

# Carson City leads nation in warming trend

By Sandra Chereb, AP

CARSON CITY – Don Quilici has snookered a few Carson City newcomers with bets that it would snow the week of his birthday in early May.

Unsuspecting gamblers often don't know that a sliver of the western Nevada city's boundaries extend to Lake Tahoe and encompass Snow Valley Peak at a towering 9,214 feet.

"As an average, I'd win eight out of 10 years," said Quilici, 80, a Carson City native.



Looking down on the Carson area from Snow Valley Peak.

Photo/LTN file

Lately, though, he hasn't been so lucky. That's because Nevada's capital city is getting hotter.

An Associated Press analysis of federal temperature records shows Carson City has warmed the most than any other city in the nation in the last 30 years.

The average temperature in Carson City has risen 4.1 degrees since 1984. Boise, Idaho, came in second, posting a rise of 4

degrees. Las Vegas, known for its sweltering summers, was sixth, with an increase of 3.4 degrees.

But it's the boost in summertime heat that really makes Carson City stand out.

The average temperature for June, July and August has soared 6.8 degrees over the last three decades, 2.2 degrees warmer than second-place Boise and 2.4 degrees higher than third-place Las Vegas.

The summertime average temperature is up from about 68 degrees to nearly 75.

Because the data on cities are based on one weather station and readings can be affected by urban heating and development, trends are not as scientifically robust as those of states or regions within states, but they do have value, said National Climatic Data Center monitoring chief Derek Arndt.

The change in Carson City is becoming noticeable in subtle ways.

Plants and trees are prone to bloom earlier, and more people are installing air conditioners. The systems were a rarity even a decade ago, when many residents didn't want to spend the money when only a couple of weeks in August seemed insufferable.

Justin Anderson, owner of Anderson Heating & Air Conditioning, in operation for 32 years, said he "never knew that so many people didn't have air conditioning before."

David Ruf of Greenhouse Garden Center was surprised by the amount of warming that's taken place but not by the warming itself.

Ruf, whose father started the business 40 years ago, keeps meticulous weather records.

“When we started here, usually there was a temperature swing between night and day of 45 degrees,” Ruf said. “Now we seem to be 35 degrees.”

He and other long-time residents note Carson City’s geography. Nestled in a valley at the base of the Carson Range, the city is ringed by hills and mountains.

And as the city has grown, more roads, asphalt, homes and commercial development have cropped up – ingredients for heat absorption and urban warming.

In 1984, about 35,000 people lived here, government data say, and today the population is 55,000. Instead of fields and meadows, there are houses and commercial complexes.

Sam Lompa, who lives on a ranch in the heart of Carson City, feels the warming effects.

“When I was a kid, we never had any air conditioners,” said Lompa, 71, who grew up on the ranch. Now he uses fans and a swamp cooler but doesn’t fret much about the temperature.

“If it’s hot, it’s hot, and if it’s cold, it’s cold,” he said.

Ruf, too, is skeptical of putting too much emphasis on temperature shifts, even though this May seemed unusually warm, with temperatures in the 80s.

“Every time I say it’s getting hotter, the next year gets colder,” Ruf said. “Mother Nature can still pack a wallop.”