 12 16:21     |
|             | 3 11:52      | 3 11:52      | 25 13:21     | Nov. -2954j  | 13 05:51     | 22 17:12     | 3 02:41      | 13 13:25     | 24 23:35     | 2 08:16      | 14 18:28     |
|             | 5 18:02      | 5 18:02      | 27 20:04     | 2 21:10      | 15 18:26     | 24 19:34     | 5 05:50      | 15 17:54     | 27 05:58     | 4 12:07      | 17 00:01     |
|             | 8 02:31      | 8 02:31      | 30 05:28     | 5 01:38      | 17 13:03     | 27 00:53     | 7 12:50      | 18 02:32     | 30 15:59     | 6 19:46      | 19 09:07     |
|             | 10 13:27     | 10 13:27     |              | 7 08:38      | 19 20:55     | 30 15:34     | 9 23:40      | 20 14:19     |              | 9 06:40      | 21 20:51     |
|             | 13 02:04     | 13 02:04     | May -2954j   | 9 18:44      | 22 08:05     |              |              |              |              |              |              |



|              |              |              |              |             |             |             |             |              |             |              |              |
|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|--------------|
| Aug. -2950j  | March -2949j | Sept. -2949j | March -2948j | Oct. -2948j | Apr. -2947j | Oct. -2947j | May -2946j  | Nov. -2946j  | May -2945j  | Dec. -2945j  | June -2944j  |
| ♈ 25 15:44   | ♈ 2 07:36    | ♈ 11 21:52   | ♈ 23 12:48   | ♈ 3 03:30   | ♈ 14 18:27  | ♈ 25 08:55  | ♈ 1 22:16   | ♈ 11 12:42   | ♈ 24 02:18  | ♈ 1 03:51    | ♈ 11 17:25   |
| ♈ 28 00:34   | ♈ 4 19:45    | ♈ 14 09:48   | ♈ 26 00:38   | ♈ 5 15:16   | ♈ 17 05:08  | ♈ 27 18:07  | ♈ 4 10:58   | ♈ 14 01:03   | ♈ 26 14:00  | ♈ 3 16:36    | ♈ 14 05:51   |
| ♈ 30 07:05   | ♈ 7 06:13    | ♈ 16 20:13   | ♈ 28 10:33   | ♈ 8 00:05   | ♈ 19 12:06  | ♈ 29 23:17  | ♈ 6 21:59   | ♈ 16 11:04   | ♈ 28 22:51  | ♈ 6 03:41    | ♈ 16 15:41   |
|              | ♈ 9 14:36    | ♈ 19 04:11   | ♈ 30 17:14   | ♈ 10 04:48  | ♈ 21 15:07  | ♈ 1 15:07   | ♈ 9 05:38   | ♈ 18 17:25   | ♈ 31 04:05  | ♈ 8 11:15    | ♈ 18 22:11   |
| Sept. -2950j | ♈ 11 20:30   | ♈ 21 08:51   |              | ♈ 12 05:52  | ♈ 23 15:24  | Nov. -2947j | ♈ 11 09:36  | ♈ 20 20:18   |             | ♈ 10 15:24   | ♈ 21 02:07   |
| ♈ 1 11:14    | ♈ 13 23:44   | ♈ 23 10:19   | Apr. -2948j  | ♈ 14 04:59  | ♈ 25 14:51  | ♈ 1 00:57   | ♈ 13 10:51  | ♈ 22 21:04   | June -2945j | ♈ 12 17:27   | ♈ 23 04:52   |
| ♈ 3 13:15    | ♈ 16 00:43   | ♈ 25 09:48   | ♈ 1 20:14    | ♈ 16 04:23  | ♈ 27 15:26  | ♈ 3 00:46   | ♈ 15 11:01  | ♈ 24 21:30   | ♈ 2 06:28   | ♈ 14 19:06   | ♈ 25 07:33   |
| ♈ 5 13:58    | ♈ 18 00:47   | ♈ 27 09:23   | ♈ 3 20:23    | ♈ 18 06:07  | ♈ 29 18:41  | ♈ 5 00:38   | ♈ 17 11:50  | ♈ 26 23:20   | ♈ 4 07:33   | ♈ 16 21:40   | ♈ 27 10:44   |
| ♈ 7 14:52    | ♈ 20 01:48   | ♈ 29 11:14   | ♈ 5 19:34    | ♈ 20 11:29  |             | ♈ 7 02:19   | ♈ 19 14:46  | ♈ 29 03:39   | ♈ 6 09:01   | ♈ 19 01:46   | ♈ 29 14:42   |
| ♈ 9 17:45    | ♈ 22 05:44   |              | ♈ 7 19:58    | ♈ 22 20:31  | May -2947j  | ♈ 9 06:59   | ♈ 21 20:36  |              | ♈ 8 12:06   | ♈ 21 07:27   |              |
| ♈ 12 00:10   | ♈ 24 13:45   | Oct. -2949j  | ♈ 9 23:30    | ♈ 25 08:06  | ♈ 2 01:18   | ♈ 11 14:57  | ♈ 24 05:23  | Dec. -2946j  | ♈ 10 17:21  | ♈ 23 14:48   | July -2944j  |
| ♈ 14 10:30   | ♈ 27 01:19   | ♈ 1 17:03    | ♈ 12 07:01   | ♈ 27 20:47  | ♈ 4 11:03   | ♈ 14 01:38  | ♈ 26 16:26  | ♈ 1 10:45    | ♈ 13 00:43  | ♈ 26 00:11   | ♈ 1 19:54    |
| ♈ 16 23:18   | ♈ 29 14:17   | ♈ 4 03:00    | ♈ 14 17:51   | ♈ 30 09:26  | ♈ 6 22:56   | ♈ 16 14:03  | ♈ 29 04:55  | ♈ 3 20:13    | ♈ 15 10:03  | ♈ 28 11:45   | ♈ 4 03:05    |
| ♈ 19 11:55   |              | ♈ 6 15:29    | ♈ 17 06:19   |             | ♈ 9 11:48   | ♈ 19 03:06  | ♈ 31 17:41  | ♈ 6 07:27    | ♈ 17 21:14  | ♈ 31 00:38   | ♈ 6 13:01    |
| ♈ 21 22:27   | Apr. -2949j  | ♈ 9 04:14    | ♈ 19 18:48   | Nov. -2948j | ♈ 12 00:28  | ♈ 21 15:31  |             | ♈ 8 19:52    | ♈ 20 09:45  |              | ♈ 9 01:21    |
| ♈ 24 06:28   | ♈ 1 02:18    | ♈ 11 15:48   | ♈ 22 06:20   | ♈ 1 21:06   | ♈ 14 11:33  | ♈ 24 01:50  | June -2946j | ♈ 11 08:29   | ♈ 22 22:04  | Jan. -2944j  | ♈ 11 14:08   |
| ♈ 26 12:28   | ♈ 3 12:15    | ♈ 14 01:45   | ♈ 24 16:13   | ♈ 4 06:41   | ♈ 16 19:43  | ♈ 26 08:45  | ♈ 3 05:20   | ♈ 13 19:38   | ♈ 25 08:01  | ♈ 2 12:35    | ♈ 14 00:41   |
| ♈ 28 16:59   | ♈ 5 20:06    | ♈ 16 09:51   | ♈ 26 23:41   | ♈ 6 13:03   | ♈ 19 00:19  | ♈ 28 12:00  | ♈ 5 14:17   | ♈ 16 03:31   | ♈ 27 14:04  | ♈ 4 21:12    | ♈ 16 07:26   |
| ♈ 30 20:20   | ♈ 8 02:05    | ♈ 18 15:42   | ♈ 29 04:09   | ♈ 8 15:59   | ♈ 21 01:48  | ♈ 30 12:25  | ♈ 7 19:35   | ♈ 18 07:23   | ♈ 29 16:23  | ♈ 7 01:40    | ♈ 18 10:48   |
|              | ♈ 10 06:17   | ♈ 20 18:59   |              | ♈ 10 16:23  | ♈ 23 01:34  |             | ♈ 9 21:27   | ♈ 20 08:01   |             | ♈ 9 03:01    | ♈ 20 12:18   |
| Oct. -2950j  | ♈ 12 08:46   | ♈ 22 20:06   | May -2948j   | ♈ 12 15:55  | ♈ 25 01:25  | Dec. -2947j | ♈ 11 21:11  | ♈ 22 07:15   | July -2945j | ♈ 11 03:10   | ♈ 22 13:39   |
| ♈ 2 22:42    | ♈ 14 10:08   | ♈ 24 20:27   | ♈ 1 05:50    | ♈ 14 16:36  | ♈ 27 03:12  | ♈ 2 11:40   | ♈ 13 20:43  | ♈ 24 07:15   | ♈ 1 16:28   | ♈ 13 04:07   | ♈ 24 16:08   |
| ♈ 5 00:48    | ♈ 16 11:44   | ♈ 26 21:56   | ♈ 3 05:56    | ♈ 16 20:12  | ♈ 29 08:21  | ♈ 4 11:45   | ♈ 15 22:02  | ♈ 26 09:56   | ♈ 3 16:26   | ♈ 15 07:13   | ♈ 26 20:19   |
| ♈ 7 03:55    | ♈ 18 15:18   | ♈ 29 02:28   | ♈ 5 06:19    | ♈ 19 03:41  | ♈ 31 17:14  | ♈ 6 14:31   | ♈ 18 18:39  | ♈ 28 16:17   | ♈ 5 18:10   | ♈ 17 12:56   | ♈ 29 02:21   |
| ♈ 9 09:38    | ♈ 20 22:19   | ♈ 31 10:59   | ♈ 7 08:53    | ♈ 24 14:36  |             | ♈ 8 21:09   | ♈ 20 11:02  | ♈ 31 01:56   | ♈ 7 22:48   | ♈ 19 20:59   | ♈ 31 10:20   |
| ♈ 11 18:57   | ♈ 23 09:00   |              | ♈ 9 15:00    | ♈ 24 03:18  | June -2947j | ♈ 11 07:32  | ♈ 22 22:20  |              | ♈ 10 06:25  | ♈ 22 07:01   |              |
| ♈ 14 07:15   | ♈ 25 21:42   | Nov. -2949j  | ♈ 12 00:50   | ♈ 26 15:52  | ♈ 3 05:01   | ♈ 13 20:09  | ♈ 25 11:00  | Jan. -2945j  | ♈ 12 16:19  | ♈ 24 18:45   | Aug. -2944j  |
| ♈ 16 20:04   | ♈ 28 09:49   | ♈ 2 22:46    | ♈ 14 12:59   | ♈ 29 03:02  | ♈ 5 17:57   | ♈ 16 09:13  | ♈ 27 23:42  | ♈ 2 13:38    | ♈ 15 03:49  | ♈ 27 07:40   | ♈ 2 20:32    |
| ♈ 19 06:45   | ♈ 30 19:31   | ♈ 5 11:30    | ♈ 17 01:27   |             | ♈ 8 06:23   | ♈ 18 21:22  | ♈ 30 11:27  | ♈ 5 02:11    | ♈ 17 16:21  | ♈ 29 20:12   | ♈ 5 08:47    |
| ♈ 21 14:13   |              | ♈ 7 23:01    | ♈ 19 12:40   | Dec. -2948j | ♈ 10 17:11  | ♈ 21 07:46  |             | ♈ 7 14:46    | ♈ 20 04:59  |              | ♈ 7 21:50    |
| ♈ 23 19:05   | May -2949j   | ♈ 10 08:19   | ♈ 21 21:57   | ♈ 1 12:10   | ♈ 13 01:42  | ♈ 23 15:45  | July -2946j | ♈ 10 02:24   | ♈ 22 15:59  | Feb. -2944j  | ♈ 10 09:21   |
| ♈ 25 22:35   | ♈ 3 02:37    | ♈ 12 15:34   | ♈ 24 05:08   | ♈ 3 18:59   | ♈ 15 07:29  | ♈ 25 20:48  | ♈ 2 21:14   | ♈ 12 11:39   | ♈ 24 23:31  | ♈ 1 06:08    | ♈ 12 17:15   |
| ♈ 28 01:41   | ♈ 5 07:46    | ♈ 14 21:04   | ♈ 26 10:07   | ♈ 5 23:21   | ♈ 17 10:36  | ♈ 27 22:57  | ♈ 5 04:04   | ♈ 14 17:15   | ♈ 27 02:55  | ♈ 3 11:57    | ♈ 14 21:08   |
| ♈ 30 04:53   | ♈ 7 11:40    | ♈ 17 01:02   | ♈ 28 13:05   | ♈ 8 01:34   | ♈ 19 11:41  | ♈ 29 23:05  | ♈ 7 07:28   | ♈ 16 19:08   | ♈ 29 03:09  | ♈ 5 13:54    | ♈ 16 22:09   |
|              | ♈ 9 14:43    | ♈ 19 03:40   | ♈ 30 14:41   | ♈ 10 02:32  | ♈ 21 12:00  | ♈ 31 22:53  | ♈ 9 08:00   | ♈ 18 18:33   | ♈ 31 02:14  | ♈ 7 13:35    | ♈ 18 22:09   |
| Nov. -2950j  | ♈ 11 17:18   | ♈ 21 05:37   | June -2948j  | ♈ 12 03:39  | ♈ 23 13:14  |             | ♈ 11 07:17  | ♈ 20 17:37   | ♈ 19 20:59  | ♈ 9 13:08    | ♈ 20 23:00   |
| ♈ 1 08:22    | ♈ 13 20:07   | ♈ 23 08:05   | ♈ 1 16:04    | ♈ 14 06:33  | ♈ 25 17:05  | Jan. -2946j | ♈ 13 07:25  | ♈ 22 18:35   | Aug. -2945j | ♈ 11 14:27   | ♈ 23 02:02   |
| ♈ 3 12:41    | ♈ 16 00:19   | ♈ 25 12:33   | ♈ 3 18:45    | ♈ 16 12:36  | ♈ 28 00:49  | ♈ 3 00:19   | ♈ 15 10:27  | ♈ 24 23:13   | ♈ 2 02:23   | ♈ 13 18:50   | ♈ 25 07:50   |
| ♈ 5 18:48    | ♈ 18 07:09   | ♈ 27 20:10   | ♈ 6 00:08    | ♈ 18 22:19  | ♈ 30 11:50  | ♈ 5 05:14   | ♈ 17 17:34  | ♈ 27 07:54   | ♈ 4 05:26   | ♈ 16 02:30   | ♈ 27 16:21   |
| ♈ 8 03:44    | ♈ 20 17:14   | ♈ 30 07:01   | ♈ 8 08:56    | ♈ 21 10:38  |             | ♈ 7 14:22   | ♈ 20 04:26  | ♈ 29 19:31   | ♈ 6 12:10   | ♈ 18 12:51   | ♈ 30 03:06   |
| ♈ 10 15:30   | ♈ 23 05:37   |              | ♈ 10 20:31   | ♈ 23 23:17  | July -2947j | ♈ 10 10:39  | ♈ 22 17:09  |              | ♈ 8 22:03   | ♈ 21 00:57   |              |
| ♈ 13 04:29   | ♈ 25 17:59   | Dec. -2949j  | ♈ 13 09:00   | ♈ 26 10:12  | ♈ 3 00:43   | ♈ 12 15:44  | ♈ 25 05:46  | Feb. -2945j  | ♈ 11 09:51  | ♈ 23 13:52   | Sept. -2944j |
| ♈ 15 15:51   | ♈ 28 04:01   | ♈ 2 19:34    | ♈ 15 20:13   | ♈ 28 18:32  | ♈ 5 13:01   | ♈ 15 03:37  | ♈ 27 17:09  | ♈ 1 08:14    | ♈ 13 22:26  | ♈ 26 02:30   | ♈ 1 15:29    |
| ♈ 17 23:44   | ♈ 30 10:51   | ♈ 5 07:24    | ♈ 18 04:59   | ♈ 31 00:32  | ♈ 7 23:17   | ♈ 17 13:27  | ♈ 30 02:53  | ♈ 3 20:40    | ♈ 16 10:58  | ♈ 28 13:13   | ♈ 4 04:34    |
| ♈ 20 04:07   |              | ♈ 7 16:42    | ♈ 20 11:14   |             | ♈ 10 07:13  | ♈ 19 21:15  |             | ♈ 6 08:06    | ♈ 18 22:21  |              | ♈ 6 16:42    |
| ♈ 22 06:19   | June -2949j  | ♈ 9 23:09    | ♈ 22 15:34   | Jan. -2947j | ♈ 12 13:04  | ♈ 22 03:03  | Aug. -2946j | ♈ 12 11:39   | ♈ 24 23:31  | March -2944j | ♈ 9 02:02    |
| ♈ 24 07:57   | ♈ 1 15:04    | ♈ 12 03:25   | ♈ 24 18:40   | ♈ 2 04:49   | ♈ 14 17:10  | ♈ 24 06:45  | ♈ 1 10:30   | ♈ 11 00:42   | ♈ 25 13:54  | ♈ 1 20:34    | ♈ 11 07:27   |
| ♈ 26 10:16   | ♈ 3 17:48    | ♈ 14 06:29   | ♈ 26 21:14   | ♈ 4 07:59   | ♈ 16 19:47  | ♈ 26 08:34  | ♈ 3 15:27   | ♈ 13 04:19   | ♈ 27 13:24  | ♈ 4 00:03    | ♈ 13 09:18   |
| ♈ 28 13:56   | ♈ 5 20:08    | ♈ 16 09:10   | ♈ 28 23:58   | ♈ 6 10:32   | ♈ 18 21:28  | ♈ 28 09:25  | ♈ 5 17:38   | ♈ 15 05:07   | ♈ 29 12:52  | ♈ 6 00:35    | ♈ 15 09:02   |
| ♈ 30 19:13   | ♈ 7 22:52    | ♈ 18 12:08   |              | ♈ 8 13:04   | ♈ 20 23:18  | ♈ 30 10:53  | ♈ 7 17:56   | ♈ 17 04:39   | ♈ 31 14:23  | ♈ 7 23:53    | ♈ 17 08:33   |
|              | ♈ 10 02:34   | ♈ 20 15:59   | July -2948j  | ♈ 10 16:34  | ♈ 22 02:47  |             | ♈ 9 18:04   | ♈ 19 04:59   |             | ♈ 9 23:59    | ♈ 19 09:46   |
| Dec. -2950j  | ♈ 12 07:48   | ♈ 22 21:27   | ♈ 1 03:40    | ♈ 12 22:13  | ♈ 25 09:23  | Feb. -2946j | ♈ 11 20:05  | ♈ 21 08:10   | ♈ 2 02:23   | ♈ 13 18:50   | ♈ 25 07:50   |
| ♈ 3 02:22    | ♈ 14 15:14   | ♈ 25 05:11   | ♈ 3 09:16    | ♈ 15 06:59  | ♈ 27 19:38  | ♈ 1 14:50   | ♈ 14 01:46  | ♈ 24 23:13   | ♈ 4 05:26   | ♈ 16 02:30   | ♈ 27 16:21   |
| ♈ 5 11:43    | ♈ 17 01:15   | ♈ 27 15:32   | ♈ 5 17:34    | ♈ 17 18:41  | ♈ 30 08:17  | ♈ 3 22:37   | ♈ 16 11:32  | ♈ 27 07:54   | ♈ 6 12:10   | ♈ 18 12:51   | ♈ 30 03:06   |
| ♈ 7 23:21    | ♈ 19 13:26   | ♈ 30 03:47   | ♈ 8 04:36    | ♈ 20 07:27  |             | ♈ 6 10:03   | ♈ 18 23:57  | ♈ 29 19:31   | ♈ 8 22:03   | ♈ 21 00:57   |              |
| ♈ 10 12:19   | ♈ 22 02:06   |              | ♈ 10 17:06   | ♈ 22 18:38  | Aug. -2947j | ♈ 8 23:01   | ♈ 21 12:34  |              | ♈ 11 09:51  | ♈ 23 13:52   |              |
| ♈ 13 00:27   | ♈ 24 12:56   | Jan. -2948j  | ♈ 12 03:25   | ♈ 25 02:41  | ♈ 1 20:43   | ♈ 11 10:54  | ♈ 23 23:38  | March -2945j | ♈ 12 11:39  | ♈ 26 02:30   | ♈ 1 15:29    |
| ♈ 15 09:32   | ♈ 26 20:23   | ♈ 1 16:03    | ♈ 24 18:40   | ♈ 27 07:41  | ♈ 4 06:46   | ♈ 13 20:16  | ♈ 26 08:42  | ♈ 3 03:04    | ♈ 15 05:07  | ♈ 28 13:13   | ♈ 4 04:34    |
| ♈ 17 14:40   | ♈ 29 00:23   | ♈ 4 02:05    | ♈ 26 21:14   | ♈ 29 10:48  | ♈ 6 13:53   | ♈ 16 03:13  | ♈ 30 21:19  | ♈ 5 14:05    | ♈ 17 04:39  | ♈ 6 00:35    | ♈ 15 09:02   |
| ♈ 19 16:35   |              | ♈ 6 08:42    | ♈ 28 23:58   | ♈ 31 13:21  | ♈ 8 18:48   | ♈ 18 08:26  |             | ♈ 7 23:16    | ♈ 19 04:59  | ♈ 7 23:53    | ♈ 17 08:33   |
| ♈ 21 16:56   | July -2949j  | ♈ 8 12:10    | ♈ 30 17:14   | Feb. -2947j | ♈ 10 22:31  | ♈ 22 12:25  | ♈ 11 20:05  | ♈ 10 06:21   | ♈ 21 08:10  | ♈ 9 23:59    | ♈ 19 09:46   |
| ♈ 23 17:30   | ♈ 1 02:04    | ♈ 10 13:47   | ♈ 22 00:23   | ♈ 2 16:15   | ♈ 13 01:43  | ♈ 25 09:23  | ♈ 14 01:46  | ♈ 15 05:07   | ♈ 22 18:35  | ♈ 21 00:57   | ♈ 21 14:07   |
| ♈ 25 19:47   | ♈ 3 02:58    | ♈ 12 15:07   | ♈ 24 02:37   | ♈ 4 19:56   | ♈ 15 06:59  | ♈ 27 19:38  | ♈ 16 11:32  | ♈ 17 04:39   | ♈ 24 23:13  | ♈ 23 13:52   | ♈ 25 07:50   |
| ♈ 27 00:39   | ♈ 5 04:34    | ♈ 14 17:30   | ♈ 26 05:56   | ♈ 7 00:38   | ♈ 17 18:41  | ♈ 30 08:17  | ♈ 18 23:57  | ♈ 19 04:59   | ♈ 27 07:54  | ♈ 26 02:30   | ♈ 27 16:21   |
| ♈ 30 08:17   | ♈ 7 07:58    | ♈ 16 21:48   | ♈ 28 23:58   | ♈ 9 06:56   | ♈ 19 13:21  |             | ♈ 20 07:27  | ♈ 21 08:10   | ♈ 29 19:31  | ♈ 28 13:13   | ♈ 30 03:06   |
|              | ♈ 9 13:45    | ♈ 19 04:16   |              | ♈ 11 15:33  | ♈ 21 12:00  | Aug. -2947j | ♈ 22 18:38  | ♈ 23 23:38   | ♈ 24 23:31  |              |              |
| Jan. -2949j  | ♈ 11 21:59   | ♈ 21 12:49   | Aug. -2948j  | ♈ 1         |             |             |             |              |             |              |              |

with clock times in UT/GMT. The year -2944 astronomical counting style corresponds to year 2945 B.C.E historical counting style.

|   |  |  |  |   |   |   |   |   |  |   |  |
|---|--|--|--|---|---|---|---|---|--|---|--|
| Dec. -2944j<br>Υ 22 08:05<br>Ω 24 19:45<br>Π 27 04:30<br>Ω 29 10:26<br>Ω 31 14:34 | July -2943j<br>Υ 1 08:46<br>Ω 3 21:20<br>Π 6 08:05<br>Ω 8 16:22<br>Ω 10 22:36<br>Ω 13 03:18<br>Ω 15 06:45<br>Ω 17 09:15<br>Ω 19 11:29<br>Ω 21 14:38<br>Ω 23 20:09<br>Ω 26 04:59<br>Ω 28 16:44<br>Ω 31 05:23<br>Aug. -2943j<br>Π 2 16:26<br>Ω 5 00:34<br>Ω 7 05:54<br>Ω 9 09:26<br>Ω 11 12:09<br>Ω 13 14:51<br>Ω 15 18:04<br>Ω 17 22:27<br>Ω 20 04:43<br>Ω 22 13:32<br>Ω 25 00:53<br>Ω 27 13:33<br>Ω 30 01:18<br>Sept. -2943j<br>Ω 1 10:06<br>Ω 3 15:24<br>Ω 5 17:56<br>Ω 7 19:10<br>Ω 9 20:37<br>Oct. -2943j<br>Ω 1 01:55<br>Ω 3 04:37<br>Ω 5 04:55<br>Ω 7 04:54<br>Ω 9 09:58<br>Ω 11 13:19<br>Ω 13 17:19<br>Ω 15 15:11<br>Ω 17 09:57<br>Ω 19 22:16<br>Ω 22 09:29<br>Ω 24 18:38<br>Ω 27 00:36<br>Ω 29 03:03<br>Dec. -2943j<br>Ω 1 02:56<br>Ω 3 02:09<br>Ω 5 02:57<br>Ω 7 07:16<br>Ω 9 15:48<br>Ω 12 03:32<br>Ω 14 16:19<br>Ω 17 04:28<br>Ω 19 15:12<br>Ω 22 00:13<br>Ω 24 07:02<br>Ω 26 11:08<br>Ω 28 12:46<br>Ω 30 13:03<br>Jan. -2942j<br>Ω 1 13:50<br>Ω 3 17:06<br>Ω 6 00:08<br>Ω 8 10:50 | Jan. -2942j<br>Ω 10 23:25<br>Ω 13 11:35<br>Ω 15 21:56<br>Ω 18 06:10<br>Ω 20 12:26<br>Ω 22 16:55<br>Ω 24 19:48<br>Ω 26 21:41<br>Ω 28 23:39<br>Ω 31 03:08<br>Feb. -2942j<br>Ω 2 09:29<br>Ω 4 19:10<br>Ω 7 07:16<br>Ω 9 19:35<br>Ω 12 06:03<br>Ω 14 13:45<br>Ω 16 18:58<br>Ω 18 22:30<br>Ω 21 01:14<br>Ω 23 03:53<br>Ω 25 07:09<br>Ω 27 11:44<br>March -2942j<br>Ω 1 18:24<br>Ω 4 03:43<br>Ω 6 15:22<br>Ω 9 03:51<br>Ω 11 14:54<br>Ω 13 22:51<br>Ω 16 03:30<br>Ω 18 05:48<br>Ω 20 07:16<br>Ω 22 09:16<br>Ω 24 12:49<br>Ω 26 18:19<br>Ω 29 01:52<br>Ω 31 11:29<br>Apr. -2942j<br>Ω 5 11:35<br>Ω 7 23:24<br>Ω 10 08:20<br>Ω 12 13:24<br>Ω 14 15:12<br>Ω 16 15:22<br>Ω 18 15:53<br>Ω 20 18:24<br>Ω 22 23:45<br>Ω 25 07:51<br>Ω 27 18:03<br>Ω 30 05:47<br>May -2942j<br>Ω 2 18:25<br>Ω 5 06:45<br>Ω 7 16:53<br>Ω 9 23:14<br>Ω 12 01:38<br>Ω 14 01:25<br>Ω 16 00:42<br>Ω 18 01:37<br>Ω 20 05:42<br>Ω 22 13:22<br>Ω 24 23:49<br>Ω 27 11:50<br>Ω 30 00:30<br>June -2942j<br>Ω 1 12:56<br>Ω 3 23:50<br>Ω 6 07:38<br>Ω 8 11:32<br>Ω 10 12:08<br>Ω 12 11:13<br>Ω 14 10:59<br>Ω 16 13:28<br>Ω 18 19:47<br>Ω 21 05:41<br>Ω 23 17:45<br>Ω 26 06:27<br>Ω 28 18:39<br>July -2942j<br>Ω 1 05:33<br>Ω 3 14:07<br>Ω 5 19:32<br>Ω 7 21:46<br>Ω 9 21:52<br>Ω 11 21:40<br>Ω 13 23:10<br>Ω 16 03:59<br>Ω 18 12:39<br>Ω 21 00:17 | July -2942j<br>Π 23 12:57<br>Ω 26 00:56<br>Ω 28 11:17<br>Ω 30 19:34<br>Aug. -2942j<br>Ω 2 01:32<br>Ω 4 05:09<br>Ω 6 06:54<br>Ω 8 07:53<br>Ω 10 09:36<br>Ω 12 13:38<br>Ω 14 21:05<br>Ω 17 07:51<br>Ω 19 20:23<br>Ω 22 08:25<br>Ω 24 18:20<br>Ω 27 01:44<br>Ω 29 06:59<br>Ω 31 10:43<br>Sept. -2942j<br>Ω 2 13:32<br>Ω 4 16:03<br>Ω 6 18:59<br>Ω 8 23:24<br>Ω 11 06:18<br>Ω 13 16:15<br>Ω 16 04:30<br>Ω 18 16:53<br>Ω 21 03:03<br>Ω 23 09:55<br>Ω 25 13:59<br>Ω 27 16:32<br>Ω 29 18:53<br>Oct. -2942j<br>Ω 1 21:57<br>Ω 4 02:08<br>Ω 6 07:41<br>Ω 8 15:01<br>Ω 11 00:41<br>Ω 13 12:37<br>Ω 16 01:23<br>Ω 18 12:26<br>Ω 20 19:51<br>Ω 22 23:28<br>Ω 25 00:42<br>Ω 27 01:29<br>Ω 29 03:28<br>Ω 31 07:35<br>Nov. -2942j<br>Ω 2 03:58<br>Ω 4 14:38<br>Ω 7 02:43<br>Ω 9 15:34<br>Ω 12 03:59<br>Ω 14 14:03<br>Ω 16 20:16<br>Ω 18 18:23<br>Ω 20 22:12<br>Ω 22 21:24<br>Ω 24 22:12<br>Ω 27 02:11<br>Ω 29 09:49<br>Ω 31 20:29<br>Jan. -2941j<br>Ω 3 08:50<br>Ω 5 21:40<br>Ω 8 09:54<br>Ω 10 20:22<br>Ω 13 03:54<br>Ω 15 07:57<br>Ω 17 09:04<br>Ω 19 08:43<br>Ω 21 08:50<br>Ω 23 11:14<br>Ω 25 17:14<br>Ω 28 02:58<br>Ω 30 15:12 | Feb. -2941j<br>Ω 2 04:03<br>Ω 4 15:57<br>Ω 7 01:59<br>Ω 9 09:40<br>Ω 11 14:50<br>Ω 13 17:37<br>Ω 15 18:46<br>Ω 17 19:33<br>Ω 19 21:32<br>Ω 22 02:18<br>Ω 24 10:43<br>Ω 26 22:20<br>March -2941j<br>Ω 1 11:11<br>Ω 3 22:58<br>Ω 6 08:23<br>Ω 8 15:20<br>Ω 10 20:17<br>Ω 12 23:47<br>Ω 15 02:20<br>Ω 17 04:31<br>Ω 19 07:15<br>Ω 21 11:49<br>Ω 23 19:24<br>Ω 26 06:16<br>Ω 28 18:58<br>Ω 31 06:58<br>Apr. -2941j<br>Ω 2 16:13<br>Ω 4 22:22<br>Ω 7 02:16<br>Ω 9 05:10<br>Ω 11 07:59<br>Ω 13 11:11<br>Ω 15 15:07<br>Ω 17 20:24<br>Ω 20 03:58<br>Ω 22 14:22<br>Ω 25 02:57<br>Ω 27 15:22<br>Ω 30 01:06<br>May -2941j<br>Ω 2 07:06<br>Ω 4 10:07<br>Ω 6 11:46<br>Ω 8 13:34<br>Ω 10 16:34<br>Ω 12 21:07<br>Ω 15 03:20<br>Ω 17 11:30<br>Ω 19 21:59<br>Ω 22 10:28<br>Ω 24 23:20<br>Ω 27 10:01<br>Ω 29 16:47<br>Ω 31 19:48<br>June -2941j<br>Ω 2 20:32<br>Ω 4 20:54<br>Ω 6 22:34<br>Ω 8 20:21<br>Ω 10 22:59<br>Ω 12 11:51<br>Ω 14 20:54<br>Ω 16 11:05<br>Ω 18 13:37<br>Ω 20 19:23<br>Ω 22 13:39<br>Ω 24 17:48<br>Ω 26 19:43<br>Ω 28 08:29<br>Ω 31 21:10<br>July -2941j<br>Ω 2 06:34<br>Ω 4 06:42<br>Ω 6 09:05<br>Ω 8 14:39<br>Ω 10 23:26<br>Ω 13 10:42<br>Ω 15 23:26<br>Ω 18 12:27<br>Ω 21 00:24<br>Ω 23 09:44<br>Ω 25 15:28<br>Ω 27 17:42<br>Ω 29 17:38<br>Ω 31 17:04<br>Aug. -2941j<br>Ω 2 17:55<br>Ω 4 21:50<br>Ω 6 05:35<br>Ω 9 16:40<br>Ω 12 05:32 | Aug. -2941j<br>Ω 14 18:25<br>Ω 17 06:06<br>Ω 19 15:43<br>Ω 21 22:40<br>Ω 24 02:40<br>Ω 26 04:08<br>Ω 28 04:12<br>Ω 30 04:34<br>Sept. -2941j<br>Ω 1 07:06<br>Ω 3 13:18<br>Ω 5 23:29<br>Ω 8 12:11<br>Ω 11 01:03<br>Ω 13 12:16<br>Ω 15 21:16<br>Ω 18 04:11<br>Ω 20 09:10<br>Ω 22 12:20<br>Ω 24 14:01<br>Ω 26 15:14<br>Ω 28 17:32<br>Ω 30 22:38<br>Oct. -2941j<br>Ω 3 07:35<br>Ω 5 19:44<br>Ω 8 08:41<br>Ω 10 19:50<br>Ω 13 04:09<br>Ω 15 10:04<br>Ω 17 14:30<br>Ω 19 18:07<br>Ω 21 21:09<br>Ω 23 23:55<br>Ω 26 03:11<br>Ω 28 08:19<br>Ω 30 16:32<br>Nov. -2941j<br>Ω 2 03:59<br>Ω 4 16:57<br>Ω 7 04:34<br>Ω 9 12:56<br>Ω 11 18:03<br>Ω 13 21:11<br>Ω 15 23:42<br>Ω 18 02:32<br>Ω 20 06:05<br>Ω 22 10:39<br>Ω 24 16:44<br>Ω 27 01:09<br>Ω 29 12:14<br>Dec. -2941j<br>Ω 2 01:06<br>Ω 4 13:22<br>Ω 6 22:38<br>Ω 9 04:03<br>Ω 11 06:28<br>Ω 13 07:29<br>Ω 15 08:47<br>Ω 17 11:30<br>Ω 19 16:15<br>Ω 21 23:14<br>Ω 24 08:25<br>Ω 26 19:43<br>Ω 29 08:29<br>Ω 31 21:10<br>Jan. -2940j<br>Ω 3 07:37<br>Ω 5 14:20<br>Ω 7 17:20<br>Ω 9 17:50<br>Ω 11 17:39<br>Ω 13 18:35<br>Ω 15 22:04<br>Ω 18 04:46<br>Ω 20 14:25<br>Ω 23 02:12<br>Ω 25 15:02<br>Ω 28 03:44<br>Ω 30 14:53<br>Feb. -2940j<br>Ω 1 23:05<br>Ω 4 03:38<br>Ω 6 04:57<br>Ω 8 04:29<br>Ω 10 04:08<br>Ω 12 05:51<br>Ω 14 11:06<br>Ω 16 20:13<br>Ω 19 08:10<br>Ω 21 21:09 | Feb. -2940j<br>Ω 24 09:41<br>Ω 26 20:48<br>Ω 29 05:45<br>March -2940j<br>Ω 2 11:49<br>Ω 4 14:47<br>Ω 6 15:20<br>Ω 8 14:56<br>Ω 10 15:36<br>Ω 12 19:16<br>Ω 15 03:05<br>Ω 17 14:29<br>Ω 20 03:28<br>Ω 22 15:52<br>Ω 25 02:34<br>Ω 27 11:16<br>Ω 29 17:54<br>Ω 31 22:14<br>Apr. -2940j<br>Ω 3 00:21<br>Ω 5 01:03<br>Ω 7 01:53<br>Ω 9 04:47<br>Ω 11 11:19<br>Ω 13 21:46<br>Ω 16 10:28<br>Ω 18 22:52<br>Ω 21 09:13<br>Ω 23 17:13<br>Ω 25 23:19<br>Ω 28 03:52<br>Ω 30 07:03<br>May -2940j<br>Ω 2 09:09<br>Ω 4 11:06<br>Ω 6 14:19<br>Ω 8 20:20<br>Ω 11 05:56<br>Ω 13 18:11<br>Ω 16 06:41<br>Ω 18 17:08<br>Ω 21 00:40<br>Ω 23 05:48<br>Ω 25 09:28<br>Ω 27 12:27<br>Ω 29 15:14<br>Ω 31 18:21<br>June -2940j<br>Ω 2 22:35<br>Ω 4 04:59<br>Ω 7 14:17<br>Ω 9 10:09<br>Ω 12 14:49<br>Ω 15 01:50<br>Ω 17 09:38<br>Ω 19 14:16<br>Ω 21 16:46<br>Ω 23 18:30<br>Ω 25 20:37<br>Ω 27 23:59<br>Ω 30 05:07<br>July -2940j<br>Ω 2 12:23<br>Ω 4 22:01<br>Ω 7 09:47<br>Ω 9 22:34<br>Ω 12 10:21<br>Ω 14 19:11<br>Ω 17 00:18<br>Ω 19 02:19<br>Ω 21 02:45<br>Ω 23 03:20<br>Ω 25 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23:14<br>Ω 24 11:25<br>Ω 26 21:28<br>Ω 29 03:58<br>Ω 31 06:36<br>Nov. -2939j<br>Ω 2 06:31<br>Ω 4 05:40<br>Ω 6 06:09<br>Ω 8 09:46<br>Ω 10 17:15<br>Ω 13 04:04<br>Ω 15 16:38<br>Ω 18 05:22<br>Ω 20 17:10<br>Ω 23 03:12<br>Ω 25 10:39<br>Ω 27 15:04<br>Ω 29 16:48<br>Dec. -2939j<br>Ω 1 17:01<br>Ω 3 17:24<br>Ω 5 19:48<br>Ω 8 01:37<br>Ω 10 11:13<br>Ω 12 23:29<br>Ω 15 12:15<br>Ω 17 23:44<br>Ω 20 09:02<br>Ω 22 16:05<br>Ω 24 21:03<br>Ω 27 00:14<br>Ω 29 02:10<br>Ω 31 03:46<br>Jan. -2938j<br>Ω 2 06:21<br>Ω 4 11:19<br>Ω 6 19:42<br>Ω 9 07:14<br>Ω 11 20:01<br>Ω 14 07:34<br>Ω 16 16:22<br>Ω 18 22:25<br>Ω 21 02:32<br>Ω 23 05:43<br>Ω 25 08:37<br>Ω 27 11:40<br>Ω 29 15:25<br>Ω 31 20:44<br>Feb. -2938j<br>Ω 3 04:37<br>Ω 5 15:28<br>Ω 8 04:10<br>Ω 10 16:09<br>Ω 13 01:11<br>Ω 15 06:41<br>Ω 17 09:39<br>Ω 19 11:37<br>Ω 21 13:58<br>Ω 23 17:26<br>Ω 25 22:13<br>Ω 28 04:31<br>March -2938j<br>Ω 2 12:46<br>Ω 4 23:26<br>Ω 7 12:01<br>Ω 10 00:32<br>Ω 12 10:26<br>Ω 14 16:21<br>Ω 16 18:50<br>Ω 18 19:35<br>Ω 20 20:29<br>Ω 22 22:58<br>Ω 25 03:40<br>Ω 27 10:36<br>Ω 29 19:35 | Apr. -2938j<br>Ω 1 06:32<br>Ω 3 19:05<br>Ω 6 07:57<br>Ω 8 18:51<br>Ω 11 01:59<br>Ω 13 05:06<br>Ω 15 05:32<br>Ω 17 05:14<br>Ω 19 06:08<br>Ω 21 09:35<br>Ω 23 16:06<br>Ω 26 01:23<br>Ω 28 12:45<br>May -2938j<br>Ω 1 01:26<br>Ω 3 14:20<br>Ω 6 01:51<br>Ω 8 10:18<br>Ω 10 14:52<br>Ω 12 16:08<br>Ω 14 15:42<br>Ω 16 15:30<br>Ω 18 17:20<br>Ω 20 22:29<br>Ω 23 07:12<br>Ω 25 18:39<br>Ω 28 07:28<br>Ω 30 20:13<br>June -2938j<br>Ω 2 07:43<br>Ω 4 16:50<br>Ω 6 22:51<br>Ω 9 01:42<br>Ω 11 02:17<br>Ω 13 02:06<br>Ω 15 02:59<br>Ω 17 06:38<br>Ω 19 14:04<br>Ω 22 01:02<br>Ω 24 13:50<br>Ω 27 02:27<br>Ω 29 13:30<br>July -2938j<br>Ω 1 22:22<br>Ω 3 04:55<br>Ω 6 09:08<br>Ω 8 11:20<br>Ω 10 12:18<br>Ω 12 13:22<br>Ω 14 16:15<br>Ω 16 22:25<br>Ω 19 08:25<br>Ω 21 20:57<br>Ω 24 09:36<br>Ω 26 20:18<br>Ω 29 04:24<br>Ω 31 10:21<br>Aug. -2938j<br>Ω 2 14:46<br>Ω 4 18:04<br>Ω 6 20:32<br>Ω 8 22:48<br>Ω 11 02:01<br>Ω 13 07:40<br>Ω 15 16:45<br>Ω 18 04:51<br>Ω 20 17:40<br>Ω 23 04:32<br>Ω 25 12:10<br>Ω 27 17:04<br>Ω 29 20:27<br>Ω 31 23:25<br>Sept. -2938j<br>Ω 3 02:33<br>Ω 5 06:05<br>Ω 7 10:27<br>Ω 9 16:33<br>Ω 12 01:20<br>Ω 14 12:59<br>Ω 17 01:59<br>Ω 19 13:33<br>Ω 21 21:38<br>Ω 24 02:06<br>Ω 26 04:14<br>Ω 28 05:45<br>Ω 30 07:58<br>Oct. -2938j<br>Ω 2 11:36<br>Ω 4 16:52<br>Ω 6 23:57<br>Ω 9 09:11 | Oct. -2938j<br>Ω 11 20:44<br>Ω 14 09:46<br>Ω 16 22:07<br>Ω 19 07:27<br>Ω 21 12:42<br>Ω 23 14:37<br>Ω 25 14:52<br>Ω 27 15:19<br>Ω 29 17:30<br>Ω 31 22:16<br>Nov. -2938j<br>Ω 3 05:48<br>Ω 5 15:46<br>Ω 8 03:38<br>Ω 10 16:37<br>Ω 13 05:20<br>Ω 15 15:54<br>Ω 17 22:49<br>Ω 20 01:53<br>Ω 22 02:12<br>Ω 24 01:32<br>Ω 26 01:52<br>Ω 28 04:53<br>Ω 30 11:31<br>Dec. -2938j<br>Ω 2 21:33<br>Ω 5 09:48<br>Ω 7 22:50<br>Ω 10 11:26<br>Ω 12 22:26<br>Ω 15 06:45<br>Ω 17 11:41<br>Ω 19 13:26<br>Ω 21 13:09<br>Ω 23 12:39<br>Ω 25 13:58<br>Ω 27 18:49<br>Ω 30 03:50<br>Jan. -2937j<br>Ω 1 15:56<br>Ω 4 05:05<br>Ω 6 17:25<br>Ω 9 04:04<br>Ω 11 12:39<br>Ω 13 18:49<br>Ω 15 22:22<br>Ω 17 23:37<br>Ω 19 23:46<br>Ω 22 00:35<br>Ω 24 04:04<br>Ω 26 11:34<br>Ω 28 22:52<br>Ω 31 11:54<br>Feb. -2937j<br>Ω 3 00:10<br>Ω 5 10:18<br>Ω 7 18:13<br>Ω 10 00:17<br>Ω 12 04:41<br>Ω 14 07:29<br>Ω 16 09:07<br>Ω 18 10:44<br>Ω 20 14:01<br>Ω 22 20:32<br>Ω 25 06:49<br>Ω 27 19:28<br>March -2937j<br>Ω 2 07:51<br>Ω 4 17:51<br>Ω 7 01:04<br>Ω 9 06:10<br>Ω 11 10:03<br>Ω 13 13:12<br>Ω 15 15:59<br>Ω 17 18:55<br>Ω 19 23:01<br>Ω 22 05:32<br>Ω 24 15:14<br>Ω 27 03:28<br>Ω 29 16:01 |
|---|--|--|--|---|---|---|---|---|--|---|--|

with clock times in UT/GMT. The year -2937 astronomical counting style corresponds to year 2938 B.C.E historical counting style.

|             |              |              |              |              |              |              |              |              |              |              |              |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Apr. -2937j | Nov. -2937j  | May -2936j   | Nov. -2936j  | June -2935j  | Dec. -2935j  | June -2934j  | Jan. -2933j  | July -2933j  | Jan. -2932j  | Aug. -2932j  | Feb. -2931j  |
| ♈ 23 11:14  | ♈ 3 01:24    | ♈ 14 14:58   | ♈ 24 05:05   | ♈ 3 06:00    | ♈ 13 20:41   | ♈ 25 10:22   | ♈ 2 12:26    | ♈ 15 02:18   | ♈ 24 17:31   | ♈ 2 19:06    | ♈ 12 10:46   |
| ♈ 25 23:58  | ♈ 5 13:46    | ♈ 17 02:47   | ♈ 26 16:23   | ♈ 5 18:35    | ♈ 16 08:43   | ♈ 27 21:39   | ♈ 5 00:50    | ♈ 17 14:37   | ♈ 27 05:52   | ♈ 5 08:09    | ♈ 14 23:34   |
| ♈ 28 11:08  | ♈ 7 23:54    | ♈ 19 12:00   | ♈ 29 00:35   | ♈ 8 04:59    | ♈ 18 18:10   | ♈ 30 06:47   | ♈ 7 11:47    | ♈ 20 01:43   | ♈ 29 16:42   | ♈ 7 20:23    | ♈ 17 11:13   |
| ♈ 30 19:00  | ♈ 10 06:35   | ♈ 21 17:56   |              | ♈ 10 12:22   | ♈ 21 01:04   |              | ♈ 9 20:56    | ♈ 22 10:51   |              | ♈ 10 06:38   | ♈ 19 20:33   |
|             | ♈ 12 10:06   | ♈ 23 21:14   | Dec. -2936j  | ♈ 12 17:20   | ♈ 23 06:12   | July -2934j  | ♈ 12 04:07   | ♈ 24 17:22   | Feb. -2932j  | ♈ 12 13:50   | ♈ 22 02:40   |
| May -2937j  | ♈ 14 11:43   | ♈ 25 23:11   | ♈ 1 05:39    | ♈ 14 20:56   | ♈ 25 10:14   | ♈ 2 13:59    | ♈ 14 09:07   | ♈ 26 20:57   | ♈ 1 01:06    | ♈ 14 17:38   | ♈ 24 05:24   |
| ♈ 2 23:20   | ♈ 16 12:59   | ♈ 28 01:11   | ♈ 3 08:44    | ♈ 16 23:58   | ♈ 27 13:25   | ♈ 4 19:24    | ♈ 16 11:53   | ♈ 28 22:09   | ♈ 3 06:30    | ♈ 16 18:37   | ♈ 26 05:36   |
| ♈ 5 01:08   | ♈ 18 15:18   | ♈ 30 04:14   | ♈ 5 11:12    | ♈ 19 02:55   | ♈ 29 15:59   | ♈ 6 23:03    | ♈ 18 13:05   | ♈ 30 22:21   | ♈ 5 08:59    | ♈ 18 18:14   | ♈ 28 04:58   |
| ♈ 7 01:59   | ♈ 20 19:29   |              | ♈ 7 14:02    | ♈ 21 06:08   | ♈ 31 18:41   | ♈ 9 01:09    | ♈ 20 14:06   |              | ♈ 7 09:31    | ♈ 20 18:18   |              |
| ♈ 9 03:22   | ♈ 23 01:51   | June -2936j  | ♈ 9 17:45    | ♈ 23 10:20   |              | ♈ 11 02:32   | ♈ 22 16:42   | Aug. -2933j  | ♈ 9 09:37    | ♈ 22 20:41   | March -2931j |
| ♈ 11 06:28  | ♈ 25 10:23   | ♈ 1 08:52    | ♈ 11 22:34   | ♈ 25 16:38   | Jan. -2934j  | ♈ 13 04:43   | ♈ 24 22:26   | ♈ 1 23:20    | ♈ 11 11:06   | ♈ 25 02:49   | ♈ 2 05:31    |
| ♈ 13 11:57  | ♈ 27 20:55   | ♈ 3 15:18    | ♈ 14 04:55   | ♈ 28 01:55   | ♈ 2 22:46    | ♈ 15 09:25   | ♈ 27 07:51   | ♈ 4 02:52    | ♈ 13 15:34   | ♈ 27 12:49   | ♈ 4 09:07    |
| ♈ 15 19:57  | ♈ 30 09:04   | ♈ 5 23:47    | ♈ 16 13:28   | ♈ 30 13:58   | ♈ 5 05:42    | ♈ 17 17:44   | ♈ 29 19:54   | ♈ 6 10:03    | ♈ 15 23:50   | ♈ 30 01:23   | ♈ 6 16:47    |
| ♈ 18 06:15  |              | ♈ 8 10:26    | ♈ 19 00:36   |              | ♈ 7 16:04    | ♈ 20 05:18   |              | ♈ 8 20:42    | ♈ 18 11:20   |              | ♈ 9 03:59    |
| ♈ 20 18:20  | Dec. -2937j  | ♈ 10 22:44   | ♈ 21 13:21   | July -2935j  | ♈ 10 04:46   | ♈ 22 18:00   | Feb. -2933j  | ♈ 11 09:13   | ♈ 21 00:12   | Sept. -2932j | ♈ 11 16:53   |
| ♈ 23 07:09  | ♈ 2 21:44    | ♈ 13 11:05   | ♈ 24 01:24   | ♈ 3 02:47    | ♈ 12 17:06   | ♈ 25 05:23   | ♈ 1 08:22    | ♈ 13 21:29   | ♈ 23 12:23   | ♈ 1 14:23    | ♈ 14 05:35   |
| ♈ 25 18:59  | ♈ 5 08:58    | ♈ 15 21:10   | ♈ 26 10:17   | ♈ 5 13:36    | ♈ 15 02:46   | ♈ 27 14:09   | ♈ 3 19:14    | ♈ 16 08:06   | ♈ 25 22:39   | ♈ 4 02:15    | ♈ 16 16:56   |
| ♈ 28 04:04  | ♈ 7 16:53    | ♈ 18 03:33   | ♈ 28 15:14   | ♈ 7 20:55    | ♈ 17 09:11   | ♈ 29 20:26   | ♈ 6 03:44    | ♈ 18 16:31   | ♈ 28 06:36   | ♈ 6 12:10    | ♈ 19 02:24   |
| ♈ 30 09:24  | ♈ 9 20:54    | ♈ 20 06:23   | ♈ 30 17:17   | ♈ 10 01:04   | ♈ 19 13:10   |              | ♈ 8 09:59    | ♈ 20 22:47   |              | ♈ 8 19:51    | ♈ 21 09:29   |
|             | ♈ 11 21:54   | ♈ 22 07:08   |              | ♈ 12 03:21   | ♈ 21 16:02   | Aug. -2934j  | ♈ 10 14:30   | ♈ 22 03:04   | March -2932j | ♈ 11 01:05   | ♈ 23 13:48   |
| June -2937j | ♈ 13 21:39   | ♈ 24 07:43   | Jan. -2935j  | ♈ 14 05:31   | ♈ 23 18:45   | ♈ 1 00:58    | ♈ 12 17:43   | ♈ 25 05:45   | ♈ 1 12:19    | ♈ 13 03:53   | ♈ 25 15:31   |
| ♈ 1 11:24   | ♈ 15 22:10   | ♈ 26 09:48   | ♈ 1 18:12    | ♈ 16 08:20   | ♈ 25 21:51   | ♈ 3 04:27    | ♈ 14 20:10   | ♈ 27 07:32   | ♈ 3 16:00    | ♈ 15 04:53   | ♈ 27 15:38   |
| ♈ 3 11:25   | ♈ 18 01:08   | ♈ 28 14:20   | ♈ 3 19:46    | ♈ 18 12:16   | ♈ 28 01:43   | ♈ 5 07:19    | ♈ 16 22:38   | ♈ 29 09:29   | ♈ 5 18:08    | ♈ 17 05:20   | ♈ 29 15:54   |
| ♈ 5 11:20   | ♈ 20 07:19   | ♈ 30 21:24   | ♈ 5 23:06    | ♈ 20 17:32   | ♈ 30 06:55   | ♈ 7 10:02    | ♈ 19 02:09   | ♈ 31 12:58   | ♈ 7 19:31    | ♈ 19 07:01   | ♈ 31 18:20   |
| ♈ 7 12:57   | ♈ 22 16:26   |              | ♈ 8 04:30    | ♈ 23 00:33   |              | ♈ 9 13:25    | ♈ 21 07:52   |              | ♈ 9 21:23    | ♈ 21 11:42   |              |
| ♈ 9 17:34   | ♈ 25 03:33   | July -2936j  | ♈ 10 11:48   | ♈ 25 09:55   | Feb. -2934j  | ♈ 11 18:36   | ♈ 23 16:34   | Sept. -2933j | ♈ 12 01:14   | ♈ 23 20:24   | Apr. -2931j  |
| ♈ 12 01:35  | ♈ 27 15:50   | ♈ 3 06:34    | ♈ 12 20:59   | ♈ 27 21:45   | ♈ 1 14:17    | ♈ 14 02:35   | ♈ 26 03:59   | ♈ 2 19:15    | ♈ 14 08:21   | ♈ 26 08:27   | ♈ 3 00:33    |
| ♈ 14 12:20  | ♈ 30 04:31   | ♈ 5 17:29    | ♈ 15 08:09   | ♈ 30 10:46   | ♈ 4 00:24    | ♈ 16 13:32   | ♈ 28 16:28   | ♈ 5 04:53    | ♈ 16 18:57   | ♈ 28 21:29   | ♈ 5 10:47    |
| ♈ 17 00:41  |              | ♈ 8 05:48    | ♈ 17 20:52   |              | ♈ 6 12:47    | ♈ 19 02:09   |              | ♈ 7 17:00    | ♈ 19 07:37   |              | ♈ 7 23:28    |
| ♈ 19 13:28  | Jan. -2936j  | ♈ 10 18:30   | ♈ 20 09:31   | Aug. -2935j  | ♈ 9 01:29    | ♈ 21 14:00   | March -2933j | ♈ 10 05:28   | ♈ 21 19:52   | Oct. -2932j  | ♈ 10 12:07   |
| ♈ 22 01:36  | ♈ 1 16:24    | ♈ 13 05:39   | ♈ 22 19:37   | ♈ 1 22:25    | ♈ 11 11:56   | ♈ 23 23:07   | ♈ 3 03:43    | ♈ 12 16:03   | ♈ 24 05:48   | ♈ 1 09:08    | ♈ 12 23:07   |
| ♈ 24 11:42  | ♈ 4 01:49    | ♈ 15 13:17   | ♈ 25 01:36   | ♈ 4 06:33    | ♈ 13 18:47   | ♈ 26 04:59   | ♈ 5 12:10    | ♈ 14 23:46   | ♈ 26 12:56   | ♈ 3 18:21    | ♈ 15 08:01   |
| ♈ 26 18:34  | ♈ 6 07:23    | ♈ 17 16:48   | ♈ 27 03:44   | ♈ 6 10:46    | ♈ 15 22:20   | ♈ 28 08:23   | ♈ 7 17:39    | ♈ 17 04:56   | ♈ 28 17:52   | ♈ 6 01:19    | ♈ 17 14:58   |
| ♈ 28 21:48  | ♈ 8 09:10    | ♈ 19 17:14   | ♈ 29 03:44   | ♈ 8 12:17    | ♈ 17 23:58   | ♈ 30 10:34   | ♈ 9 20:57    | ♈ 19 08:29   | ♈ 30 21:28   | ♈ 8 06:36    | ♈ 19 20:01   |
| ♈ 30 22:11  | ♈ 10 08:33   | ♈ 21 16:36   | ♈ 31 03:42   | ♈ 10 12:56   | ♈ 20 01:12   |              | ♈ 11 23:15   | ♈ 21 11:22   |              | ♈ 10 10:30   | ♈ 21 23:08   |
|             | ♈ 12 07:42   | ♈ 23 17:04   |              | ♈ 12 14:22   | ♈ 22 03:21   | Sept. -2934j | ♈ 14 01:38   | ♈ 23 14:15   | Apr. -2932j  | ♈ 12 13:10   | ♈ 24 00:41   |
| July -2937j | ♈ 14 08:49   | ♈ 25 20:17   | Feb. -2935j  | ♈ 14 17:40   | ♈ 24 07:11   | ♈ 1 12:42    | ♈ 16 04:53   | ♈ 25 17:39   | ♈ 2 00:24    | ♈ 14 15:06   | ♈ 26 01:48   |
| ♈ 2 21:25   | ♈ 16 13:30   | ♈ 28 02:55   | ♈ 2 05:26    | ♈ 16 23:14   | ♈ 26 13:08   | ♈ 3 15:41    | ♈ 18 09:34   | ♈ 27 22:09   | ♈ 4 03:06    | ♈ 16 17:23   | ♈ 28 04:09   |
| ♈ 4 21:34   | ♈ 18 22:03   | ♈ 30 12:23   | ♈ 4 09:58    | ♈ 19 07:02   | ♈ 28 21:21   | ♈ 5 20:05    | ♈ 20 16:06   | ♈ 30 04:33   | ♈ 6 06:10    | ♈ 18 21:38   | ♈ 30 09:30   |
| ♈ 7 00:35   | ♈ 21 09:23   |              | ♈ 6 17:22    | ♈ 21 16:59   |              | ♈ 8 02:20    | ♈ 23 00:54   |              | ♈ 8 10:29    | ♈ 21 05:16   |              |
| ♈ 9 07:35   | ♈ 23 21:55   | Aug. -2936j  | ♈ 9 03:09    | ♈ 24 04:54   | March -2934j | ♈ 10 10:49   | ♈ 25 11:59   | Oct. -2933j  | ♈ 10 17:15   | ♈ 23 16:27   | May -2931j   |
| ♈ 11 18:10  | ♈ 26 10:32   | ♈ 1 23:44    | ♈ 11 14:42   | ♈ 26 17:57   | ♈ 3 07:51    | ♈ 12 13:37   | ♈ 28 00:28   | ♈ 2 13:36    | ♈ 13 03:09   | ♈ 26 05:26   | ♈ 2 18:41    |
| ♈ 14 06:42  | ♈ 28 22:26   | ♈ 4 12:07    | ♈ 14 03:28   | ♈ 29 06:20   | ♈ 5 20:11    | ♈ 15 21:05   | ♈ 30 12:20   | ♈ 5 01:15    | ♈ 15 15:31   | ♈ 28 17:19   | ♈ 5 06:50    |
| ♈ 16 19:28  | ♈ 31 08:37   | ♈ 7 00:51    | ♈ 16 16:19   | ♈ 31 15:48   | ♈ 8 09:03    | ♈ 17 22:29   |              | ♈ 7 13:57    | ♈ 18 04:03   | ♈ 31 02:17   | ♈ 7 19:29    |
| ♈ 19 07:23  |              | ♈ 9 12:38    | ♈ 19 03:25   |              | ♈ 10 20:24   | ♈ 20 08:38   | Apr. -2933j  | ♈ 10 01:10   | ♈ 20 14:12   |              | ♈ 10 06:24   |
| ♈ 21 17:46  | Feb. -2936j  | ♈ 11 21:41   | ♈ 21 10:54   | Sept. -2935j | ♈ 13 04:26   | ♈ 22 15:11   | ♈ 1 21:29    | ♈ 12 09:00   | ♈ 22 20:56   | Nov. -2932j  | ♈ 12 14:43   |
| ♈ 24 01:47  | ♈ 2 15:46    | ♈ 14 02:47   | ♈ 23 14:19   | ♈ 2 21:13    | ♈ 15 08:40   | ♈ 24 18:16   | ♈ 4 03:00    | ♈ 14 13:23   | ♈ 25 00:51   | ♈ 2 08:19    | ♈ 14 20:50   |
| ♈ 26 06:42  | ♈ 4 19:14    | ♈ 16 04:10   | ♈ 25 14:42   | ♈ 4 23:05    | ♈ 17 09:59   | ♈ 26 19:12   | ♈ 6 05:28    | ♈ 16 15:33   | ♈ 27 03:21   | ♈ 4 12:28    | ♈ 17 01:23   |
| ♈ 28 08:31  | ♈ 6 19:40    | ♈ 18 03:26   | ♈ 27 13:57   | ♈ 6 22:58    | ♈ 19 10:00   | ♈ 28 19:41   | ♈ 8 06:24    | ♈ 18 17:09   | ♈ 29 05:45   | ♈ 6 15:49    | ♈ 19 04:51   |
| ♈ 30 08:19  | ♈ 8 18:46    | ♈ 20 02:47   |              | ♈ 8 22:50    | ♈ 21 10:31   | ♈ 30 21:25   | ♈ 10 07:32   | ♈ 20 19:36   |              | ♈ 8 18:59    | ♈ 21 07:31   |
|             | ♈ 10 18:47   | ♈ 22 04:19   | March -2935j | ♈ 11 00:26   | ♈ 23 13:04   |              | ♈ 12 10:16   | ♈ 22 10:16   | May -2932j   | ♈ 10 22:13   | ♈ 23 09:57   |
| Aug. -2937j | ♈ 12 21:45   | ♈ 24 09:26   | ♈ 1 14:08    | ♈ 13 04:57   | ♈ 25 18:35   |              | ♈ 14 15:18   | ♈ 25 05:13   | ♈ 1 08:49    | ♈ 13 01:53   | ♈ 25 13:11   |
| ♈ 1 07:58   | ♈ 15 04:49   | ♈ 26 18:15   | ♈ 3 16:56    | ♈ 15 12:40   | ♈ 28 03:10   | Oct. -2934j  | ♈ 16 22:40   | ♈ 27 12:32   | ♈ 3 12:53    | ♈ 15 06:54   | ♈ 27 18:35   |
| ♈ 3 09:40   | ♈ 17 15:29   | ♈ 29 05:41   | ♈ 5 23:14    | ♈ 17 23:06   | ♈ 30 14:11   | ♈ 5 08:23    | ♈ 19 08:05   | ♈ 29 21:47   | ♈ 5 18:13    | ♈ 17 14:22   | ♈ 30 03:12   |
| ♈ 5 15:08   | ♈ 20 04:02   |              | ♈ 8 08:48    | ♈ 20 11:20   |              | ♈ 7 17:40    | ♈ 21 19:17   |              | ♈ 8 01:26    | ♈ 20 00:56   |              |
| ♈ 8 00:44   | ♈ 22 16:37   |              | ♈ 10 20:38   | ♈ 23 00:21   | Apr. -2934j  | ♈ 10 04:50   | ♈ 22 07:46   | Nov. -2933j  | ♈ 10 11:11   | ♈ 22 13:40   | June -2931j  |
| ♈ 10 13:04  | ♈ 25 04:12   | Sept. -2936j | ♈ 13 09:31   | ♈ 25 12:52   | ♈ 2 02:43    | ♈ 12 17:14   | ♈ 26 20:10   | ♈ 1 09:11    | ♈ 12 09:00   | ♈ 25 02:04   | ♈ 1 14:46    |
| ♈ 13 01:50  | ♈ 27 14:11   | ♈ 3 06:46    | ♈ 15 22:16   | ♈ 27 23:21   | ♈ 4 15:37    | ♈ 15 05:54   | ♈ 29 06:26   | ♈ 3 21:59    | ♈ 15 12:12   | ♈ 27 11:37   | ♈ 4 03:28    |
| ♈ 15 13:26  | ♈ 29 21:57   | ♈ 5 18:26    | ♈ 18 09:36   | ♈ 30 06:29   | ♈ 7 03:30    | ♈ 17 17:08   |              | ♈ 6 10:05    | ♈ 17 23:05   | ♈ 31 02:17   | ♈ 6 14:43    |
| ♈ 17 23:20  |              | ♈ 8 04:08    | ♈ 20 18:12   |              | ♈ 9 12:47    | ♈ 20 01:12   |              | ♈ 8 19:01    | ♈ 20 06:14   |              | ♈ 8 23:01    |
| ♈ 20 07:23  | March -2936j | ♈ 10 10:45   | ♈ 22 23:15   | Oct. -2935j  | ♈ 11 18:28   | ♈ 22 05:19   | May -2933j   | ♈ 1 12:55    | ♈ 10 23:47   | Dec. -2932j  | ♈ 11 04:23   |
| ♈ 22 13:18  | ♈ 3 02:52    | ♈ 12 13:56   | ♈ 25 01:03   | ♈ 2 09:54    | ♈ 13 20:39   | ♈ 26 06:10   | ♈ 3 15:35    | ♈ 13 01:16   | ♈ 24 11:10   | ♈ 1 20:38    | ♈ 13 07:49   |
| ♈ 24 16:47  | ♈ 5 04:57    | ♈ 14 14:27   | ♈ 27 00:53   | ♈ 4 10:26    | ♈ 15 20:32   | ♈ 28 05:25   | ♈ 5 15:45    | ♈ 15 01:23   | ♈ 26 12:12   | ♈ 3 22:31    | ♈ 15 20:24   |
| ♈ 26 18:08  | ♈ 7 05:14    | ♈ 16 14:00   | ♈ 29 00:36   | ♈ 6 09:46    | ♈ 17 19:56   | ♈ 30 07:53   | ♈ 7 15:27    | ♈ 17 02:09   | ♈ 28 14:20   | ♈ 6 00:33    | ♈ 17 12:58   |
| ♈ 28 18:36  | ♈ 9 05:28    | ♈ 18 14:37   | ♈ 31 02:02   | ♈ 8 09:51    | ♈ 19 20:51   |              | ♈ 9 16:41    | ♈ 19 05:05   | ♈ 30 18:19   | ♈ 8 03:37    | ♈ 19 16:08   |
| ♈ 30 20:03  | ♈ 11 07:38   | ♈ 20 18:06   |              | ♈ 10 12:31   | ♈ 22 00:55   |              | ♈ 11 20:49   | ♈ 21 10:43   |              | ♈ 10 08:04   | ♈ 21 20:28   |
|             | ♈ 13 13:16   | ♈ 23 01:27   | Apr. -2935j  | ♈ 12 18:56   | ♈ 24 08:51   | Nov. -2934j  | ♈ 14 04:11   | ♈ 23 18:46   | June -2932j  | ♈ 12         |              |

with clock times in UT/GMT. The year -2931 astronomical counting style corresponds to year 2932 B.C.E historical counting style.

|              |              |              |              |             |             |             |              |              |              |             |              |
|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|--------------|
| Aug. -2931j  | March -2930j | Sept. -2930j | March -2929j | Oct. -2929j | Apr. -2928j | Oct. -2928j | May -2927j   | Nov. -2927j  | May -2926j   | Dec. -2926j | June -2925j  |
| ♂ 25 01:17   | ♂ 1 16:01    | ♂ 11 05:48   | ♂ 23 20:01   | ♂ 3 09:42   | ♂ 14 00:01  | ♂ 24 13:56  | ♂ 1 04:46    | ♂ 10 17:28   | ♂ 23 06:23   | ♂ 2 20:27   | ♂ 14 10:41   |
| ♂ 27 13:53   | ♂ 4 03:41    | ♂ 13 17:37   | ♂ 26 08:15   | ♂ 5 22:34   | ♂ 16 12:45  | ♂ 27 02:21  | ♂ 3 15:15    | ♂ 13 04:52   | ♂ 25 18:41   | ♂ 5 09:28   | ♂ 16 23:36   |
| ♂ 30 01:03   | ♂ 6 16:12    | ♂ 16 06:29   | ♂ 28 21:08   | ♂ 8 11:01   | ♂ 19 00:06  | ♂ 29 12:42  | ♂ 6 03:35    | ♂ 15 17:36   | ♂ 28 07:27   | ♂ 7 21:50   | ♂ 19 11:23   |
|              | ♂ 9 04:33    | ♂ 18 18:35   | ♂ 31 08:14   | ♂ 10 20:31  | ♂ 21 08:18  | ♂ 31 19:52  | ♂ 8 15:33    | ♂ 18 05:11   | ♂ 30 18:26   | ♂ 10 08:02  | ♂ 21 21:21   |
| Sept. -2931j | ♂ 11 14:59   | ♂ 21 03:37   |              | ♂ 13 02:03  | ♂ 23 13:10  |             | ♂ 11 01:14   | ♂ 20 14:05   |              | ♂ 12 15:57  | ♂ 24 05:24   |
| ♂ 1 09:14    | ♂ 13 21:52   | ♂ 23 08:23   | Apr. -2929j  | ♂ 15 04:26  | ♂ 25 15:42  | Nov. -2928j | ♂ 13 07:59   | ♂ 22 20:13   | June -2926j  | ♂ 14 22:01  | ♂ 26 11:23   |
| ♂ 3 13:36    | ♂ 16 00:48   | ♂ 25 09:33   | ♂ 2 15:35    | ♂ 17 05:22  | ♂ 27 17:20  | ♂ 3 00:12   | ♂ 15 12:17   | ♂ 25 00:23   | ♂ 2 02:47    | ♂ 17 02:32  | ♂ 28 15:03   |
| ♂ 5 14:35    | ♂ 18 00:51   | ♂ 27 09:02   | ♂ 4 18:59    | ♂ 19 06:32  | ♂ 29 19:18  | ♂ 5 02:49   | ♂ 17 15:09   | ♂ 27 03:33   | ♂ 4 08:47    | ♂ 19 05:35  | ♂ 30 16:39   |
| ♂ 7 13:45    | ♂ 20 00:02   | ♂ 29 09:01   | ♂ 6 19:49    | ♂ 21 09:12  |             | ♂ 7 04:57   | ♂ 19 17:36   | ♂ 29 06:29   | ♂ 6 13:07    | ♂ 21 07:29  |              |
| ♂ 9 13:14    | ♂ 22 00:34   |              | ♂ 8 19:59    | ♂ 23 13:55  | May -2928j  | ♂ 9 07:36   | ♂ 21 20:27   |              | ♂ 8 16:21    | ♂ 23 09:13  | July -2925j  |
| ♂ 11 15:09   | ♂ 24 04:09   | Oct. -2930j  | ♂ 10 21:19   | ♂ 25 20:50  | ♂ 1 22:29   | ♂ 11 11:26  | ♂ 24 00:18   | Dec. -2927j  | ♂ 10 18:54   | ♂ 25 12:23  | ♂ 2 17:16    |
| ♂ 13 20:54   | ♂ 26 11:26   | ♂ 1 11:21    | ♂ 13 00:57   | ♂ 28 05:55  | ♂ 4 03:26   | ♂ 13 16:54  | ♂ 26 05:43   | ♂ 1 09:36    | ♂ 12 17:17   | ♂ 27 18:37  | ♂ 4 18:38    |
| ♂ 16 06:30   | ♂ 28 21:45   | ♂ 3 16:53    | ♂ 15 07:13   | ♂ 30 17:07  | ♂ 6 10:32   | ♂ 16 00:23  | ♂ 28 13:19   | ♂ 3 13:25    | ♂ 15 00:32   | ♂ 30 04:38  | ♂ 6 22:39    |
| ♂ 18 18:34   | ♂ 31 09:44   | ♂ 6 01:25    | ♂ 17 15:54   |             | ♂ 8 19:58   | ♂ 18 10:10  | ♂ 30 23:26   | ♂ 5 18:45    | ♂ 17 06:00   |             | ♂ 9 06:33    |
| ♂ 21 07:23   |              | ♂ 8 12:05    | ♂ 20 02:38   | Nov. -2929j | ♂ 11 07:34  | ♂ 20 22:01  |              | ♂ 8 02:33    | ♂ 19 14:44   | Jan. -2925j | ♂ 11 17:57   |
| ♂ 23 19:48   | Apr. -2930j  | ♂ 11 00:08   | ♂ 22 14:58   | ♂ 2 05:55   | ♂ 13 20:19  | ♂ 23 10:40  | June -2927j  | ♂ 10 13:15   | ♂ 22 02:31   | ♂ 1 17:14   | ♂ 14 06:46   |
| ♂ 26 07:05   | ♂ 2 22:18    | ♂ 13 12:58   | ♂ 25 03:58   | ♂ 4 18:48   | ♂ 16 08:19  | ♂ 25 21:57  | ♂ 2 11:32    | ♂ 13 01:54   | ♂ 24 15:21   | ♂ 4 05:47   | ♂ 16 18:30   |
| ♂ 28 16:20   | ♂ 5 10:38    | ♂ 16 01:29   | ♂ 27 15:47   | ♂ 7 05:33   | ♂ 18 17:31  | ♂ 28 06:01  | ♂ 4 23:53    | ♂ 15 14:02   | ♂ 27 02:33   | ♂ 6 15:57   | ♂ 19 03:58   |
| ♂ 30 22:29   | ♂ 7 21:37    | ♂ 18 11:50   | ♂ 30 00:27   | ♂ 9 12:29   | ♂ 20 23:02  | ♂ 30 10:22  | ♂ 7 10:10    | ♂ 17 23:17   | ♂ 29 10:33   | ♂ 8 23:10   | ♂ 21 11:13   |
|              | ♂ 10 05:50   | ♂ 20 18:20   |              | ♂ 11 15:32  | ♂ 23 01:21  |             | ♂ 9 17:00    | ♂ 20 04:55   |              | ♂ 11 04:09  | ♂ 23 16:44   |
| Oct. -2931j  | ♂ 12 10:19   | ♂ 22 20:47   | May -2929j   | ♂ 13 15:59  | ♂ 25 01:52  | Dec. -2928j | ♂ 11 20:34   | ♂ 22 07:50   | July -2926j  | ♂ 13 07:56  | ♂ 25 20:49   |
| ♂ 3 01:10    | ♂ 14 11:25   | ♂ 24 20:28   | ♂ 2 05:02    | ♂ 15 15:40  | ♂ 27 02:20  | ♂ 2 11:57   | ♂ 13 22:09   | ♂ 24 09:39   | ♂ 1 15:37    | ♂ 15 11:10  | ♂ 27 23:38   |
| ♂ 5 01:11    | ♂ 16 10:41   | ♂ 26 19:30   | ♂ 4 06:16    | ♂ 17 16:28  | ♂ 29 04:19  | ♂ 4 12:27   | ♂ 15 23:26   | ♂ 26 11:50   | ♂ 3 18:56    | ♂ 17 14:09  | ♂ 30 01:43   |
| ♂ 7 00:22    | ♂ 18 10:18   | ♂ 28 20:02   | ♂ 6 05:52    | ♂ 19 19:47  | ♂ 31 08:53  | ♂ 6 13:36   | ♂ 18 01:49   | ♂ 28 15:14   | ♂ 5 21:42    | ♂ 19 17:18  |              |
| ♂ 9 00:57    | ♂ 20 12:21   | ♂ 30 23:47   | ♂ 8 05:49    | ♂ 22 02:20  |             | ♂ 8 16:48   | ♂ 20 06:06   | ♂ 30 20:07   | ♂ 8 00:41    | ♂ 21 21:27  | Aug. -2925j  |
| ♂ 11 04:56   | ♂ 22 18:11   |              | ♂ 10 07:52   | ♂ 24 11:52  | June -2928j | ♂ 10 22:40  | ♂ 22 12:26   |              | ♂ 10 04:11   | ♂ 24 03:47  | ♂ 1 04:06    |
| ♂ 13 13:11   | ♂ 25 03:46   | Nov. -2930j  | ♂ 12 13:04   | ♂ 26 23:34  | ♂ 2 16:22   | ♂ 13 07:02  | ♂ 24 20:45   | Jan. -2926j  | ♂ 12 08:34   | ♂ 26 13:14  | ♂ 3 08:16    |
| ♂ 16 00:51   | ♂ 27 15:43   | ♂ 2 07:18    | ♂ 14 21:31   | ♂ 29 12:26  | ♂ 5 02:25   | ♂ 15 17:25  | ♂ 27 07:01   | ♂ 2 02:31    | ♂ 14 14:35   | ♂ 29 01:23  | ♂ 5 15:30    |
| ♂ 18 13:43   | ♂ 30 04:20   | ♂ 4 17:54    | ♂ 17 08:33   |             | ♂ 7 14:18   | ♂ 18 05:18  | ♂ 29 19:01   | ♂ 4 10:47    | ♂ 16 23:09   | ♂ 31 14:08  | ♂ 8 02:07    |
| ♂ 21 01:57   |              | ♂ 7 06:13    | ♂ 19 21:06   | Dec. -2929j | ♂ 10 03:04  | ♂ 20 17:59  |              | ♂ 6 21:19    | ♂ 19 10:32   |             | ♂ 10 14:40   |
| ♂ 23 12:46   | May -2930j   | ♂ 9 19:01    | ♂ 22 10:03   | ♂ 2 01:20   | ♂ 12 15:26  | ♂ 23 06:02  | July -2927j  | ♂ 9 09:49    | ♂ 21 23:28   | Feb. -2925j | ♂ 13 02:42   |
| ♂ 25 21:52   | ♂ 2 16:26    | ♂ 12 07:21   | ♂ 24 22:03   | ♂ 4 12:46   | ♂ 15 01:45  | ♂ 25 15:31  | ♂ 2 07:42    | ♂ 11 22:30   | ♂ 24 11:16   | ♂ 3 00:51   | ♂ 15 12:13   |
| ♂ 28 04:52   | ♂ 5 03:16    | ♂ 14 18:04   | ♂ 27 07:40   | ♂ 6 21:17   | ♂ 17 08:38  | ♂ 27 21:06  | ♂ 4 18:57    | ♂ 14 08:47   | ♂ 26 19:45   | ♂ 5 08:09   | ♂ 17 18:49   |
| ♂ 30 09:14   | ♂ 7 11:59    | ♂ 17 01:58   | ♂ 29 13:47   | ♂ 9 02:04   | ♂ 19 11:50  | ♂ 29 22:58  | ♂ 7 02:45    | ♂ 16 15:02   | ♂ 29 00:30   | ♂ 7 12:23   | ♂ 19 23:12   |
|              | ♂ 9 17:46    | ♂ 19 06:19   | ♂ 31 16:24   | ♂ 11 03:30  | ♂ 21 12:16  | ♂ 31 22:37  | ♂ 9 06:33    | ♂ 18 17:37   | ♂ 31 02:44   | ♂ 9 14:52   | ♂ 22 02:20   |
| Nov. -2931j  | ♂ 11 20:27   | ♂ 21 07:32   | June -2929j  | ♂ 13 03:00  | ♂ 23 11:40  | Jan. -2927j | ♂ 11 07:25   | ♂ 20 18:11   | Aug. -2926j  | ♂ 11 16:54  | ♂ 24 05:04   |
| ♂ 1 11:04    | ♂ 13 20:54   | ♂ 23 07:07   | ♂ 2 16:37    | ♂ 15 02:29  | ♂ 25 12:03  | ♂ 2 22:07   | ♂ 13 07:18   | ♂ 22 18:45   | ♂ 2 04:09    | ♂ 13 13:30  | ♂ 26 07:59   |
| ♂ 3 11:23    | ♂ 15 20:48   | ♂ 25 07:01   | ♂ 4 16:09    | ♂ 17 03:55  | ♂ 27 15:12  | ♂ 4 23:32   | ♂ 15 08:13   | ♂ 24 20:54   | ♂ 4 06:11    | ♂ 15 23:12  | ♂ 28 11:39   |
| ♂ 5 11:59    | ♂ 17 22:09   | ♂ 27 09:09   | ♂ 6 16:54    | ♂ 19 08:51  | ♂ 29 22:02  | ♂ 7 04:18   | ♂ 17 11:37   | ♂ 27 01:29   | ♂ 6 09:38    | ♂ 18 04:24  | ♂ 30 16:49   |
| ♂ 7 14:56    | ♂ 20 02:37   | ♂ 29 14:54   | ♂ 8 20:30    | ♂ 21 17:42  | July -2928j | ♂ 9 12:35   | ♂ 19 17:59   | ♂ 29 08:27   | ♂ 8 14:47    | ♂ 22 21:16  | Sept. -2925j |
| ♂ 9 21:40    | ♂ 22 10:57   |              | ♂ 11 03:51   | ♂ 24 05:33  | ♂ 2 08:12   | ♂ 11 23:28  | ♂ 22 02:54   | ♂ 31 17:29   | ♂ 10 21:44   | ♂ 25 09:12  | ♂ 2 00:18    |
| ♂ 12 08:13   | ♂ 24 22:20   | Dec. -2930j  | ♂ 13 14:33   | ♂ 26 18:35  | ♂ 4 20:24   | ♂ 14 11:40  | ♂ 24 13:39   | Feb. -2926j  | ♂ 13 06:47   | ♂ 15 18:08  | ♂ 4 10:30    |
| ♂ 14 20:51   | ♂ 27 10:55   | ♂ 2 00:27    | ♂ 16 03:12   | ♂ 31 18:38  | ♂ 7 09:12   | ♂ 17 00:20  | ♂ 27 01:44   | ♂ 3 04:24    | ♂ 15 18:08   | ♂ 18 07:05  | ♂ 6 22:48    |
| ♂ 17 09:08   | ♂ 29 22:52   | ♂ 4 12:37    | ♂ 18 16:03   |             | ♂ 9 21:31   | ♂ 19 12:35  | ♂ 29 14:31   | ♂ 5 16:53    | ♂ 20 19:34   | ♂ 21 23:05  | ♂ 9 11:14    |
| ♂ 19 19:33   |              | ♂ 7 01:28    | ♂ 21 03:47   | Jan. -2928j | ♂ 12 08:23  | ♂ 21 23:05  | Aug. -2927j  | ♂ 8 05:51    | ♂ 22 05:12   | ♂ 2 09:35   | ♂ 11 21:31   |
| ♂ 21 09:50   | June -2930j  | ♂ 9 13:27    | ♂ 23 13:28   | ♂ 3 03:50   | ♂ 14 16:38  | ♂ 24 06:21  | ♂ 1 02:32    | ♂ 10 17:09   | ♂ 23 05:12   | ♂ 4 17:47   | ♂ 14 04:23   |
| ♂ 24 10:15   | ♂ 1 09:10    | ♂ 11 23:40   | ♂ 25 20:32   | ♂ 5 10:12   | ♂ 16 21:28  | ♂ 26 09:41  | ♂ 3 11:45    | ♂ 13 00:48   | ♂ 25 10:45   | ♂ 6 22:18   | ♂ 16 08:04   |
| ♂ 26 14:57   | ♂ 3 17:27    | ♂ 14 07:39   | ♂ 28 00:45   | ♂ 7 13:29   | ♂ 18 22:59  | ♂ 28 09:52  | ♂ 5 16:51    | ♂ 15 04:15   | ♂ 27 12:51   | ♂ 9 00:04   | ♂ 18 09:49   |
| ♂ 28 18:06   | ♂ 5 23:31    | ♂ 16 13:07   | ♂ 30 02:28   | ♂ 9 14:13   | ♂ 20 22:30  | ♂ 30 08:48  | ♂ 7 18:12    | ♂ 17 04:42   | ♂ 29 13:09   | ♂ 11 00:43  | ♂ 20 11:09   |
| ♂ 30 20:06   | ♂ 8 03:19    | ♂ 18 16:08   |              | ♂ 11 13:50  | ♂ 22 21:57  |             | ♂ 9 17:31    | ♂ 19 04:09   | ♂ 31 13:33   | ♂ 13 01:49  | ♂ 22 13:22   |
|              | ♂ 10 05:17   | ♂ 20 17:23   | July -2929j  | ♂ 13 14:15  | ♂ 24 23:31  | Feb. -2927j | ♂ 11 17:00   | ♂ 21 04:38   | Sept. -2926j | ♂ 15 04:39  | ♂ 24 17:22   |
| Dec. -2931j  | ♂ 12 06:25   | ♂ 22 18:06   | ♂ 2 02:47    | ♂ 15 17:29  | ♂ 27 04:52  | ♂ 3 11:43   | ♂ 13 18:43   | ♂ 24 20:54   | ♂ 2 04:09    | ♂ 17 09:57  | ♂ 26 23:31   |
| ♂ 2 22:00    | ♂ 14 08:12   | ♂ 24 19:54   | ♂ 4 03:17    | ♂ 18 00:49  | ♂ 29 14:18  | ♂ 5 18:43   | ♂ 15 23:54   | ♂ 27 23:10   | ♂ 4 20:13    | ♂ 19 17:51  | ♂ 29 07:52   |
| ♂ 5 01:15    | ♂ 16 12:09   | ♂ 27 00:23   | ♂ 6 05:45    | ♂ 20 11:59  |             | ♂ 8 05:15   | ♂ 18 08:32   |              | ♂ 7 03:32    | ♂ 22 04:07  | Oct. -2925j  |
| ♂ 7 07:18    | ♂ 18 19:24   | ♂ 29 08:30   | ♂ 8 11:40    | ♂ 23 01:01  | Aug. -2928j | ♂ 10 17:38  | ♂ 20 19:35   | March -2926j | ♂ 9 13:16    | ♂ 24 06:12  | ♂ 1 18:18    |
| ♂ 9 16:46    | ♂ 21 05:57   | ♂ 31 19:55   | ♂ 10 21:26   | ♂ 25 13:37  | ♂ 1 02:28   | ♂ 13 06:19  | ♂ 23 07:54   | ♂ 2 10:31    | ♂ 12 00:57   | ♂ 27 15:07  | ♂ 4 06:27    |
| ♂ 12 04:50   | ♂ 23 18:19   |              | ♂ 13 09:52   | ♂ 28 00:30  | ♂ 3 15:18   | ♂ 15 18:21  | ♂ 25 20:35   | ♂ 4 23:10    | ♂ 14 13:52   | ♂ 29 17:13  | ♂ 6 19:08    |
| ♂ 14 17:16   | ♂ 26 06:21   | Jan. -2929j  | ♂ 15 22:42   | ♂ 30 09:20  | ♂ 6 03:22   | ♂ 18 05:01  | ♂ 28 08:44   | ♂ 6 04:44    | ♂ 16 23:05   | Apr. -2925j | ♂ 9 06:28    |
| ♂ 17 03:52   | ♂ 28 16:21   | ♂ 3 08:45    | ♂ 18 10:02   |             | ♂ 8 14:01   | ♂ 20 13:17  | ♂ 30 18:55   | ♂ 8 03:53    | ♂ 18 15:02   | ♂ 1 02:40   | ♂ 11 14:34   |
| ♂ 19 11:40   | ♂ 30 23:49   | ♂ 5 20:40    | ♂ 20 19:08   | Feb. -2928j | ♂ 10 22:45  | ♂ 13 04:58  |              | ♂ 10 17:00   | ♂ 20 19:35   | ♂ 3 08:23   | ♂ 13 18:48   |
| ♂ 21 16:58   |              | ♂ 8 06:17    | ♂ 23 02:01   | ♂ 1 16:07   | ♂ 12 03:29  | ♂ 15 08:14  | Sept. -2927j | ♂ 2 01:42    | ♂ 22 00:16   | ♂ 5 10:36   | ♂ 15 19:59   |
| ♂ 23 20:37   | July -2930j  | ♂ 10 13:24   | ♂ 25 06:57   | ♂ 3 20:44   | ♂ 17 09:02  | ♂ 19 08:50  | ♂ 4 04:38    | ♂ 6 04:44    | ♂ 27 23:40   | ♂ 7 10:40   | ♂ 17 19:50   |
| ♂ 25 23:28   | ♂ 3 05:05    | ♂ 12 18:30   | ♂ 27 10:09   | ♂ 5 23:11   | ♂ 21 09:41  | ♂ 23 13:36  | ♂ 8 03:53    | ♂ 10 17:00   | ♂ 29 23:59   | ♂ 9 10:22   | ♂ 19 20:18   |
| ♂ 28 02:13   | ♂ 5 08:46    | ♂ 14 22:10   | ♂ 29 12:01   | ♂ 8 00:07   | ♂ 25 21:57  | ♂ 28 09:52  | ♂ 12 00:57   | ♂ 14 13:55   | ♂ 31 13:33   | ♂ 11 11:35  | ♂ 21 23:04   |
| ♂ 30 05:29   | ♂ 7 11:32    | ♂ 17 00:51   | ♂ 31 13:26   | ♂ 10 00:56  | ♂ 29 14:18  |             | ♂ 13 07:18   | ♂ 16 15:28   |              | ♂ 13 15:44  | ♂ 24 05:01   |
|              | ♂ 9 14:01    | ♂ 19 03:08   | Aug. -2929j  | ♂ 12 03:29  | ♂ 15 17:29  | ♂ 18 00:49  | ♂ 20 19:35   | ♂ 18 08:32   | ♂ 22 00:16   | ♂ 1         |              |

with clock times in UT/GMT. The year -2925 astronomical counting style corresponds to year 2926 B.C.E historical counting style.

|   |   |   |  |  |   |   |  |   |   |   |
|---|---|---|--|--|---|---|--|---|---|---|
| Dec. -2925j<br>Ω 25 01:42<br>Π 27 14:17<br>Θ 30 01:48 | July -2924j<br>Ω 3 03:18<br>Π 5 15:51<br>Θ 8 04:25<br>Ω 10 16:07<br>Π 13 01:57<br>Θ 15 08:49<br>Ω 17 12:17<br>Π 19 12:59<br>Θ 21 12:33<br>Ω 23 13:01<br>Π 25 16:14<br>Θ 27 23:16<br>Ω 30 09:49<br>Aug. -2924j<br>Π 1 22:17<br>Θ 4 10:47<br>Ω 6 22:02<br>Π 9 07:25<br>Θ 11 14:13<br>Ω 13 19:13<br>Π 15 21:36<br>Θ 17 22:37<br>Ω 19 23:39<br>Π 22 02:22<br>Θ 24 08:11<br>Ω 26 17:35<br>Π 29 05:38<br>Θ 31 18:11 | Jan. -2923j<br>Π 12 18:21<br>Θ 15 07:05<br>Ω 17 19:46<br>Π 20 07:15<br>Θ 22 16:12<br>Ω 24 21:43<br>Π 26 23:53<br>Θ 28 23:53<br>Ω 30 23:30<br>Feb. -2923j<br>Π 2 00:43<br>Θ 4 05:04<br>Ω 6 13:15<br>Π 9 00:36<br>Θ 11 13:25<br>Ω 14 01:57<br>Π 16 12:59<br>Θ 18 21:51<br>Ω 21 04:10<br>Π 23 07:53<br>Θ 25 09:30<br>Ω 27 10:07<br>March -2923j<br>Π 1 11:16<br>Θ 3 14:35<br>Ω 5 21:22<br>Π 8 07:47<br>Θ 10 20:24<br>Ω 13 08:55<br>Π 15 19:33<br>Θ 18 03:41<br>Ω 20 09:36<br>Π 22 13:46<br>Θ 24 16:38<br>Ω 26 18:44<br>Π 28 20:53<br>Θ 31 00:20<br>Apr. -2923j<br>Π 2 06:24<br>Θ 4 12:02<br>Ω 6 20:54<br>Π 9 00:38<br>Θ 11 06:07<br>Ω 13 14:07<br>Π 16 00:48<br>Θ 18 13:09<br>Ω 21 01:06<br>Π 23 10:33<br>Θ 25 16:40<br>Ω 27 19:59<br>Π 29 21:49<br>Θ 31 23:34 | July -2923j<br>Ω 25 08:46<br>Π 27 21:49<br>Θ 30 10:28<br>Aug. -2923j<br>Π 1 21:10<br>Θ 4 04:30<br>Ω 6 08:06<br>Π 8 08:46<br>Θ 10 08:08<br>Ω 12 08:09<br>Π 14 10:36<br>Θ 16 16:43<br>Ω 19 02:31<br>Π 21 14:49<br>Θ 23 03:53<br>Ω 26 16:16<br>Π 29 02:59<br>Θ 31 11:15<br>Sept. -2923j<br>Π 2 16:32<br>Θ 4 18:57<br>Ω 6 19:19<br>Π 8 19:13<br>Θ 10 20:30<br>Ω 13 00:57<br>Π 15 09:30<br>Θ 17 21:23<br>Ω 20 10:29<br>Π 22 22:37<br>Θ 24 08:44<br>Ω 27 16:42<br>Π 29 22:38<br>Oct. -2923j<br>Π 2 02:35<br>Θ 4 04:44<br>Ω 6 05:49<br>Π 8 07:16<br>Θ 10 10:50<br>Ω 12 18:01<br>Π 15 05:01<br>Θ 17 17:58<br>Ω 20 06:11<br>Π 22 15:51<br>Θ 24 22:53<br>Ω 27 04:03<br>Π 29 08:07<br>Θ 31 11:24<br>Nov. -2923j<br>Π 2 14:05<br>Θ 4 16:48<br>Ω 6 20:46<br>Π 8 21:59<br>Θ 10 03:24<br>Ω 12 15:51<br>Π 14 10:55<br>Θ 16 15:51<br>Ω 18 19:14<br>Π 20 22:07<br>Θ 23 01:05<br>Ω 25 04:29<br>Π 27 08:52<br>Θ 29 15:09 | Feb. -2922j<br>Ω 1 11:55<br>Π 4 00:22<br>Θ 6 13:16<br>Π 9 01:18<br>Θ 11 10:56<br>Ω 13 17:02<br>Π 15 19:36<br>Θ 17 19:41<br>Ω 19 19:03<br>Π 21 19:42<br>Θ 23 23:22<br>Ω 26 06:53<br>Π 28 17:45<br>March -2922j<br>Π 3 06:27<br>Θ 5 19:19<br>Ω 8 07:14<br>Π 10 17:17<br>Θ 13 00:41<br>Ω 15 04:54<br>Π 17 06:14<br>Θ 19 05:55<br>Ω 21 05:50<br>Π 23 08:01<br>Θ 25 14:02<br>Ω 28 00:05<br>Π 30 12:40<br>Apr. -2922j<br>Π 2 01:32<br>Θ 4 13:07<br>Ω 6 22:51<br>Π 9 06:32<br>Θ 11 11:54<br>Ω 13 14:50<br>Π 15 15:49<br>Θ 17 16:13<br>Ω 19 17:53<br>Π 21 22:42<br>Ω 24 07:34<br>Π 26 19:36<br>Θ 29 08:26<br>May -2922j<br>Π 1 19:50<br>Θ 4 04:58<br>Ω 6 12:02<br>Π 8 17:24<br>Θ 10 21:11<br>Ω 12 23:34<br>Π 15 01:14<br>Θ 17 03:31<br>Ω 19 08:02<br>Π 21 16:02<br>Θ 24 03:22<br>Ω 26 16:05<br>Π 29 03:38<br>Θ 31 12:32<br>June -2922j<br>Π 2 18:46<br>Θ 4 23:11<br>Ω 6 02:33<br>Π 8 19:55<br>Θ 10 08:11<br>Ω 13 11:39<br>Π 15 16:48<br>Θ 18 00:40<br>Ω 20 11:29<br>Π 23 00:05<br>Θ 25 12:05<br>Ω 27 21:23<br>Π 30 03:24<br>July -2922j<br>Π 2 06:48<br>Θ 4 08:54<br>Ω 6 10:53<br>Π 8 13:41<br>Θ 10 17:56<br>Ω 13 00:05<br>Π 15 08:30<br>Θ 17 19:18<br>Π 20 07:48<br>Ω 22 20:17<br>Π 25 06:36<br>Θ 27 13:20<br>Ω 29 16:35<br>Π 31 17:36<br>Aug. -2922j<br>Π 2 18:02<br>Θ 4 19:33<br>Ω 6 23:21<br>Θ 9 05:55<br>Ω 11 15:05 | Aug. -2922j<br>Ω 14 02:16<br>Π 16 14:46<br>Θ 19 03:31<br>Π 21 14:50<br>Θ 23 23:02<br>Ω 26 03:21<br>Π 28 04:23<br>Θ 30 03:47<br>Sept. -2922j<br>Π 1 03:37<br>Θ 3 05:48<br>Ω 5 11:32<br>Π 7 20:47<br>Ω 10 08:24<br>Π 12 21:03<br>Θ 15 09:43<br>Π 17 21:27<br>Ω 20 06:59<br>Π 22 13:05<br>Θ 24 15:30<br>Π 26 15:14<br>Ω 28 14:13<br>Θ 30 14:44<br>Oct. -2922j<br>Π 2 18:42<br>Θ 5 02:53<br>Ω 7 14:22<br>Π 10 03:10<br>Θ 12 15:41<br>Π 15 03:08<br>Ω 17 12:58<br>Π 19 20:23<br>Θ 22 00:41<br>Π 24 02:00<br>Ω 26 01:39<br>Θ 28 01:39<br>Π 30 04:10<br>Nov. -2922j<br>Π 1 10:41<br>Θ 3 21:09<br>Ω 6 09:49<br>Π 8 22:19<br>Θ 11 09:20<br>Ω 13 18:32<br>Π 16 01:53<br>Θ 18 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-2919j<br>Π 2 16:57<br>Θ 4 22:37<br>Ω 6 08:27<br>Π 8 21:03<br>Θ 10 29:55<br>Ω 12 01:08<br>Π 14 13:09<br>Θ 16 06:08<br>Ω 18 21:82<br>Π 21 18:21<br>Θ 23 21:47<br>Ω 25 23:39<br>Ω 28 00:54<br>March -2919j<br>Π 2 03:05<br>Θ 4 07:59<br>Ω 6 16:40<br>Π 8 04:35<br>Θ 11 17:24<br>Ω 14 04:38<br>Π 16 13:09<br>Θ 18 19:16<br>Ω 20 23:47<br>Ω 23 03:18<br>Π 25 06:09<br>Ω 27 08:45<br>Π 29 11:59<br>Ω 31 17:09<br>Apr. -2919j<br>Π 3 01:22<br>Θ 5 12:39<br>Ω 8 01:23<br>Π 10 12:58<br>Θ 12 21:37<br>Ω 15 03:09<br>Π 17 06:34<br>Θ 19 09:02<br>Ω 21 11:31<br>Π 23 14:38<br>Ω 25 18:55<br>Π 28 01:00<br>Ω 30 09:31<br>May -2919j<br>Π 2 20:35<br>Θ 5 09:14<br>Ω 7 21:20<br>Π 10 06:45<br>Ω 12 12:35<br>Π 14 15:25<br>Ω 16 16:38<br>Θ 18 17:46<br>Ω 20 20:06<br>Π 23 00:30<br>Ω 25 07:18<br>Π 27 16:30<br>Ω 30 03:48<br>June -2919j<br>Π 1 16:25<br>Θ 4 04:56<br>Ω 6 15:23<br>Π 8 22:21<br>Θ 11 01:39<br>Ω 13 02:21<br>Π 15 02:10<br>Θ 17 02:57<br>Ω 19 06:15<br>Π 21 12:50<br>Ω 23 22:28<br>Π 26 10:10<br>Ω 28 22:51<br>July -2919j<br>Π 1 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|---|---|---|--|--|---|---|--|---|---|---|



with clock times in UT/GMT. The year -2918 astronomical counting style corresponds to year 2919 B.C.E historical counting style.

|              |              |              |              |              |              |              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Apr. -2918j  | Nov. -2918j  | May -2917j   | Nov. -2917j  | June -2916j  | Dec. -2916j  | June -2915j  | Jan. -2914j  | July -2914j  | Jan. -2913j  | Aug. -2913j  | Feb. -2912j  |
| 25 03:57     | 2 06:14      | 14 19:23     | 24 09:31     | 2 12:03      | 13 02:51     | 24 17:14     | 1 20:59      | 14 10:53     | 24 01:55     | 3 05:24      | 12 20:03     |
| 27 16:14     | 4 17:31      | 17 07:35     | 26 22:29     | 5 00:04      | 15 15:15     | 27 05:34     | 4 08:15      | 16 22:29     | 26 13:52     | 5 15:51      | 15 06:33     |
| 30 04:23     | 7 06:15      | 19 20:29     | 29 11:09     | 7 13:02      | 18 03:55     | 29 18:16     | 6 20:44      | 19 11:23     | 29 02:46     | 8 04:03      | 17 18:41     |
|              | 9 18:09      | 22 08:04     |              | 10 01:16     | 20 15:53     |              | 9 09:36      | 22 00:18     |              | 10 16:49     | 20 07:09     |
| May -2918j   | 12 03:50     | 24 17:22     | Dec. -2917j  | 12 11:59     | 23 02:33     | July -2915j  | 11 21:34     | 24 11:18     |              | 13 04:14     | 22 17:50     |
| 2 14:36      | 14 11:04     | 27 00:20     | 1 22:06      | 14 20:45     | 25 11:03     | 2 06:25      | 14 06:55     | 26 18:44     | Feb. -2913j  | 15 12:29     | 25 01:02     |
| 4 22:15      | 16 16:16     | 29 05:17     | 4 06:58      | 17 03:05     | 27 16:29     | 4 16:45      | 16 12:27     | 28 22:12     | 3 00:53      | 17 16:54     | 27 04:29     |
| 7 03:36      | 18 19:59     | 31 08:33     | 6 13:50      | 19 06:38     | 29 18:39     | 6 23:51      | 18 14:21     | 30 22:44     | 5 07:00      | 19 18:15     | 29 05:22     |
| 9 07:19      | 20 22:46     |              | 8 18:38      | 21 07:44     | 31 18:36     | 9 03:08      | 20 13:59     |              | 7 09:31      | 21 18:09     |              |
| 11 10:04     | 23 01:07     | June -2917j  | 10 21:21     | 23 07:41     |              | 11 03:27     | 22 13:23     | Aug. -2914j  | 9 09:41      | 23 18:31     | March -2912j |
| 13 12:33     | 25 03:54     | 2 10:33      | 12 22:32     | 25 08:26     | Jan. -2915j  | 13 02:37     | 24 14:32     | 1 22:07      | 11 09:19     | 25 21:00     | 2 05:31      |
| 15 15:32     | 27 08:17     | 4 12:07      | 14 23:25     | 27 11:59     | 2 18:11      | 15 02:48     | 26 18:56     | 3 22:19      | 13 10:16     | 28 02:37     | 4 06:49      |
| 17 19:55     | 29 15:26     | 6 14:31      | 17 01:50     | 29 19:35     | 4 19:37      | 17 05:53     | 29 03:04     | 6 00:59      | 15 14:05     | 30 11:20     | 6 10:36      |
| 20 02:40     |              | 8 19:17      | 19 07:33     |              | 7 00:38      | 19 12:52     | 31 14:12     | 8 07:06      | 17 21:24     |              | 8 17:17      |
| 22 12:16     | Dec. -2918j  | 11 03:34     | 21 17:16     | July -2916j  | 9 09:46      | 21 23:18     |              | 10 16:35     | 20 07:49     | Sept. -2913j | 11 02:27     |
| 25 00:11     | 2 01:49      | 13 15:07     | 24 05:51     | 2 06:51      | 11 21:45     | 24 11:40     | Feb. -2914j  | 13 04:30     | 22 21:07     | 1 22:21      | 13 13:24     |
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| 29 23:07     | 7 02:37      | 18 15:35     | 29 05:19     | 7 07:50      | 16 22:13     | 29 12:07     | 5 15:38      | 18 06:17     | 27 21:22     | 6 23:28      | 18 14:11     |
|              | 9 12:20      | 21 00:23     | 31 13:25     | 9 18:02      | 19 08:19     | 31 22:21     | 8 03:20      | 20 17:37     |              | 9 11:30      | 21 01:43     |
| June -2918j  | 11 18:49     | 23 06:27     |              | 12 12:04     | 21 16:32     |              | 10 12:59     | 23 02:17     | March -2913j | 11 21:10     | 23 10:15     |
| 1 06:33      | 13 22:46     | 25 10:43     | Jan. -2916j  | 14 08:35     | 23 22:35     | Aug. -2915j  | 12 19:44     | 25 07:31     | 2 07:54      | 14 03:12     | 25 14:47     |
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| 5 13:32      | 18 04:12     | 29 17:01     | 5 00:02      | 18 15:42     | 28 03:50     | 5 11:01      | 17 00:27     | 29 09:26     | 6 19:33      | 18 05:08     | 29 15:12     |
| 7 15:31      | 20 07:28     |              | 7 03:35      | 20 17:04     | 30 04:35     | 7 13:02      | 19 00:25     | 31 08:59     | 8 20:37      | 20 04:13     | 31 14:59     |
| 9 18:06      | 22 11:37     | July -2917j  | 9 06:16      | 22 18:31     |              | 9 13:19      | 21 01:01     |              | 10 20:05     | 22 04:55     |              |
| 11 21:56     | 24 17:01     | 1 19:55      | 11 08:35     | 24 21:47     | Feb. -2915j  | 11 13:36     | 23 04:01     | Sept. -2914j | 12 19:52     | 24 08:59     | Apr. -2912j  |
| 14 03:24     | 27 00:21     | 3 23:22      | 13 11:42     | 27 04:24     | 1 06:09      | 13 15:45     | 25 10:37     | 2 10:08      | 14 21:59     | 26 17:02     | 2 17:13      |
| 16 10:46     | 29 10:17     | 6 04:25      | 15 17:07     | 29 14:42     | 3 10:19      | 15 21:15     | 27 20:53     | 4 14:33      | 17 03:55     | 29 04:13     | 4 22:58      |
| 18 20:20     | 31 22:32     | 8 12:13      | 18 01:57     |              | 5 18:07      | 18 06:31     |              | 6 22:59      | 19 13:45     |              | 7 08:04      |
| 21 08:01     |              | 10 23:12     | 20 13:52     | Aug. -2916j  | 8 05:15      | 20 18:30     | March -2914j | 9 10:41      | 22 02:08     | Oct. -2913j  | 9 19:22      |
| 23 20:37     | Jan. -2917j  | 13 12:01     | 23 02:43     | 1 03:15      | 10 17:49     | 23 07:09     | 2 09:26      | 11 23:45     | 24 15:06     | 1 16:49      | 12 07:45     |
| 26 07:57     | 3 11:13      | 16 00:01     | 25 13:45     | 3 15:29      | 13 05:36     | 25 18:41     | 4 22:09      | 14 12:18     | 27 03:12     | 4 05:30      | 14 20:19     |
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| 30 20:18     | 8 04:23      | 20 14:27     | 30 02:43     | 8 08:57      | 17 22:39     | 30 11:35     | 9 18:34      | 19 08:04     | 31 21:55     | 9 03:50      | 19 17:45     |
|              | 10 07:37     | 22 17:34     |              | 10 14:22     | 20 04:02     |              | 12 01:22     | 21 14:28     |              | 11 11:29     | 21 23:49     |
| July -2918j  | 12 08:58     | 24 19:49     | Feb. -2916j  | 12 18:25     | 22 07:50     | Sept. -2915j | 14 05:56     | 23 18:16     | Apr. -2913j  | 13 15:35     | 24 02:09     |
| 2 21:51      | 14 10:14     | 26 22:22     | 1 06:08      | 14 21:34     | 24 10:30     | 1 16:49      | 16 08:35     | 25 19:50     | 3 03:27      | 15 16:30     | 26 01:53     |
| 4 22:26      | 16 12:49     | 29 01:48     | 3 08:58      | 17 00:12     | 26 12:49     | 3 20:10      | 18 09:59     | 27 20:11     | 5 06:06      | 17 15:41     | 28 01:04     |
| 6 23:51      | 18 17:17     | 31 06:19     | 5 11:53      | 19 03:00     | 28 15:26     | 5 22:08      | 20 11:19     | 29 20:57     | 7 06:35      | 19 15:20     | 30 01:53     |
| 9 03:20      | 20 23:37     |              | 7 15:15      | 21 07:04     |              | 7 23:41      | 22 13:59     |              | 9 06:25      | 21 17:39     |              |
| 11 09:18     | 23 07:47     | Aug. -2917j  | 9 19:35      | 23 13:36     | March -2915j | 10 02:09     | 24 19:32     | Oct. -2914j  | 11 07:38     | 24 00:04     | May -2912j   |
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| 16 03:30     | 28 06:05     | 4 20:26      | 14 10:30     | 28 11:22     | 5 03:10      | 14 15:04     | 29 16:45     | 4 06:58      | 15 20:43     | 28 23:04     | 4 14:09      |
| 18 15:11     | 30 19:03     | 7 07:11      | 16 21:59     | 30 23:51     | 7 13:29      | 17 02:19     |              | 6 17:46      | 18 08:39     | 31 11:45     | 7 01:16      |
| 21 03:55     |              | 9 19:55      | 19 10:51     |              | 10 01:46     | 20 14:57     | Apr. -2914j  | 9 06:44      | 20 21:35     |              | 9 13:44      |
| 23 16:02     | Feb. -2917j  | 12 08:30     | 22 22:31     | Sept. -2916j | 12 13:49     | 22 02:38     | 1 05:31      | 11 19:15     | 23 29:28     | Nov. -2913j  | 12 02:13     |
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| 28 06:36     | 4 14:20      | 17 00:11     | 26 11:57     | 4 17:41      | 17 06:30     | 26 18:05     | 6 01:07      | 16 13:44     | 28 03:22     | 5 09:22      | 16 23:41     |
| 30 08:08     | 6 18:01      | 19 02:45     | 28 14:24     | 6 22:10      | 19 10:47     | 28 22:23     | 8 07:05      | 18 19:52     | 30 09:22     | 7 17:28      | 19 06:51     |
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| Aug. -2918j  | 10 18:40     | 23 04:46     | March -2916j | 11 03:04     | 23 15:54     | Oct. -2915j  | 12 14:33     | 23 03:35     | May -2913j   | 12 01:50     | 23 11:52     |
| 1 07:45      | 12 19:35     | 25 07:17     | 1 15:48      | 13 05:40     | 25 18:41     | 1 01:35      | 14 17:13     | 25 05:35     | 2 13:18      | 14 02:28     | 25 11:38     |
| 3 07:36      | 14 22:54     | 27 11:51     | 3 17:34      | 15 09:21     | 27 22:33     | 3 04:26      | 16 19:51     | 27 07:21     | 4 15:18      | 16 02:34     | 27 12:02     |
| 5 09:36      | 17 05:03     | 29 18:35     | 5 20:37      | 17 14:37     | 30 04:02     | 5 07:28      | 18 23:17     | 29 10:23     | 6 16:14      | 18 04:11     | 29 14:59     |
| 7 14:49      | 19 13:45     |              | 8 01:32      | 19 21:54     |              | 7 11:13      | 21 04:42     | 31 16:19     | 8 17:40      | 20 09:07     | 31 21:39     |
| 9 23:07      | 22 00:28     | Sept. -2917j | 10 08:35     | 22 07:34     | Apr. -2915j  | 9 16:29      | 23 13:09     |              | 10 21:27     | 22 18:06     |              |
| 12 09:40     | 24 12:45     | 1 03:28      | 12 17:57     | 24 19:23     | 1 11:39      | 12 00:10     | 26 00:39     | Nov. -2914j  | 13 04:57     | 25 06:07     | June -2912j  |
| 14 17:37     | 26 01:47     | 3 14:28      | 15 05:30     | 27 08:04     | 3 21:41      | 14 10:43     | 16 23:15     | 3 02:02      | 15 16:02     | 27 18:50     | 3 07:55      |
| 17 10:19     |              | 6 03:10      | 17 18:20     | 29 19:28     | 6 09:42      | 16 23:15     | 19 11:27     | 5 14:33      | 18 04:49     | 30 06:14     | 5 20:14      |
| 19 22:47     | March -2917j | 8 16:07      | 20 06:36     |              | 8 22:07      | 19 11:27     | 21 20:56     | 8 03:16      | 20 16:42     |              | 8 08:40      |
| 22 09:17     | 1 13:54      | 11 03:06     | 22 16:11     | Oct. -2916j  | 11 08:39     | 21 20:56     | 24 02:49     | 10 13:40     | 23 02:16     | Dec. -2913j  | 10 19:52     |
| 24 16:08     | 3 23:04      | 13 10:18     | 24 22:01     | 2 03:41      | 13 15:47     | 24 02:49     | 26 05:54     | 12 21:02     | 25 09:26     | 2 15:36      | 13 05:14     |
| 26 18:55     | 6 04:08      | 15 13:33     | 27 00:28     | 4 08:13      | 15 19:32     | 26 05:54     | 28 07:43     | 15 02:03     | 27 14:48     | 4 22:59      | 15 12:26     |
| 28 18:49     | 8 05:36      | 17 14:06     | 29 00:56     | 6 09:59      | 17 21:04     | 30 09:48     |              | 17 05:50     | 29 18:50     | 7 04:33      | 17 17:15     |
| 30 17:51     | 10 10:06     | 19 13:49     | 31 01:10     | 8 10:34      | 19 22:05     |              | 9 19:58      | 19 09:08     | 31 21:48     | 9 08:21      | 19 19:51     |
|              | 12 04:44     | 21 14:34     |              | 10 11:42     | 22 00:06     |              | 11 22:46     | 21 12:15     |              | 11 10:40     | 21 21:03     |
| Sept. -2918j | 14 06:20     | 23 17:47     | Apr. -2916j  | 12 14:45     | 24 04:07     | Nov. -2915j  | 14 02:17     | 23 15:30     | June -2913j  | 13 12:17     | 22 22:11     |
| 1 18:15      | 16 11:08     | 26 00:07     | 2 02:47      | 14 20:23     | 26 10:23     | 1 13:07      | 16 06:49     | 25 19:35     | 3 00:05      | 15 14:36     | 26 00:53     |
| 3 21:46      | 18 19:21     | 28 09:25     | 4 06:59      | 17 04:34     | 28 18:46     | 3 17:57      | 18 12:56     | 28 01:42     | 5 02:36      | 17 19:10     | 28 06:33     |
| 6 05:04      | 21 06:17     | 30 20:54     | 6 14:14      | 19 14:51     |              | 6 00:20      | 20 21:24     | 30 10:49     | 7 06:44      | 20 03:04     | 30 15:44     |
| 8 15:30      | 23 18:49     |              | 9 00:11      | 22 02:42     | May -2915j   | 8 08:30      | 23 08:34     |              | 9 13:46      | 22 14:10     |              |
| 11 03:41     | 26 07:48     | Oct. -2917j  | 11 12:05     | 24 15:23     | 1 05:05      | 10 18:52     | 25 21:25     | Dec. -2914j  | 12 00:10     | 25 02:45     | July -2912j  |
| 13 16:22     | 28 19:59     | 3 09:41      | 14 00:57     | 27 03:30     | 3 17:03      | 13 07:13     | 28 09:28     | 2 22:49      | 14 12:40     | 27 14:23     | 3 03:35      |
| 16 04:38     | 31 05:57     | 5 22:37      | 16 13:29     | 30 13:09     | 6 05:43      | 15 19:57     | 30 18:19     | 5 11:42      | 17 00:49     | 29 23:33     | 5 16:03      |
| 18 15:26     |              | 8 10:14      | 19 00:04     | 31 18:59     | 8 17:10      | 18 06:30     |              | 7 22:43      | 19 10:32     |              | 8 03:08      |
| 20 23:34     | Apr. -2917j  | 10 18:57     | 21 07:20     |              | 11 01:22     | 20 13:06     | June -2914j  | 10 06:15     | 21 17:12     | Jan. -2912j  | 10 11:50     |
| 23 04:10     | 2 12:32      | 12 23:55     | 23 10:54     | Nov. -2916j  | 13 05:35     | 22 15:54     | 1 23:21      | 12 10:33     | 23 21:32     | 1 06:02      | 12 18:11     |
| 25 05:34     | 4 15:32      | 15 01:30     | 25 11:33     | 2 21:06      | 15 15:38     | 24 16:28     | 4 01:35      | 14 12:58     | 26 00:33     | 3 10:29      | 14 22:38     |
| 27 05:12     | 6 15:57      | 17 01:06     | 27 10:56     | 4 20:52      | 17 06:23     | 26 16:52     | 6 02:45      | 16 14:58     | 28 03:10     | 5 13:43      | 17 01:48     |
| 29 05:02     | 8 15:25      | 19 00:36     | 29 11:02     | 6 20:20      | 19 06:53     | 28 18:51     | 8 04:27      | 18 17:35     | 30 06:00     | 7 16:27      | 19 04:17     |
|              | 10 15:53     | 21 01:58     |              | 8 21:35      | 21 09:47     | 30 23:19     | 10 07:39     |              |              |              |              |

with clock times in UT/GMT. The year -2912 astronomical counting style corresponds to year 2913 B.C.E historical counting style.

|              |              |              |              |             |             |             |            |             |            |             |              |
|--------------|--------------|--------------|--------------|-------------|-------------|-------------|------------|-------------|------------|-------------|--------------|
| Aug. -2912j  | March -2911j | Sept. -2911j | March -2910j | Oct. -2910j | Apr. -2909j | Oct. -2909j | May -2908j | Nov. -2908j | May -2907j | Dec. -2907j | June -2906j  |
| ♂ 24 08:49   | ♂ 1 07:29    | ♂ 10 18:40   | ♂ 23 06:44   | ♂ 2 17:55   | ♂ 14 06:43  | ♂ 24 19:13  | ♂ 2 23:33  | ♂ 12 12:10  | ♂ 25 01:58 | ♂ 2 06:45   | ♂ 13 20:49   |
| ♂ 26 19:43   | ♂ 3 13:39    | ♂ 13 01:11   | ♂ 25 14:16   | ♂ 5 02:57   | ♂ 16 16:46  | ♂ 27 06:25  | ♂ 5 08:42  | ♂ 14 22:55  | ♂ 27 13:42 | ♂ 4 16:53   | ♂ 22 07:21   |
| ♂ 29 08:18   | ♂ 5 22:25    | ♂ 15 11:06   | ♂ 28 01:14   | ♂ 7 14:56   | ♂ 19 05:03  | ♂ 29 19:08  | ♂ 7 20:45  | ♂ 17 11:45  | ♂ 30 02:37 | ♂ 7 04:59   | ♂ 18 19:20   |
| ♂ 31 20:27   | ♂ 8 09:54    | ♂ 17 23:37   | ♂ 30 13:59   | ♂ 10 03:33  | ♂ 21 17:24  | ♂ 24 04:10  | ♂ 10 09:44 | ♂ 20 00:39  | ♂ 9 17:37  | ♂ 12 05:57  | ♂ 21 08:02   |
|              | ♂ 10 22:43   | ♂ 20 12:15   |              | ♂ 12 14:33  | ♂ 24 04:10  | Nov. -2909j | ♂ 12 21:51 | ♂ 22 12:16  | ♂ 27 13:42 | ♂ 14 17:08  | ♂ 23 20:29   |
| Sept. -2912j | ♂ 13 10:13   | ♂ 22 22:22   | Apr. -2910j  | ♂ 14 23:06  | ♂ 26 12:43  | ♂ 1 07:22   | ♂ 15 08:02 | ♂ 24 22:00  | ♂ 1 15:12  | ♂ 14 17:08  | ♂ 26 07:10   |
| ♂ 3 05:47    | ♂ 15 18:20   | ♂ 25 05:02   | ♂ 2 01:51    | ♂ 17 05:25  | ♂ 28 19:07  | ♂ 3 17:49   | ♂ 17 15:52 | ♂ 27 05:28  | ♂ 4 02:32  | ♂ 17 02:01  | ♂ 28 14:23   |
| ♂ 5 11:16    | ♂ 17 22:53   | ♂ 27 09:01   | ♂ 4 11:03    | ♂ 19 10:09  | ♂ 30 23:34  | ♂ 6 02:07   | ♂ 19 21:17 | ♂ 29 10:20  | ♂ 6 11:52  | ♂ 19 07:26  | ♂ 30 17:35   |
| ♂ 7 13:35    | ♂ 20 01:05   | ♂ 29 11:45   | ♂ 6 17:24    | ♂ 21 13:42  |             | ♂ 8 08:14   | ♂ 22 00:24 |             | ♂ 8 18:24  | ♂ 21 09:17  |              |
| ♂ 9 14:26    | ♂ 22 02:37   |              | ♂ 8 21:45    | ♂ 23 16:27  | May -2909j  | ♂ 10 12:19  | ♂ 24 01:49 | Dec. -2908j | ♂ 10 21:45 | ♂ 23 08:48  | July -2906j  |
| ♂ 11 15:40   | ♂ 24 04:54   | Oct. -2911j  | ♂ 11 01:03   | ♂ 25 18:58  | ♂ 3 02:28   | ♂ 12 14:44  | ♂ 26 02:37 | ♂ 1 12:37   | ♂ 12 22:26 | ♂ 25 08:01  | ♂ 2 17:42    |
| ♂ 13 18:37   | ♂ 26 08:38   | ♂ 1 14:24    | ♂ 13 03:56   | ♂ 27 22:17  | ♂ 5 04:26   | ♂ 14 16:14  | ♂ 28 04:19 | ♂ 3 13:07   | ♂ 14 21:55 | ♂ 27 09:14  | ♂ 4 16:43    |
| ♂ 15 23:49   | ♂ 28 13:58   | ♂ 3 17:36    | ♂ 15 06:49   | ♂ 30 03:38  | ♂ 7 06:29   | ♂ 16 18:02  | ♂ 30 08:34 | ♂ 5 13:20   | ♂ 16 22:16 | ♂ 29 14:09  | ♂ 6 16:50    |
| ♂ 18 07:06   | ♂ 30 21:01   | ♂ 5 21:36    | ♂ 17 10:18   |             | ♂ 9 09:53   | ♂ 18 21:37  |            | ♂ 7 15:14   | ♂ 19 01:31 | ♂ 31 23:12  | ♂ 8 19:55    |
| ♂ 20 16:14   |              | ♂ 8 02:45    | ♂ 19 15:20   | Nov. -2910j | ♂ 11 15:52  | ♂ 21 04:16  | ♂ 22 01:33 | ♂ 9 20:36   | ♂ 21 08:54 |             | ♂ 11 02:52   |
| ♂ 23 03:13   | Apr. -2911j  | ♂ 10 09:48   | ♂ 21 22:54   | ♂ 1 11:59   | ♂ 14 01:03  | ♂ 23 14:24  | ♂ 24 01:33 | ♂ 12 06:08  | ♂ 23 20:01 | Jan. -2906j | ♂ 13 13:07   |
| ♂ 25 15:45   | ♂ 2 06:09    | ♂ 12 19:30   | ♂ 24 09:25   | ♂ 3 23:15   | ♂ 16 12:48  | ♂ 26 02:52  | ♂ 27 01:16 | ♂ 14 18:38  | ♂ 26 08:54 | ♂ 3 11:06   | ♂ 16 01:16   |
| ♂ 28 04:31   | ♂ 4 17:32    | ♂ 15 07:43   | ♂ 26 21:56   | ♂ 5 11:52   | ♂ 19 01:14  | ♂ 29 01:14  | ♂ 29 01:14 | ♂ 17 07:34  | ♂ 28 21:21 | ♂ 5 23:51   | ♂ 18 13:58   |
| ♂ 30 15:07   | ♂ 7 06:24    | ♂ 17 20:41   | ♂ 29 10:11   | ♂ 8 23:22   | ♂ 21 12:07  | ♂ 22 12:07  | ♂ 22 12:07 | ♂ 19 18:53  |            | ♂ 8 11:58   | ♂ 21 02:14   |
|              | ♂ 9 18:34    | ♂ 20 07:42   |              | ♂ 11 08:03  | ♂ 23 20:15  | ♂ 24 01:41  | ♂ 24 01:41 | ♂ 11 14:25  | ♂ 22 03:54 | ♂ 10 22:47  | ♂ 23 13:08   |
| Oct. -2912j  | ♂ 12 03:39   | ♂ 22 14:59   | May -2910j   | ♂ 13 13:39  | ♂ 15 17:02  | ♂ 26 01:41  | ♂ 26 01:41 | ♂ 13 21:32  | ♂ 24 10:54 | ♂ 13 07:49  | ♂ 25 21:28   |
| ♂ 2 21:45    | ♂ 14 08:40   | ♂ 24 18:40   | ♂ 1 19:52    | ♂ 15 17:02  | ♂ 17 19:24  | ♂ 28 05:13  | ♂ 28 05:13 | ♂ 16 02:41  | ♂ 26 16:11 | ♂ 15 14:22  | ♂ 28 02:21   |
| ♂ 5 00:19    | ♂ 16 10:27   | ♂ 26 20:09   | ♂ 4 02:10    | ♂ 19 21:48  | ♂ 30 07:52  | ♂ 30 07:52  | ♂ 30 07:52 | ♂ 18 06:26  | ♂ 28 19:50 | ♂ 17 17:58  | ♂ 30 03:58   |
| ♂ 7 00:20    | ♂ 18 10:48   | ♂ 28 21:11   | ♂ 6 05:42    | ♂ 22 01:02  |             |             |            | ♂ 20 09:11  | ♂ 30 22:02 | ♂ 19 19:03  |              |
| ♂ 8 23:57    | ♂ 20 11:37   | ♂ 30 23:11   | ♂ 8 07:44    | ♂ 24 05:36  | June -2909j | ♂ 1 10:28   | ♂ 11 23:36 | ♂ 22 11:22  | ♂ 24 13:54 | ♂ 21 19:02  | Aug. -2906j  |
| ♂ 11 01:11   | ♂ 22 14:16   |              | ♂ 10 09:35   | ♂ 12 12:13  | ♂ 3 13:43   | ♂ 5 18:12   | ♂ 14 02:52 | ♂ 26 18:04  | ♂ 28 08:40 | ♂ 23 19:52  | ♂ 1 03:40    |
| ♂ 13 05:22   | ♂ 24 19:24   | Nov. -2911j  | ♂ 14 16:18   | ♂ 16 22:17  | ♂ 17 04:12  | ♂ 19 06:29  | ♂ 16 07:13 | ♂ 28 01:33  | ♂ 30 22:02 | ♂ 25 23:30  | ♂ 3 03:25    |
| ♂ 15 12:38   | ♂ 27 02:58   | ♂ 2 02:59    | ♂ 16 22:17   | ♂ 20 03:35  | ♂ 22 01:02  | ♂ 24 05:36  | ♂ 26 07:13 | ♂ 30 22:02  | ♂ 31 23:12 | ♂ 28 07:03  | ♂ 5 05:14    |
| ♂ 17 22:22   | ♂ 29 12:42   | ♂ 4 08:51    | ♂ 19 06:31   | ♂ 26 21:56  | ♂ 28 20:35  | ♂ 30 20:35  | ♂ 30 20:35 | ♂ 1 01:32   | ♂ 2 05:47  | ♂ 31 18:05  | ♂ 7 10:34    |
| ♂ 20 09:47   |              | ♂ 6 16:51    | ♂ 21 17:08   | ♂ 29 10:11  |             |             |            | ♂ 3 08:58   | ♂ 4 02:32  | ♂ 3 11:06   | ♂ 9 19:45    |
| ♂ 22 22:20   | May -2911j   | ♂ 9 03:01    | ♂ 22 17:08   | ♂ 3 23:15   | Dec. -2910j | ♂ 5 18:12   | ♂ 10 29:29 | ♂ 5 14:02   | ♂ 6 11:52  | ♂ 4 18:48   | ♂ 12 07:38   |
| ♂ 25 11:14   | ♂ 2 00:20    | ♂ 11 15:10   | ♂ 24 05:36   | ♂ 6 08:11   | ♂ 1 07:32   | ♂ 3 13:43   | ♂ 12 09:29 | ♂ 7 17:41   | ♂ 8 05:03  | ♂ 5 23:51   | ♂ 14 20:20   |
| ♂ 27 22:48   | ♂ 4 13:13    | ♂ 14 04:16   | ♂ 26 18:06   | ♂ 8 17:49   | ♂ 3 23:15   | ♂ 5 18:12   | ♂ 15 23:36 | ♂ 9 20:42   | ♂ 10 21:45 | ♂ 6 16:50   | ♂ 17 08:20   |
| ♂ 30 07:07   | ♂ 7 01:50    | ♂ 16 16:12   | ♂ 29 04:43   | ♂ 10 23:48  | ♂ 6 08:11   | ♂ 8 00:35   | ♂ 18 13:41 | ♂ 11 04:38  | ♂ 12 06:08 | ♂ 7 05:09   | ♂ 19 18:44   |
|              | ♂ 9 12:03    | ♂ 19 00:54   | ♂ 31 11:50   | ♂ 13 02:31  | ♂ 8 17:49   | ♂ 10 23:48  | ♂ 20 05:14 | ♂ 13 08:45  | ♂ 14 18:38 | ♂ 9 13:29   | ♂ 22 03:02   |
| Nov. -2912j  | ♂ 11 18:21   | ♂ 21 05:33   | June -2910j  | ♂ 15 03:24  | ♂ 17 04:12  | ♂ 19 06:29  | ♂ 22 12:07 | ♂ 15 11:50  | ♂ 16 22:16 | ♂ 11 19:49  | ♂ 24 08:51   |
| ♂ 1 11:12    | ♂ 13 20:50   | ♂ 23 06:59   | ♂ 2 15:26    | ♂ 17 04:12  | ♂ 19 06:29  | ♂ 21 11:09  | ♂ 24 12:35 | ♂ 17 14:46  | ♂ 18 17:22 | ♂ 14 00:09  | ♂ 26 12:08   |
| ♂ 3 11:49    | ♂ 15 20:55   | ♂ 25 06:51   | ♂ 4 16:38    | ♂ 22 01:02  | ♂ 24 05:36  | ♂ 26 21:56  | ♂ 28 13:58 | ♂ 19 17:58  | ♂ 20 09:11 | ♂ 16 02:42  | ♂ 28 13:29   |
| ♂ 5 10:51    | ♂ 17 20:33   | ♂ 27 07:03   | ♂ 6 17:02    | ♂ 26 03:46  | ♂ 28 20:35  | ♂ 30 20:35  | ♂ 30 20:35 | ♂ 21 21:43  | ♂ 22 12:07 | ♂ 18 04:11  | ♂ 30 14:09   |
| ♂ 7 10:32    | ♂ 19 21:37   | ♂ 29 09:13   | ♂ 8 18:19    | ♂ 29 10:11  |             |             |            | ♂ 22 02:42  | ♂ 23 15:58 | ♂ 22 05:56  | Sept. -2906j |
| ♂ 9 12:48    | ♂ 22 01:27   |              | ♂ 10 21:45   | ♂ 31 03:21  | July -2909j | ♂ 3 00:41   | ♂ 5 07:58  | ♂ 24 02:42  | ♂ 26 09:54 | ♂ 22 09:29  | ♂ 1 15:48    |
| ♂ 11 18:42   | ♂ 24 08:33   | Dec. -2911j  | ♂ 13 03:58   | ♂ 15 12:52  | ♂ 5 07:58   | ♂ 7 17:13   | ♂ 10 09:12 | ♂ 26 09:54  | ♂ 28 01:33 | ♂ 24 16:06  | ♂ 3 20:02    |
| ♂ 14 04:05   | ♂ 26 18:30   | ♂ 1 14:20    | ♂ 15 12:52   | ♂ 17 23:55  | ♂ 7 17:13   | ♂ 9 20:42   | ♂ 12 14:44 | ♂ 30 08:34  | ♂ 31 23:12 | ♂ 27 02:08  | ♂ 6 03:52    |
| ♂ 16 15:46   | ♂ 29 06:28   | ♂ 3 22:35    | ♂ 20 12:22   | ♂ 23 01:07  | ♂ 10 23:48  | ♂ 12 07:02  | ♂ 14 21:56 | ♂ 31 08:35  | ♂ 32 00:00 | ♂ 30 03:52  | ♂ 8 14:59    |
| ♂ 19 04:29   | ♂ 31 19:23   | ♂ 6 09:22    | ♂ 23 01:07   | ♂ 25 12:32  | ♂ 15 05:13  | ♂ 17 14:40  | ♂ 19 20:09 | ♂ 21 21:43  | ♂ 22 12:07 | ♂ 31 10:48  | ♂ 11 03:38   |
| ♂ 21 17:11   |              | ♂ 8 21:47    | ♂ 27 21:01   | ♂ 29 04:43  | ♂ 19 20:09  | ♂ 21 11:09  | ♂ 22 12:07 | ♂ 23 15:58  | ♂ 24 18:38 | ♂ 32 00:00  | ♂ 13 15:36   |
| ♂ 24 04:52   | June -2911j  | ♂ 11 10:49   | ♂ 30 01:43   | ♂ 31 11:50  | ♂ 22 12:07  | ♂ 24 05:36  | ♂ 26 21:56 | ♂ 27 07:03  | ♂ 28 01:33 | ♂ 33 00:00  | ♂ 16 01:26   |
| ♂ 26 14:10   | ♂ 3 08:03    | ♂ 13 23:07   |              |             | ♂ 25 12:32  | ♂ 27 04:12  | ♂ 28 13:58 | ♂ 29 07:09  | ♂ 30 08:34 | ♂ 34 00:00  | ♂ 18 08:52   |
| ♂ 28 20:03   | ♂ 5 18:55    | ♂ 16 09:04   |              |             | ♂ 29 04:43  | ♂ 31 11:50  | ♂ 30 20:35 | ♂ 31 10:31  | ♂ 32 00:00 | ♂ 35 00:00  | ♂ 20 14:14   |
| ♂ 30 22:26   | ♂ 8 02:36    | ♂ 18 15:28   |              |             | ♂ 31 11:50  | ♂ 32 00:00  | ♂ 31 23:12 |             | ♂ 33 00:00 | ♂ 36 00:00  | ♂ 22 18:01   |
|              | ♂ 10 06:36   | ♂ 20 18:13   | July -2910j  | ♂ 1 13:51   | ♂ 3 00:41   | ♂ 5 07:58   | ♂ 7 17:13  | ♂ 9 20:42   | ♂ 11 04:38 | ♂ 12 06:08  | ♂ 24 20:45   |
| Dec. -2912j  | ♂ 12 07:35   | ♂ 22 18:20   | ♂ 2 03:08    | ♂ 4 16:38   | ♂ 6 17:02   | ♂ 8 18:19   | ♂ 10 23:48 | ♂ 11 18:40  | ♂ 13 02:31 | ♂ 14 00:09  | ♂ 26 12:08   |
| ♂ 2 22:26    | ♂ 14 07:07   | ♂ 24 17:35   | ♂ 5 02:44    | ♂ 7 10:32   | ♂ 9 12:48   | ♂ 11 15:40  | ♂ 13 03:58 | ♂ 14 18:38  | ♂ 16 02:42 | ♂ 16 02:42  | ♂ 28 13:29   |
| ♂ 4 21:53    | ♂ 16 07:07   | ♂ 26 17:59   | ♂ 8 04:25    | ♂ 10 23:48  | ♂ 12 07:02  | ♂ 14 04:16  | ♂ 16 16:12 | ♂ 17 20:33  | ♂ 18 17:22 | ♂ 18 04:11  | ♂ 30 14:09   |
| ♂ 6 22:49    | ♂ 18 09:22   | ♂ 28 21:18   | ♂ 10 09:41   | ♂ 12 18:31  | ♂ 14 04:16  | ♂ 16 16:12  | ♂ 18 15:28 | ♂ 19 21:37  | ♂ 20 18:04 | ♂ 19 19:45  | ♂ 1 15:48    |
| ♂ 9 02:53    | ♂ 20 15:05   | ♂ 31 04:30   | ♂ 12 18:31   | ♂ 15 05:58  | ♂ 17 18:35  | ♂ 19 06:29  | ♂ 21 11:09 | ♂ 22 01:27  | ♂ 23 15:58 | ♂ 24 16:06  | ♂ 3 20:02    |
| ♂ 11 10:50   | ♂ 23 00:29   |              | ♂ 17 18:35   | ♂ 20 07:15  | ♂ 22 01:02  | ♂ 24 05:36  | ♂ 26 21:56 | ♂ 27 07:03  | ♂ 28 01:33 | ♂ 29 09:13  | ♂ 6 03:52    |
| ♂ 13 22:04   | ♂ 25 12:30   | Jan. -2910j  | ♂ 20 07:15   | ♂ 22 18:58  | ♂ 24 05:36  | ♂ 26 21:56  | ♂ 28 13:58 | ♂ 29 07:09  | ♂ 30 08:34 | ♂ 31 10:31  | ♂ 8 14:59    |
| ♂ 16 10:51   | ♂ 28 01:28   | ♂ 2 15:11    | ♂ 25 04:34   | ♂ 27 10:54  | ♂ 29 04:43  | ♂ 31 11:50  | ♂ 30 20:35 | ♂ 31 10:31  | ♂ 32 00:00 | ♂ 33 00:00  | ♂ 11 03:38   |
| ♂ 18 23:26   | ♂ 30 13:52   | ♂ 5 03:54    | ♂ 29 04:43   | ♂ 31 11:50  | ♂ 32 00:00  | ♂ 33 00:00  | ♂ 31 23:12 | ♂ 32 00:00  | ♂ 33 00:00 | ♂ 34 00:00  | ♂ 13 15:36   |
| ♂ 20 21:07   |              | ♂ 7 16:54    | ♂ 31 13:45   | ♂ 32 00:00  | ♂ 33 00:00  | ♂ 34 00:00  | ♂ 31 23:12 | ♂ 32 00:00  | ♂ 33 00:00 | ♂ 34 00:00  | ♂ 16 01:26   |
| ♂ 23 19:45   | July -2911j  | ♂ 10 05:00   | ♂ 32 00:00   | ♂ 33 00:00  | ♂ 34 00:00  | ♂ 35 00:00  | ♂ 31 23:12 | ♂ 32 00:00  | ♂ 33 00:00 | ♂ 34 00:00  | ♂ 18 08:52   |
| ♂ 26 02:23   | ♂ 3 00:40    | ♂ 12 15:18   | ♂ 33 00:00   | ♂ 34 00:00  | ♂ 35 00:00  | ♂ 36 00:00  | ♂ 31 23:12 | ♂ 32 00:00  | ♂ 33 00:00 | ♂ 34 00:00  | ♂ 20 14:14   |
| ♂ 28 06:24   | ♂ 5 09:01    | ♂ 14 23:01   | ♂ 34 00:00   | ♂ 35 00:00  | ♂ 36 00:00  | ♂ 37 00:00  | ♂ 31 23:12 | ♂ 32 00:00  | ♂ 33 00:00 | ♂ 34 00:00  | ♂ 22 18:01   |
| ♂ 30 08:11   | ♂ 7 14:28    | ♂ 17 03:34   | ♂ 35 00:00   | ♂ 36 00:00  | ♂ 37 00:00  | ♂ 38 00:00  | ♂ 31 23:12 | ♂ 32 00:00  | ♂ 33 00:00 | ♂ 34 00:00  | ♂ 24 20:45   |
|              | ♂ 9 17:06    | ♂ 19 05:     |              |             |             |             |            |             |            |             |              |

with clock times in UT/GMT. The year -2906 astronomical counting style corresponds to year 2907 B.C.E historical counting style.

|              |              |              |              |              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Dec. -2906j  | July -2905j  | Jan. -2904j  | July -2904j  | Feb. -2903j  | Aug. -2903j  | Feb. -2902j  | Sept. -2902j | March -2901j | Sept. -2901j |
| ♌ 24 11:36   | ♌ 1 09:45    | ♌ 10 23:41   | ♌ 22 12:21   | ♌ 1 02:19    | ♌ 13 14:18   | ♌ 23 03:15   | ♌ 2 08:24    | ♌ 14 20:11   | ♌ 24 06:55   |
| ♌ 26 22:13   | ♌ 3 16:22    | ♌ 13 06:39   | ♌ 24 19:35   | ♌ 3 09:48    | ♌ 15 22:00   | ♌ 25 11:21   | ♌ 4 14:13    | ♌ 17 03:09   | ♌ 26 15:43   |
| ♌ 29 10:19   | ♌ 6 01:12    | ♌ 15 15:49   | ♌ 27 05:14   | ♌ 5 19:39    | ♌ 18 08:28   | ♌ 27 22:30   | ♌ 6 23:42    | ♌ 19 13:52   | ♌ 29 03:40   |
| ♌ 31 23:15   | ♌ 8 12:07    | ♌ 18 03:10   | ♌ 29 17:03   | ♌ 8 07:33    | ♌ 20 20:53   | ♌ 29 03:15   | ♌ 9 12:04    | ♌ 22 02:39   | ♌ 31 02:08   |
|              | ♌ 11 00:46   | ♌ 20 15:57   |              | ♌ 10 20:00   | ♌ 23 09:04   | March -2902j | ♌ 12 00:49   | ♌ 24 14:49   | Oct. -2901j  |
| Jan. -2905j  | ♌ 13 13:47   | ♌ 23 04:26   | Aug. -2904j  | ♌ 13 06:49   | ♌ 25 18:42   | ♌ 2 11:16    | ♌ 14 11:23   | ♌ 27 00:38   | ♌ 1 16:23    |
| ♌ 3 11:32    | ♌ 16 01:00   | ♌ 25 14:25   | ♌ 1 05:48    | ♌ 15 14:19   | ♌ 28 00:48   | ♌ 4 23:01    | ♌ 16 18:52   | ♌ 29 07:53   | ♌ 4 03:48    |
| ♌ 5 21:08    | ♌ 18 08:32   | ♌ 27 20:37   | ♌ 3 17:18    | ♌ 17 18:19   | ♌ 30 03:59   | ♌ 7 07:42    | ♌ 18 23:52   | ♌ 31 13:12   | ♌ 6 13:07    |
| ♌ 8 02:41    | ♌ 20 12:02   | ♌ 29 23:16   | ♌ 6 01:40    | ♌ 19 19:56   |              | ♌ 9 13:04    | ♌ 21 03:33   |              | ♌ 8 20:29    |
| ♌ 10 04:26   | ♌ 22 12:40   | ♌ 31 23:46   | ♌ 8 06:23    | ♌ 21 20:50   | Sept. -2903j | ♌ 11 16:12   | ♌ 23 06:46   | Apr. -2901j  | ♌ 11 02:08   |
| ♌ 12 03:57   | ♌ 24 12:19   |              | ♌ 10 08:15   | ♌ 23 22:37   | ♌ 1 05:47    | ♌ 13 18:32   | ♌ 25 09:56   | ♌ 2 17:15    | ♌ 13 06:06   |
| ♌ 14 03:23   | ♌ 26 12:52   | Feb. -2904j  | ♌ 12 08:52   | ♌ 26 02:23   | ♌ 3 07:41    | ♌ 15 21:11   | ♌ 27 13:16   | ♌ 4 20:21    | ♌ 15 08:34   |
| ♌ 16 04:41   | ♌ 28 15:49   | ♌ 2 23:52    | ♌ 14 09:52   | ♌ 28 08:31   | ♌ 5 10:46    | ♌ 18 00:42   | ♌ 29 17:24   | ♌ 6 22:51    | ♌ 17 10:16   |
| ♌ 18 09:14   | ♌ 30 21:53   | ♌ 5 01:17    | ♌ 16 12:39   |              | ♌ 7 15:29    | ♌ 20 05:19   |              | ♌ 9 01:27    | ♌ 19 12:30   |
| ♌ 20 17:16   |              | ♌ 7 05:14    | ♌ 18 18:00   | March -2903j | ♌ 9 21:53    | ♌ 22 11:25   | Oct. -2902j  | ♌ 11 05:26   | ♌ 21 16:55   |
| ♌ 23 04:05   | Aug. -2905j  | ♌ 9 12:15    | ♌ 21 01:59   | ♌ 2 16:51    | ♌ 12 06:06   | ♌ 24 19:40   | ♌ 1 23:25    | ♌ 13 12:07   | ♌ 24 00:41   |
| ♌ 25 16:29   | ♌ 2 06:57    | ♌ 11 22:02   | ♌ 23 12:15   | ♌ 5 03:06    | ♌ 14 16:28   | ♌ 27 06:31   | ♌ 4 08:23    | ♌ 15 22:08   | ♌ 26 11:44   |
| ♌ 28 05:21   | ♌ 4 18:19    | ♌ 14 09:49   | ♌ 26 00:10   | ♌ 7 14:56    | ♌ 17 04:45   | ♌ 29 19:12   | ♌ 6 20:16    | ♌ 18 10:31   | ♌ 29 00:22   |
| ♌ 30 17:34   | ♌ 7 07:05    | ♌ 16 22:37   | ♌ 28 12:57   | ♌ 10 03:32   | ♌ 19 17:28   |              | ♌ 9 09:14    | ♌ 20 22:54   | ♌ 31 12:04   |
|              | ♌ 9 20:07    | ♌ 19 11:14   | ♌ 31 01:09   | ♌ 12 15:10   | ♌ 22 04:11   | Apr. -2902j  | ♌ 11 20:27   | ♌ 23 08:58   |              |
| Feb. -2905j  | ♌ 12 07:55   | ♌ 21 22:06   | Sept. -2904j | ♌ 14 23:50   | ♌ 24 11:01   | ♌ 1 07:30    | ♌ 14 04:09   | ♌ 25 15:54   | Nov. -2901j  |
| ♌ 2 03:50    | ♌ 14 16:51   | ♌ 24 05:47   | ♌ 2 10:53    | ♌ 17 04:33   | ♌ 26 13:59   | ♌ 3 16:52    | ♌ 16 08:28   | ♌ 27 20:16   | ♌ 2 21:14    |
| ♌ 4 10:53    | ♌ 16 21:59   | ♌ 26 09:46   | ♌ 4 16:53    | ♌ 19 05:55   | ♌ 28 14:35   | ♌ 5 22:21    | ♌ 18 10:47   | ♌ 29 23:13   | ♌ 5 03:41    |
| ♌ 6 14:20    | ♌ 18 23:43   | ♌ 28 10:42   | ♌ 6 19:12    | ♌ 21 05:39   | ♌ 30 14:50   | ♌ 8 00:44    | ♌ 20 12:41   | ♌ 31 08:09   | ♌ 7 08:09    |
| ♌ 8 14:59    | ♌ 20 23:22   |              | ♌ 8 19:05    | ♌ 23 05:52   |              | ♌ 10 01:45   | ♌ 22 15:15   | May -2901j   | ♌ 9 11:28    |
| ♌ 10 14:29   | ♌ 22 22:51   | March -2904j | ♌ 10 18:32   | ♌ 25 08:19   | Oct. -2903j  | ♌ 12 03:09   | ♌ 24 19:03   | ♌ 2 01:44    | ♌ 11 14:18   |
| ♌ 12 14:46   | ♌ 25 00:05   | ♌ 1 10:09    | ♌ 12 19:34   | ♌ 27 13:58   | ♌ 2 16:34    | ♌ 14 06:05   | ♌ 27 00:16   | ♌ 4 04:31    | ♌ 13 17:13   |
| ♌ 14 17:38   | ♌ 27 04:34   | ♌ 3 10:05    | ♌ 14 23:46   | ♌ 29 22:37   | ♌ 4 20:51    | ♌ 16 10:59   | ♌ 29 07:16   | ♌ 6 08:07    | ♌ 15 20:53   |
| ♌ 17 00:10   | ♌ 29 12:52   | ♌ 5 12:20    | ♌ 16 07:34   | Apr. -2903j  | ♌ 7 03:45    | ♌ 18 17:53   | ♌ 31 16:32   | ♌ 8 13:09    | ♌ 17 02:08   |
| ♌ 19 10:18   |              | ♌ 7 18:12    | ♌ 19 18:15   | ♌ 1 09:24    | ♌ 9 12:47    | ♌ 21 02:48   |              | ♌ 10 20:22   | ♌ 20 09:49   |
| ♌ 21 22:42   | Sept. -2905j | ♌ 10 03:45   | ♌ 22 06:31   | ♌ 1 09:24    | ♌ 11 23:32   | ♌ 23 13:48   | Nov. -2902j  | ♌ 13 06:16   | ♌ 22 20:16   |
| ♌ 24 11:34   | ♌ 1 00:16    | ♌ 12 15:48   | ♌ 24 19:16   | ♌ 3 21:26    | ♌ 14 11:48   | ♌ 26 02:29   | ♌ 3 04:12    | ♌ 15 18:23   | ♌ 25 08:39   |
| ♌ 26 23:27   | ♌ 3 13:12    | ♌ 15 04:44   | ♌ 27 07:36   | ♌ 6 10:03    | ♌ 17 00:45   | ♌ 28 15:13   | ♌ 5 17:14    | ♌ 18 07:01   | ♌ 27 20:51   |
|              | ♌ 6 02:04    | ♌ 17 17:13   | ♌ 29 18:19   | ♌ 8 22:09    | ♌ 19 12:32   |              | ♌ 8 05:18    | ♌ 20 17:47   | ♌ 30 06:41   |
| March -2905j | ♌ 8 13:42    | ♌ 20 04:16   | Oct. -2904j  | ♌ 11 08:01   | ♌ 21 20:55   | May -2902j   | ♌ 10 14:07   | ♌ 23 01:12   |              |
| ♌ 1 09:27    | ♌ 10 23:13   | ♌ 22 12:57   | ♌ 2 02:03    | ♌ 13 14:10   | ♌ 24 00:59   | ♌ 1 01:38    | ♌ 12 18:58   | ♌ 25 05:16   | Dec. -2901j  |
| ♌ 3 16:59    | ♌ 13 05:53   | ♌ 24 18:32   | ♌ 4 05:58    | ♌ 15 16:26   | ♌ 26 01:38   | ♌ 3 08:07    | ♌ 14 20:44   | ♌ 27 07:08   | ♌ 2 13:06    |
| ♌ 5 21:48    | ♌ 15 09:26   | ♌ 26 20:55   | ♌ 6 06:35    | ♌ 17 16:07   | ♌ 28 00:49   | ♌ 5 10:47    | ♌ 16 21:10   | ♌ 29 08:17   | ♌ 4 16:34    |
| ♌ 8 00:07    | ♌ 17 10:26   | ♌ 28 21:01   | ♌ 8 05:34    | ♌ 19 15:18   | ♌ 30 00:47   | ♌ 7 11:09    | ♌ 18 22:01   | ♌ 31 10:06   | ♌ 6 18:22    |
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| ♌ 12 01:27   | ♌ 21 10:33   |              | ♌ 12 07:29   | ♌ 23 20:22   | Nov. -2903j  | ♌ 11 12:36   | ♌ 23 05:44   | June -2901j  | ♌ 10 22:36   |
| ♌ 14 03:33   | ♌ 23 13:25   | Apr. -2904j  | ♌ 14 13:53   | ♌ 26 04:20   | ♌ 1 03:21    | ♌ 13 16:35   | ♌ 25 13:24   | ♌ 2 13:34    | ♌ 13 02:57   |
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| ♌ 18 17:39   | ♌ 28 06:50   | ♌ 6 10:11    | ♌ 18 07:08   | May -2903j   | ♌ 5 18:26    | ♌ 18 08:49   | ♌ 30 11:17   | ♌ 7 03:17    | ♌ 17 17:46   |
| ♌ 21 05:35   | ♌ 30 19:43   | ♌ 8 21:56    | ♌ 20 00:08   | ♌ 1 03:26    | ♌ 8 05:41    | ♌ 20 20:14   |              | ♌ 9 13:35    | ♌ 20 04:17   |
| ♌ 23 18:26   |              | ♌ 10 12:55   | ♌ 22 01:20   | ♌ 3 16:01    | ♌ 10 18:07   | ♌ 23 08:58   | Dec. -2902j  | ♌ 12 01:41   | ♌ 22 16:28   |
| ♌ 26 06:07   | Oct. -2905j  | ♌ 13 23:13   | ♌ 24 13:23   | ♌ 6 04:04    | ♌ 13 07:00   | ♌ 25 21:51   | ♌ 3 00:17    | ♌ 14 14:27   | ♌ 25 05:03   |
| ♌ 28 15:29   | ♌ 3 08:31    | ♌ 16 09:54   | ♌ 27 00:08   | ♌ 8 14:29    | ♌ 15 19:09   | ♌ 28 09:06   | ♌ 5 12:51    | ♌ 17 02:02   | ♌ 27 15:56   |
| ♌ 30 22:28   | ♌ 5 19:40    | ♌ 18 18:38   | ♌ 29 08:49   | ♌ 10 21:58   | ♌ 18 04:51   | ♌ 30 16:58   | ♌ 7 22:59    | ♌ 19 10:36   | ♌ 29 23:23   |
|              | ♌ 8 04:43    | ♌ 21 01:07   | ♌ 31 14:30   | ♌ 13 01:49   | ♌ 20 10:45   |              | ♌ 10 05:23   | ♌ 21 15:25   |              |
| Apr. -2905j  | ♌ 10 11:40   | ♌ 23 05:02   | Nov. -2904j  | ♌ 15 02:34   | ♌ 22 12:50   | June -2902j  | ♌ 12 07:59   | ♌ 23 17:06   |              |
| ♌ 2 03:27    | ♌ 12 16:32   | ♌ 25 06:36   | ♌ 1 16:56    | ♌ 17 01:54   | ♌ 24 12:27   | ♌ 1 20:54    | ♌ 14 08:08   | ♌ 25 17:08   |              |
| ♌ 4 06:50    | ♌ 14 19:21   | ♌ 27 06:52   | ♌ 4 16:59    | ♌ 19 01:56   | ♌ 26 11:37   | ♌ 3 21:45    | ♌ 16 07:36   | ♌ 27 17:23   |              |
| ♌ 6 09:05    | ♌ 16 20:37   | ♌ 29 07:38   | ♌ 6 16:28    | ♌ 21 04:39   | ♌ 28 12:28   | ♌ 5 21:14    | ♌ 18 08:20   | ♌ 29 19:33   |              |
| ♌ 8 10:54    | ♌ 18 21:32   |              | ♌ 8 17:35    | ♌ 23 11:12   | ♌ 30 16:36   | ♌ 7 21:18    | ♌ 20 11:53   |              |              |
| ♌ 10 13:26   | ♌ 20 23:49   | May -2904j   | ♌ 10 22:15   | ♌ 25 21:20   | Dec. -2903j  | ♌ 9 23:41    | ♌ 22 18:58   | July -2901j  | ♌ 2 00:44    |
| ♌ 12 18:05   | ♌ 23 05:14   | ♌ 1 10:52    | ♌ 13 07:08   | ♌ 28 09:33   | ♌ 3 00:34    | ♌ 12 05:25   | ♌ 25 05:15   | ♌ 4 09:05    | ♌ 6 19:55    |
| ♌ 15 02:02   | ♌ 25 14:40   | ♌ 3 17:59    | ♌ 15 19:07   | ♌ 30 22:07   | ♌ 5 11:38    | ♌ 14 14:32   | ♌ 27 17:33   | ♌ 6 19:55    | ♌ 9 08:13    |
| ♌ 17 13:16   | ♌ 28 03:07   | ♌ 6 04:54    | ♌ 18 07:56   | June -2903j  | ♌ 8 00:16    | ♌ 17 02:11   | ♌ 30 06:34   | ♌ 9 08:13    |              |
| ♌ 20 02:04   | ♌ 30 15:59   | ♌ 8 17:42    | ♌ 20 19:45   | ♌ 2 09:52    | ♌ 10 13:03   | ♌ 22 03:48   |              | Jan. -2901j  | ♌ 11 20:59   |
| ♌ 22 13:50   |              | ♌ 11 05:56   | ♌ 23 05:54   | ♌ 4 20:03    | ♌ 13 00:53   | ♌ 24 15:13   | ♌ 27 00:05   | ♌ 1 19:06    | ♌ 14 09:01   |
| ♌ 24 22:50   | Nov. -2905j  | ♌ 13 16:11   | ♌ 25 14:15   | ♌ 6 04:04    | ♌ 15 10:50   | ♌ 27 00:05   | ♌ 29 05:36   | ♌ 4 05:55    | ♌ 16 18:49   |
| ♌ 27 04:57   | ♌ 4 11:12    | ♌ 16 00:17   | ♌ 27 20:33   | ♌ 8 09:07    | ♌ 17 17:58   | ♌ 19 21:54   |              | ♌ 6 13:50    | ♌ 19 01:09   |
| ♌ 29 09:05   | ♌ 6 17:16    | ♌ 18 06:33   | ♌ 30 00:31   | ♌ 11 11:28   | ♌ 19 21:54   | ♌ 21 23:09   |              | ♌ 8 18:13    | ♌ 21 03:48   |
| May -2905j   | ♌ 8 21:55    | ♌ 20 11:05   | Dec. -2904j  | ♌ 13 12:01   | ♌ 21 23:09   | ♌ 23 23:04   | July -2902j  | ♌ 10 19:29   | ♌ 23 03:48   |
| ♌ 1 12:14    | ♌ 11 01:34   | ♌ 22 13:58   | ♌ 2 02:21    | ♌ 15 12:23   | ♌ 25 23:28   | ♌ 28 02:09   | ♌ 1 07:54    | ♌ 12 18:57   | ♌ 25 03:01   |
| ♌ 3 15:09    | ♌ 13 04:23   | ♌ 24 15:39   | ♌ 4 03:06    | ♌ 17 14:26   | ♌ 29 02:35   | ♌ 30 08:26   | ♌ 3 08:04    | ♌ 14 18:33   | ♌ 27 03:33   |
| ♌ 5 18:11    | ♌ 15 06:48   | ♌ 26 17:17   | ♌ 6 04:27    | ♌ 19 19:41   | ♌ 22 04:41   |              | ♌ 5 07:46    | ♌ 16 20:18   | ♌ 29 07:14   |
| ♌ 7 21:50    | ♌ 17 09:51   | ♌ 28 20:29   | ♌ 8 08:16    | ♌ 24 16:26   |              | Jan. -2902j  | ♌ 7 08:52    | ♌ 19 01:46   | ♌ 31 14:51   |
| ♌ 10 02:58   | ♌ 19 15:00   | ♌ 31 02:49   | ♌ 10 15:45   | ♌ 27 04:59   | ♌ 29 16:30   | ♌ 1 18:28    | ♌ 11 21:02   | ♌ 21 11:16   |              |
| ♌ 12 10:38   | ♌ 21 23:31   |              | ♌ 13 02:45   | July -2903j  | ♌ 2 02:04    | ♌ 4 06:55    | ♌ 14 08:23   | ♌ 23 23:36   | Aug. -2901j  |
| ♌ 14 21:20   | ♌ 24 11:15   | June -2904j  | ♌ 15 15:23   | ♌ 2 02:04    | ♌ 4 09:27    | ♌ 6 19:42    | ♌ 16 21:18   | ♌ 26 12:42   | ♌ 3 01:45    |
| ♌ 17 10:02   | ♌ 27 00:12   | ♌ 2 12:49    | ♌ 18 03:18   | ♌ 6 19:42    | ♌ 8 18:09    | ♌ 10 07:09   | ♌ 19 09:52   | ♌ 29 00:58   | ♌ 5 14:18    |
| ♌ 19 22:13   | ♌ 29 11:30   | ♌ 5 01:15    | ♌ 20 13:04   | ♌ 11 16:28   | ♌ 13 23:30   | ♌ 15 16:50   | ♌ 21 20:54   | ♌ 31 11:36   | ♌ 8 03:01    |
| ♌ 22 07:30   |              | ♌ 7 13:36    | ♌ 22 20:30   | ♌ 16 28:06   | ♌ 17 04:19   | ♌ 18 07:12   | ♌ 22 10:05   | ♌ 23 13:45   | ♌ 10 14:57   |
| ♌ 24 13:13   | Dec. -2905j  | ♌ 9 23:47    | ♌ 24 12:33   | ♌ 19 09:37   | ♌ 20 10:12   | ♌ 22 12:51   | ♌ 24 12:36   | ♌ 25 15:51   | ♌ 13 01:18   |
| ♌ 26 16:17   | ♌ 1 19:36    | ♌ 12 07:15   | ♌ 26 16:29   | ♌ 22 00:24   | ♌ 24 12:36   | ♌ 26 17:48   | ♌ 28 02:05   | ♌ 30 08:04   | ♌ 15 09:02   |
| ♌ 28 18:17   | ♌ 4 00:44    | ♌ 14 12:33   | ♌ 28 08:55   | ♌ 27 09:37   | ♌ 29 02:35   | ♌ 31 16:05   | ♌ 3 03:14    | ♌ 6 20:50    | ♌ 8 03:01    |
|              |              |              |              |              |              |              |              |              |              |