

## Background for ESTELA'S SWAP



### What are “Santa Ana Winds”?

Santa Ana winds are warm, dry winds that blow from the east or northeast (offshore) below the passes and canyons of the coastal ranges of Southern California and in the Los Angeles basin.

The Santa Ana winds blow at the exceptional speed of 25 knots or more.

*1 knot = 1 nautical mile per hour = 6076 feet per hour  
1 mph = 1 mile per hour = 5280 feet per hour*

Santa Ana winds usually develop when a region of high pressure builds over the Great Basin (the high plateau east of the Sierra mountains and west of the Rocky mountains including most of Nevada and Utah). Clockwise circulation around the center of this high pressure area forces air downslope from the high plateau. The air warms as it descends toward the California coast. Compressional heating provides the primary source of warming. The air is dry since it originates in the desert, and it dries out even more as it is heated.

Santa Ana winds usually occur between October and February but can happen as late as March. December has the highest frequency of events.

Wind speeds are typically north to east at 35 knots through and below passes and canyons with gusts to 50 knots. Stronger Santa Ana winds can have gusts greater than 60 knots over widespread areas and gusts greater than 100 knots in favored areas.

The strongest winds in the basin occur during the night and morning hours due to the absence of a sea breeze.

What are the Words to the Song, *Cielito Lindo*?

**De la Sierra Morena,  
Cielito lindo, vienen bajando  
Un par de ojitos negros,  
Cielito lindo, de contrabando**

**Coro:**

**Ay, ay, ay, ay,  
Canta y no llores,  
Porque cantando se alegran,  
Cielito lindo, los corazones**

**Pajaro que abandona,  
Cielito lindo, su primer nido,  
Si lo encuentra ocupado,  
Cielito lindo, bien merecido**

**Coro**

**Ese lunar que tienes,  
Cielito lindo, junto a la boca,  
No se lo des a nadie,  
Cielito lindo que a mi me toca**

**Coro**

**Si tu boquita, morena,  
Fuera de azucar, fuera de azucar,  
Yo me lo pasar'a,  
Cielito lindo, chupa que chupa.**

**Coro**

**De tu casa a la m'a,  
Cielito lindo, no hay mas que un paso,  
Ahora que estamos solos,  
Cielito lindo, dame un abrazo.**

**Coro**

Hear it:

<http://www.songsforteaching.com/spanish/cielitolindo.htm>