

## Astronomical Calendar for 2006 and 2007

The subsequent calendars were calculated principally from data on the **U.S. Naval Observatory's Web site** (<http://aa.usno.navy.mil/data/>), and from its publication, **Astronomical Phenomena for 2006 and 2007**.

Times listed here are **Central Standard Time**, except for the period from 2:00 a.m. on the first Sunday in April until 2:00 a.m. on the last Sunday in October, when **Daylight Saving Time**, which is one hour later than Central Standard Time, is in effect.

All of Texas is in the Central Time Zone, except El Paso and Hudspeth counties and the northwest corner of Culberson County, which observe **Mountain Time** (see accompanying map). Mountain Time is one hour earlier than Central Time.

**All times are calculated for the intersection of 99° 20' west longitude and 31° 08' north latitude**, which is about 15 miles northeast of Brady, McCulloch County. This point is the **approximate geographical center of the state**.

**To get the time of sunrise or sunset, moonrise or moonset for any point in Texas**, apply the following rule: Add four minutes to the time given in this calendar for each degree of longitude that the place lies west of the 99th meridian; subtract four minutes for each degree of longitude the place lies east of the 99th meridian.

At times there will be considerable variation for distances north and south of the line of 31° 08' north latitude, but the rule for calculating it is complicated. The formula given above will get sufficiently close results. An accompanying map shows the intersection for which all times given here are calculated, with some major Texas cities and their longitudes. These make it convenient to calculate time at any given point.

The Naval Observatory's Web site will allow you to determine more exactly the rise and set times of the Sun and the Moon at your location on a given date or for an entire year.

### Planetary Configurations and Phenomena

The phenomena and planetary configurations of heavens for 2006 and 2007 are given in the center column of the calendar on pages 137–142. Below is an explanation of the symbols used in those tables:

☉ The Sun	● The Earth	♅ Uranus
☾ The Moon	♂ Mars	♆ Neptune
♀ Mercury	♃ Jupiter	♇ Pluto
♀ Venus	♄ Saturn	

### Aspects

♌ This symbol appearing between the symbols for heavenly bodies means they are "in conjunction," that is, having the same longitude as applies to the sky and appearing near each other.

♍ This symbol means that the two heavenly bodies are in "opposition," or differ by 180 degrees of longitude.

### Common Astronomical Terms

★ **Aphelion** — Point at which a planet's orbit is farthest from the sun.

★ **Perihelion** — Point at which a planet's orbit is nearest the sun.

★ **Apogee** — That point of the moon's orbit farthest from the earth.

★ **Perigee** — That point of the moon's orbit nearest the earth.

### The Seasons, 2006 and 2007

#### 2006

The seasons of 2006 begin as follows: **Spring**, March 20, 12:26 p.m. (CST); **Summer**, June 21, 7:26 a.m. (CDT); **Fall**, Sept. 22, 11:03 p.m. (CDT); **Winter**, Dec. 21, 6:22 p.m. (CST).

#### 2007

The seasons of 2007 begin as follows: **Spring**, March 20, 6:07 p.m. (CST); **Summer**, June 21, 1:06 p.m. (CDT); **Fall**, Sept. 23, 4:51 a.m. (CDT); **Winter**, Dec. 22, 12:08 a.m. (CST).

### Morning and Evening Stars, 2006 and 2007

#### Morning Stars, 2006

Venus — Jan. 19 – Sept. 19

Mars — Dec. 10 – Dec. 31

Jupiter — Jan. 1 – May 4; Dec. 5 – Dec. 31

Saturn — Jan. 1 – Jan. 27; Aug. 26 – Dec. 31

#### Evening Stars, 2007

Venus — Jan. 1 – Jan. 8; Dec. 8 – Dec. 31

Mars — Jan. 1 – Sept. 7

Jupiter — May 4 – Nov. 9;

Saturn — Jan. 27 – July 20

#### Morning Stars, 2006

Venus — Aug. 22 – Dec. 31

Mars — Jan. 1 – Dec. 24

Jupiter — Jan. 1 – June 5

Saturn — Jan. 1 – Feb. 10; Sept. 9 – Dec. 31

#### Evening Stars, 2007

Venus — Jan. 1 – Aug. 13

Mars — Dec. 24 – Dec. 31

Jupiter — June 5 – Dec. 10

Saturn — Feb. 10 – Aug. 4

### Eclipses, 2006 and 2007

#### Eclipses, 2006

There will be three eclipses during 2006, two of the Sun and one of the Moon, as follows:

**March 29 — Total eclipse of the sun**, visible in Brazil, Ghana, Togo, Benin, Nigeria, Niger, northwest Chad, Libya, northwest tip of Egypt, Turkey, northwest Georgia, southwest Russia, Kazakhstan, southern tip of Russia, ending in the northern tip of Mongolia.

**Sept. 7 — Partial eclipse of the moon**, visible in parts of Antarctica, Australasia, Asia, Africa, Europe including the British Isles.

**Sept. 22 — Annular eclipse of the sun**, visible in Guyana, Suriname, French Guiana, south Atlantic Ocean, ending southwest of the Kerguelen Islands.

#### Eclipses, 2007

There will be four eclipses in 2007, two of the Sun and two of the Moon, as follows:

**March 3–4 — Total eclipse of the moon**, visible in the Arctic, Asia except eastern part, Europe including the British Isles, Africa, South America, and eastern portions of Central and North America.

**March 19 — Partial eclipse of the sun**, visible in most of Alaska, eastern and central Asia except central Japan, and western Russia.

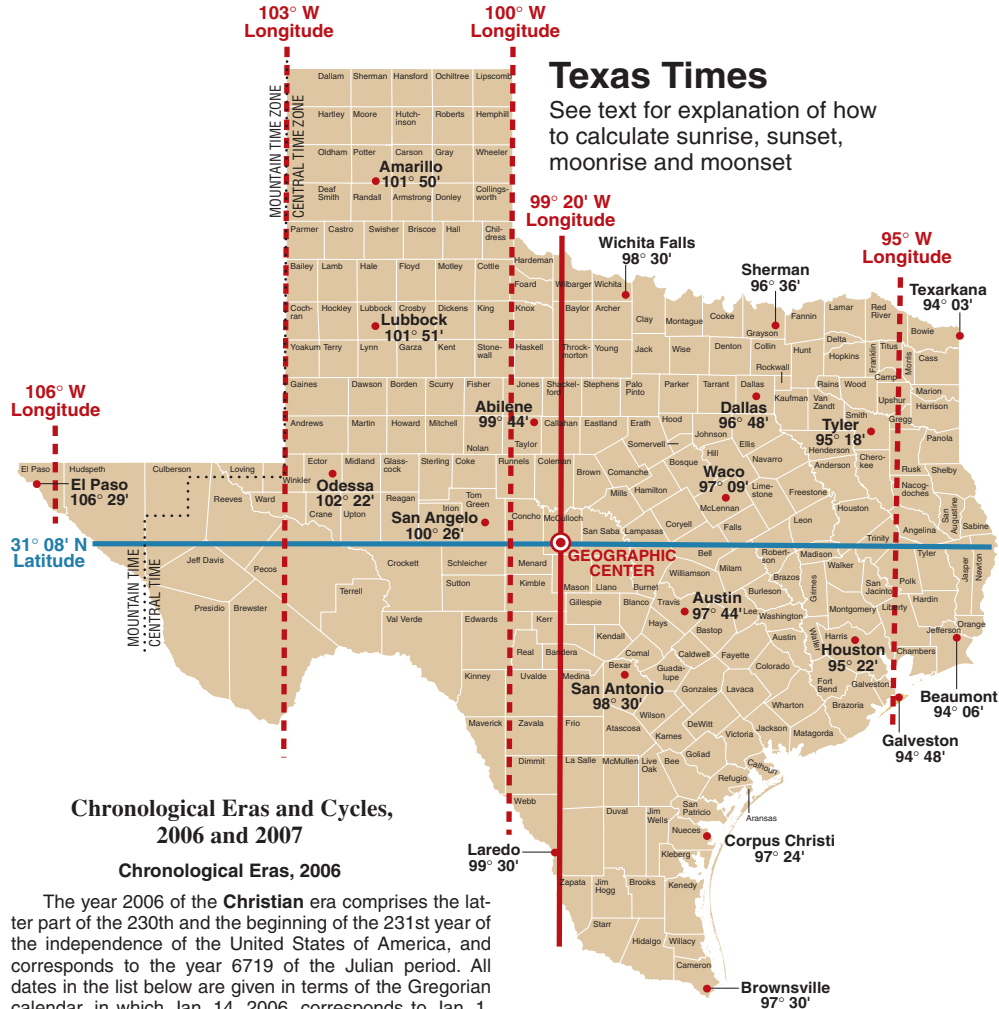
**Aug. 28 — Total eclipse of the moon**, visible in the Americas except eastern part of South America and northeast parts of North America, the Pacific Ocean, eastern Asia, Australasia and Antarctica.

**Sept. 11 — Partial eclipse of the sun**, visible in parts of Antarctica, South America except northern part, and southwestern Atlantic Ocean.

### Major Meteor Showers

These are approximate dates. Listen to local news/weather broadcasts several days beforehand to determine peak observation days and hours. Generally, viewing will be better after 2 a.m. of date listed. (*Meteor shower dates provided by Robert Hawkes, Mt. Allison University, Dept. of Physics, Sackville, New Brunswick, Canada.*)

Meteor Shower	Peak 2006	Peak 2007
Quadrantid	Jan. 4	Jan. 4
Lyrid	April 22–23	April 23
Perseid	Aug. 13	Aug. 13
Orionid	Oct. 22	Oct. 22
Leonid	Nov. 18	Nov. 18
Geminid	Dec. 14	Dec. 15



# Texas Times

See text for explanation of how to calculate sunrise, sunset, moonrise and moonset

## Chronological Eras and Cycles, 2006 and 2007

### Chronological Eras, 2006

The year 2006 of the **Christian** era comprises the latter part of the 230th and the beginning of the 231st year of the independence of the United States of America, and corresponds to the year 6719 of the Julian period. All dates in the list below are given in terms of the Gregorian calendar, in which Jan. 14, 2006, corresponds to Jan. 1, 2006, Julian calendar.

Era	Year	Begins
Byzantine	7515	Sept. 14
Jewish (A.M.)*	5767	Sept. 22
Chinese (Bing-xu)	4643	Jan. 29
Roman (A.U.C.)	2759	Jan. 14
Nabonassar	2755	April 22
Japanese	2666	Jan. 1
Grecian (Seleucidae)	2318	Sept. 14 or Oct. 14
Indian (Saka)	1928	March 22
Diocletian	1723	Sept. 11
Islamic (Hegira)*	1427	Jan. 30

\*Year begins at sunset.

### Chronological Cycles, 2006

Dominical Letter . . . . . A	Julian Period . . . . . 6719
Epact . . . . . 30	Roman Indiction . . . . . 14
Golden Number or Lunar Cycle . . . . . XII	Solar Cycle . . . . . 27

### Chronological Eras, 2007

The year 2007 of the **Christian** era comprises the latter part of the 231st and the beginning of the 232nd year of the independence of the United States of America, and

corresponds to the year 6720 of the Julian period. All dates in the list below are given in terms of the Gregorian calendar, in which Jan. 14, 2007, corresponds to Jan. 1, 2007, of the Julian calendar:

Era	Year	Begins
Byzantine	7516	Sept. 14
Jewish (A.M.)*	5768	Sept. 12
Chinese (Ding-hai)	4644	Feb. 18
Roman (A.U.C.)	2760	Jan. 14
Nabonassar	2756	April 22
Japanese	2667	Jan. 1
Grecian (Seleucidae)	2319	Sept. 14 or Oct. 14
Indian (Saka)	1929	March 22
Diocletian	1724	Sept. 12
Islamic (Hegira)*	1428	Jan. 19

\*Year begins at sunset.

### Chronological Cycles, 2007

Dominical Letter . . . . . G	Julian Period . . . . . 6720
Epact . . . . . 11	Roman Indiction . . . . . 15
Golden Number or Lunar Cycle . . . . . XIII	Solar Cycle . . . . . 28

### Calendar for 2006

Times are **Central Standard Time**, except from April 2 to Oct. 29, during which **Daylight Saving Time** is observed. **Boldface times for moonrise and moonset** indicate p.m. Times are figured for the point **99° 10' West and 31° 23' North**, the approximate geographical center of the state. See page 135 for explanation of how to get the approximate time at any other Texas point. (On the Web: <http://aa.usno.navy.mil/data/>) Please note: Not all eclipses are visible in United States. For visibility, see listing on p. 135.

**1st Month January 2006 31 Days**  
**Moon's Phases** — *First Qtr.*, Jan. 6, 12:56 p.m.; *Full*, Jan. 14, 3:48 a.m.; *Last Qtr.*, Jan. 22, 9:14 a.m.; *New*, Jan. 29, 8:15 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
1	1	Su.	7:36	5:46	9:18	<b>7:41</b>
2	2	Mo.	7:36	5:47	10:03	<b>8:54</b>
3	3	Tu.	7:36	5:48	10:40	<b>10:04</b>
4	4	We.	7:36	5:48	11:14	<b>11:11</b>
5	5	Th.	7:37	5:49	11:44	
6	6	Fr.	7:37	5:50	<b>12:14</b>	12:16
7	7	Sa.	7:37	5:51	<b>12:45</b>	1:19
8	8	Su.	7:37	5:52	<b>1:18</b>	2:23
9	9	Mo.	7:37	5:52	<b>1:55</b>	3:27
10	10	Tu.	7:37	5:53	<b>2:38</b>	4:30
11	11	We.	7:37	5:54	<b>3:26</b>	5:32
12	12	Th.	7:37	5:55	<b>4:20</b>	6:29
13	13	Fr.	7:37	5:56	<b>5:17</b>	7:21
14	14	Sa.	7:36	5:57	<b>6:16</b>	8:05
15	15	Su.	7:36	5:58	<b>7:15</b>	8:43
16	16	Mo.	7:36	5:58	<b>8:11</b>	9:16
17	17	Tu.	7:36	5:59	<b>9:06</b>	9:45
18	18	We.	7:36	6:00	<b>10:00</b>	10:11
19	19	Th.	7:35	6:01	<b>10:54</b>	10:36
20	20	Fr.	7:35	6:02	<b>11:48</b>	11:01
21	21	Sa.	7:35	6:03	11:27	
22	22	Su.	7:34	6:04	12:44	11:55
23	23	Mo.	7:34	6:05	1:44	<b>12:27</b>
24	24	Tu.	7:34	6:06	2:47	<b>1:06</b>
25	25	We.	7:33	6:06	3:53	<b>1:54</b>
26	26	Th.	7:33	6:07	5:00	<b>2:51</b>
27	27	Fr.	7:32	6:08	6:05	<b>3:59</b>
28	28	Sa.	7:32	6:09	7:02	<b>5:13</b>
29	29	Su.	7:31	6:10	7:52	<b>6:29</b>
30	30	Mo.	7:31	6:11	8:34	<b>7:43</b>
31	31	Tu.	7:30	6:12	9:10	<b>8:54</b>

**2nd Month February 2006 28 Days**  
**Moon's Phases** — *First Qtr.*, Feb. 5, 12:29 a.m.; *Full*, Feb. 12, 10:44 p.m.; *Last Qtr.*, Feb. 21, 1:17 a.m.; *New*, Feb. 27, 6:31 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
32	1	We.	7:29	6:13	9:43	<b>10:02</b>
33	2	Th.	7:29	6:14	10:14	<b>11:09</b>
34	3	Fr.	7:28	6:15	10:45	
35	4	Sa.	7:27	6:15	11:19	12:14
36	5	Su.	7:27	6:16	11:55	1:20
37	6	Mo.	7:26	6:17	<b>12:36</b>	2:24
38	7	Tu.	7:25	6:18	<b>1:23</b>	3:27
39	8	We.	7:24	6:19	<b>2:15</b>	4:25
40	9	Th.	7:24	6:20	<b>3:11</b>	5:18
41	10	Fr.	7:23	6:21	<b>4:09</b>	6:04
42	11	Sa.	7:22	6:21	<b>5:07</b>	6:44
43	12	Su.	7:21	6:22	<b>6:05</b>	7:18
44	13	Mo.	7:20	6:23	<b>7:00</b>	7:48
45	14	Tu.	7:19	6:24	<b>7:55</b>	8:15
46	15	We.	7:18	6:25	<b>8:48</b>	8:40
47	16	Th.	7:18	6:26	<b>9:42</b>	9:04
48	17	Fr.	7:17	6:26	<b>10:37</b>	9:29
49	18	Sa.	7:16	6:27	<b>11:34</b>	9:56
50	19	Su.	7:15	6:28	10:26	
51	20	Mo.	7:14	6:29	12:35	11:02
52	21	Tu.	7:13	6:30	1:38	11:44
53	22	We.	7:12	6:30	2:43	<b>12:35</b>
54	23	Th.	7:11	6:31	3:47	<b>1:36</b>
55	24	Fr.	7:09	6:32	4:46	<b>2:45</b>
56	25	Sa.	7:08	6:33	5:38	<b>3:59</b>
57	26	Su.	7:07	6:33	6:23	<b>5:14</b>
58	27	Mo.	7:06	6:34	7:02	<b>6:28</b>
59	28	Tu.	7:05	6:35	7:37	<b>7:39</b>

\*See text before January calendar for explanation.

**3rd Month March 2006 31 Days**  
**Moon's Phases** — *First Qtr.*, March 6, 2:16 p.m.; *Full*, March 14, 5:35 p.m.; *Last Qtr.*, March 22, 1:10 p.m.; *New*, March 29, 4:15 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
60	1	We.	7:04	6:36	8:10	<b>8:48</b>
61	2	Th.	7:03	6:36	8:42	<b>9:57</b>
62	3	Fr.	7:02	6:37	9:15	<b>11:05</b>
63	4	Sa.	7:01	6:38	9:52	
64	5	Su.	6:59	6:39	10:32	12:12
65	6	Mo.	6:58	6:39	11:18	1:18
66	7	Tu.	6:57	6:40	<b>12:09</b>	2:19
67	8	We.	6:56	6:41	<b>1:04</b>	3:15
68	9	Th.	6:55	6:41	<b>2:02</b>	4:03
69	10	Fr.	6:54	6:42	<b>3:01</b>	4:45
70	11	Sa.	6:52	6:43	<b>3:58</b>	5:20
71	12	Su.	6:51	6:43	<b>4:55</b>	5:51
72	13	Mo.	6:50	6:44	<b>5:49</b>	6:19
73	14	Tu.	6:49	6:45	<b>6:43</b>	6:44
74	15	We.	6:47	6:46	<b>7:37</b>	7:09
75	16	Th.	6:46	6:46	<b>8:32</b>	7:34
76	17	Fr.	6:45	6:47	<b>9:29</b>	8:00
77	18	Sa.	6:44	6:48	<b>10:28</b>	8:29
78	19	Su.	6:42	6:48	<b>11:30</b>	9:02
79	20	Mo.	6:41	6:49	9:41	
80	21	Tu.	6:40	6:49	12:33	10:28
81	22	We.	6:39	6:50	1:36	11:24
82	23	Th.	6:37	6:51	2:35	<b>12:27</b>
83	24	Fr.	6:36	6:51	3:28	<b>1:37</b>
84	25	Sa.	6:35	6:52	4:15	<b>2:49</b>
85	26	Su.	6:34	6:53	4:55	<b>4:01</b>
86	27	Mo.	6:32	6:53	5:31	<b>5:13</b>
87	28	Tu.	6:31	6:54	6:04	<b>6:22</b>
88	29	We.	6:30	6:55	6:36	<b>7:32</b>
89	30	Th.	6:29	6:55	7:09	<b>8:42</b>
90	31	Fr.	6:27	6:56	7:45	<b>9:52</b>

**4th Month April 2006 30 Days**  
**Moon's Phases** — *First Qtr.*, April 5, 7:01 a.m.; *Full*, April 13, 11:40 a.m.; *Last Qtr.*, April 20, 10:28 p.m.; *New*, April 27, 2:44 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
91	1	Sa.	6:26	6:57	8:24	<b>11:01</b>
92	2	Su.	7:25	7:57	10:09	12:01
93	3	Mo.	7:24	7:58	11:00	1:06
94	4	Tu.	7:22	7:59	11:55	2:06
95	5	We.	7:21	7:59	<b>12:54</b>	2:59
96	6	Th.	7:20	8:00	<b>1:53</b>	3:43
97	7	Fr.	7:19	8:00	<b>2:51</b>	4:21
98	8	Sa.	7:18	8:01	<b>3:48</b>	4:53
99	9	Su.	7:16	8:02	<b>4:43</b>	5:22
100	10	Mo.	7:15	8:02	<b>5:37</b>	5:48
101	11	Tu.	7:14	8:03	<b>6:31</b>	6:13
102	12	We.	7:13	8:04	<b>7:26</b>	6:37
103	13	Th.	7:12	8:04	<b>8:22</b>	7:03
104	14	Fr.	7:11	8:05	<b>9:21</b>	7:31
105	15	Sa.	7:09	8:06	<b>10:23</b>	8:03
106	16	Su.	7:08	8:06	<b>11:26</b>	8:41
107	17	Mo.	7:07	8:07	9:26	
108	18	Tu.	7:06	8:08	12:30	10:18
109	19	We.	7:05	8:08	1:30	11:19
110	20	Th.	7:04	8:09	2:24	<b>12:26</b>
111	21	Fr.	7:03	8:10	3:11	<b>1:35</b>
112	22	Sa.	7:02	8:10	3:52	<b>2:45</b>
113	23	Su.	7:01	8:11	4:28	<b>3:54</b>
114	24	Mo.	7:00	8:12	5:01	<b>5:02</b>
115	25	Tu.	6:59	8:12	5:33	<b>6:10</b>
116	26	We.	6:58	8:13	6:04	<b>7:18</b>
117	27	Th.	6:57	8:14	6:38	<b>8:28</b>
118	28	Fr.	6:56	8:14	7:16	<b>9:38</b>
119	29	Sa.	6:55	8:15	7:59	<b>10:47</b>
120	30	Su.	6:54	8:16	8:47	<b>11:51</b>

† Daylight Saving Time begins at 2:00 a.m.

Calendar for 2006 (Cont'd.)

5th Month May 2006 31 Days

Moon's Phases — *First Qtr.*, May 5, 12:13 a.m.; *Full*, May 13, 1:51 a.m.; *Last Qtr.*, May 20, 4:20 a.m.; *New*, May 27, 12:26 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
121	1	Mo.	6:53	8:16	9:42	
122	2	Tu.	6:52	8:17	10:41	12:48
123	3	We.	6:51	8:18	11:41	1:37
124	4	Th.	6:50	8:18	12:41	2:18
125	5	Fr.	6:49	8:19	1:39	2:53
126	6	Sa.	6:48	8:20	2:34	3:23
127	7	Su.	6:48	8:21	3:29	3:50
128	8	Mo.	6:47	8:21	4:22	4:15
129	9	Tu.	6:46	8:22	5:17	4:40
130	10	We.	6:45	8:23	6:13	5:05
131	11	Th.	6:45	8:23	7:11	5:33
132	12	Fr.	6:44	8:24	8:13	6:04
133	13	Sa.	6:43	8:25	9:17	6:40
134	14	Su.	6:42	8:25	10:21	7:22
135	15	Mo.	6:42	8:26	11:23	8:13
136	16	Tu.	6:41	8:27		9:13
137	17	We.	6:41	8:27	12:20	10:18
138	18	Th.	6:40	8:28	1:10	11:27
139	19	Fr.	6:39	8:29	1:52	12:36
140	20	Sa.	6:39	8:29	2:29	1:44
141	21	Su.	6:38	8:30	3:02	2:50
142	22	Mo.	6:38	8:31	3:33	3:56
143	23	Tu.	6:37	8:31	4:03	5:02
144	24	We.	6:37	8:32	4:35	6:09
145	25	Th.	6:36	8:32	5:10	7:18
146	26	Fr.	6:36	8:33	5:50	8:27
147	27	Sa.	6:36	8:34	6:36	9:34
148	28	Su.	6:35	8:34	7:28	10:35
149	29	Mo.	6:35	8:35	8:26	11:28
150	30	Tu.	6:35	8:35	9:27	
151	31	We.	6:34	8:36	10:28	12:13

6th Month June 2006 30 Days

Moon's Phases — *First Qtr.*, June 3, 6:06 p.m.; *Full*, June 11, 1:03 p.m.; *Last Qtr.*, June 18, 9:08 a.m.; *New*, June 25, 11:05 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
152	1	Th.	6:34	8:36	11:27	12:50
153	2	Fr.	6:34	8:37	12:24	1:23
154	3	Sa.	6:34	8:38	1:19	1:51
155	4	Su.	6:33	8:38	2:13	2:17
156	5	Mo.	6:33	8:39	3:07	2:41
157	6	Tu.	6:33	8:39	4:02	3:06
158	7	We.	6:33	8:40	4:59	3:33
159	8	Th.	6:33	8:40	5:59	4:02
160	9	Fr.	6:33	8:40	7:02	4:36
161	10	Sa.	6:33	8:41	8:07	5:16
162	11	Su.	6:33	8:41	9:12	6:04
163	12	Mo.	6:33	8:42	10:12	7:02
164	13	Tu.	6:33	8:42	11:05	8:07
165	14	We.	6:33	8:42	11:51	9:17
166	15	Th.	6:33	8:43		10:28
167	16	Fr.	6:33	8:43	12:30	11:37
168	17	Sa.	6:33	8:43	1:04	12:44
169	18	Su.	6:33	8:44	1:35	1:49
170	19	Mo.	6:34	8:44	2:06	2:54
171	20	Tu.	6:34	8:44	2:36	3:59
172	21	We.	6:34	8:44	3:09	5:06
173	22	Th.	6:34	8:45	3:47	6:13
174	23	Fr.	6:34	8:45	4:29	7:20
175	24	Sa.	6:35	8:45	5:18	8:22
176	25	Su.	6:35	8:45	6:14	9:18
177	26	Mo.	6:35	8:45	7:14	10:06
178	27	Tu.	6:36	8:45	8:15	10:47
179	28	We.	6:36	8:45	9:15	11:21
180	29	Th.	6:36	8:45	10:14	11:51
181	30	Fr.	6:37	8:45	11:10	

\*See text before January calendar for explanation.

7th Month July 2006 31 Days

Moon's Phases — *First Qtr.*, July 3, 11:37 a.m.; *Full*, July 10, 10:02 p.m.; *Last Qtr.*, July 17, 2:12 p.m.; *New*, July 24, 11:31 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
182	1	Sa.	6:37	8:45	12:04	12:18
183	2	Su.	6:38	8:45	12:57	12:43
184	3	Mo.	6:38	8:45	1:51	1:07
185	4	Tu.	6:38	8:45	2:46	1:32
186	5	We.	6:39	8:45	3:44	2:00
187	6	Th.	6:39	8:45	4:45	2:31
188	7	Fr.	6:40	8:45	5:50	3:08
189	8	Sa.	6:40	8:44	6:55	3:53
190	9	Su.	6:41	8:44	7:58	4:46
191	10	Mo.	6:41	8:44	8:55	5:49
192	11	Tu.	6:42	8:44	9:45	6:59
193	12	We.	6:42	8:43	10:27	8:12
194	13	Th.	6:43	8:43	11:04	9:24
195	14	Fr.	6:43	8:43	11:37	10:33
196	15	Sa.	6:44	8:42		11:41
197	16	Su.	6:45	8:42	12:08	12:47
198	17	Mo.	6:45	8:42	12:39	1:52
199	18	Tu.	6:46	8:41	1:11	2:59
200	19	We.	6:46	8:41	1:47	4:05
201	20	Th.	6:47	8:40	2:27	5:11
202	21	Fr.	6:47	8:40	3:13	6:14
203	22	Sa.	6:48	8:39	4:06	7:12
204	23	Su.	6:49	8:39	5:04	8:02
205	24	Mo.	6:49	8:38	6:04	8:45
206	25	Tu.	6:50	8:37	7:05	9:21
207	26	We.	6:51	8:37	8:04	9:52
208	27	Th.	6:51	8:36	9:01	10:20
209	28	Fr.	6:52	8:36	9:56	10:45
210	29	Sa.	6:52	8:35	10:49	11:09
211	30	Su.	6:53	8:34	11:43	11:34
212	31	Mo.	6:54	8:33	12:37	

8th Month August 2006 31 Days

Moon's Phases — *First Qtr.*, Aug. 2, 3:46 a.m.; *Full*, Aug. 9, 5:54 a.m.; *Last Qtr.*, Aug. 15, 8:51 p.m.; *New*, Aug. 23, 2:10 p.m.; *First Qtr.*, Aug. 31, 5:56 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
213	1	Tu.	6:54	8:33	1:33	12:00
214	2	We.	6:55	8:32	2:31	12:29
215	3	Th.	6:56	8:31	3:33	1:03
216	4	Fr.	6:56	8:30	4:37	1:43
217	5	Sa.	6:57	8:29	5:40	2:31
218	6	Su.	6:57	8:29	6:40	3:29
219	7	Mo.	6:58	8:28	7:33	4:36
220	8	Tu.	6:59	8:27	8:20	5:48
221	9	We.	6:59	8:26	8:59	7:02
222	10	Th.	7:00	8:25	9:35	8:14
223	11	Fr.	7:01	8:24	10:07	9:25
224	12	Sa.	7:01	8:23	10:39	10:34
225	13	Su.	7:02	8:22	11:11	11:42
226	14	Mo.	7:03	8:21	11:47	12:50
227	15	Tu.	7:03	8:20		1:58
228	16	We.	7:04	8:19	12:26	3:05
229	17	Th.	7:04	8:18	1:11	4:09
230	18	Fr.	7:05	8:17	2:02	5:08
231	19	Sa.	7:06	8:16	2:58	6:00
232	20	Su.	7:06	8:15	3:57	6:44
233	21	Mo.	7:07	8:14	4:58	7:22
234	22	Tu.	7:07	8:12	5:57	7:54
235	23	We.	7:08	8:11	6:54	8:23
236	24	Th.	7:09	8:10	7:50	8:48
237	25	Fr.	7:09	8:09	8:43	9:13
238	26	Sa.	7:10	8:08	9:37	9:37
239	27	Su.	7:10	8:07	10:30	10:03
240	28	Mo.	7:11	8:05	11:25	10:30
241	29	Tu.	7:12	8:04	12:22	11:01
242	30	We.	7:12	8:03		1:21
243	31	Th.	7:13	8:02	2:23	

Calendar for 2006 (Cont'd.)

9th Month September 2006 30 Days

Moon's Phases — Full, Sept. 7, 1:42 p.m.; Last Qtr., Sept. 14, 6:15 a.m.; New, Sept. 22, 6:45 a.m.; First Qtr., Sept. 30, 6:04 a.m.

Day of			Planetary Configurations and Phenomena	*Hour of			
Year	Month	Week		Sunrise	Sunset	Moon-rise	Moon-set
244	1	Fr.	♃ superior	7:13	8:01	3:25	12:21
245	2	Sa.		7:14	7:59	4:25	1:13
246	3	Su.		7:15	7:58	5:20	2:15
247	4	Mo.		7:15	7:57	6:09	3:23
248	5	Tu.	♁ stationary; ♄ ♃; ♃ ♁	7:16	7:56	6:51	4:35
249	6	We.		7:16	7:54	7:29	5:48
250	7	Th.	Full ♁; perigee & eclipse ♁	7:17	7:53	8:03	7:00
251	8	Fr.		7:17	7:52	8:35	8:12
252	9	Sa.		7:18	7:51	9:08	9:22
253	10	Su.		7:19	7:49	9:43	10:32
254	11	Mo.		7:19	7:48	10:22	11:43
255	12	Tu.		7:20	7:47	11:06	12:53
256	13	We.		7:20	7:46	11:56	2:00
257	14	Th.	Last qtr. ♁;	7:21	7:44		3:02
258	15	Fr.	♃ ♁	7:21	7:43	12:52	3:57
259	16	Sa.		7:22	7:42	1:51	4:44
260	17	Su.		7:23	7:40	2:51	5:24
261	18	Mo.	♃ ♁	7:23	7:39	3:51	5:57
262	19	Tu.		7:24	7:38	4:49	6:26
263	20	We.		7:24	7:36	5:44	6:53
264	21	Th.		7:25	7:35	6:38	7:18
265	22	Fr.	New ♁; apogee & eclipse ♁	7:26	7:34	7:32	7:42
266	23	Sa.	Autumnal equinox; ♃ ♁	7:26	7:33	8:25	8:07
267	24	Su.		7:27	7:31	9:20	8:33
268	25	Mo.		7:27	7:30	10:16	9:03
269	26	Tu.	♃ ♁	7:28	7:29	11:14	9:37
270	27	We.		7:29	7:27	12:14	10:18
271	28	Th.		7:29	7:26	1:15	11:06
272	29	Fr.		7:30	7:25	2:15	
273	30	Sa.	1st qtr. ♁	7:30	7:24	3:10	12:02

10th Month October 2006 31 Days

Moon's Phases — Full, Oct. 6, 11:13 p.m.; Last Qtr., Oct. 13, 7:26 p.m.; New, Oct. 22, 12:14 a.m.; First Qtr., Oct. 29, 3:25 p.m.

Day of			Planetary Configurations and Phenomena	*Hour of			
Year	Month	Week		Sunrise	Sunset	Moon-rise	Moon-set
274	1	Su.		7:31	7:22	4:00	1:05
275	2	Mo.		7:32	7:21	4:43	2:13
276	3	Tu.	♃ ♁	7:32	7:20	5:22	3:24
277	4	We.	♄ ♁	7:33	7:19	5:57	4:35
278	5	Th.		7:33	7:17	6:30	5:45
279	6	Fr.	Full ♁; ♁ at perigee	7:34	7:16	7:02	6:56
280	7	Sa.		7:35	7:15	7:37	8:07
281	8	Su.		7:35	7:14	8:15	9:19
282	9	Mo.		7:36	7:13	8:58	10:32
283	10	Tu.		7:37	7:11	9:47	11:43
284	11	We.		7:37	7:10	10:42	12:50
285	12	Th.		7:38	7:09	11:42	1:50
286	13	Fr.	Last qtr. ♁	7:39	7:08		2:41
287	14	Sa.		7:39	7:07	12:43	3:23
288	15	Su.		7:40	7:06	1:44	3:59
289	16	Mo.	♃ ♁; ♃ gr. elongation E	7:41	7:04	2:42	4:29
290	17	Tu.		7:41	7:03	3:39	4:57
291	18	We.		7:42	7:02	4:33	5:22
292	19	Th.	♁ at apogee	7:43	7:01	5:27	5:46
293	20	Fr.		7:44	7:00	6:20	6:11
294	21	Sa.		7:44	6:59	7:14	6:37
295	22	Su.	New ♁	7:45	6:58	8:10	7:06
296	23	Mo.	♃ ♁	7:46	6:57	9:08	7:39
297	24	Tu.	♃ ♁; ♃ ♁	7:47	6:56	10:08	8:18
298	25	We.	♃ ♁	7:47	6:55	11:09	9:03
299	26	Th.		7:48	6:54	12:09	9:56
300	27	Fr.	♃ superior	7:49	6:53	1:05	10:57
301	28	Sa.	♃ ♁; ♃ stationary	7:50	6:52	1:55	
302	29	Su.	1st qtr. ♁; ♃ stationary	6:50	5:51	1:40	
303	30	Mo.	♃ ♁	6:51	5:50	2:18	12:09
304	31	Tu.		6:52	5:50	2:53	1:17

\*See text before January calendar for explanation.  
† Daylight Saving Time ends at 2:00 a.m.

11th Month November 2006 30 Days

Moon's Phases — Full, Nov. 5, 6:58 a.m.; Last Qtr., Nov. 12, 11:45 a.m.; New, Nov. 20, 4:18 p.m.; First Qtr., Nov. 28, 12:29 a.m.

Day of			Planetary Configurations and Phenomena	*Hour of			
Year	Month	Week		Sunrise	Sunset	Moon-rise	Moon-set
305	1	We.	♄ ♁	6:53	5:49	3:25	2:25
306	2	Th.		6:54	5:48	3:57	3:33
307	3	Fr.	♁ at perigee	6:54	5:47	4:30	4:42
308	4	Sa.		6:55	5:46	5:06	5:52
309	5	Su.	Full ♁	6:56	5:46	5:46	7:05
310	6	Mo.		6:57	5:45	6:33	8:18
311	7	Tu.		6:58	5:44	7:27	9:29
312	8	We.	♃ inferior	6:58	5:43	8:26	10:34
313	9	Th.		6:59	5:43	9:29	11:31
314	10	Fr.		7:00	5:42	10:32	12:18
315	11	Sa.		7:01	5:41	11:33	12:57
316	12	Su.	Last qtr. ♁; ♃ ♁	7:02	5:41		1:30
317	13	Mo.		7:03	5:40	12:31	1:59
318	14	Tu.		7:04	5:40	1:26	2:25
319	15	We.	♁ at apogee	7:04	5:39	2:20	2:49
320	16	Th.		7:05	5:39	3:13	3:14
321	17	Fr.	♃ stationary	7:06	5:38	4:07	3:39
322	18	Sa.		7:07	5:38	5:02	4:07
323	19	Su.	♃ ♁	7:08	5:37	6:00	4:39
324	20	Mo.	New ♁; ♄ stationary	7:09	5:37	7:00	5:16
325	21	Tu.	♃ ♁	7:10	5:37	8:01	6:00
326	22	We.		7:10	5:36	9:02	6:52
327	23	Th.		7:11	5:36	10:00	7:51
328	24	Fr.		7:12	5:36	10:53	8:55
329	25	Sa.	♃ greatest elongation W	7:13	5:35	11:39	10:02
330	26	Su.	♃ ♁	7:14	5:35	12:18	11:08
331	27	Mo.		7:15	5:35	12:54	
332	28	Tu.	1st qtr. ♁; ♄ ♁	7:16	5:35	1:26	12:15
333	29	We.		7:16	5:35	1:56	1:20
334	30	Th.		7:17	5:35	2:27	2:26

12th Month December 2006 31 Days

Moon's Phases — Full, Dec. 4, 6:25 p.m.; Last Qtr., Dec. 12, 8:32 a.m.; New, Dec. 20, 8:01 a.m.; First Qtr., Dec. 27, 8:48 a.m.

Day of			Planetary Configurations and Phenomena	*Hour of			
Year	Month	Week		Sunrise	Sunset	Moon-rise	Moon-set
335	1	Fr.	♁ at perigee	7:18	5:35	3:00	3:33
336	2	Sa.		7:19	5:35	3:37	4:42
337	3	Su.		7:20	5:35	4:20	5:53
338	4	Mo.	Full ♁	7:20	5:35	5:11	7:05
339	5	Tu.		7:21	5:35	6:08	8:13
340	6	We.	♃ stationary	7:22	5:35	7:11	9:15
341	7	Th.		7:23	5:35	8:15	10:07
342	8	Fr.		7:23	5:35	9:18	10:51
343	9	Sa.	♃ ♁	7:24	5:35	10:19	11:27
344	10	Su.	♃ ♁; ♃ ♁	7:25	5:35	11:16	11:58
345	11	Mo.	♃ ♁	7:26	5:36		12:26
346	12	Tu.	Last qtr. ♁	7:26	5:36	12:11	12:51
347	13	We.	♁ at apogee	7:27	5:36	1:04	1:15
348	14	Th.		7:28	5:36	1:57	1:40
349	15	Fr.		7:28	5:37	2:52	2:07
350	16	Sa.		7:29	5:37	3:48	2:37
351	17	Su.		7:30	5:37	4:47	3:12
352	18	Mo.	♃ ♁; ♃ ♁; ♃ ♁	7:30	5:38	5:49	3:54
353	19	Tu.		7:31	5:38	6:51	4:43
354	20	We.	New ♁	7:31	5:39	7:51	5:41
355	21	Th.	Winter solstice	7:32	5:39	8:47	6:45
356	22	Fr.		7:32	5:40	9:36	7:53
357	23	Sa.	♃ ♁	7:33	5:40	10:18	9:01
358	24	Su.		7:33	5:41	10:55	10:08
359	25	Mo.	♄ ♁	7:34	5:41	11:28	11:13
360	26	Tu.		7:34	5:42	11:59	
361	27	We.	1st qtr. ♁; ♁ at perigee	7:34	5:43	12:29	12:18
362	28	Th.		7:35	5:43	1:00	1:23
363	29	Fr.		7:35	5:44	1:35	2:30
364	30	Sa.		7:35	5:45	2:14	3:38
365	31	Su.		7:36	5:45	3:00	4:48

\*See text before January calendar for explanation.  
† Daylight Saving Time ends at 2:00 a.m.



### Calendar for 2007

Times are **Central Standard Time**, except from April 1 to Oct. 28, during which **Daylight Saving Time** is observed. **Boldface times for moonrise and moonset** indicate p.m. Times are figured for the point **99° 10' West and 31° 23' North**, the approximate geographical center of the state. **See page 135 for explanation of how to get the approximate time at any other Texas point.** (On the Web: <http://aa.usno.navy.mil/data/>) Please note: Not all **eclipses** are visible in United States. For visibility, see listing on p. 135.

**1st Month January 2007 31 Days**

**Moon's Phases** — Full, Jan. 3, 7:57 a.m.; Last Qtr., Jan. 11, 6:45 a.m.; New, Jan. 18, 10:01 p.m.; First Qtr., Jan. 25, 5:01 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
1	1	Mo.	7:36	5:46	<b>3:53</b>	5:56
2	2	Tu.	7:36	5:47	<b>4:53</b>	7:00
3	3	We.	7:36	5:48	<b>5:57</b>	7:56
4	4	Th.	7:36	5:48	<b>7:02</b>	8:43
5	5	Fr.	7:37	5:49	<b>8:04</b>	9:23
6	6	Sa.	7:37	5:50	<b>9:03</b>	9:56
7	7	Su.	7:37	5:51	<b>10:00</b>	10:25
8	8	Mo.	7:37	5:51	<b>10:54</b>	10:51
9	9	Tu.	7:37	5:52	<b>11:48</b>	11:16
10	10	We.	7:37	5:53		11:41
11	11	Th.	7:37	5:54	12:41	<b>12:07</b>
12	12	Fr.	7:37	5:55	1:36	<b>12:35</b>
13	13	Sa.	7:37	5:56	2:34	<b>1:08</b>
14	14	Su.	7:37	5:56	3:33	<b>1:46</b>
15	15	Mo.	7:36	5:57	4:35	<b>2:31</b>
16	16	Tu.	7:36	5:58	5:36	<b>3:25</b>
17	17	We.	7:36	5:59	6:35	<b>4:28</b>
18	18	Th.	7:36	6:00	7:27	<b>5:35</b>
19	19	Fr.	7:35	6:01	8:13	<b>6:45</b>
20	20	Sa.	7:35	6:02	8:53	<b>7:55</b>
21	21	Su.	7:35	6:03	9:28	<b>9:03</b>
22	22	Mo.	7:35	6:04	10:00	<b>10:10</b>
23	23	Tu.	7:34	6:04	10:31	<b>11:16</b>
24	24	We.	7:34	6:05	11:02	
25	25	Th.	7:33	6:06	11:36	12:23
26	26	Fr.	7:33	6:07	<b>12:13</b>	1:31
27	27	Sa.	7:32	6:08	<b>12:56</b>	2:39
28	28	Su.	7:32	6:09	<b>1:46</b>	3:47
29	29	Mo.	7:31	6:10	<b>2:43</b>	4:51
30	30	Tu.	7:31	6:11	<b>3:44</b>	5:48
31	31	We.	7:30	6:12	<b>4:48</b>	6:38

**2nd Month February 2007 28 Days**

**Moon's Phases** — Full, Feb. 1, 11:45 p.m.; Last Qtr., Feb. 10, 3:51 a.m.; New, Feb. 17, 10:14 a.m.; First Qtr., Feb. 24, 1:56 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
32	1	Th.	7:30	6:13	<b>5:51</b>	7:20
33	2	Fr.	7:29	6:13	<b>6:51</b>	7:55
34	3	Sa.	7:28	6:14	<b>7:49</b>	8:25
35	4	Su.	7:28	6:15	<b>8:44</b>	8:52
36	5	Mo.	7:27	6:16	<b>9:38</b>	9:18
37	6	Tu.	7:26	6:17	<b>10:32</b>	9:42
38	7	We.	7:25	6:18	<b>11:26</b>	10:08
39	8	Th.	7:25	6:19		10:35
40	9	Fr.	7:24	6:20	12:22	11:05
41	10	Sa.	7:23	6:20	1:20	11:40
42	11	Su.	7:22	6:21	2:20	<b>12:21</b>
43	12	Mo.	7:21	6:22	3:20	<b>1:10</b>
44	13	Tu.	7:21	6:23	4:19	<b>2:08</b>
45	14	We.	7:20	6:24	5:14	<b>3:12</b>
46	15	Th.	7:19	6:25	6:03	<b>4:22</b>
47	16	Fr.	7:18	6:25	6:46	<b>5:33</b>
48	17	Sa.	7:17	6:26	7:23	<b>6:43</b>
49	18	Su.	7:16	6:27	7:58	<b>7:53</b>
50	19	Mo.	7:15	6:28	8:30	<b>9:02</b>
51	20	Tu.	7:14	6:29	9:02	<b>10:11</b>
52	21	We.	7:13	6:29	9:36	<b>11:20</b>
53	22	Th.	7:12	6:30	10:13	
54	23	Fr.	7:11	6:31	10:54	12:30
55	24	Sa.	7:10	6:32	11:43	1:39
56	25	Su.	7:09	6:33	<b>12:37</b>	2:45
57	26	Mo.	7:08	6:33	<b>1:37</b>	3:44
58	27	Tu.	7:07	6:34	<b>2:39</b>	4:36
59	28	We.	7:05	6:35	<b>3:42</b>	5:19

\*See text before January calendar for explanation.

**3rd Month March 2007 31 Days**

**Moon's Phases** — Full, March 3, 5:17 p.m.; Last Qtr., March 11, 9:54 p.m.; New, March 18, 8:43 p.m.; First Qtr., March 25, 12:16 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
60	1	Th.	7:04	6:36	<b>4:42</b>	5:56
61	2	Fr.	7:03	6:36	<b>5:40</b>	6:27
62	3	Sa.	7:02	6:37	<b>6:36</b>	6:55
63	4	Su.	7:01	6:38	<b>7:30</b>	7:21
64	5	Mo.	7:00	6:38	<b>8:24</b>	7:45
65	6	Tu.	6:59	6:39	<b>9:18</b>	8:10
66	7	We.	6:57	6:40	<b>10:13</b>	8:37
67	8	Th.	6:56	6:41	<b>11:10</b>	9:05
68	9	Fr.	6:55	6:41		9:38
69	10	Sa.	6:54	6:42	12:09	10:16
70	11	Su.	6:53	6:43	1:08	11:01
71	12	Mo.	6:51	6:43	2:06	11:53
72	13	Tu.	6:50	6:44	3:01	<b>12:53</b>
73	14	We.	6:49	6:45	3:52	<b>1:59</b>
74	15	Th.	6:48	6:45	4:36	<b>3:08</b>
75	16	Fr.	6:46	6:46	5:16	<b>4:18</b>
76	17	Sa.	6:45	6:47	5:52	<b>5:28</b>
77	18	Su.	6:44	6:47	6:25	<b>6:38</b>
78	19	Mo.	6:43	6:48	6:57	<b>7:48</b>
79	20	Tu.	6:41	6:49	7:31	<b>9:00</b>
80	21	We.	6:40	6:49	8:08	<b>10:13</b>
81	22	Th.	6:39	6:50	8:49	<b>11:25</b>
82	23	Fr.	6:38	6:51	9:37	
83	24	Sa.	6:36	6:51	10:31	12:35
84	25	Su.	6:35	6:52	11:30	1:38
85	26	Mo.	6:34	6:53	<b>12:33</b>	2:33
86	27	Tu.	6:33	6:53	<b>1:35</b>	3:19
87	28	We.	6:31	6:54	<b>2:36</b>	3:58
88	29	Th.	6:30	6:55	<b>3:35</b>	4:30
89	30	Fr.	6:29	6:55	<b>4:31</b>	4:59
90	31	Sa.	6:28	6:56	<b>5:25</b>	5:25

**4th Month April 2007 30 Days**

**Moon's Phases** — Full, April 2, 12:15 p.m.; Last Qtr., April 10, 1:04 p.m.; New, April 17, 6:36 a.m.; First Qtr., April 24, 1:36 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
91	1	Su.	7:26	7:56	<b>7:18</b>	6:50
92	2	Mo.	7:25	7:57	<b>8:12</b>	7:14
93	3	Tu.	7:24	7:58	<b>9:07</b>	7:40
94	4	We.	7:23	7:58	<b>10:03</b>	8:08
95	5	Th.	7:22	7:59	<b>11:01</b>	8:39
96	6	Fr.	7:20	8:00		9:15
97	7	Sa.	7:19	8:00	12:00	9:57
98	8	Su.	7:18	8:01	12:58	10:46
99	9	Mo.	7:17	8:02	1:54	11:42
100	10	Tu.	7:16	8:02	2:44	<b>12:44</b>
101	11	We.	7:14	8:03	3:30	<b>1:49</b>
102	12	Th.	7:13	8:04	4:10	<b>2:57</b>
103	13	Fr.	7:12	8:04	4:46	<b>4:04</b>
104	14	Sa.	7:11	8:05	5:19	<b>5:12</b>
105	15	Su.	7:10	8:06	5:52	<b>6:22</b>
106	16	Mo.	7:09	8:06	6:24	<b>7:33</b>
107	17	Tu.	7:07	8:07	7:00	<b>8:46</b>
108	18	We.	7:06	8:08	7:39	<b>10:01</b>
109	19	Th.	7:05	8:08	8:25	<b>11:15</b>
110	20	Fr.	7:04	8:09	9:18	
111	21	Sa.	7:03	8:10	10:18	12:24
112	22	Su.	7:02	8:10	11:22	1:24
113	23	Mo.	7:01	8:11	<b>12:26</b>	2:15
114	24	Tu.	7:00	8:12	<b>1:29</b>	2:57
115	25	We.	6:59	8:12	<b>2:29</b>	3:32
116	26	Th.	6:58	8:13	<b>3:26</b>	4:02
117	27	Fr.	6:57	8:14	<b>4:20</b>	4:29
118	28	Sa.	6:56	8:14	<b>5:14</b>	4:54
119	29	Su.	6:55	8:15	<b>6:07</b>	5:19
120	30	Mo.	6:54	8:16	<b>7:01</b>	5:44

† Daylight Saving Time begins at 2:00 a.m.

Calendar for 2007 (Cont'd.)

5th Month May 2007 31 Days

Moon's Phases — Full, May 2, 5:09 a.m.; Last Qtr., May 9, 11:27 p.m.; New, May 16, 2:27 p.m.; First Qtr., May 23, 4:03 p.m.; Full, May 31, 8:04 p.m.

Day of			*Hour of				
Year	Month	Week	Planetary Configurations and Phenomena	Sunrise	Sunset	Moon-rise	Moon-set
121	1	Tu.		6:53	8:16	7:57	6:41
122	2	We.	Full ☾; ☽ superior	6:52	8:17	8:55	6:41
123	3	Th.		6:51	8:18	9:54	7:16
124	4	Fr.		6:50	8:18	10:52	7:56
125	5	Sa.	♃ ☾ ☾	6:49	8:19	11:49	8:43
126	6	Su.		6:49	8:20		9:37
127	7	Mo.		6:48	8:20	12:41	10:37
128	8	Tu.		6:47	8:21	1:27	11:40
129	9	We.	Last qtr. ☾	6:46	8:22	2:08	12:45
130	10	Th.	♃ ☾ ☾	6:45	8:22	2:44	1:50
131	11	Fr.		6:45	8:23	3:17	2:55
132	12	Sa.	♄ ☾ ☾; ☽ ☾ ☾	6:44	8:24	3:49	4:01
133	13	Su.		6:43	8:24	4:20	5:09
134	14	Mo.		6:43	8:25	4:53	6:20
135	15	Tu.	☾ at perigee	6:42	8:26	5:30	7:33
136	16	We.	New ☾	6:41	8:26	6:12	8:48
137	17	Th.	♃ ☾ ☾	6:41	8:27	7:02	10:01
138	18	Fr.		6:40	8:28	8:00	11:08
139	19	Sa.	♃ ☾ ☾	6:39	8:28	9:04	
140	20	Su.		6:39	8:29	10:11	12:05
141	21	Mo.		6:38	8:30	11:16	12:52
142	22	Tu.	♃ ☾ ☾	6:38	8:30	12:19	1:30
143	23	We.	1st qtr. ☾	6:37	8:31	1:18	2:03
144	24	Th.		6:37	8:32	2:14	2:31
145	25	Fr.	♃ stationary	6:37	8:32	3:08	2:57
146	26	Sa.		6:36	8:33	4:01	3:22
147	27	Su.	☾ at apogee	6:36	8:33	4:55	3:47
148	28	Mo.		6:35	8:34	5:50	4:13
149	29	Tu.		6:35	8:35	6:47	4:43
150	30	We.		6:35	8:35	7:46	5:16
151	31	Th.	Full ☾	6:34	8:36	8:45	5:55

6th Month June 2007 30 Days

Moon's Phases — Last Qtr., June 8, 6:43 a.m.; New, June 14, 6:03 p.m.; First Qtr., June 22, 8:15 a.m.; Full, June 30, 8:49 a.m.

Day of			*Hour of				
Year	Month	Week	Planetary Configurations and Phenomena	Sunrise	Sunset	Moon-rise	Moon-set
152	1	Fr.	♃ ☾ ☾	6:34	8:36	9:43	6:40
153	2	Sa.	♃ greatest elongation E	6:34	8:37	10:37	7:33
154	3	Su.		6:34	8:37	11:25	8:31
155	4	Mo.		6:34	8:38		9:34
156	5	Tu.	♃ ☾ ☾	6:33	8:38	12:08	10:38
157	6	We.	♃ ☾ ☾	6:33	8:39	12:45	11:43
158	7	Th.		6:33	8:39	1:18	12:47
159	8	Fr.	Last qtr. ☾; ♀ gr. elong. E	6:33	8:40	1:49	1:51
160	9	Sa.		6:33	8:40	2:20	2:55
161	10	Su.	♃ ☾ ☾	6:33	8:41	2:51	4:02
162	11	Mo.		6:33	8:41	3:25	5:12
163	12	Tu.	☾ at perigee	6:33	8:42	4:03	6:25
164	13	We.		6:33	8:42	4:49	7:38
165	14	Th.	New ☾;	6:33	8:42	5:42	8:47
166	15	Fr.	♃ stationary	6:33	8:43	6:44	9:49
167	16	Sa.	♃ ☾ ☾	6:33	8:43	7:50	10:41
168	17	Su.		6:33	8:43	8:58	11:24
169	18	Mo.	♃ ☾ ☾	6:33	8:44	10:03	
170	19	Tu.	♃ ☾ ☾; ♀ ☾ ☾	6:34	8:44	11:05	12:00
171	20	We.		6:34	8:44	12:03	12:31
172	21	Th.	Summer solstice	6:34	8:44	12:59	12:58
173	22	Fr.	1st qtr. ☾	6:34	8:44	1:53	1:24
174	23	Sa.	♄ stationary	6:34	8:45	2:47	1:49
175	24	Su.	☾ at apogee	6:35	8:45	3:42	2:15
176	25	Mo.		6:35	8:45	4:38	2:43
177	26	Tu.		6:35	8:45	5:36	3:14
178	27	We.		6:36	8:45	6:36	3:51
179	28	Th.	♃ ☾ ☾; ♀ inferior	6:36	8:45	7:34	4:34
180	29	Fr.		6:36	8:45	8:30	5:25
181	30	Sa.	Full ☾	6:37	8:45	9:21	6:22

\*See text before January calendar for explanation.

7th Month July 2007 31 Days

Moon's Phases — Last Qtr., July 7, 11:54 a.m.; New, July 14, 7:04 a.m.; First Qtr., July 22, 1:29 a.m.; Full, July 29, 7:48 p.m.

Day of			*Hour of				
Year	Month	Week	Planetary Configurations and Phenomena	Sunrise	Sunset	Moon-rise	Moon-set
182	1	Su.	♃ ☾ ☾	6:37	8:45	10:06	7:25
183	2	Mo.		6:37	8:45	10:46	8:30
184	3	Tu.	♃ ☾ ☾	6:38	8:45	11:20	9:35
185	4	We.		6:38	8:45	11:52	10:40
186	5	Th.	♄ ☾ ☾	6:39	8:45		11:44
187	6	Fr.	♄ at aphelion	6:39	8:45	12:22	12:48
188	7	Sa.	Last qtr. ☾	6:40	8:45	12:53	1:53
189	8	Su.		6:40	8:44	1:25	3:01
190	9	Mo.	♃ ☾ ☾; ☾ at perigee	6:41	8:44	2:00	4:10
191	10	Tu.		6:41	8:44	2:42	5:21
192	11	We.		6:42	8:44	3:31	6:31
193	12	Th.	♀ gr. brilliancy; ♃ ☾ ☾	6:42	8:44	4:28	7:35
194	13	Fr.		6:43	8:43	5:32	8:31
195	14	Sa.	New ☾	6:43	8:43	6:39	9:17
196	15	Su.		6:44	8:43	7:46	9:56
197	16	Mo.	♃ ☾ ☾	6:44	8:42	8:50	10:29
198	17	Tu.	♃ ☾ ☾	6:45	8:42	9:50	10:58
199	18	We.		6:46	8:41	10:48	11:24
200	19	Th.		6:46	8:41	11:43	11:50
201	20	Fr.	♃ greatest elongation W	6:47	8:40	12:38	
202	21	Sa.		6:47	8:40	1:32	12:15
203	22	Su.	1st qtr. ☾; ☾ at apogee	6:48	8:39	2:28	12:43
204	23	Mo.		6:49	8:39	3:25	1:13
205	24	Tu.		6:49	8:38	4:24	1:47
206	25	We.	♃ stationary; ♃ ☾ ☾	6:50	8:38	5:23	2:27
207	26	Th.		6:50	8:37	6:20	3:15
208	27	Fr.		6:51	8:36	7:13	4:09
209	28	Sa.		6:52	8:36	8:01	5:10
210	29	Su.	Full ☾	6:52	8:35	8:43	6:16
211	30	Mo.	♃ ☾ ☾	6:53	8:34	9:20	7:23
212	31	Tu.		6:54	8:34	9:53	8:29

8th Month August 2007 31 Days

Moon's Phases — Last Qtr., Aug. 5, 4:20 p.m.; New, Aug. 12, 6:03 p.m.; First Qtr., Aug. 20, 6:54 p.m.; Full, Aug. 28, 5:35 a.m.

Day of			*Hour of				
Year	Month	Week	Planetary Configurations and Phenomena	Sunrise	Sunset	Moon-rise	Moon-set
213	1	We.	♄ ☾ ☾	6:54	8:33	10:25	9:35
214	2	Th.		6:55	8:32	10:55	10:41
215	3	Fr.	☾ at perigee	6:55	8:31	11:27	11:46
216	4	Sa.		6:56	8:30		12:53
217	5	Su.	Last qtr. ☾	6:57	8:30	12:01	2:02
218	6	Mo.	♃ ☾ ☾	6:57	8:29	12:40	3:12
219	7	Tu.	♃ stationary	6:58	8:28	1:26	4:21
220	8	We.		6:59	8:27	2:19	5:26
221	9	Th.		6:59	8:26	3:20	6:23
222	10	Fr.		7:00	8:25	4:25	7:12
223	11	Sa.		7:00	8:24	5:31	7:53
224	12	Su.	New ☾	7:01	8:23	6:36	8:28
225	13	Mo.	♃ ☾ ☾	7:02	8:22	7:37	8:58
226	14	Tu.		7:02	8:21	8:36	9:25
227	15	We.	♃ superior	7:03	8:20	9:32	9:51
228	16	Th.		7:04	8:19	10:27	10:17
229	17	Fr.	♀ inferior	7:04	8:18	11:22	10:43
230	18	Sa.	☾ at apogee	7:05	8:17	12:17	11:12
231	19	Su.		7:05	8:16	1:14	11:44
232	20	Mo.	1st qtr. ☾	7:06	8:15	2:12	
233	21	Tu.	♃ ☾ ☾; ♃ ☾ ☾	7:07	8:14	3:10	12:21
234	22	We.		7:07	8:13	4:07	1:05
235	23	Th.		7:08	8:12	5:02	1:56
236	24	Fr.		7:08	8:10	5:52	2:54
237	25	Sa.		7:09	8:09	6:36	3:57
238	26	Su.		7:10	8:08	7:16	5:03
239	27	Mo.	♃ ☾ ☾	7:10	8:07	7:51	6:11
240	28	Tu.	Full ☾; eclipse ☾	7:11	8:06	8:24	7:18
241	29	We.	♄ ☾ ☾	7:11	8:05	8:55	8:26
242	30	Th.	☾ at perigee	7:12	8:03	9:27	9:33
243	31	Fr.		7:13	8:02	10:01	10:42

Calendar for 2007 (Cont'd.)

9th Month September 2007 30 Days

Moon's Phases — Last Qtr., Sept. 3, 9:32 p.m.; New, Sept. 11, 7:44 a.m.; First Qtr., Sept. 19, 11:48 a.m.; Full, Sept. 26, 2:45 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
244	1	Sa.	7:13	8:01	10:40	11:52
245	2	Su.	7:14	8:00	11:24	1:03
246	3	Mo.	7:14	7:58		2:13
247	4	Tu.	7:15	7:57	12:15	3:20
248	5	We.	7:16	7:56	1:13	4:19
249	6	Th.	7:16	7:55	2:16	5:10
250	7	Fr.	7:17	7:54	3:22	5:53
251	8	Sa.	7:17	7:52	4:26	6:29
252	9	Su.	7:18	7:51	5:28	7:00
253	10	Mo.	7:18	7:50	6:27	7:28
254	11	Tu.	7:19	7:48	7:23	7:54
255	12	We.	7:20	7:47	8:19	8:19
256	13	Th.	7:20	7:46	9:13	8:45
257	14	Fr.	7:21	7:45	10:08	9:13
258	15	Sa.	7:21	7:43	11:04	9:44
259	16	Su.	7:22	7:42	12:01	10:19
260	17	Mo.	7:23	7:41	12:59	10:59
261	18	Tu.	7:23	7:39	1:56	11:46
262	19	We.	7:24	7:38	2:51	
263	20	Th.	7:24	7:37	3:42	12:40
264	21	Fr.	7:25	7:36	4:28	1:40
265	22	Sa.	7:25	7:34	5:09	2:43
266	23	Su.	7:26	7:33	5:45	3:49
267	24	Mo.	7:27	7:32	6:19	4:56
268	25	Tu.	7:27	7:30	6:51	6:04
269	26	We.	7:28	7:29	7:24	7:12
270	27	Th.	7:28	7:28	7:58	8:21
271	28	Fr.	7:29	7:27	8:35	9:33
272	29	Sa.	7:30	7:25	9:19	10:47
273	30	Su.	7:30	7:24	10:09	12:00

10th Month October 2007 31 Days

Moon's Phases — Last Qtr., Oct. 3, 5:06 a.m.; New, Oct. 11, 12:01 a.m.; First Qtr., Oct. 19, 3:33 a.m.; Full, Oct. 25, 11:52 p.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
274	1	Mo.	7:31	7:23	11:07	1:10
275	2	Tu.	7:31	7:21		2:13
276	3	We.	7:32	7:20	12:09	3:08
277	4	Th.	7:33	7:19	1:15	3:53
278	5	Fr.	7:33	7:18	2:19	4:30
279	6	Sa.	7:34	7:16	3:21	5:03
280	7	Su.	7:35	7:15	4:21	5:31
281	8	Mo.	7:35	7:14	5:17	5:57
282	9	Tu.	7:36	7:13	6:12	6:23
283	10	We.	7:37	7:12	7:07	6:49
284	11	Th.	7:37	7:10	8:02	7:16
285	12	Fr.	7:38	7:09	8:57	7:45
286	13	Sa.	7:39	7:08	9:54	8:19
287	14	Su.	7:39	7:07	10:51	8:57
288	15	Mo.	7:40	7:06	11:48	9:42
289	16	Tu.	7:41	7:05	12:43	10:32
290	17	We.	7:41	7:04	1:35	11:28
291	18	Th.	7:42	7:03	2:21	
292	19	Fr.	7:43	7:01	3:03	12:29
293	20	Sa.	7:43	7:00	3:40	1:32
294	21	Su.	7:44	6:59	4:14	2:36
295	22	Mo.	7:45	6:58	4:46	3:41
296	23	Tu.	7:46	6:57	5:18	4:48
297	24	We.	7:46	6:56	5:51	5:56
298	25	Th.	7:47	6:55	6:27	7:06
299	26	Fr.	7:48	6:54	7:08	8:20
300	27	Sa.	7:49	6:53	7:57	9:36
301	28	Su.	6:49	5:52	7:53	9:51
302	29	Mo.	6:50	5:52	8:57	11:00
303	30	Tu.	6:51	5:51	10:04	12:00
304	31	We.	6:52	5:50	11:11	12:50

\*See text before January calendar for explanation.  
† Daylight Saving Time ends at 2:00 a.m.

11th Month November 2007 30 Days

Moon's Phases — Last Qtr., Nov. 1, 3:18 p.m.; New, Nov. 9, 5:03 p.m.; First Qtr., Nov. 17, 4:33 p.m.; Full, Nov. 24, 8:30 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
305	1	Th.	6:53	5:49		1:31
306	2	Fr.	6:53	5:48	12:15	2:05
307	3	Sa.	6:54	5:47	1:15	2:34
308	4	Su.	6:55	5:46	2:13	3:01
309	5	Mo.	6:56	5:46	3:08	3:27
310	6	Tu.	6:57	5:45	4:02	3:52
311	7	We.	6:57	5:44	4:56	4:19
312	8	Th.	6:58	5:44	5:51	4:48
313	9	Fr.	6:59	5:43	6:48	5:20
314	10	Sa.	7:00	5:42	7:45	5:57
315	11	Su.	7:01	5:42	8:42	6:40
316	12	Mo.	7:02	5:41	9:38	7:28
317	13	Tu.	7:03	5:40	10:31	8:23
318	14	We.	7:03	5:40	11:18	9:21
319	15	Th.	7:04	5:39	12:01	10:22
320	16	Fr.	7:05	5:39	12:38	11:24
321	17	Sa.	7:06	5:38		1:12
322	18	Su.	7:07	5:38	1:43	12:27
323	19	Mo.	7:08	5:37	2:14	1:30
324	20	Tu.	7:09	5:37	2:45	2:34
325	21	We.	7:09	5:37	3:18	3:41
326	22	Th.	7:10	5:36	3:56	4:52
327	23	Fr.	7:11	5:36	4:41	6:06
328	24	Sa.	7:12	5:36	5:34	7:22
329	25	Su.	7:13	5:36	6:36	8:36
330	26	Mo.	7:14	5:35	7:44	9:42
331	27	Tu.	7:14	5:35	8:54	10:39
332	28	We.	7:15	5:35	10:01	11:25
333	29	Th.	7:16	5:35	11:05	12:03
334	30	Fr.	7:17	5:35		12:35

12th Month December 2007 31 Days

Moon's Phases — Last Qtr., Dec. 1, 6:44 a.m.; New, Dec. 9, 11:40 a.m.; First Qtr., Dec. 17, 4:18 a.m.; Full, Dec. 23, 7:16 p.m.; Last Qtr., Dec. 31, 1:51 a.m.

Day of			*Hour of			
Year	Month	Week	Sunrise	Sunset	Moon-rise	Moon-set
335	1	Sa.	7:18	5:35	12:05	1:04
336	2	Su.	7:19	5:35	1:02	1:30
337	3	Mo.	7:19	5:35	1:57	1:56
338	4	Tu.	7:20	5:35	2:51	2:22
339	5	We.	7:21	5:35	3:46	2:50
340	6	Th.	7:22	5:35	4:41	3:21
341	7	Fr.	7:23	5:35	5:38	3:57
342	8	Sa.	7:23	5:35	6:36	4:38
343	9	Su.	7:24	5:35	7:33	5:25
344	10	Mo.	7:25	5:35	8:27	6:18
345	11	Tu.	7:25	5:36	9:16	7:16
346	12	We.	7:26	5:36	10:00	8:17
347	13	Th.	7:27	5:36	10:39	9:18
348	14	Fr.	7:28	5:36	11:13	10:20
349	15	Sa.	7:28	5:37	11:45	11:21
350	16	Su.	7:29	5:37	12:14	
351	17	Mo.	7:29	5:37	12:44	12:23
352	18	Tu.	7:30	5:38	1:15	1:26
353	19	We.	7:31	5:38	1:49	2:32
354	20	Th.	7:31	5:39	2:29	3:42
355	21	Fr.	7:32	5:39	3:17	4:55
356	22	Sa.	7:32	5:40	4:13	6:09
357	23	Su.	7:33	5:40	5:18	7:19
358	24	Mo.	7:33	5:41	6:29	8:21
359	25	Tu.	7:33	5:41	7:39	9:13
360	26	We.	7:34	5:42	8:47	9:56
361	27	Th.	7:34	5:43	9:51	10:32
362	28	Fr.	7:35	5:43	10:51	11:03
363	29	Sa.	7:35	5:44	11:48	11:31
364	30	Su.	7:35	5:44		11:57
365	31	Mo.	7:36	5:45	12:43	12:23



## 201-Year Calendar, A.D. 1894–2094, Inclusive

Using this calendar, you can find the day of the week for any day of the month and year for the period 1894–2094, inclusive. To find any day of the week, first look in the table of common years or leap years for the year required. Under the months are figures that refer to the corresponding figures at the heads of the columns of days below. For example, To know on what day of the week March 2 fell in the year 1918, find 1918 in the table of years. In a parallel line under March is Fig. 5, which directs you to Col. 5 in the table of days, in which it will be seen that March 2 fell on Saturday.

Common Years, 1894 to 2094											Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1894	1900	...	...	...	...	...	...	...	...	...	1	4	4	7	2	5	7	3	6	1	4	6
1906	1917	1923	1934	1945	1951	1962	1973	1979	1990	...	1	4	4	7	2	5	7	3	6	1	4	6
2001	2007	2018	2029	2035	2046	2057	2063	2074	2085	2091	1	4	4	7	2	5	7	3	6	1	4	6
1895	...	...	...	...	...	...	...	...	...	...	2	5	5	1	3	6	1	4	7	2	5	7
1901	1907	1918	1929	1935	1946	1957	1963	1974	1985	1991	2	5	5	1	3	6	1	4	7	2	5	7
2002	2013	2019	2030	2041	2047	2058	2069	2075	2086	2097	2	5	5	1	3	6	1	4	7	2	5	7
1897	...	...	...	...	...	...	...	...	...	...	5	1	1	4	6	2	4	7	3	5	1	3
1909	1915	1926	1937	1943	1954	1965	1971	1982	1993	1999	5	1	1	4	6	2	4	7	3	5	1	3
2010	2021	2027	2038	2049	2055	2066	2077	2083	2094	2100	5	1	1	4	6	2	4	7	3	5	1	3
1898	1910	1921	1927	1938	1949	1955	1966	1977	1983	1994	6	2	2	5	7	3	5	1	4	6	2	4
2005	2011	2022	2033	2039	2050	2061	2067	2078	2089	2095	6	2	2	5	7	3	5	1	4	6	2	4
1899	1905	1911	1922	1933	1939	1950	1961	1967	1978	1989	7	3	3	6	1	4	6	2	5	7	3	5
1995	2006	2017	2023	2034	2045	2051	2062	2073	2079	2090	7	3	3	6	1	4	6	2	5	7	3	5
1902	1913	1919	1930	1941	1947	1958	1969	1975	1986	1997	3	6	6	2	4	7	2	5	1	3	6	1
2003	2014	2025	2031	2042	2053	2059	2070	2081	2087	2098	3	6	6	2	4	7	2	5	1	3	6	1
1903	1914	1925	1931	1942	1953	1959	1970	1981	1987	1998	4	7	7	3	5	1	3	6	2	4	7	2
2009	2015	2026	2037	2043	2054	2065	2071	2082	2093	2099	4	7	7	3	5	1	3	6	2	4	7	2

Leap Years, 1894 to 2094											29											
...	...	1920	1948	1976	2004	2032	2060	2088	...	...	4	7	1	4	6	2	4	7	3	5	1	3
...	...	1924	1952	1980	2008	2036	2064	2092	...	...	2	5	6	2	4	7	2	5	1	3	6	1
...	...	1928	1956	1984	2012	2040	2068	2096	...	...	7	3	4	7	2	5	7	3	6	1	4	6
...	1904	1932	1960	1988	2016	2044	2072	...	...	...	5	1	2	5	7	3	5	1	4	6	2	4
1896	1908	1936	1964	1992	2020	2048	2076	...	...	...	3	6	7	3	5	1	3	6	2	4	7	2
...	1912	1940	1968	1996	2024	2052	2080	...	...	...	1	4	5	1	3	6	1	4	7	2	5	7
...	1916	1944	1972	2000	2028	2056	2084	...	...	...	6	2	3	6	1	4	6	2	5	7	3	5

	1	2	3	4	5	6	7						
Mon.	1	Tues	1	Wed.	1	Thurs.	1	Fri.	1	Sat.	1	SUN.	1
Tues.	2	Wed.	2	Thurs.	2	Fri.	2	Sat.	2	SUN.	2	Mon.	2
Wed.	3	Thurs.	3	Fri.	3	Sat.	3	SUN.	3	Mon.	3	Tues.	3
Thurs.	4	Fri.	4	Sat.	4	SUN.	4	Mon.	4	Tues.	4	Wed.	4
Fri.	5	Sat.	5	SUN.	5	Mon.	5	Tues.	5	Wed.	5	Thurs.	5
Sat.	6	SUN.	6	Mon.	6	Tues.	6	Wed.	6	Thurs.	6	Fri.	6
SUN.	7	Mon.	7	Tues.	7	Wed.	7	Thurs.	7	Fri.	7	Sat.	7
Mon.	8	Tues.	8	Wed.	8	Thurs.	8	Fri.	8	Sat.	8	SUN.	8
Tues.	9	Wed.	9	Thurs.	9	Fri.	9	Sat.	9	SUN.	9	Mon.	9
Wed.	10	Thurs.	10	Fri.	10	Sat.	10	SUN.	10	Mon.	10	Tues.	10
Thurs.	11	Fri.	11	Sat.	11	SUN.	11	Mon.	11	Tues.	11	Wed.	11
Fri.	12	Sat.	12	SUN.	12	Mon.	12	Tues.	12	Wed.	12	Thurs.	12
Sat.	13	SUN.	13	Mon.	13	Tues.	13	Wed.	13	Thurs.	13	Fri.	13
SUN.	14	Mon.	14	Tues.	14	Wed.	14	Thurs.	14	Fri.	14	Sat.	14
Mon.	15	Tues.	15	Wed.	15	Thurs.	15	Fri.	15	Sat.	15	SUN.	15
Tues.	16	Wed.	16	Thurs.	16	Fri.	16	Sat.	16	SUN.	16	Mon.	16
Wed.	17	Thurs.	17	Fri.	17	Sat.	17	SUN.	17	Mon.	17	Tues.	17
Thurs.	18	Fri.	18	Sat.	18	SUN.	18	Mon.	18	Tues.	18	Wed.	18
Fri.	19	Sat.	19	SUN.	19	Mon.	19	Tues.	19	Wed.	19	Thurs.	19
Sat.	20	SUN.	20	Mon.	20	Tues.	20	Wed.	20	Thurs.	20	Fri.	20
SUN.	21	Mon.	21	Tues.	21	Wed.	21	Thurs.	21	Fri.	21	Sat.	21
Mon.	22	Tues.	22	Wed.	22	Thurs.	22	Fri.	22	Sat.	22	SUN.	22
Tues.	23	Wed.	23	Thurs.	23	Fri.	23	Sat.	23	SUN.	23	Mon.	23
Wed.	24	Thurs.	24	Fri.	24	Sat.	24	SUN.	24	Mon.	24	Tues.	24
Thurs.	25	Fri.	25	Sat.	25	SUN.	25	Mon.	25	Tues.	25	Wed.	25
Fri.	26	Sat.	26	SUN.	26	Mon.	26	Tues.	26	Wed.	26	Thurs.	26
Sat.	27	SUN.	27	Mon.	27	Tues.	27	Wed.	27	Thurs.	27	Fri.	27
SUN.	28	Mon.	28	Tues.	28	Wed.	28	Thurs.	28	Fri.	28	Sat.	28
Mon.	29	Tues.	29	Wed.	29	Thurs.	29	Fri.	29	Sat.	29	SUN.	29
Tues.	30	Wed.	30	Thurs.	30	Fri.	30	Sat.	30	SUN.	30	Mon.	30
Wed.	31	Thurs.	31	Fri.	31	Sat.	31	SUN.	31	Mon.	31	Tues.	31

### Beginning of the Year

The Athenians began the year in June, the Macedonians in September, the Romans first in March and later in January, the Persians on Aug. 11, and the ancient Mexicans on Feb. 23. The Chinese year, which begins in late January or early February, is similar to the Mohammedan year. Both have 12 months of 29 and 30 days alternating, while in every 19 years, there are seven years that have 13 months. This does not quite fit the planetary movements, hence the Chinese have formed a cycle of 60 years, in which period 22 intercalary (added to the calendar) months occur.