



Is this event in California or Canada?

The 2011 U.S. Synchronized Skating Championships will be held in Ontario, **California**. We expect plenty of sunshine. Below is a weather average chart for the area. Wikipedia has provided additional information about our "Santa Ana Winds."

Month	Average high	Average low	Warmest on record	Coldest on record	Average dew point	Average precipitation
MARCH	68	47	97	30	45	NA

Santa Ana winds: Santa Anas are hot, high winds that blow from the eastern mountains and deserts towards coastal **Southern California**, usually in the **spring** and **fall**. They are the result of **air pressure** buildup between the **Sierra Nevada** and the **Rocky Mountains**. This air mass spills out, is pulled by **gravity**, and circulates clockwise around the high pressure area, bringing winds from the east and northeast; as the air descends in elevation, it heats up and the **humidity** plummets to less than 15%. It is often said that the air is heated and dried as it passes through the nearby deserts, but according to **meteorologists** this is a popular misconception (it's actually due to **adiabatic compression** as the air flows from the higher elevations down to sea level); during Santa Ana conditions, it is typically hotter along the coast than in the deserts. As the Santa Ana winds are channeled through the mountain passes they can approach hurricane force. The combination of speed, heat, and dryness turns the **chaparral** into explosive fuel for the infamous **wildfires** the region is known for.