

# When does Daylight Saving Time End?

By Linda Sanford

Daylight Saving Time (DST) begins on the first Sunday in April and ends on the last Sunday in October. On the first Sunday in April, clocks are set ahead one hour at 2:00 a.m. local Standard Time, which becomes 3:00 a.m. Daylight Saving Time. On the last Sunday in October, clocks are set back one hour at 2:00 a.m. local Daylight Saving Time, which becomes 1:00 a.m. local Standard Time. In 2004, Daylight Saving Time began on April 4 and will end on October 31. Many other countries observe some form of "summer time" but they do not necessarily change their clocks on the same dates as the United States.

## History of Daylight Saving Time

Although standard time, determined by "time zones," was instituted in the United States and Canada by the railroads in 1883, it was not established in United States law until the Standard Time Act was legislated in 1918. This act also established Daylight Saving Time, a contentious idea at the time. Daylight Saving Time was repealed in 1919, but Standard Time, in time zones, remained in effect. Daylight saving time became a local matter. It was re-established nationally early in World War II, and was continuously observed from February 9, 1942 to September 20, 1945. After the war, the use of Daylight Saving Time varied among states and localities. The Uniform Time Act of 1966 provided standardization in the dates of beginning and ending Daylight Saving Time throughout the United States, but allowed for local exemptions from its observance.

During the "energy crisis" years, Congress enacted earlier starting dates for Daylight Saving Time. In 1974, Daylight Saving Time began on January 6 and in 1975 it began on February 23. After those two years, the starting date reverted back to the last Sunday in April. In 1986, a law was passed permanently shifting the starting date of Daylight Saving Time to the first Sunday in April, beginning in 1987. The ending date of Daylight Saving Time has not been subject to such changes, and has remained the last Sunday in October.

## Sunrise and Sunset Times

This table provides times for Mount Diablo at 38° 50'N 122°00'W.

		Sunrise	Sunset
<b>July</b>			
Saturday	3	5:51 a.m.	8:34 p.m.
	10	5:55 a.m.	8:32 p.m.
	17	6:00 a.m.	8:28 p.m.
	24	6:05 a.m.	8:23 p.m.
	31	6:11 a.m.	8:17 p.m.
<b>August</b>			
Saturday	7	6:17 a.m.	8:10 p.m.
	14	6:23 a.m.	8:01 p.m.
	21	6:29 a.m.	7:52 p.m.
	28	6:35 a.m.	7:42 p.m.
<b>September</b>			
Saturday	4	6:41 a.m.	7:32 p.m.
	11	6:47 a.m.	7:21 p.m.
	18	6:53 a.m.	7:10 p.m.
	25	6:59 a.m.	6:59 p.m.
<b>October</b>			
Saturday	2	7:05 a.m.	6:49 p.m.
	9	7:11 a.m.	6:38 p.m.
	16	7:18 a.m.	6:28 p.m.
	23	7:25 a.m.	6:19 p.m.
	30	7:32 a.m.	6:11 p.m.

Data Source: U. S. Naval Observatory Astronomical Applications Department Washington, D.C.

# Calendar of Events

## JULY

### Saturday, July 10

#### Public Astronomy Night on Mount Diablo

Meeting Place and Time: Lower summit parking lot at 8:00 p.m.

Sponsored by: Mt Diablo Astronomical Society  
http://www.mdas.net

Telescope Treasure Hunt: What are all those things we see in the sky? What secrets do they tell us about where our Sun and planets came from and how other stars form? Go on a telescope treasure hunt and find out!

### Saturday, July 10

#### Volunteer Trail Work

Meeting Place: To be determined.

Event Coordinator: Sue Schwartz (925) 837-6122

The Volunteer Trail Crew meets the second Saturday of each month at 8:30 a.m. In case of rain, the workday is postponed to the following Saturday. It rains again the workday is cancelled for the month. No experience is necessary. Leave your name and contact information with Sue so that she can confirm the location and time.

## AUGUST

### Wednesday, August 11

#### Mount Diablo Evening Walk

Meeting Place and Time: Regency Drive, Clayton at 6:00 p.m.

Leader: Ken Lavin (925) 686-9393

Join us for an easy (3 – 4 miles) loop hike on Mount Diablo. We will be back by sunset. Please call leader Ken Lavin if you plan to attend.

### Saturday, August 14

#### Volunteer Trail Work

Meeting Place: To be determined.

Event Coordinator: Sue Schwartz (925) 837-6122

The Volunteer Trail Crew meets the second Saturday of each month at 8:30 a.m. In case of rain, the workday is postponed to the following Saturday. It rains again the workday is cancelled for the month. No experience is necessary. Leave your name and contact information with Sue so that she can confirm the location and time.

### Saturday, August 21

#### Public Astronomy Night on Mount Diablo

Meeting Place and Time: Lower summit parking lot at 7:30 p.m.

Sponsored by: Mt Diablo Astronomical Society  
http://www.mdas.net

Black Holes: What is a black hole? Where do they come from? Will our Sun become a black hole some day? Find out where in the sky black holes have been found.

## SEPTEMBER

### Saturday, September 11

#### Volunteer Trail Work

Meeting Place: To be determined.

Event Coordinator: Sue Schwartz (925) 837-6122

The Volunteer Trail Crew meets the second Saturday of each month at 8:30 a.m. In case of rain, the workday is

postponed to the following Saturday. It rains again the workday is cancelled for the month. No experience is necessary. Leave your name and contact information with Sue so that she can confirm the location and time.

### Saturday, September 18

#### Public Astronomy Night on Mount Diablo

Meeting Place and Time: Lower summit parking lot at 6:45 p.m.

Sponsored by: Mt Diablo Astronomical Society  
http://www.mdas.net

Big Eyes on the Sky: How does a telescope work? Why can't your eyes see what a telescope can see?

### Saturday, September 18

#### Mount Diablo Fall Trail Run

Meeting Place and Time: Mitchell Canyon. Run starts at 8:30 a.m. Pick up registration packet from 7:30 – 8:15 a.m.

Sponsored by: Pacific Trail Runs <http://www.pacifictrailruns.com>

There are 8K, 25K and 50K runs starting at Mitchell Canyon and going to the summit. For registration and information go to <http://www.pacifictrailruns.com>.

## OCTOBER

### Saturday, October 2

#### Tarantula Hike

Meeting Place: Mitchell Canyon at 9:30 a.m.

Hike Leader: Ken Lavin (925) 686-9393

A 19th century visitor to Mount Diablo described the tarantula as "attaining the size of a small bird, possessing fangs the size of a rattlesnakes', and delivering a bite generally considered fatal!" Fact or fiction? After a short talk to learn the natural history and folklore of the largest North American spider, we'll hike to Black Point in search of the infamous mining tarantula of Mitchell Canyon. We will be back by 1 p.m. Please call leader Ken Lavin. (925) 686-9393 if you plan to attend.

### Saturday, October 9

#### Volunteer Trail Work

Meeting Place: To be determined.

Event Coordinator: Sue Schwartz (925) 837-6122

The Volunteer Trail Crew meets the second Saturday of each month at 8:30 a.m. In case of rain, the workday is postponed to the following Saturday. It rains again the workday is cancelled for the month. No experience is necessary. Leave your name and contact information with Sue so that she can confirm the location and time.

### Saturday, October 16

#### Public Astronomy Night on Mount Diablo

Meeting Place and Time: Lower summit parking lot at 6:00 p.m.

Sponsored by: Mt Diablo Astronomical Society  
http://www.mdas.net

Why do eclipses happen? Get ready for the October 28 lunar eclipse!