

ASTRONOMICAL ALMANAC 2011

BELIZE

Lightning



WHAT IS LIGHTNING?

Lightning is a gigantic electrostatic discharge or spark that occurs between other clouds- cloud to cloud lightning (upper left), between the cloud and the ground- cloud to ground lightning (lower left) or within a cloud- intra-cloud lightning (lower right). The creation of lightning is a complicated process. Scientists do not understand yet exactly how it works or how it interacts with the upper atmosphere or the earth 's electromagnetic field.

We generally know what conditions are needed to produce lightning, but there is still debate about exactly how lightning forms. The exact way a cloud builds up the electrical charges that lead to lightning is not completely understood.

January 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Sat 1		2:15 AM CST / -0.12 ft	8:37 AM CST / 0.45 ft	1:10 PM CST / 0.22 ft	7:36 PM CST / 0.91 ft		6:23 AM CST	5:29 PM CST
Sun 2		3:06 AM CST / -0.15 ft	9:23 AM CST / 0.47 ft	2:04 PM CST / 0.19 ft	8:27 PM CST / 0.93 ft		6:23 AM CST	5:30 PM CST
Mon 3		3:50 AM CST / -0.16 ft	10:02 AM CST / /0.48 ft	2:54 PM CST / 0.16 ft	9:12 PM CST / 0.92 ft		6:23 AM CST	5:30 PM CST
Tue 4		4:31 AM CST / -0.15 ft	10:36 AM CST / /0.49 ft	3:41 PM CST / 0.13 ft	9:54 PM CST / 0.90 ft	New Moon	6:24 AM CST	5:31 PM CST
Wed 5		5:09 AM CST / -0.13 ft	11:08 AM CST / /0.51 ft	4:26 PM CST / 0.12 ft	10:34 PM CST / /0.87 ft		6:24 AM CST	5:31 PM CST
Thu 6		5:45 AM CST / -0.10 ft	11:38 AM CST / /0.53 ft	5:11 PM CST / 0.11 ft	11:12 PM CST / /0.81 ft		6:24 AM CST	5:32 PM CST
Fri 7		6:19 AM CST / -0.06 ft	12:08 PM CST / /0.54 ft	5:56 PM CST / 0.11 ft	11:50 PM CST / /0.75 ft		6:24 AM CST	5:33 PM CST
Sat 8		6:51 AM CST / -0.02 ft	12:38 PM CST / /0.57 ft	6:43 PM CST / 0.11 ft			6:25 AM CST	5:33 PM CST
Sun 9	12:30 AM CST / /0.67 ft	7:23 AM CST / 0.03 ft	1:10 PM CST / 0.58 ft	7:35 PM CST / 0.12 ft			6:25 AM CST	5:34 PM CST
Mon 10	1:13 AM CST / 0.59 ft	7:53 AM CST / 0.09 ft	1:46 PM CST / 0.60 ft	8:34 PM CST / 0.12 ft			6:25 AM CST	5:34 PM CST
Tue 11	2:03 AM CST / 0.50 ft	8:26 AM CST / 0.14 ft	2:25 PM CST / 0.62 ft	9:42 PM CST / 0.11 ft			6:25 AM CST	5:35 PM CST
Wed 12	3:04 AM CST / 0.43 ft	9:02 AM CST / 0.19 ft	3:11 PM CST / 0.64 ft	10:56 PM CST / /0.09 ft		First Quarter	6:25 AM CST	5:36 PM CST
Thu 13	4:24 AM CST / 0.37 ft	9:46 AM CST / 0.22 ft	4:04 PM CST / 0.66 ft				6:25 AM CST	5:36 PM CST
Fri 14		12:07 AM CST / /0.04 ft	6:01 AM CST / 0.35 ft	10:43 AM CST / /0.24 ft	5:04 PM CST / 0.69 ft		6:26 AM CST	5:37 PM CST
Sat 15		1:08 AM CST / -0.02 ft	7:20 AM CST / 0.36 ft	11:44 AM CST / /0.24 ft	6:05 PM CST / 0.74 ft		6:26 AM CST	5:38 PM CST
Sun 16		2:00 AM CST / -0.08 ft	8:14 AM CST / 0.38 ft	12:42 PM CST / /0.22 ft	7:03 PM CST / 0.80 ft		6:26 AM CST	5:38 PM CST
Mon 17		2:45 AM CST / -0.14 ft	8:57 AM CST / 0.41 ft	1:36 PM CST / 0.18 ft	7:56 PM CST / 0.86 ft		6:26 AM CST	5:39 PM CST
Tue 18		3:26 AM CST / -0.19 ft	9:35 AM CST / 0.44 ft	2:28 PM CST / 0.13 ft	8:46 PM CST / 0.90 ft		6:26 AM CST	5:39 PM CST
Wed 19		4:05 AM CST / -0.23 ft	10:11 AM CST / /0.48 ft	3:19 PM CST / 0.07 ft	9:35 PM CST / 0.92 ft	Full Moon	6:26 AM CST	5:40 PM CST
Thu 20		4:43 AM CST / -0.24 ft	10:47 AM CST / /0.53 ft	4:10 PM CST / 0.01 ft	10:23 PM CST / /0.90 ft		6:26 AM CST	5:41 PM CST
Fri 21		5:21 AM CST / -0.22 ft	11:23 AM CST / /0.58 ft	5:03 PM CST / -0.04 ft	11:12 PM CST / /0.85 ft		6:26 AM CST	5:41 PM CST
Sat 22		5:58 AM CST / -0.18 ft	11:59 AM CST / /0.63 ft	5:59 PM CST / -0.07 ft			6:26 AM CST	5:42 PM CST
Sun 23	12:03 AM CST / /0.76 ft	6:35 AM CST / -0.12 ft	12:37 PM CST / /0.68 ft	6:59 PM CST / -0.08 ft			6:26 AM CST	5:42 PM CST
Mon 24	12:57 AM CST / /0.64 ft	7:14 AM CST / -0.05 ft	1:18 PM CST / 0.72 ft	8:04 PM CST / -0.08 ft			6:26 AM CST	5:43 PM CST
Tue 25	1:57 AM CST / 0.52 ft	7:55 AM CST / 0.03 ft	2:03 PM CST / 0.75 ft	9:16 PM CST / -0.08 ft			6:26 AM CST	5:44 PM CST
Wed 26	3:10 AM CST / 0.41 ft	8:40 AM CST / 0.10 ft	2:57 PM CST / 0.76 ft	10:36 PM CST / /-0.08 ft		Last Quarter	6:25 AM CST	5:44 PM CST
Thu 27	4:42 AM CST / 0.34 ft	9:34 AM CST / 0.15 ft	4:01 PM CST / 0.76 ft	11:56 PM CST / /-0.09 ft			6:25 AM CST	5:45 PM CST
Fri 28	6:22 AM CST / 0.32 ft	10:40 AM CST / /0.18 ft	5:15 PM CST / 0.76 ft				6:25 AM CST	5:45 PM CST
Sat 29		1:09 AM CST / -0.11 ft	7:36 AM CST / 0.33 ft	11:51 AM CST / /0.18 ft	6:28 PM CST / 0.77 ft		6:25 AM CST	5:46 PM CST
Sun 30		2:08 AM CST / -0.13 ft	8:28 AM CST / 0.36 ft	12:58 PM CST / /0.16 ft	7:31 PM CST / 0.79 ft		6:25 AM CST	5:46 PM CST
Mon 31		2:57 AM CST / -0.14 ft	9:08 AM CST / 0.40 ft	1:56 PM CST / 0.12 ft	8:23 PM CST / 0.80 ft		6:25 AM CST	5:47 PM CST

February 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Tue 1		3:37 AM CST /-0.15 ft	9:41 AM CST / 0.43 ft	2:48 PM CST / 0.08 ft	9:07 PM CST / 0.79 ft		6:24 AM CST	5:47 PM CST
Wed 2		4:12 AM CST /-0.14 ft	10:10 AM CST / 0.46 ft	3:35 PM CST / 0.04 ft	9:46 PM CST / 0.78 ft	New Moon	6:24 AM CST	5:48 PM CST
Thu 3		4:44 AM CST /-0.13 ft	10:37 AM CST / 0.50 ft	4:18 PM CST / 0.01 ft	10:22 PM CST / 0.75 ft		6:24 AM CST	5:48 PM CST
Fri 4		5:13 AM CST /-0.11 ft	11:01 AM CST / 0.54 ft	5:00 PM CST / -0.01 ft	10:57 PM CST / 0.71 ft		6:23 AM CST	5:49 PM CST
Sat 5		5:42 AM CST /-0.08 ft	11:27 AM CST / 0.57 ft	5:41 PM CST / -0.02 ft	11:32 PM CST / 0.65 ft		6:23 AM CST	5:49 PM CST
Sun 6		6:08 AM CST /-0.04 ft	11:54 AM CST / 0.59 ft	6:22 PM CST / -0.02 ft			6:23 AM CST	5:50 PM CST
Mon 7	12:09 AM CST / 0.59 ft	6:34 AM CST / 0.01 ft	12:22 PM CST / 0.61 ft	7:05 PM CST / -0.02 ft			6:22 AM CST	5:50 PM CST
Tue 8	12:49 AM CST / 0.52 ft	7:00 AM CST / 0.06 ft	12:54 PM CST / 0.62 ft	7:53 PM CST / -0.00 ft			6:22 AM CST	5:51 PM CST
Wed 9	1:34 AM CST / 0.44 ft	7:26 AM CST / 0.10 ft	1:30 PM CST / 0.63 ft	8:50 PM CST / 0.01 ft			6:22 AM CST	5:51 PM CST
Thu 10	2:27 AM CST / 0.37 ft	7:56 AM CST / 0.15 ft	2:13 PM CST / 0.63 ft	9:59 PM CST / 0.02 ft			6:21 AM CST	5:52 PM CST
Fri 11	3:40 AM CST / 0.31 ft	8:35 AM CST / 0.18 ft	3:06 PM CST / 0.64 ft	11:18 PM CST / -0.00 ft		First Quarter	6:21 AM CST	5:52 PM CST
Sat 12	5:22 AM CST / 0.28 ft	9:35 AM CST / 0.21 ft	4:13 PM CST / 0.65 ft				6:20 AM CST	5:53 PM CST
Sun 13		12:31 AM CST / -0.04 ft	6:53 AM CST / 0.29 ft	10:56 AM CST / 0.22 ft	5:29 PM CST / 0.69 ft		6:20 AM CST	5:53 PM CST
Mon 14		1:30 AM CST / -0.10 ft	7:49 AM CST / 0.33 ft	12:13 PM CST / 0.18 ft	6:39 PM CST / 0.75 ft		6:20 AM CST	5:53 PM CST
Tue 15		2:18 AM CST / -0.15 ft	8:29 AM CST / 0.38 ft	1:19 PM CST / 0.12 ft	7:41 PM CST / 0.80 ft		6:19 AM CST	5:54 PM CST
Wed 16		2:59 AM CST / -0.19 ft	9:04 AM CST / 0.44 ft	2:18 PM CST / 0.04 ft	8:36 PM CST / 0.84 ft		6:19 AM CST	5:54 PM CST
Thu 17		3:37 AM CST / -0.21 ft	9:38 AM CST / 0.52 ft	3:13 PM CST / -0.05 ft	9:28 PM CST / 0.85 ft		6:18 AM CST	5:55 PM CST
Fri 18		4:13 AM CST / -0.20 ft	10:11 AM CST / 0.60 ft	4:06 PM CST / -0.13 ft	10:18 PM CST / 0.82 ft	Full Moon	6:18 AM CST	5:55 PM CST
Sat 19		4:48 AM CST / -0.17 ft	10:45 AM CST / 0.68 ft	4:59 PM CST / -0.19 ft	11:08 PM CST / 0.75 ft		6:17 AM CST	5:55 PM CST
Sun 20		5:24 AM CST / -0.13 ft	11:21 AM CST / 0.75 ft	5:54 PM CST / -0.22 ft	11:59 PM CST / 0.66 ft		6:16 AM CST	5:56 PM CST
Mon 21		6:01 AM CST / -0.07 ft	11:59 AM CST / 0.79 ft	6:50 PM CST / -0.22 ft			6:16 AM CST	5:56 PM CST
Tue 22	12:52 AM CST / 0.56 ft	6:38 AM CST / -0.01 ft	12:41 PM CST / 0.81 ft	7:51 PM CST / -0.19 ft			6:15 AM CST	5:56 PM CST
Wed 23	1:49 AM CST / 0.45 ft	7:19 AM CST / 0.05 ft	1:27 PM CST / 0.80 ft	8:59 PM CST / -0.15 ft			6:15 AM CST	5:57 PM CST
Thu 24	2:58 AM CST / 0.36 ft	8:05 AM CST / 0.11 ft	2:22 PM CST / 0.77 ft	10:15 PM CST / -0.10 ft		Last Quarter	6:14 AM CST	5:57 PM CST
Fri 25	4:28 AM CST / 0.30 ft	9:02 AM CST / 0.16 ft	3:31 PM CST / 0.73 ft	11:36 PM CST / -0.07 ft			6:13 AM CST	5:57 PM CST
Sat 26	6:06 AM CST / 0.30 ft	10:18 AM CST / 0.19 ft	4:56 PM CST / 0.70 ft				6:13 AM CST	5:58 PM CST
Sun 27		12:51 AM CST / -0.06 ft	7:17 AM CST / 0.33 ft	11:41 AM CST / 0.19 ft	6:18 PM CST / 0.69 ft		6:12 AM CST	5:58 PM CST
Mon 28		1:49 AM CST / -0.07 ft	8:04 AM CST / 0.38 ft	12:54 PM CST / 0.15 ft	7:24 PM CST / 0.70 ft		6:11 AM CST	5:58 PM CST

March 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Tue 1		2:34 AM CST / -0.07 ft	8:40 AM CST / 0.43 ft	1:54 PM CST / 0.10 ft	8:15 PM CST / 0.71 ft		6:11 AM CST	5:59 PM CST
Wed 2		3:09 AM CST / -0.07 ft	9:09 AM CST / 0.48 ft	2:44 PM CST / 0.04 ft	8:57 PM CST / 0.71 ft		6:10 AM CST	5:59 PM CST
Thu 3		3:40 AM CST / -0.06 ft	9:34 AM CST / 0.53 ft	3:28 PM CST / -0.01 ft	9:34 PM CST / 0.70 ft		6:09 AM CST	5:59 PM CST
Fri 4		4:08 AM CST / -0.05 ft	9:57 AM CST / 0.58 ft	4:08 PM CST / -0.05 ft	10:09 PM CST / 0.68 ft	New Moon	6:09 AM CST	5:59 PM CST
Sat 5		4:35 AM CST / -0.03 ft	10:20 AM CST / 0.62 ft	4:46 PM CST / -0.08 ft	10:43 PM CST / 0.65 ft		6:08 AM CST	6:00 PM CST
Sun 6		5:01 AM CST / -0.01 ft	10:45 AM CST / 0.66 ft	5:23 PM CST / -0.09 ft	11:17 PM CST / 0.61 ft		6:07 AM CST	6:00 PM CST
Mon 7		5:26 AM CST / 0.03 ft	11:12 AM CST / 0.68 ft	6:00 PM CST / -0.10 ft	11:53 PM CST / 0.56 ft		6:06 AM CST	6:00 PM CST
Tue 8		5:50 AM CST / 0.06 ft	11:40 AM CST / 0.69 ft	6:38 PM CST / -0.09 ft			6:06 AM CST	6:00 PM CST
Wed 9	12:32 AM CST / 0.50 ft	6:15 AM CST / 0.10 ft	12:11 PM CST / 0.70 ft	7:21 PM CST / -0.07 ft			6:05 AM CST	6:01 PM CST
Thu 10	1:15 AM CST / 0.44 ft	6:41 AM CST / 0.14 ft	12:46 PM CST / 0.69 ft	8:12 PM CST / -0.04 ft			6:04 AM CST	6:01 PM CST
Fri 11	2:07 AM CST / 0.37 ft	7:12 AM CST / 0.17 ft	1:28 PM CST / 0.69 ft	9:16 PM CST / -0.01 ft			6:03 AM CST	6:01 PM CST
Sat 12	3:16 AM CST / 0.32 ft	7:53 AM CST / 0.21 ft	2:22 PM CST / 0.68 ft	10:33 PM CST / -0.01 ft		First Quarter	6:03 AM CST	6:01 PM CST
Sun 13	4:50 AM CST / 0.30 ft	8:57 AM CST / 0.23 ft	3:33 PM CST / 0.68 ft	11:49 PM CST / -0.02 ft			6:02 AM CST	6:02 PM CST
Mon 14	6:16 AM CST / 0.33 ft	10:31 AM CST / 0.23 ft	4:58 PM CST / 0.69 ft				6:01 AM CST	6:02 PM CST
Tue 15		12:50 AM CST / -0.05 ft	7:09 AM CST / 0.38 ft	11:59 AM CST / 0.18 ft	6:19 PM CST / 0.72 ft		6:00 AM CST	6:02 PM CST
Wed 16		1:39 AM CST / -0.08 ft	7:48 AM CST / 0.46 ft	1:10 PM CST / 0.09 ft	7:27 PM CST / 0.76 ft		6:00 AM CST	6:02 PM CST
Thu 17		2:20 AM CST / -0.09 ft	8:23 AM CST / 0.55 ft	2:12 PM CST / -0.02 ft	8:27 PM CST / 0.78 ft		5:59 AM CST	6:03 PM CST
Fri 18		2:58 AM CST / -0.09 ft	8:57 AM CST / 0.65 ft	3:07 PM CST / -0.13 ft	9:21 PM CST / 0.77 ft		5:58 AM CST	6:03 PM CST
Sat 19		3:35 AM CST / -0.08 ft	9:32 AM CST / 0.75 ft	4:00 PM CST / -0.22 ft	10:13 PM CST / 0.74 ft	Full Moon	5:57 AM CST	6:03 PM CST
Sun 20		4:12 AM CST / -0.05 ft	10:08 AM CST / 0.84 ft	4:52 PM CST / -0.28 ft	11:03 PM CST / 0.68 ft		5:57 AM CST	6:03 PM CST
Mon 21		4:49 AM CST / -0.01 ft	10:46 AM CST / 0.90 ft	5:45 PM CST / -0.29 ft	11:53 PM CST / 0.61 ft		5:56 AM CST	6:03 PM CST
Tue 22		5:27 AM CST / 0.03 ft	11:26 AM CST / 0.92 ft	6:38 PM CST / -0.27 ft			5:55 AM CST	6:04 PM CST
Wed 23	12:44 AM CST / 0.52 ft	6:06 AM CST / 0.07 ft	12:10 PM CST / 0.91 ft	7:35 PM CST / -0.21 ft			5:54 AM CST	6:04 PM CST
Thu 24	1:40 AM CST / 0.44 ft	6:49 AM CST / 0.12 ft	12:58 PM CST / 0.86 ft	8:38 PM CST / -0.13 ft			5:53 AM CST	6:04 PM CST
Fri 25	2:44 AM CST / 0.38 ft	7:39 AM CST / 0.17 ft	1:55 PM CST / 0.79 ft	9:50 PM CST / -0.06 ft			5:53 AM CST	6:04 PM CST
Sat 26	4:05 AM CST / 0.35 ft	8:43 AM CST / 0.21 ft	3:05 PM CST / 0.72 ft	11:06 PM CST / -0.01 ft		Last Quarter	5:52 AM CST	6:04 PM CST
Sun 27	5:33 AM CST / 0.36 ft	10:07 AM CST / 0.23 ft	4:32 PM CST / 0.67 ft				5:51 AM CST	6:05 PM CST
Mon 28		12:15 AM CST / 0.02 ft	6:39 AM CST / 0.41 ft	11:36 AM CST / 0.22 ft	5:58 PM CST / 0.65 ft		5:50 AM CST	6:04 PM CST
Tue 29		1:10 AM CST / 0.03 ft	7:24 AM CST / 0.46 ft	12:49 PM CST / 0.17 ft	7:06 PM CST / 0.65 ft		5:49 AM CST	6:05 PM CST
Wed 30		1:53 AM CST / 0.04 ft	7:57 AM CST / 0.52 ft	1:47 PM CST / 0.10 ft	7:58 PM CST / 0.65 ft		5:49 AM CST	6:05 PM CST
Thu 31		2:27 AM CST / 0.05 ft	8:25 AM CST / 0.58 ft	2:35 PM CST / 0.04 ft	8:41 PM CST / 0.65 ft		5:48 AM CST	6:05 PM CST

April 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Fri 1		2:58 AM CST / 0.06 ft	8:49 AM CST / 0.64 ft	3:16 PM CST / -0.02 ft	9:19 PM CST / 0.64 ft		5:47 AM CST	6:05 PM CST
Sat 2		3:26 AM CST / 0.07 ft	9:13 AM CST / 0.69 ft	3:54 PM CST / -0.07 ft	9:54 PM CST / 0.63 ft		5:46 AM CST	6:06 PM CST
Sun 3		3:52 AM CST / 0.09 ft	9:38 AM CST / 0.73 ft	4:29 PM CST / -0.10 ft	10:29 PM CST / 0.61 ft	New Moon	5:45 AM CST	6:06 PM CST
Mon 4		4:18 AM CST / 0.11 ft	10:05 AM CST / 0.77 ft	5:04 PM CST / -0.12 ft	11:04 PM CST / 0.59 ft		5:45 AM CST	6:06 PM CST
Tue 5		4:44 AM CST / 0.13 ft	10:34 AM CST / 0.79 ft	5:40 PM CST / -0.12 ft	11:42 PM CST / 0.55 ft		5:44 AM CST	6:06 PM CST
Wed 6		5:10 AM CST / 0.15 ft	11:04 AM CST / 0.79 ft	6:18 PM CST / -0.11 ft			5:43 AM CST	6:06 PM CST
Thu 7	12:22 AM CST / 0.51 ft	5:38 AM CST / 0.18 ft	11:37 AM CST / 0.79 ft	7:00 PM CST / -0.09 ft			5:42 AM CST	6:07 PM CST
Fri 8	1:06 AM CST / 0.46 ft	6:08 AM CST / 0.20 ft	12:14 PM CST / 0.78 ft	7:49 PM CST / -0.06 ft			5:42 AM CST	6:07 PM CST
Sat 9	1:59 AM CST / 0.41 ft	6:45 AM CST / 0.23 ft	12:57 PM CST / 0.77 ft	8:48 PM CST / -0.02 ft			5:41 AM CST	6:07 PM CST
Sun 10	3:04 AM CST / 0.38 ft	7:35 AM CST / 0.26 ft	1:53 PM CST / 0.74 ft	9:55 PM CST / -0.00 ft			5:40 AM CST	6:07 PM CST
Mon 11	4:19 AM CST / 0.39 ft	8:49 AM CST / 0.27 ft	3:06 PM CST / 0.71 ft	11:03 PM CST / 0.01 ft		First Quarter	5:39 AM CST	6:08 PM CST
Tue 12	5:27 AM CST / 0.43 ft	10:25 AM CST / 0.25 ft	4:34 PM CST / 0.69 ft				5:39 AM CST	6:08 PM CST
Wed 13		12:01 AM CST / 0.02 ft	6:18 AM CST / 0.50 ft	11:53 AM CST / 0.17 ft	6:02 PM CST / 0.68 ft		5:38 AM CST	6:08 PM CST
Thu 14		12:50 AM CST / 0.02 ft	7:00 AM CST / 0.60 ft	1:05 PM CST / 0.06 ft	7:16 PM CST / 0.69 ft		5:37 AM CST	6:08 PM CST
Fri 15		1:34 AM CST / 0.03 ft	7:39 AM CST / 0.71 ft	2:06 PM CST / -0.07 ft	8:19 PM CST / 0.69 ft		5:36 AM CST	6:08 PM CST
Sat 16		2:15 AM CST / 0.04 ft	8:16 AM CST / 0.82 ft	3:01 PM CST / -0.18 ft	9:15 PM CST / 0.68 ft		5:36 AM CST	6:09 PM CST
Sun 17		2:55 AM CST / 0.06 ft	8:55 AM CST / 0.91 ft	3:53 PM CST / -0.26 ft	10:07 PM CST / 0.66 ft	Full Moon	5:35 AM CST	6:09 PM CST
Mon 18		3:35 AM CST / 0.08 ft	9:35 AM CST / 0.98 ft	4:43 PM CST / -0.30 ft	10:57 PM CST / 0.61 ft		5:34 AM CST	6:09 PM CST
Tue 19		4:15 AM CST / 0.10 ft	10:17 AM CST / 1.01 ft	5:34 PM CST / -0.29 ft	11:46 PM CST / 0.56 ft		5:34 AM CST	6:09 PM CST
Wed 20		4:56 AM CST / 0.12 ft	11:00 AM CST / 1.00 ft	6:25 PM CST / -0.24 ft			5:33 AM CST	6:10 PM CST
Thu 21	12:35 AM CST / 0.51 ft	5:40 AM CST / 0.15 ft	11:46 AM CST / 0.96 ft	7:19 PM CST / -0.17 ft			5:32 AM CST	6:10 PM CST
Fri 22	1:27 AM CST / 0.47 ft	6:26 AM CST / 0.18 ft	12:36 PM CST / 0.89 ft	8:17 PM CST / -0.09 ft			5:32 AM CST	6:10 PM CST
Sat 23	2:24 AM CST / 0.44 ft	7:21 AM CST / 0.22 ft	1:31 PM CST / 0.81 ft	9:19 PM CST / -0.01 ft			5:31 AM CST	6:10 PM CST
Sun 24	3:30 AM CST / 0.43 ft	8:30 AM CST / 0.25 ft	2:35 PM CST / 0.72 ft	10:23 PM CST / 0.05 ft		Last Quarter	5:30 AM CST	6:10 PM CST
Mon 25	4:41 AM CST / 0.45 ft	9:57 AM CST / 0.26 ft	3:54 PM CST / 0.64 ft	11:23 PM CST / 0.09 ft			5:30 AM CST	6:11 PM CST
Tue 26	5:41 AM CST / 0.50 ft	11:24 AM CST / 0.24 ft	5:20 PM CST / 0.60 ft				5:29 AM CST	6:11 PM CST
Wed 27		12:15 AM CST / 0.12 ft	6:26 AM CST / 0.55 ft	12:35 PM CST / 0.18 ft	6:34 PM CST / 0.58 ft		5:29 AM CST	6:11 PM CST
Thu 28		12:57 AM CST / 0.14 ft	7:01 AM CST / 0.62 ft	1:32 PM CST / 0.11 ft	7:32 PM CST / 0.58 ft		5:28 AM CST	6:12 PM CST
Fri 29		1:34 AM CST / 0.16 ft	7:32 AM CST / 0.68 ft	2:19 PM CST / 0.04 ft	8:19 PM CST / 0.58 ft		5:27 AM CST	6:12 PM CST
Sat 30		2:07 AM CST / 0.17 ft	8:00 AM CST / 0.73 ft	2:59 PM CST / -0.02 ft	9:00 PM CST / 0.58 ft		5:27 AM CST	6:12 PM CST

May 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Sun 1		2:38 AM CST / 0.18 ft	8:29 AM CST / 0.78 ft	3:36 PM CST / -0.07 ft	9:38 PM CST / 0.58 ft		5:26 AM CST	6:13 PM CST
Mon 2		3:07 AM CST / 0.19 ft	8:59 AM CST / 0.82 ft	4:12 PM CST / -0.10 ft	10:15 PM CST / 0.57 ft		5:26 AM CST	6:13 PM CST
Tue 3		3:36 AM CST / 0.19 ft	9:31 AM CST / 0.85 ft	4:47 PM CST / -0.12 ft	10:53 PM CST / 0.56 ft	New Moon	5:25 AM CST	6:13 PM CST
Wed 4		4:05 AM CST / 0.20 ft	10:04 AM CST / 0.87 ft	5:24 PM CST / -0.13 ft	11:33 PM CST / 0.53 ft		5:25 AM CST	6:13 PM CST
Thu 5		4:36 AM CST / 0.21 ft	10:38 AM CST / 0.88 ft	6:03 PM CST / -0.12 ft			5:24 AM CST	6:14 PM CST
Fri 6	12:15 AM CST / 0.51 ft	5:09 AM CST / 0.23 ft	11:14 AM CST / 0.87 ft	6:45 PM CST / -0.11 ft			5:24 AM CST	6:14 PM CST
Sat 7	1:00 AM CST / 0.48 ft	5:47 AM CST / 0.24 ft	11:55 AM CST / 0.86 ft	7:32 PM CST / -0.08 ft			5:23 AM CST	6:14 PM CST
Sun 8	1:50 AM CST / 0.46 ft	6:34 AM CST / 0.26 ft	12:42 PM CST / 0.82 ft	8:24 PM CST / -0.04 ft			5:23 AM CST	6:15 PM CST
Mon 9	2:45 AM CST / 0.47 ft	7:34 AM CST / 0.27 ft	1:39 PM CST / 0.77 ft	9:20 PM CST / -0.00 ft			5:22 AM CST	6:15 PM CST
Tue 10	3:42 AM CST / 0.50 ft	8:55 AM CST / 0.27 ft	2:51 PM CST / 0.70 ft	10:16 PM CST / 0.04 ft		First Quarter	5:22 AM CST	6:15 PM CST
Wed 11	4:36 AM CST / 0.56 ft	10:26 AM CST / 0.22 ft	4:17 PM CST / 0.64 ft	11:10 PM CST / 0.07 ft			5:22 AM CST	6:16 PM CST
Thu 12	5:26 AM CST / 0.64 ft	11:49 AM CST / 0.12 ft	5:48 PM CST / 0.60 ft				5:21 AM CST	6:16 PM CST
Fri 13		12:00 AM CST / 0.11 ft	6:12 AM CST / 0.74 ft	12:59 PM CST / 0.01 ft	7:07 PM CST / 0.59 ft		5:21 AM CST	6:16 PM CST
Sat 14		12:47 AM CST / 0.13 ft	6:57 AM CST / 0.84 ft	1:59 PM CST / -0.11 ft	8:14 PM CST / 0.58 ft		5:20 AM CST	6:17 PM CST
Sun 15		1:33 AM CST / 0.15 ft	7:41 AM CST / 0.93 ft	2:54 PM CST / -0.20 ft	9:11 PM CST / 0.58 ft		5:20 AM CST	6:17 PM CST
Mon 16		2:18 AM CST / 0.15 ft	8:26 AM CST / 1.00 ft	3:45 PM CST / -0.25 ft	10:02 PM CST / 0.57 ft		5:20 AM CST	6:17 PM CST
Tue 17		3:02 AM CST / 0.15 ft	9:11 AM CST / 1.04 ft	4:34 PM CST / -0.27 ft	10:50 PM CST / 0.55 ft	Full Moon	5:20 AM CST	6:18 PM CST
Wed 18		3:47 AM CST / 0.16 ft	9:57 AM CST / 1.05 ft	5:23 PM CST / -0.25 ft	11:36 PM CST / 0.53 ft		5:19 AM CST	6:18 PM CST
Thu 19		4:32 AM CST / 0.16 ft	10:43 AM CST / 1.02 ft	6:12 PM CST / -0.20 ft			5:19 AM CST	6:18 PM CST
Fri 20	12:21 AM CST / 0.51 ft	5:19 AM CST / 0.18 ft	11:29 AM CST / 0.96 ft	7:01 PM CST / -0.14 ft			5:19 AM CST	6:19 PM CST
Sat 21	1:07 AM CST / 0.50 ft	6:10 AM CST / 0.20 ft	12:17 PM CST / 0.88 ft	7:51 PM CST / -0.06 ft			5:18 AM CST	6:19 PM CST
Sun 22	1:55 AM CST / 0.49 ft	7:07 AM CST / 0.23 ft	1:07 PM CST / 0.79 ft	8:42 PM CST / 0.01 ft			5:18 AM CST	6:20 PM CST
Mon 23	2:45 AM CST / 0.51 ft	8:15 AM CST / 0.25 ft	2:03 PM CST / 0.70 ft	9:32 PM CST / 0.07 ft			5:18 AM CST	6:20 PM CST
Tue 24	3:37 AM CST / 0.53 ft	9:36 AM CST / 0.26 ft	3:07 PM CST / 0.61 ft	10:22 PM CST / 0.12 ft		Last Quarter	5:18 AM CST	6:20 PM CST
Wed 25	4:27 AM CST / 0.57 ft	10:58 AM CST / 0.23 ft	4:24 PM CST / 0.54 ft	11:10 PM CST / 0.17 ft			5:18 AM CST	6:21 PM CST
Thu 26	5:14 AM CST / 0.62 ft	12:09 PM CST / 0.17 ft	5:46 PM CST / 0.50 ft	11:54 PM CST / 0.20 ft			5:17 AM CST	6:21 PM CST
Fri 27	5:55 AM CST / 0.68 ft	1:07 PM CST / 0.11 ft	6:57 PM CST / 0.49 ft				5:17 AM CST	6:21 PM CST
Sat 28		12:34 AM CST / 0.22 ft	6:34 AM CST / 0.73 ft	1:56 PM CST / 0.04 ft	7:53 PM CST / 0.50 ft		5:17 AM CST	6:22 PM CST
Sun 29		1:12 AM CST / 0.23 ft	7:12 AM CST / 0.78 ft	2:38 PM CST / -0.02 ft	8:40 PM CST / 0.50 ft		5:17 AM CST	6:22 PM CST
Mon 30		1:48 AM CST / 0.24 ft	7:49 AM CST / 0.83 ft	3:17 PM CST / -0.06 ft	9:21 PM CST / 0.51 ft		5:17 AM CST	6:23 PM CST
Tue 31		2:23 AM CST / 0.24 ft	8:27 AM CST / 0.87 ft	3:55 PM CST / -0.10 ft	10:01 PM CST / 0.52 ft		5:17 AM CST	6:23 PM CST

June 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Wed 1		2:57 AM CST / 0.23 ft	9:04 AM CST / 0.90 ft	4:32 PM CST / -0.13 ft	10:41 PM CST / 0.52 ft	New Moon	5:17 AM CST	6:23 PM CST
Thu 2		3:33 AM CST / 0.23 ft	9:42 AM CST / 0.92 ft	5:10 PM CST / -0.14 ft	11:21 PM CST / 0.51 ft		5:17 AM CST	6:24 PM CST
Fri 3		4:10 AM CST / 0.22 ft	10:21 AM CST / 0.93 ft	5:49 PM CST / -0.15 ft			5:17 AM CST	6:24 PM CST
Sat 4	12:03 AM CST / 0.51 ft	4:52 AM CST / 0.22 ft	11:02 AM CST / 0.92 ft	6:30 PM CST / -0.13 ft			5:17 AM CST	6:24 PM CST
Sun 5	12:45 AM CST / 0.51 ft	5:38 AM CST / 0.22 ft	11:47 AM CST / 0.89 ft	7:12 PM CST / -0.10 ft			5:17 AM CST	6:24 PM CST
Mon 6	1:28 AM CST / 0.53 ft	6:33 AM CST / 0.22 ft	12:36 PM CST / 0.83 ft	7:57 PM CST / -0.06 ft			5:17 AM CST	6:25 PM CST
Tue 7	2:13 AM CST / 0.56 ft	7:39 AM CST / 0.22 ft	1:33 PM CST / 0.74 ft	8:43 PM CST / 0.00 ft			5:17 AM CST	6:25 PM CST
Wed 8	2:59 AM CST / 0.61 ft	8:57 AM CST / 0.19 ft	2:42 PM CST / 0.65 ft	9:30 PM CST / 0.06 ft		First Quarter	5:17 AM CST	6:26 PM CST
Thu 9	3:48 AM CST / 0.68 ft	10:22 AM CST / 0.14 ft	4:06 PM CST / 0.56 ft	10:20 PM CST / 0.12 ft			5:17 AM CST	6:26 PM CST
Fri 10	4:38 AM CST / 0.76 ft	11:42 AM CST / 0.05 ft	5:39 PM CST / 0.50 ft	11:12 PM CST / 0.16 ft			5:17 AM CST	6:26 PM CST
Sat 11	5:30 AM CST / 0.84 ft	12:52 PM CST / -0.04 ft	7:03 PM CST / 0.48 ft				5:17 AM CST	6:27 PM CST
Sun 12		12:04 AM CST / 0.19 ft	6:24 AM CST / 0.91 ft	1:53 PM CST / -0.12 ft	8:11 PM CST / 0.48 ft		5:17 AM CST	6:27 PM CST
Mon 13		12:56 AM CST / 0.20 ft	7:17 AM CST / 0.98 ft	2:48 PM CST / -0.18 ft	9:07 PM CST / 0.49 ft		5:17 AM CST	6:27 PM CST
Tue 14		1:48 AM CST / 0.20 ft	8:08 AM CST / 1.02 ft	3:38 PM CST / -0.21 ft	9:55 PM CST / 0.50 ft		5:17 AM CST	6:28 PM CST
Wed 15		2:38 AM CST / 0.18 ft	8:57 AM CST / 1.03 ft	4:26 PM CST / -0.21 ft	10:39 PM CST / 0.50 ft	Full Moon	5:18 AM CST	6:28 PM CST
Thu 16		3:27 AM CST / 0.17 ft	9:45 AM CST / 1.03 ft	5:11 PM CST / -0.19 ft	11:20 PM CST / 0.51 ft		5:18 AM CST	6:28 PM CST
Fri 17		4:16 AM CST / 0.17 ft	10:30 AM CST / 0.99 ft	5:54 PM CST / -0.15 ft	11:59 PM CST / 0.52 ft		5:18 AM CST	6:28 PM CST
Sat 18		5:05 AM CST / 0.17 ft	11:15 AM CST / 0.93 ft	6:36 PM CST / -0.10 ft			5:18 AM CST	6:29 PM CST
Sun 19	12:38 AM CST / 0.53 ft	5:56 AM CST / 0.18 ft	11:58 AM CST / 0.86 ft	7:17 PM CST / -0.04 ft			5:18 AM CST	6:29 PM CST
Mon 20	1:15 AM CST / 0.55 ft	6:51 AM CST / 0.20 ft	12:42 PM CST / 0.77 ft	7:57 PM CST / 0.02 ft			5:18 AM CST	6:29 PM CST
Tue 21	1:53 AM CST / 0.58 ft	7:53 AM CST / 0.22 ft	1:30 PM CST / 0.67 ft	8:37 PM CST / 0.09 ft			5:19 AM CST	6:29 PM CST
Wed 22	2:33 AM CST / 0.61 ft	9:02 AM CST / 0.22 ft	2:23 PM CST / 0.58 ft	9:17 PM CST / 0.15 ft			5:19 AM CST	6:30 PM CST
Thu 23	3:15 AM CST / 0.64 ft	10:17 AM CST / 0.20 ft	3:27 PM CST / 0.50 ft	9:59 PM CST / 0.20 ft		Last Quarter	5:19 AM CST	6:30 PM CST
Fri 24	4:01 AM CST / 0.67 ft	11:29 AM CST / 0.17 ft	4:46 PM CST / 0.45 ft	10:43 PM CST / 0.24 ft			5:19 AM CST	6:30 PM CST
Sat 25	4:49 AM CST / 0.71 ft	12:33 PM CST / 0.12 ft	6:12 PM CST / 0.43 ft	11:29 PM CST / 0.26 ft			5:20 AM CST	6:30 PM CST
Sun 26	5:39 AM CST / 0.75 ft	1:28 PM CST / 0.06 ft	7:24 PM CST / 0.43 ft				5:20 AM CST	6:30 PM CST
Mon 27		12:15 AM CST / 0.27 ft	6:28 AM CST / 0.80 ft	2:15 PM CST / 0.01 ft	8:18 PM CST / 0.45 ft		5:20 AM CST	6:30 PM CST
Tue 28		1:00 AM CST / 0.27 ft	7:16 AM CST / 0.85 ft	2:57 PM CST / -0.04 ft	9:03 PM CST / 0.47 ft		5:20 AM CST	6:31 PM CST
Wed 29		1:44 AM CST / 0.26 ft	8:01 AM CST / 0.90 ft	3:37 PM CST / -0.09 ft	9:43 PM CST / 0.49 ft		5:21 AM CST	6:31 PM CST
Thu 30		2:26 AM CST / 0.24 ft	8:44 AM CST / 0.94 ft	4:15 PM CST / -0.12 ft	10:22 PM CST / 0.51 ft		5:21 AM CST	6:31 PM CST

July 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Fri 1		3:10 AM CST / 0.22 ft	9:28 AM CST / 0.97 ft	4:52 PM CST / -0.14 ft	11:00 PM CST / / 0.53 ft	New Moon	5:21 AM CST	6:31 PM CST
Sat 2		3:55 AM CST / 0.19 ft	10:11 AM CST / / 0.97 ft	5:29 PM CST / -0.14 ft	11:38 PM CST / / 0.56 ft		5:22 AM CST	6:31 PM CST
Sun 3		4:44 AM CST / 0.17 ft	10:56 AM CST / / 0.95 ft	6:07 PM CST / -0.12 ft			5:22 AM CST	6:31 PM CST
Mon 4	12:15 AM CST / / 0.59 ft	5:36 AM CST / 0.15 ft	11:42 AM CST / / 0.90 ft	6:45 PM CST / -0.08 ft			5:22 AM CST	6:31 PM CST
Tue 5	12:53 AM CST / / 0.64 ft	6:34 AM CST / 0.14 ft	12:33 PM CST / / 0.81 ft	7:23 PM CST / -0.02 ft			5:22 AM CST	6:31 PM CST
Wed 6	1:33 AM CST / 0.69 ft	7:39 AM CST / 0.12 ft	1:30 PM CST / 0.70 ft	8:04 PM CST / 0.05 ft			5:23 AM CST	6:31 PM CST
Thu 7	2:16 AM CST / 0.75 ft	8:52 AM CST / 0.10 ft	2:37 PM CST / 0.59 ft	8:47 PM CST / 0.12 ft			5:23 AM CST	6:31 PM CST
Fri 8	3:04 AM CST / 0.80 ft	10:12 AM CST / / 0.07 ft	3:59 PM CST / 0.50 ft	9:36 PM CST / 0.18 ft		First Quarter	5:23 AM CST	6:31 PM CST
Sat 9	3:58 AM CST / 0.85 ft	11:31 AM CST / / 0.02 ft	5:35 PM CST / 0.44 ft	10:31 PM CST / / 0.22 ft			5:24 AM CST	6:31 PM CST
Sun 10	4:59 AM CST / 0.90 ft	12:44 PM CST / / -0.03 ft	7:02 PM CST / 0.43 ft	11:31 PM CST / / 0.25 ft			5:24 AM CST	6:31 PM CST
Mon 11	6:03 AM CST / 0.94 ft	1:48 PM CST / -0.07 ft	8:08 PM CST / 0.45 ft				5:24 AM CST	6:31 PM CST
Tue 12		12:32 AM CST / / 0.25 ft	7:05 AM CST / 0.98 ft	2:43 PM CST / -0.10 ft	8:59 PM CST / 0.47 ft		5:25 AM CST	6:31 PM CST
Wed 13		1:30 AM CST / 0.23 ft	8:01 AM CST / 1.00 ft	3:31 PM CST / -0.12 ft	9:42 PM CST / 0.50 ft		5:25 AM CST	6:31 PM CST
Thu 14		2:25 AM CST / 0.20 ft	8:52 AM CST / 1.01 ft	4:14 PM CST / -0.11 ft	10:20 PM CST / / 0.52 ft		5:25 AM CST	6:31 PM CST
Fri 15		3:17 AM CST / 0.18 ft	9:38 AM CST / 0.99 ft	4:53 PM CST / -0.10 ft	10:55 PM CST / / 0.55 ft	Full Moon	5:26 AM CST	6:30 PM CST
Sat 16		4:06 AM CST / 0.16 ft	10:20 AM CST / / 0.96 ft	5:30 PM CST / -0.07 ft	11:27 PM CST / / 0.59 ft		5:26 AM CST	6:30 PM CST
Sun 17		4:54 AM CST / 0.15 ft	11:00 AM CST / / 0.90 ft	6:04 PM CST / -0.02 ft	11:58 PM CST / / 0.62 ft		5:26 AM CST	6:30 PM CST
Mon 18		5:42 AM CST / 0.16 ft	11:39 AM CST / / 0.84 ft	6:38 PM CST / 0.03 ft			5:27 AM CST	6:30 PM CST
Tue 19	12:28 AM CST / / 0.65 ft	6:31 AM CST / 0.17 ft	12:18 PM CST / / 0.76 ft	7:09 PM CST / 0.08 ft			5:27 AM CST	6:30 PM CST
Wed 20	1:00 AM CST / 0.68 ft	7:23 AM CST / 0.18 ft	1:00 PM CST / 0.67 ft	7:41 PM CST / 0.14 ft			5:27 AM CST	6:29 PM CST
Thu 21	1:34 AM CST / 0.70 ft	8:21 AM CST / 0.19 ft	1:46 PM CST / 0.59 ft	8:12 PM CST / 0.20 ft			5:28 AM CST	6:29 PM CST
Fri 22	2:12 AM CST / 0.72 ft	9:27 AM CST / 0.20 ft	2:41 PM CST / 0.52 ft	8:46 PM CST / 0.25 ft		Last Quarter	5:28 AM CST	6:29 PM CST
Sat 23	2:57 AM CST / 0.74 ft	10:39 AM CST / / 0.19 ft	3:51 PM CST / 0.46 ft	9:27 PM CST / 0.29 ft			5:28 AM CST	6:29 PM CST
Sun 24	3:49 AM CST / 0.76 ft	11:52 AM CST / / 0.16 ft	5:24 PM CST / 0.42 ft	10:19 PM CST / / 0.32 ft			5:29 AM CST	6:28 PM CST
Mon 25	4:48 AM CST / 0.78 ft	12:56 PM CST / / 0.12 ft	6:52 PM CST / 0.43 ft	11:20 PM CST / / 0.33 ft			5:29 AM CST	6:28 PM CST
Tue 26	5:49 AM CST / 0.83 ft	1:50 PM CST / 0.07 ft	7:53 PM CST / 0.45 ft				5:29 AM CST	6:28 PM CST
Wed 27		12:19 AM CST / / 0.32 ft	6:47 AM CST / 0.88 ft	2:35 PM CST / 0.02 ft	8:38 PM CST / 0.48 ft		5:30 AM CST	6:27 PM CST
Thu 28		1:15 AM CST / 0.29 ft	7:40 AM CST / 0.94 ft	3:14 PM CST / -0.03 ft	9:17 PM CST / 0.52 ft		5:30 AM CST	6:27 PM CST
Fri 29		2:06 AM CST / 0.25 ft	8:29 AM CST / 0.98 ft	3:51 PM CST / -0.06 ft	9:52 PM CST / 0.57 ft		5:30 AM CST	6:27 PM CST
Sat 30		2:57 AM CST / 0.20 ft	9:16 AM CST / 1.01 ft	4:26 PM CST / -0.08 ft	10:27 PM CST / / 0.62 ft	New Moon	5:31 AM CST	6:26 PM CST
Sun 31		3:47 AM CST / 0.15 ft	10:02 AM CST / / 1.01 ft	5:00 PM CST / -0.07 ft	11:01 PM CST / / 0.68 ft		5:31 AM CST	6:26 PM CST

August 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Mon 1		4:39 AM CST / 0.11 ft	10:50 AM CST / 0.97 ft	5:35 PM CST / -0.04 ft	11:36 PM CST / 0.75 ft		5:31 AM CST	6:25 PM CST
Tue 2		5:33 AM CST / 0.07 ft	11:38 AM CST / 0.90 ft	6:10 PM CST / 0.01 ft			5:32 AM CST	6:25 PM CST
Wed 3	12:12 AM CST / 0.81 ft	6:30 AM CST / 0.05 ft	12:30 PM CST / 0.80 ft	6:47 PM CST / 0.08 ft			5:32 AM CST	6:25 PM CST
Thu 4	12:52 AM CST / 0.86 ft	7:32 AM CST / 0.05 ft	1:26 PM CST / 0.69 ft	7:26 PM CST / 0.14 ft			5:32 AM CST	6:24 PM CST
Fri 5	1:35 AM CST / 0.90 ft	8:41 AM CST / 0.06 ft	2:32 PM CST / 0.58 ft	8:09 PM CST / 0.21 ft			5:32 AM CST	6:24 PM CST
Sat 6	2:26 AM CST / 0.93 ft	9:58 AM CST / 0.07 ft	3:53 PM CST / 0.49 ft	8:59 PM CST / 0.27 ft		First Quarter	5:33 AM CST	6:23 PM CST
Sun 7	3:27 AM CST / 0.93 ft	11:19 AM CST / 0.07 ft	5:31 PM CST / 0.45 ft	10:00 PM CST / 0.31 ft			5:33 AM CST	6:23 PM CST
Mon 8	4:39 AM CST / 0.94 ft	12:36 PM CST / 0.05 ft	6:57 PM CST / 0.46 ft	11:12 PM CST / 0.32 ft			5:33 AM CST	6:22 PM CST
Tue 9	5:55 AM CST / 0.95 ft	1:41 PM CST / 0.03 ft	7:57 PM CST / 0.50 ft				5:34 AM CST	6:22 PM CST
Wed 10		12:23 AM CST / 0.31 ft	7:03 AM CST / 0.97 ft	2:33 PM CST / 0.02 ft	8:42 PM CST / 0.54 ft		5:34 AM CST	6:21 PM CST
Thu 11		1:26 AM CST / 0.28 ft	8:00 AM CST / 0.99 ft	3:16 PM CST / 0.02 ft	9:19 PM CST / 0.58 ft		5:34 AM CST	6:21 PM CST
Fri 12		2:22 AM CST / 0.24 ft	8:48 AM CST / 0.99 ft	3:52 PM CST / 0.03 ft	9:51 PM CST / 0.63 ft		5:34 AM CST	6:20 PM CST
Sat 13		3:12 AM CST / 0.20 ft	9:30 AM CST / 0.97 ft	4:25 PM CST / 0.04 ft	10:20 PM CST / 0.67 ft	Full Moon	5:35 AM CST	6:19 PM CST
Sun 14		3:59 AM CST / 0.17 ft	10:08 AM CST / 0.94 ft	4:56 PM CST / 0.07 ft	10:46 PM CST / 0.72 ft		5:35 AM CST	6:19 PM CST
Mon 15		4:43 AM CST / 0.15 ft	10:44 AM CST / 0.90 ft	5:25 PM CST / 0.10 ft	11:12 PM CST / 0.75 ft		5:35 AM CST	6:18 PM CST
Tue 16		5:26 AM CST / 0.15 ft	11:20 AM CST / 0.84 ft	5:54 PM CST / 0.15 ft	11:39 PM CST / 0.78 ft		5:35 AM CST	6:18 PM CST
Wed 17		6:08 AM CST / 0.15 ft	11:56 AM CST / 0.78 ft	6:21 PM CST / 0.19 ft			5:35 AM CST	6:17 PM CST
Thu 18	12:08 AM CST / 0.81 ft	6:52 AM CST / 0.17 ft	12:35 PM CST / 0.71 ft	6:48 PM CST / 0.24 ft			5:36 AM CST	6:16 PM CST
Fri 19	12:41 AM CST / 0.82 ft	7:40 AM CST / 0.19 ft	1:17 PM CST / 0.64 ft	7:15 PM CST / 0.29 ft			5:36 AM CST	6:16 PM CST
Sat 20	1:18 AM CST / 0.82 ft	8:35 AM CST / 0.22 ft	2:07 PM CST / 0.57 ft	7:44 PM CST / 0.33 ft			5:36 AM CST	6:15 PM CST
Sun 21	2:02 AM CST / 0.82 ft	9:44 AM CST / 0.24 ft	3:12 PM CST / 0.51 ft	8:21 PM CST / 0.37 ft		Last Quarter	5:36 AM CST	6:14 PM CST
Mon 22	2:56 AM CST / 0.83 ft	11:04 AM CST / 0.24 ft	4:43 PM CST / 0.48 ft	9:17 PM CST / 0.40 ft			5:37 AM CST	6:14 PM CST
Tue 23	4:01 AM CST / 0.84 ft	12:19 PM CST / 0.21 ft	6:21 PM CST / 0.49 ft	10:35 PM CST / 0.41 ft			5:37 AM CST	6:13 PM CST
Wed 24	5:14 AM CST / 0.88 ft	1:17 PM CST / 0.16 ft	7:22 PM CST / 0.52 ft	11:52 PM CST / 0.39 ft			5:37 AM CST	6:12 PM CST
Thu 25	6:22 AM CST / 0.93 ft	2:03 PM CST / 0.11 ft	8:05 PM CST / 0.57 ft				5:37 AM CST	6:11 PM CST
Fri 26		12:57 AM CST / 0.34 ft	7:21 AM CST / 0.98 ft	2:41 PM CST / 0.08 ft	8:40 PM CST / 0.64 ft		5:37 AM CST	6:11 PM CST
Sat 27		1:55 AM CST / 0.27 ft	8:15 AM CST / 1.02 ft	3:16 PM CST / 0.06 ft	9:13 PM CST / 0.71 ft		5:37 AM CST	6:10 PM CST
Sun 28		2:49 AM CST / 0.19 ft	9:05 AM CST / 1.04 ft	3:50 PM CST / 0.06 ft	9:46 PM CST / 0.80 ft	New Moon	5:38 AM CST	6:09 PM CST
Mon 29		3:41 AM CST / 0.11 ft	9:54 AM CST / 1.02 ft	4:24 PM CST / 0.07 ft	10:19 PM CST / 0.88 ft		5:38 AM CST	6:08 PM CST
Tue 30		4:33 AM CST / 0.04 ft	10:43 AM CST / 0.97 ft	4:59 PM CST / 0.11 ft	10:55 PM CST / 0.96 ft		5:38 AM CST	6:08 PM CST
Wed 31		5:26 AM CST / 0.00 ft	11:33 AM CST / 0.90 ft	5:34 PM CST / 0.16 ft	11:32 PM CST / 1.02 ft		5:38 AM CST	6:07 PM CST

September 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Thu 1		6:21 AM CST / -0.00 ft	12:25 PM CST / / 0.80 ft	6:12 PM CST / 0.21 ft			5:38 AM CST	6:06 PM CST
Fri 2	12:14 AM CST / / 1.05 ft	7:20 AM CST / 0.02 ft	1:21 PM CST / 0.70 ft	6:52 PM CST / 0.27 ft			5:38 AM CST	6:05 PM CST
Sat 3	1:01 AM CST / / 1.05 ft	8:26 AM CST / 0.07 ft	2:25 PM CST / 0.61 ft	7:36 PM CST / 0.32 ft			5:39 AM CST	6:04 PM CST
Sun 4	1:56 AM CST / / 1.03 ft	9:40 AM CST / 0.12 ft	3:46 PM CST / 0.55 ft	8:32 PM CST / 0.37 ft		First Quarter	5:39 AM CST	6:04 PM CST
Mon 5	3:03 AM CST / / 0.99 ft	11:02 AM CST / / 0.16 ft	5:21 PM CST / 0.53 ft	9:44 PM CST / 0.40 ft			5:39 AM CST	6:03 PM CST
Tue 6	4:25 AM CST / / 0.97 ft	12:20 PM CST / / 0.17 ft	6:39 PM CST / 0.56 ft	11:08 PM CST / / 0.41 ft			5:39 AM CST	6:02 PM CST
Wed 7	5:49 AM CST / / 0.96 ft	1:22 PM CST / 0.17 ft	7:33 PM CST / 0.61 ft				5:39 AM CST	6:01 PM CST
Thu 8		12:24 AM CST / / 0.37 ft	6:58 AM CST / 0.97 ft	2:09 PM CST / 0.17 ft	8:13 PM CST / 0.67 ft		5:39 AM CST	6:00 PM CST
Fri 9		1:28 AM CST / 0.32 ft	7:54 AM CST / 0.97 ft	2:47 PM CST / 0.18 ft	8:46 PM CST / 0.72 ft		5:39 AM CST	5:59 PM CST
Sat 10		2:21 AM CST / 0.27 ft	8:39 AM CST / 0.97 ft	3:19 PM CST / 0.19 ft	9:14 PM CST / 0.78 ft		5:40 AM CST	5:59 PM CST
Sun 11		3:07 AM CST / 0.22 ft	9:19 AM CST / 0.95 ft	3:49 PM CST / 0.20 ft	9:38 PM CST / 0.83 ft		5:40 AM CST	5:58 PM CST
Mon 12		3:50 AM CST / 0.18 ft	9:55 AM CST / 0.93 ft	4:17 PM CST / 0.22 ft	10:02 PM CST / / 0.87 ft	Full Moon	5:40 AM CST	5:57 PM CST
Tue 13		4:29 AM CST / 0.16 ft	10:29 AM CST / / 0.89 ft	4:44 PM CST / 0.25 ft	10:27 PM CST / / 0.91 ft		5:40 AM CST	5:56 PM CST
Wed 14		5:07 AM CST / 0.15 ft	11:03 AM CST / / 0.85 ft	5:10 PM CST / 0.28 ft	10:54 PM CST / / 0.93 ft		5:40 AM CST	5:55 PM CST
Thu 15		5:44 AM CST / 0.15 ft	11:37 AM CST / / 0.81 ft	5:35 PM CST / 0.32 ft	11:23 PM CST / / 0.94 ft		5:40 AM CST	5:54 PM CST
Fri 16		6:23 AM CST / 0.17 ft	12:15 PM CST / / 0.75 ft	6:01 PM CST / 0.36 ft	11:56 PM CST / / 0.94 ft		5:40 AM CST	5:54 PM CST
Sat 17		7:06 AM CST / 0.20 ft	12:56 PM CST / / 0.69 ft	6:28 PM CST / 0.39 ft			5:40 AM CST	5:53 PM CST
Sun 18	12:32 AM CST / / 0.93 ft	7:55 AM CST / 0.24 ft	1:45 PM CST / 0.64 ft	6:58 PM CST / 0.42 ft			5:41 AM CST	5:52 PM CST
Mon 19	1:16 AM CST / / 0.92 ft	8:58 AM CST / 0.27 ft	2:49 PM CST / 0.59 ft	7:37 PM CST / 0.46 ft			5:41 AM CST	5:51 PM CST
Tue 20	2:10 AM CST / / 0.91 ft	10:16 AM CST / / 0.29 ft	4:15 PM CST / 0.56 ft	8:38 PM CST / 0.48 ft		Last Quarter	5:41 AM CST	5:50 PM CST
Wed 21	3:20 AM CST / / 0.90 ft	11:32 AM CST / / 0.27 ft	5:42 PM CST / 0.58 ft	10:09 PM CST / / 0.48 ft			5:41 AM CST	5:49 PM CST
Thu 22	4:40 AM CST / / 0.92 ft	12:32 PM CST / / 0.25 ft	6:39 PM CST / 0.63 ft	11:37 PM CST / / 0.44 ft			5:41 AM CST	5:49 PM CST
Fri 23	5:58 AM CST / / 0.95 ft	1:18 PM CST / 0.22 ft	7:20 PM CST / 0.70 ft				5:41 AM CST	5:48 PM CST
Sat 24		12:47 AM CST / / 0.36 ft	7:04 AM CST / 0.98 ft	1:57 PM CST / 0.20 ft	7:55 PM CST / 0.79 ft		5:41 AM CST	5:47 PM CST
Sun 25		1:47 AM CST / 0.25 ft	8:02 AM CST / 1.01 ft	2:34 PM CST / 0.20 ft	8:29 PM CST / 0.89 ft		5:42 AM CST	5:46 PM CST
Mon 26		2:42 AM CST / 0.14 ft	8:56 AM CST / 1.01 ft	3:09 PM CST / 0.21 ft	9:04 PM CST / 0.99 ft		5:42 AM CST	5:45 PM CST
Tue 27		3:33 AM CST / 0.05 ft	9:47 AM CST / 0.99 ft	3:45 PM CST / 0.22 ft	9:39 PM CST / 1.08 ft	New Moon	5:42 AM CST	5:44 PM CST
Wed 28		4:25 AM CST / -0.02 ft	10:37 AM CST / / 0.94 ft	4:22 PM CST / 0.25 ft	10:18 PM CST / / 1.15 ft		5:42 AM CST	5:44 PM CST
Thu 29		5:16 AM CST / -0.05 ft	11:27 AM CST / / 0.87 ft	5:00 PM CST / 0.28 ft	10:59 PM CST / / 1.18 ft		5:42 AM CST	5:43 PM CST
Fri 30		6:09 AM CST / -0.03 ft	12:18 PM CST / / 0.79 ft	5:40 PM CST / 0.32 ft	11:44 PM CST / / 1.18 ft		5:42 AM CST	5:42 PM CST

October 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Sat 1		7:06 AM CST / 0.03 ft	1:12 PM CST / 0.72 ft	6:23 PM CST / 0.36 ft			5:42 AM CST	5:41 PM CST
Sun 2	12:34 AM CST / 1.14 ft	8:09 AM CST / 0.10 ft	2:14 PM CST / 0.65 ft	7:13 PM CST / 0.40 ft			5:43 AM CST	5:40 PM CST
Mon 3	1:32 AM CST / 1.08 ft	9:19 AM CST / 0.18 ft	3:29 PM CST / 0.62 ft	8:15 PM CST / 0.44 ft		First Quarter	5:43 AM CST	5:39 PM CST
Tue 4	2:42 AM CST / 1.01 ft	10:36 AM CST / 0.23 ft	4:53 PM CST / 0.62 ft	9:38 PM CST / 0.46 ft			5:43 AM CST	5:39 PM CST
Wed 5	4:07 AM CST / 0.95 ft	11:47 AM CST / 0.27 ft	6:04 PM CST / 0.66 ft	11:08 PM CST / 0.45 ft			5:43 AM CST	5:38 PM CST
Thu 6	5:34 AM CST / 0.92 ft	12:45 PM CST / 0.28 ft	6:55 PM CST / 0.72 ft				5:43 AM CST	5:37 PM CST
Fri 7		12:25 AM CST / 0.40 ft	6:45 AM CST / 0.92 ft	1:29 PM CST / 0.29 ft	7:33 PM CST / 0.78 ft		5:44 AM CST	5:36 PM CST
Sat 8		1:26 AM CST / 0.33 ft	7:41 AM CST / 0.91 ft	2:06 PM CST / 0.30 ft	8:03 PM CST / 0.84 ft		5:44 AM CST	5:36 PM CST
Sun 9		2:15 AM CST / 0.27 ft	8:26 AM CST / 0.90 ft	2:38 PM CST / 0.32 ft	8:30 PM CST / 0.89 ft		5:44 AM CST	5:35 PM CST
Mon 10		2:58 AM CST / 0.21 ft	9:05 AM CST / 0.89 ft	3:07 PM CST / 0.33 ft	8:54 PM CST / 0.94 ft		5:44 AM CST	5:34 PM CST
Tue 11		3:37 AM CST / 0.17 ft	9:40 AM CST / 0.87 ft	3:35 PM CST / 0.34 ft	9:20 PM CST / 0.98 ft	Full Moon	5:44 AM CST	5:33 PM CST
Wed 12		4:13 AM CST / 0.14 ft	10:14 AM CST / 0.85 ft	4:02 PM CST / 0.36 ft	9:47 PM CST / 1.01 ft		5:45 AM CST	5:33 PM CST
Thu 13		4:48 AM CST / 0.13 ft	10:48 AM CST / 0.83 ft	4:29 PM CST / 0.37 ft	10:16 PM CST / 1.02 ft		5:45 AM CST	5:32 PM CST
Fri 14		5:24 AM CST / 0.13 ft	11:23 AM CST / 0.79 ft	4:56 PM CST / 0.39 ft	10:48 PM CST / 1.02 ft		5:45 AM CST	5:31 PM CST
Sat 15		6:01 AM CST / 0.15 ft	12:01 PM CST / 0.75 ft	5:23 PM CST / 0.42 ft	11:22 PM CST / 1.02 ft		5:45 AM CST	5:30 PM CST
Sun 16		6:42 AM CST / 0.18 ft	12:44 PM CST / 0.70 ft	5:53 PM CST / 0.44 ft	11:59 PM CST / 1.00 ft		5:46 AM CST	5:30 PM CST
Mon 17		7:29 AM CST / 0.21 ft	1:33 PM CST / 0.66 ft	6:28 PM CST / 0.46 ft			5:46 AM CST	5:29 PM CST
Tue 18	12:43 AM CST / 0.98 ft	8:25 AM CST / 0.25 ft	2:34 PM CST / 0.63 ft	7:14 PM CST / 0.49 ft			5:46 AM CST	5:28 PM CST
Wed 19	1:37 AM CST / 0.95 ft	9:30 AM CST / 0.27 ft	3:45 PM CST / 0.62 ft	8:24 PM CST / 0.50 ft		Last Quarter	5:46 AM CST	5:28 PM CST
Thu 20	2:46 AM CST / 0.92 ft	10:37 AM CST / 0.28 ft	4:53 PM CST / 0.66 ft	9:58 PM CST / 0.48 ft			5:47 AM CST	5:27 PM CST
Fri 21	4:10 AM CST / 0.89 ft	11:36 AM CST / 0.29 ft	5:46 PM CST / 0.72 ft	11:27 PM CST / 0.41 ft			5:47 AM CST	5:27 PM CST
Sat 22	5:35 AM CST / 0.89 ft	12:25 PM CST / 0.29 ft	6:29 PM CST / 0.81 ft				5:47 AM CST	5:26 PM CST
Sun 23		12:39 AM CST / 0.30 ft	6:49 AM CST / 0.90 ft	1:08 PM CST / 0.29 ft	7:08 PM CST / 0.91 ft		5:48 AM CST	5:25 PM CST
Mon 24		1:39 AM CST / 0.17 ft	7:53 AM CST / 0.90 ft	1:49 PM CST / 0.29 ft	7:46 PM CST / 1.02 ft		5:48 AM CST	5:25 PM CST
Tue 25		2:34 AM CST / 0.06 ft	8:49 AM CST / 0.90 ft	2:28 PM CST / 0.30 ft	8:25 PM CST / 1.12 ft		5:48 AM CST	5:24 PM CST
Wed 26		3:25 AM CST / -0.04 ft	9:41 AM CST / 0.87 ft	3:08 PM CST / 0.31 ft	9:07 PM CST / 1.19 ft	New Moon	5:49 AM CST	5:24 PM CST
Thu 27		4:16 AM CST / -0.09 ft	10:31 AM CST / 0.84 ft	3:49 PM CST / 0.31 ft	9:49 PM CST / 1.24 ft		5:49 AM CST	5:23 PM CST
Fri 28		5:06 AM CST / -0.09 ft	11:19 AM CST / 0.79 ft	4:31 PM CST / 0.32 ft	10:35 PM CST / 1.24 ft		5:49 AM CST	5:23 PM CST
Sat 29		5:58 AM CST / -0.05 ft	12:08 PM CST / 0.74 ft	5:15 PM CST / 0.34 ft	11:23 PM CST / 1.20 ft		5:50 AM CST	5:22 PM CST
Sun 30		6:52 AM CST / 0.01 ft	12:59 PM CST / 0.69 ft	6:02 PM CST / 0.36 ft			5:50 AM CST	5:22 PM CST
Mon 31	12:15 AM CST / 1.13 ft	7:49 AM CST / 0.09 ft	1:55 PM CST / 0.66 ft	6:57 PM CST / 0.39 ft			5:50 AM CST	5:21 PM CST

November 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Tue 1	1:12 AM CST / 1.05 ft	8:51 AM CST / 0.17 ft	2:58 PM CST / 0.65 ft	8:05 PM CST / 0.43 ft			5:51 AM CST	5:21 PM CST
Wed 2	2:18 AM CST / 0.95 ft	9:56 AM CST / 0.24 ft	4:06 PM CST / 0.66 ft	9:30 PM CST / 0.44 ft		First Quarter	5:51 AM CST	5:20 PM CST
Thu 3	3:36 AM CST / 0.87 ft	10:58 AM CST / 0.29 ft	5:10 PM CST / 0.70 ft	10:59 PM CST / 0.41 ft			5:52 AM CST	5:20 PM CST
Fri 4	5:02 AM CST / 0.81 ft	11:52 AM CST / 0.32 ft	6:01 PM CST / 0.76 ft				5:52 AM CST	5:19 PM CST
Sat 5		12:14 AM CST / 0.35 ft	6:19 AM CST / 0.78 ft	12:37 PM CST / 0.34 ft	6:41 PM CST / 0.82 ft		5:52 AM CST	5:19 PM CST
Sun 6		1:14 AM CST / 0.28 ft	7:20 AM CST / 0.77 ft	1:16 PM CST / 0.36 ft	7:14 PM CST / 0.87 ft		5:53 AM CST	5:19 PM CST
Mon 7		2:02 AM CST / 0.21 ft	8:08 AM CST / 0.77 ft	1:51 PM CST / 0.36 ft	7:44 PM CST / 0.92 ft		5:53 AM CST	5:18 PM CST
Tue 8		2:44 AM CST / 0.16 ft	8:49 AM CST / 0.76 ft	2:23 PM CST / 0.37 ft	8:13 PM CST / 0.96 ft		5:54 AM CST	5:18 PM CST
Wed 9		3:21 AM CST / 0.11 ft	9:25 AM CST / 0.76 ft	2:54 PM CST / 0.37 ft	8:44 PM CST / 0.99 ft		5:54 AM CST	5:18 PM CST
Thu 10		3:57 AM CST / 0.08 ft	10:00 AM CST / 0.75 ft	3:24 PM CST / 0.37 ft	9:16 PM CST / 1.02 ft	Full Moon	5:55 AM CST	5:17 PM CST
Fri 11		4:32 AM CST / 0.07 ft	10:35 AM CST / 0.73 ft	3:53 PM CST / 0.37 ft	9:49 PM CST / 1.03 ft		5:55 AM CST	5:17 PM CST
Sat 12		5:08 AM CST / 0.06 ft	11:12 AM CST / 0.71 ft	4:24 PM CST / 0.38 ft	10:24 PM CST / 1.03 ft		5:56 AM CST	5:17 PM CST
Sun 13		5:45 AM CST / 0.07 ft	11:51 AM CST / 0.68 ft	4:56 PM CST / 0.38 ft	11:00 PM CST / 1.02 ft		5:56 AM CST	5:17 PM CST
Mon 14		6:25 AM CST / 0.09 ft	12:34 PM CST / 0.66 ft	5:32 PM CST / 0.39 ft	11:39 PM CST / 0.99 ft		5:57 AM CST	5:16 PM CST
Tue 15		7:08 AM CST / 0.12 ft	1:20 PM CST / 0.63 ft	6:14 PM CST / 0.40 ft			5:57 AM CST	5:16 PM CST
Wed 16	12:23 AM CST / 0.96 ft	7:56 AM CST / 0.15 ft	2:11 PM CST / 0.63 ft	7:09 PM CST / 0.41 ft			5:58 AM CST	5:16 PM CST
Thu 17	1:17 AM CST / 0.90 ft	8:48 AM CST / 0.18 ft	3:04 PM CST / 0.65 ft	8:23 PM CST / 0.41 ft			5:58 AM CST	5:16 PM CST
Fri 18	2:23 AM CST / 0.84 ft	9:43 AM CST / 0.22 ft	3:58 PM CST / 0.69 ft	9:51 PM CST / 0.37 ft		Last Quarter	5:59 AM CST	5:16 PM CST
Sat 19	3:45 AM CST / 0.77 ft	10:37 AM CST / 0.25 ft	4:49 PM CST / 0.76 ft	11:17 PM CST / 0.28 ft			5:59 AM CST	5:16 PM CST
Sun 20	5:16 AM CST / 0.73 ft	11:29 AM CST / 0.28 ft	5:37 PM CST / 0.85 ft				6:00 AM CST	5:16 PM CST
Mon 21		12:29 AM CST / 0.17 ft	6:38 AM CST / 0.72 ft	12:18 PM CST / 0.30 ft	6:24 PM CST / 0.95 ft		6:00 AM CST	5:15 PM CST
Tue 22		1:30 AM CST / 0.04 ft	7:47 AM CST / 0.71 ft	1:05 PM CST / 0.31 ft	7:10 PM CST / 1.04 ft		6:01 AM CST	5:15 PM CST
Wed 23		2:26 AM CST / -0.06 ft	8:45 AM CST / 0.71 ft	1:51 PM CST / 0.30 ft	7:57 PM CST / 1.12 ft		6:01 AM CST	5:15 PM CST
Thu 24		3:18 AM CST / -0.13 ft	9:37 AM CST / 0.70 ft	2:37 PM CST / 0.29 ft	8:44 PM CST / 1.17 ft		6:02 AM CST	5:15 PM CST
Fri 25		4:08 AM CST / -0.16 ft	10:24 AM CST / 0.68 ft	3:23 PM CST / 0.27 ft	9:33 PM CST / 1.19 ft	New Moon	6:03 AM CST	5:15 PM CST
Sat 26		4:57 AM CST / -0.15 ft	11:10 AM CST / 0.66 ft	4:10 PM CST / 0.26 ft	10:21 PM CST / 1.17 ft		6:03 AM CST	5:15 PM CST
Sun 27		5:46 AM CST / -0.11 ft	11:54 AM CST / 0.64 ft	4:58 PM CST / 0.26 ft	11:10 PM CST / 1.11 ft		6:04 AM CST	5:16 PM CST
Mon 28		6:35 AM CST / -0.05 ft	12:40 PM CST / 0.63 ft	5:50 PM CST / 0.27 ft	11:59 PM CST / 1.03 ft		6:04 AM CST	5:16 PM CST
Tue 29		7:24 AM CST / 0.03 ft	1:26 PM CST / 0.62 ft	6:46 PM CST / 0.29 ft			6:05 AM CST	5:16 PM CST
Wed 30	12:52 AM CST / 0.93 ft	8:14 AM CST / 0.10 ft	2:15 PM CST / 0.63 ft	7:52 PM CST / 0.31 ft			6:06 AM CST	5:16 PM CST

December 2011

Day	High	Low	High	Low	High	Moon	Sunrise	Sunset
Thu 1	1:48 AM CST / 0.82 ft	9:05 AM CST / 0.17 ft	3:06 PM CST / 0.65 ft	9:10 PM CST / 0.32 ft			6:06 AM CST	5:16 PM CST
Fri 2	2:53 AM CST / 0.72 ft	9:56 AM CST / 0.23 ft	3:58 PM CST / 0.68 ft	10:33 PM CST / 0.30 ft		First Quarter	6:07 AM CST	5:16 PM CST
Sat 3	4:11 AM CST / 0.64 ft	10:46 AM CST / 0.28 ft	4:48 PM CST / 0.72 ft	11:48 PM CST / 0.25 ft			6:07 AM CST	5:16 PM CST
Sun 4	5:37 AM CST / 0.59 ft	11:34 AM CST / 0.31 ft	5:35 PM CST / 0.76 ft				6:08 AM CST	5:17 PM CST
Mon 5		12:50 AM CST / 0.18 ft	6:51 AM CST / 0.58 ft	12:19 PM CST / 0.33 ft	6:18 PM CST / 0.80 ft		6:09 AM CST	5:17 PM CST
Tue 6		1:41 AM CST / 0.12 ft	7:47 AM CST / 0.58 ft	1:01 PM CST / 0.33 ft	6:58 PM CST / 0.85 ft		6:09 AM CST	5:17 PM CST
Wed 7		2:25 AM CST / 0.07 ft	8:32 AM CST / 0.58 ft	1:39 PM CST / 0.33 ft	7:37 PM CST / 0.88 ft		6:10 AM CST	5:17 PM CST
Thu 8		3:05 AM CST / 0.03 ft	9:10 AM CST / 0.59 ft	2:15 PM CST / 0.32 ft	8:15 PM CST / 0.92 ft		6:10 AM CST	5:18 PM CST
Fri 9		3:42 AM CST / -0.01 ft	9:46 AM CST / 0.59 ft	2:50 PM CST / 0.30 ft	8:53 PM CST / 0.94 ft		6:11 AM CST	5:18 PM CST
Sat 10		4:19 AM CST / -0.03 ft	10:23 AM CST / 0.59 ft	3:25 PM CST / 0.29 ft	9:31 PM CST / 0.96 ft	Full Moon	6:12 AM CST	5:18 PM CST
Sun 11		4:54 AM CST / -0.05 ft	11:00 AM CST / 0.59 ft	4:01 PM CST / 0.27 ft	10:09 PM CST / 0.96 ft		6:12 AM CST	5:19 PM CST
Mon 12		5:30 AM CST / -0.05 ft	11:38 AM CST / 0.59 ft	4:39 PM CST / 0.26 ft	10:48 PM CST / 0.95 ft		6:13 AM CST	5:19 PM CST
Tue 13		6:08 AM CST / -0.05 ft	12:16 PM CST / 0.58 ft	5:22 PM CST / 0.25 ft	11:29 PM CST / 0.92 ft		6:14 AM CST	5:19 PM CST
Wed 14		6:46 AM CST / -0.02 ft	12:56 PM CST / 0.59 ft	6:12 PM CST / 0.25 ft			6:14 AM CST	5:20 PM CST
Thu 15	12:15 AM CST / 0.86 ft	7:26 AM CST / 0.02 ft	1:37 PM CST / 0.61 ft	7:10 PM CST / 0.24 ft			6:15 AM CST	5:20 PM CST
Fri 16	1:07 AM CST / 0.78 ft	8:08 AM CST / 0.07 ft	2:19 PM CST / 0.65 ft	8:20 PM CST / 0.22 ft			6:15 AM CST	5:20 PM CST
Sat 17	2:10 AM CST / 0.69 ft	8:53 AM CST / 0.12 ft	3:04 PM CST / 0.70 ft	9:41 PM CST / 0.17 ft		Last Quarter	6:16 AM CST	5:21 PM CST
Sun 18	3:28 AM CST / 0.60 ft	9:42 AM CST / 0.18 ft	3:54 PM CST / 0.77 ft	11:03 PM CST / 0.10 ft			6:16 AM CST	5:21 PM CST
Mon 19	5:02 AM CST / 0.53 ft	10:35 AM CST / 0.22 ft	4:49 PM CST / 0.84 ft				6:17 AM CST	5:22 PM CST
Tue 20		12:17 AM CST / 0.01 ft	6:32 AM CST / 0.50 ft	11:31 AM CST / 0.25 ft	5:47 PM CST / 0.91 ft		6:17 AM CST	5:22 PM CST
Wed 21		1:23 AM CST / -0.08 ft	7:45 AM CST / 0.50 ft	12:27 PM CST / 0.25 ft	6:45 PM CST / 0.97 ft		6:18 AM CST	5:23 PM CST
Thu 22		2:20 AM CST / -0.15 ft	8:43 AM CST / 0.51 ft	1:22 PM CST / 0.23 ft	7:41 PM CST / 1.02 ft		6:18 AM CST	5:23 PM CST
Fri 23		3:13 AM CST / -0.20 ft	9:31 AM CST / 0.52 ft	2:16 PM CST / 0.20 ft	8:34 PM CST / 1.05 ft		6:19 AM CST	5:24 PM CST
Sat 24		4:01 AM CST / -0.21 ft	10:15 AM CST / 0.53 ft	3:07 PM CST / 0.17 ft	9:25 PM CST / 1.05 ft	New Moon	6:19 AM CST	5:24 PM CST
Sun 25		4:47 AM CST / -0.20 ft	10:55 AM CST / 0.54 ft	3:58 PM CST / 0.14 ft	10:13 PM CST / 1.02 ft		6:20 AM CST	5:25 PM CST
Mon 26		5:30 AM CST / -0.17 ft	11:34 AM CST / 0.55 ft	4:48 PM CST / 0.13 ft	11:00 PM CST / 0.96 ft		6:20 AM CST	5:25 PM CST
Tue 27		6:12 AM CST / -0.12 ft	12:11 PM CST / 0.57 ft	5:40 PM CST / 0.12 ft	11:45 PM CST / 0.88 ft		6:21 AM CST	5:26 PM CST
Wed 28		6:52 AM CST / -0.06 ft	12:48 PM CST / 0.59 ft	6:34 PM CST / 0.13 ft			6:21 AM CST	5:26 PM CST
Thu 29	12:30 AM CST / 0.78 ft	7:32 AM CST / 0.01 ft	1:25 PM CST / 0.60 ft	7:33 PM CST / 0.15 ft			6:21 AM CST	5:27 PM CST
Fri 30	1:17 AM CST / 0.67 ft	8:11 AM CST / 0.08 ft	2:03 PM CST / 0.62 ft	8:39 PM CST / 0.16 ft			6:22 AM CST	5:28 PM CST
Sat 31	2:09 AM CST / 0.57 ft	8:51 AM CST / 0.14 ft	2:44 PM CST / 0.63 ft	9:54 PM CST / 0.15 ft			6:22 AM CST	5:28 PM

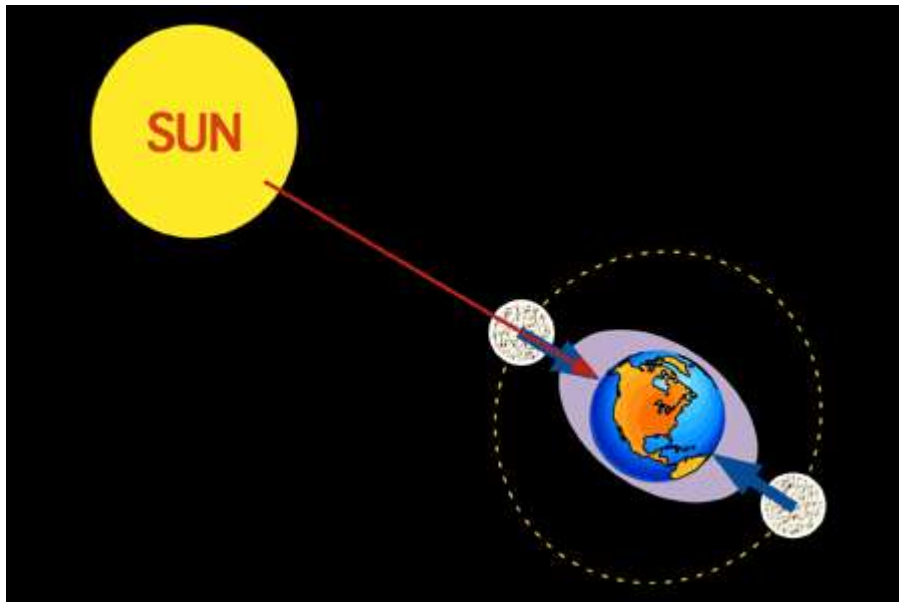
CAUSES OF TIDES

An ocean tide refers to the cyclic rise and fall of seawater. Tides are caused by slight variations in gravitational attraction between the Earth and the moon and the Sun in geometric relationship with locations on the Earth's surface. Tides are periodic primarily because of the cyclical influence of the Earth's rotation.

The moon is the primary factor controlling the rhythm and height of tides. The moon produces two tidal bulges somewhere on the Earth through the effects of gravitational attraction. The height of these tidal bulges is controlled by the moon's gravitational force and the Earth's gravity pulling the water back toward the Earth.

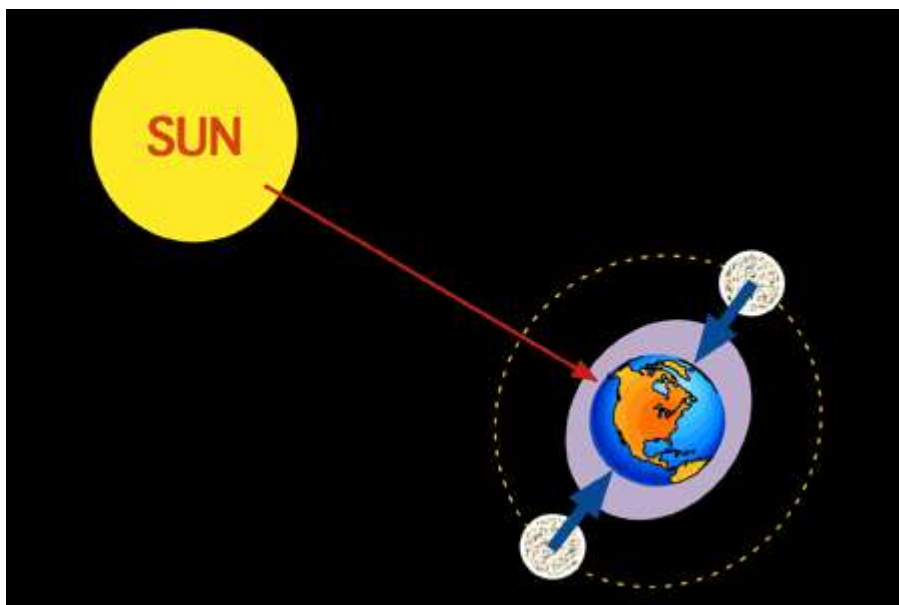
Spring Tides

The second factor controlling tides on the Earth's surface is the Sun's gravity. The height of the average solar tide is about 50% the average lunar tide. At certain times during the moon's revolution around the Earth, the direction of its gravitational attraction is aligned with the Sun's. During these times the two tide-producing bodies act together to create the highest and lowest tides of the year. These spring tides occur every 14-15 days during full and new moons.

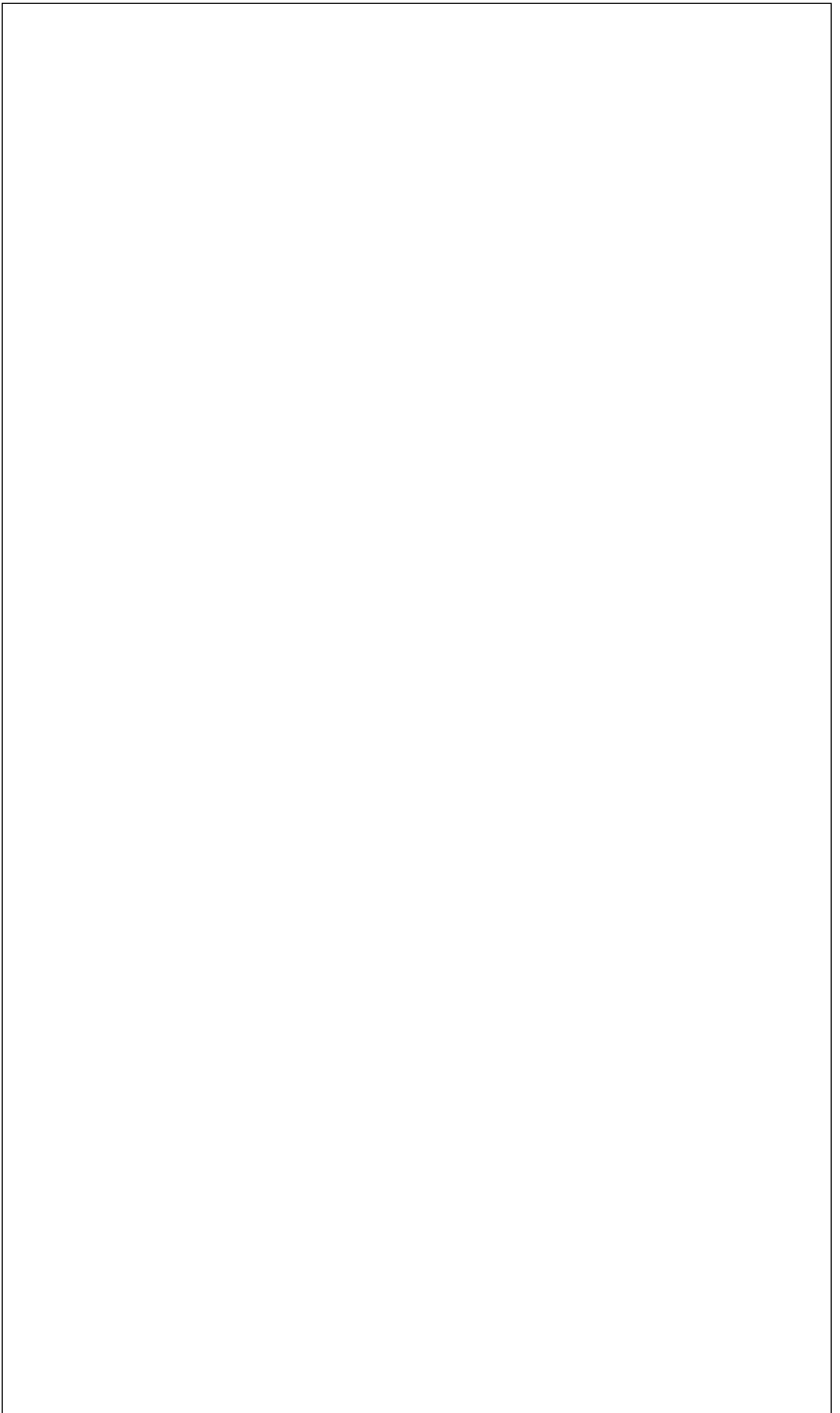


Neap Tides

When the gravitational pull of the moon and Sun are at right angles to each other, the daily tidal variations on the Earth are at their least. These events are called neap tides and they occur during the first and last quarter of the moon.



Courtesy: <http://www.physicalgeography.net/fundamentals/8r.html>



BELIZE, CENTRAL AMERICA
 Location: W088 12, N17 31

Rise and Set for the Moon for 2011

Zone: 6h West of Greenwich

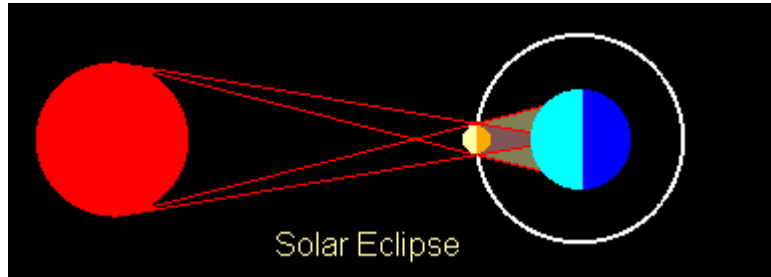
Day	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
01	0352	1512	0515	1647	0356	1535	0423	1645	0409	1705	0459	1828	0534	1857	0719	1955	0908	2053	1002	2128	1128	2308	1126	2334
02	0449	1608	0557	1739	0435	1625	0457	1732	0447	1755	0551	1922	0633	1946	0818	2038	1010	2144	1102	2227	1212	2308	1126	2334
03	0544	1705	0636	1829	0512	1713	0532	1820	0529	1847	0646	2013	0732	2032	0917	2123	1112	2239	1157	2325	1251	0001	1239	0023
04	0633	1801	0712	1917	0547	1801	0609	1909	0615	1941	0744	2103	0830	2115	1017	2208	1212	2336	1247		1328	0051	1314	0110
05	0719	1855	0746	2004	0621	1847	0648	2000	0704	2034	0841	2149	0928	2158	1117	2257	1309		1332	0021	1404	0140	1351	0158
06	0800	1946	0820	2051	0656	1935	0731	2052	0757	2126	0939	2233	1026	2240	1218	2348	1402	0033	1413	0114	1439	0227	1429	0246
07	0837	2035	0855	2139	0731	2023	0817	2145	0852	2217	1036	2316	1123	2324	1319		1450	0130	1452	0206	1515	0315	1511	0336
08	0913	2123	0931	2227	0808	2112	0907	2238	0949	2305	1133	2358	1222		1417	0043	1533	0225	1528	0255	1552	0403	1555	0427
09	0947	2210	1009	2318	0848	2203	1000	2330	1046	2350	1230		1323	0010	1513	0140	1613	0318	1603	0343	1632	0452	1644	0518
10	1021	2257	1050		0932	2256	1056		1144		1329	0040	1424	0059	1605	0238	1651	0409	1638	0430	1714	0542	1735	0610
11	1056	2345	1136	0010	1019	2350	1154	0020	1241	0034	1429	0125	1525	0152	1652	0334	1727	0458	1715	0518	1800	0633	1828	0701
12	1133		1226	0104	1111		1253	0108	1339	0117	1531	0213	1624	0248	1735	0430	1802	0546	1752	0606	1848	0724	1923	0750
13	1212	0035	1322	0200	1207	0043	1352	0154	1438	0200	1634	0305	1719	0347	1814	0523	1838	0634	1833	0656	1940	0815	2018	0837
14	1257	0127	1421	0255	1306	0136	1452	0238	1539	0244	1736	0401	1810	0445	1851	0613	1914	0721	1916	0746	2033	0905	2114	0921
15	1346	0222	1523	0349	1406	0227	1553	0323	1643	0331	1835	0459	1856	0543	1927	0702	1953	0810	2002	0837	2128	0953	2209	1004
16	1440	0318	1626	0441	1507	0316	1655	0408	1747	0422	1930	0559	1938	0638	2002	0751	2034	0859	2051	0928	2222	1038	2304	1045
17	1539	0416	1729	0530	1609	0403	1759	0455	1851	0518	2019	0658	2017	0730	2038	0838	2118	0950	2143	1018	2318	1122		1127
18	1642	0512	1831	0616	1711	0449	1904	0545	1953	0616	2103	0755	2053	0821	2115	0926	2205	1041	2237	1108		1204	0000	1209
19	1745	0605	1933	0702	1814	0534	2008	0638	2050	0716	2143	0849	2128	0909	2154	1015	2256	1133	2333	1155	0013	1246	0058	1254
20	1847	0655	2035	0747	1917	0621	2111	0735	2141	0816	2220	0940	2203	0957	2236	1105	2350	1224		1241	0110	1329	0158	1343
21	1949	0742	2137	0833	2021	0709	2210	0834	2227	0913	2255	1029	2239	1044	2322	1157		1314	0029	1325	0209	1414	0300	1436
22	2049	0827	2238	0921	2125	0800	2303	0933	2309	1008	2330	1117	2317	1133		1249	0047	1402	0127	1409	0310	1502	0404	1533
23	2148	0910	2339	1011	2228	0854	2351	1030	2347	1059		1204	2358	1223	0012	1342	0145	1449	0225	1453	0414	1555	0508	1634
24	2248	0954		1104	2327	0950		1125		1149	0005	1252		1314	0106	1434	0244	1535	0325	1538	0519	1652	0608	1736
25	2347	1039	0038	1159		1048	0033	1217	0022	1236	0042	1341	0042	1407	0203	1525	0343	1620	0427	1626	0625	1752	0704	1837
26		1125	0134	1254	0021	1144	0112	1307	0057	1323	0121	1432	0131	1500	0302	1614	0444	1705	0531	1718	0728	1855	0754	1936
27	0047	1215	0226	1349	0110	1239	0149	1354	0132	1411	0204	1524	0224	1554	0402	1701	0546	1752	0637	1813	0826	1956	0840	2032
28	0146	1308	0313	1443	0155	1332	0223	1441	0207	1459	0251	1618	0320	1647	0502	1746	0650	1842	0743	1912	0918	2056	0921	2124
29	0243	1402			0236	1422	0258	1528	0245	1549	0342	1713	0419	1737	0603	1831	0754	1934	0847	2013	1005	2151	1000	2214
30	0338	1458			0313	1511	0333	1616	0326	1641	0437	1806	0519	1825	0704	1917	0859	2030	0946	2114	1048	2244	1036	2303
31	0429	1553			0349	1558			0410	1734			0619	1911	0805	2003			1040	2212			1112	2351

BELIZE, CENTRAL AMERICA
Location: W088 12, N17 31

Duration of Daylight for 2011

Zone: 6h West of City

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
01	11:06	11:23	11:48	12:19	12:46	13:06	13:10	12:54	12:28	11:59	11:30	11:10
02	11:07	11:24	11:49	12:19	12:47	13:07	13:09	12:54	12:27	11:58	11:29	11:09
03	11:07	11:25	11:50	12:20	12:48	13:07	13:09	12:53	12:26	11:57	11:28	11:09
04	11:07	11:25	11:51	12:21	12:49	13:08	13:09	12:52	12:25	11:56	11:27	11:08
05	11:07	11:26	11:52	12:22	12:50	13:08	13:09	12:51	12:24	11:55	11:26	11:08
06	11:08	11:27	11:53	12:23	12:50	13:08	13:08	12:51	12:23	11:54	11:26	11:08
07	11:08	11:28	11:54	12:24	12:51	13:09	13:08	12:50	12:22	11:53	11:25	11:07
08	11:09	11:29	11:55	12:25	12:52	13:09	13:08	12:49	12:21	11:52	11:24	11:07
09	11:09	11:30	11:56	12:26	12:53	13:09	13:07	12:48	12:20	11:51	11:23	11:07
10	11:09	11:30	11:57	12:27	12:53	13:09	13:07	12:47	12:19	11:50	11:23	11:07
11	11:10	11:31	11:58	12:28	12:54	13:10	13:06	12:47	12:18	11:49	11:22	11:06
12	11:10	11:32	11:59	12:29	12:55	13:10	13:06	12:46	12:17	11:48	11:21	11:06
13	11:11	11:33	12:00	12:30	12:56	13:10	13:06	12:45	12:16	11:47	11:20	11:06
14	11:11	11:34	12:01	12:31	12:56	13:10	13:05	12:44	12:15	11:46	11:20	11:06
15	11:12	11:35	12:02	12:32	12:57	13:10	13:05	12:43	12:14	11:45	11:19	11:05
16	11:12	11:36	12:03	12:33	12:58	13:10	13:04	12:42	12:13	11:44	11:18	11:05
17	11:13	11:37	12:04	12:34	12:58	13:11	13:04	12:41	12:12	11:43	11:18	11:05
18	11:13	11:37	12:05	12:35	12:59	13:11	13:03	12:41	12:11	11:42	11:17	11:05
19	11:14	11:38	12:06	12:36	13:00	13:11	13:03	12:40	12:10	11:41	11:16	11:05
20	11:15	11:39	12:07	12:37	13:00	13:11	13:02	12:39	12:09	11:40	11:16	11:05
21	11:15	11:40	12:08	12:38	13:01	13:11	13:02	12:38	12:08	11:40	11:15	11:05
22	11:16	11:41	12:09	12:38	13:02	13:11	13:01	12:37	12:07	11:39	11:14	11:05
23	11:17	11:42	12:10	12:39	13:02	13:11	13:00	12:36	12:06	11:38	11:14	11:05
24	11:17	11:43	12:11	12:40	13:03	13:11	13:00	12:35	12:05	11:37	11:13	11:05
25	11:18	11:44	12:12	12:41	13:03	13:11	12:59	12:34	12:04	11:36	11:13	11:05
26	11:19	11:45	12:13	12:42	13:04	13:10	12:58	12:33	12:03	11:35	11:12	11:05
27	11:19	11:46	12:14	12:43	13:04	13:10	12:58	12:32	12:03	11:34	11:12	11:05
28	11:20	11:47	12:15	12:44	13:05	13:10	12:57	12:32	12:02	11:33	11:11	11:06
29	11:21		12:16	12:45	13:05	13:10	12:56	12:31	12:01	11:32	11:11	11:06
30	11:21		12:17	12:46	13:06	13:10	12:56	12:30	12:00	11:32	11:10	11:06
31	11:22		12:18		13:06		12:55	12:29		11:31		11:06



ECLIPSES DURING 2011

There are six eclipses predicted for 2011, four of the Sun and two of the Moon. The four solar eclipses are all partial events which are only visible from high latitudes, either north or south of the equator. For each of them the central line of the eclipse is off the Earth, beyond the Pole. This will make them all unspectacular and in some cases, very difficult to access, geographically.

The two lunar eclipses are both total, with the Moon going almost centrally through the Earth's shadow for the first, so producing a prolonged period of totality. Near central lunar eclipses are to be expected when solar eclipses are partial as in 2011.

There are 6 eclipses in 2011, 4 of the Sun and 2 of the Moon:

Date	Kinds of eclipse
Jan 4	Partial eclipse of the Sun
Jun 2	Partial eclipse of the Sun
Jun 16	Total eclipse of the Moon
Jul 1	Partial eclipse of the Sun
Nov 25	Partial eclipse of the Sun
Dec 10	Total eclipse of the Moon