

Long Duration Heat Wave through Labor Day Weekend

KEY POINTS

- A long duration and high impact heat wave is expected to last through at least Labor Day Weekend.
- Elevated fire weather conditions for inland valleys, mountains, and deserts through Labor Day Weekend.
- Chances of thunderstorms return for the mountains beginning Friday.

WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence for a reasonable worse case scenario.

	Wed 8/31	Thu 9/1	Fri 9/2	Sat 9/3	Sun 9/4	Mon 9/5	Tue 9/6
San Diego Marine Out to 60 NM	Wind						
Orange/San Diego Beaches Including surf	Heat	Heat	Heat	Heat	Heat	Heat	Heat
San Diego Coast San Diego, Oceanside	Heat	Heat	Heat	Heat	Heat	Heat	Heat
San Diego Valleys Alpine, Escondido, Ramona	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather
San Diego County Mtns Mt Laguna, Julian, Palomar Mt	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather
San Diego Deserts Anza Borrego, Ocotillo Wells	Heat	Heat	Heat	Heat	Heat	Heat	Heat
Orange County Coast Laguna Beach, Huntington Beach	Heat	Heat	Heat	Heat	Heat	Heat	Heat
Orange County Inland Anaheim, Irvine	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather
Santa Ana Mountains Silverado, Santiago Peak	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather
Inland Empire Ontario, Riverside	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather
Riverside County Mtns Mt San Jacinto, Idyllwild	Heat Fire Weather	Heat Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather
Coachella Valley Palm Springs, Indio	Heat	Heat	Heat	Heat	Heat	Heat	Heat
San Bernardino Mtns Wrightwood, Big Bear	Heat Fire Weather	Heat Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather	Heat Thunderstorms Fire Weather
High Deserts Victorville, Lucerne Valley	Heat	Heat	Heat	Heat	Heat	Heat	Heat

Risk Levels

Little to None	Minor	Moderate	Major	Extreme
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DETAILS

Orange/San Diego Beaches, San Diego Coast, Orange County Coast, San Diego Valleys, Orange County Inland, Inland Empire, High Deserts



Heat

Impacts:

Very High Risk for heat-related illnesses for those who are heat sensitive and/or without effective cooling and/or adequate hydration.

Timing:

Sunday and Monday

Confidence:

High confidence hot conditions will occur with **moderate** confidence in duration of heat.

Very hot daytime conditions will occur on Sunday and Monday for coastal areas as well as inland valley locations, with highs expected to top out anywhere from 10 to 18 degrees above seasonal normal. Highs of 85-95 degrees will occur at the coast, with the adjacent valleys and inland areas as well as the High Deserts reaching 95-105 degrees. Overnight lows in all locations will only fall into the middle and upper 70s. This will be particularly problematic for those who are heat sensitive and/or do not have access to central air conditioning at home.

Orange/San Diego Beaches, San Diego Coast, San Diego Valleys, Orange County Coast, Orange County Inland, Santa Ana Mtns, San Diego County Mtns, San Diego Deserts, Inland Empire, Riverside County Mtns, Coachella Valley, San Bernardino Mtns, High Deserts



Heat

Impacts:

High Risk for heat-related illnesses, especially with extended outdoor exposure, and for those who are heat sensitive and/or without effective cooling and/or adequate hydration

Timing:

Through at least Labor Day Weekend

Confidence:

High confidence hot conditions will occur with **moderate** confidence in duration of heat.

Hot daytime conditions expected through Labor Day Weekend. Overnight low temperatures will remain elevated, especially Sunday and Monday. During that time, lows in and west of the mountains and High Desert will be 75 to 80 degrees, with lows 85-90 degrees in the low deserts. Higher humidity in the valleys and lower deserts will make it feel warmer than the actual air temperature. Moderate to high heat risk into next week, with highest heat risk expected over Labor Day Weekend.

High Temperatures Tuesday through Sunday:

Inland Orange County: 95-105 degrees

San Diego Valleys: 95-105 degrees

Inland Empire: 105-115 degrees

High Deserts: 105-110 degrees

Low Deserts: 110-116 degrees

Mountains below 6000 feet: 88-95 degrees

Inland Empire, San Diego Valleys, San Diego County Mtns, San Diego Deserts, Santa Ana Mountains, Riverside County Mtns, Coachella Valley, San Bernardino Mtns, High Deserts



Fire Weather

Impacts:

Hot conditions could lead to easier fire starts and rapid growth.

Timing:

Through Labor Day Weekend

Confidence:

High

Hot conditions with minimum relative humidity dropping to 15-25% each day will create elevated fire weather conditions. There is potential for large vertical plume growth with any new fires that develop, especially in the foothills and mountains.

San Bernardino County Mtns, Riverside County Mtns, San Diego County Mtns



Thunderstorms

Impacts:

Thunderstorms could lead to heavy downpours, gusty and erratic winds, and lightning. There is also the potential for dry lightning, which would lead to fire starts.

Timing:

Friday through Labor Day Weekend

Confidence:

Moderate

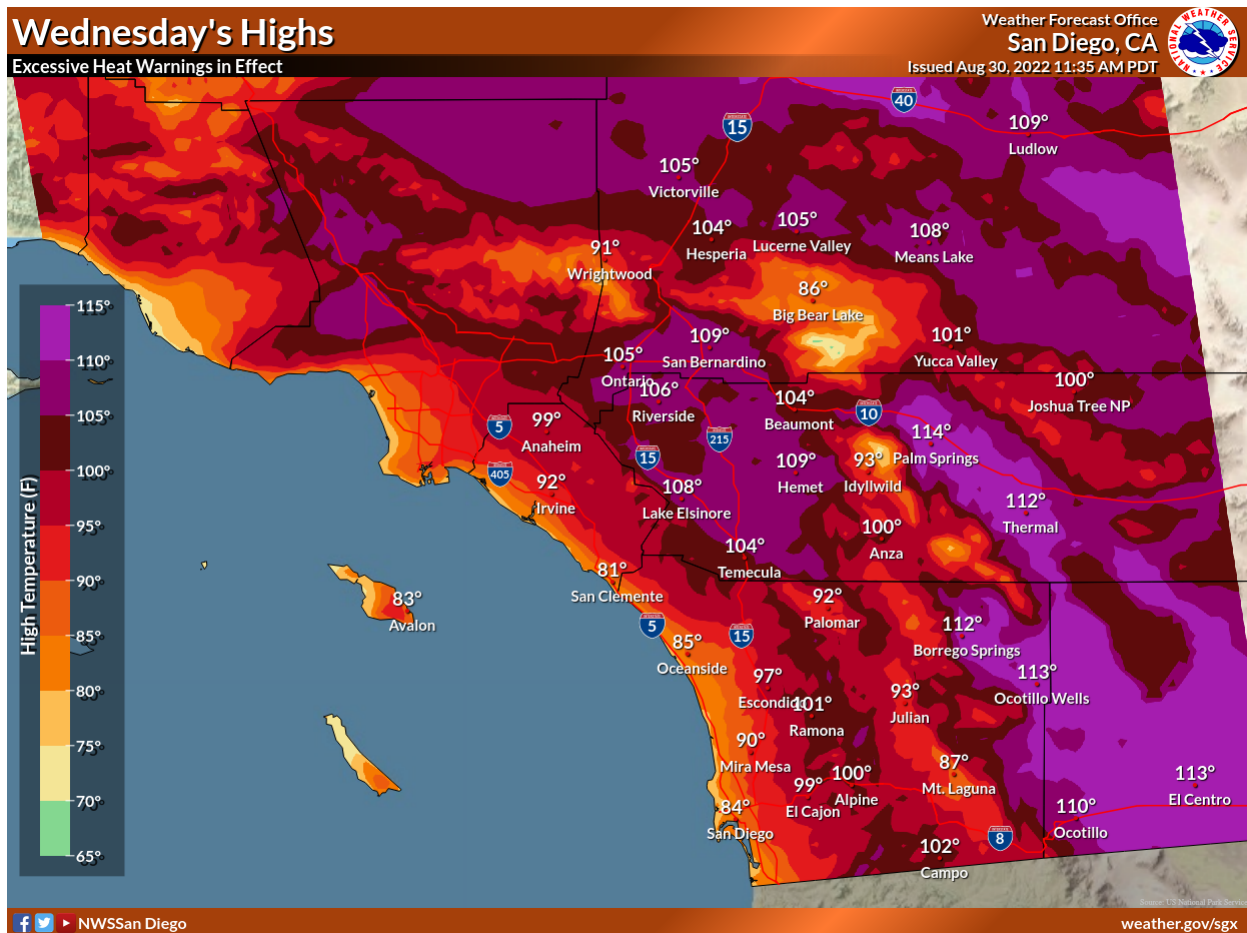
Chances for isolated to scattered thunderstorms return for the mountains on Friday and last through the weekend. The ongoing heat wave will combine with potential for dry lightning to raise concerns for new fire starts, in addition to threats for gusty and erratic winds as well as heavy downpours.

FOR MORE INFORMATION

For the latest forecast updates, visit [weather.gov/sandiego](https://www.weather.gov/sandiego).

If you have questions or would like to submit weather reports, photos, or to unsubscribe from these briefings, email sgx.forecasters@noaa.gov or call (858) 675-8705.

GRAPHICS



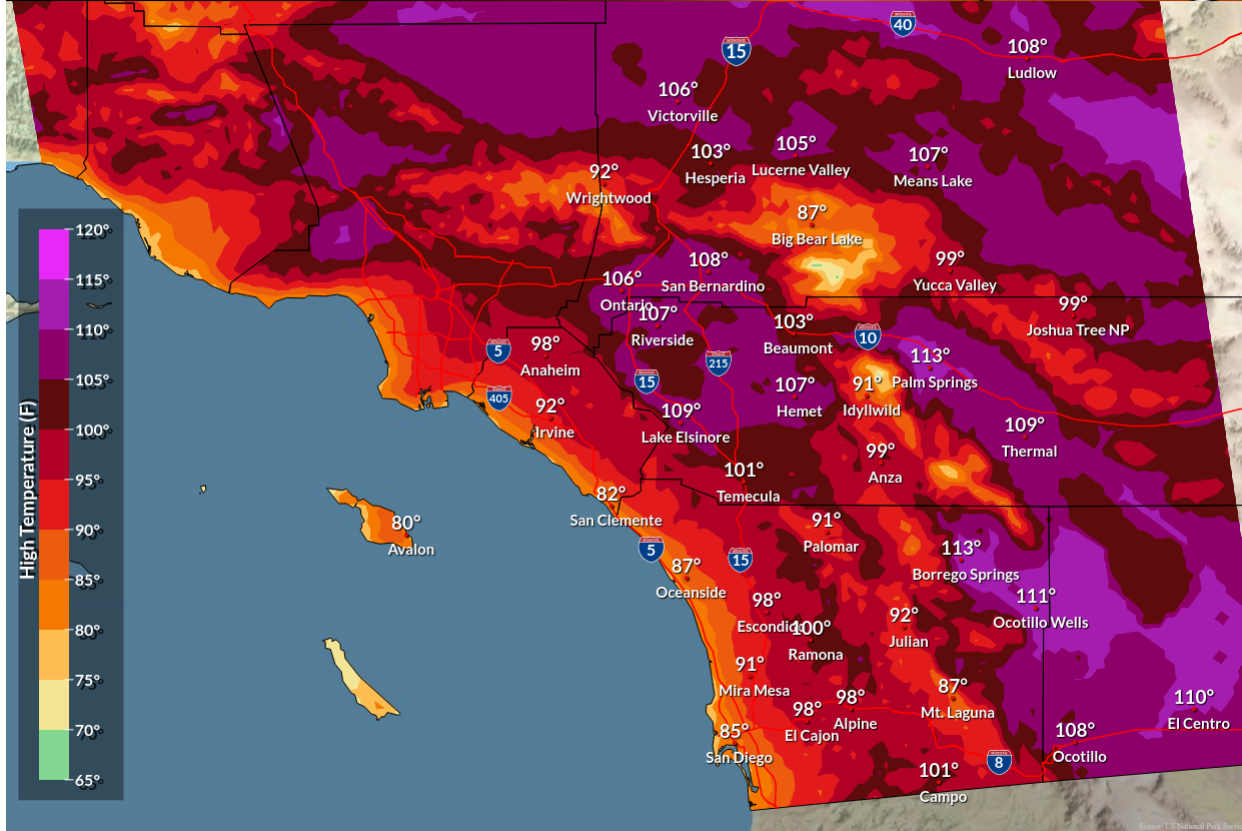
Wednesday's Highs

Thursday's Highs

Excessive Heat Warnings in Effect

Weather Forecast Office
San Diego, CA

Issued Aug 30, 2022 11:50 AM PDT



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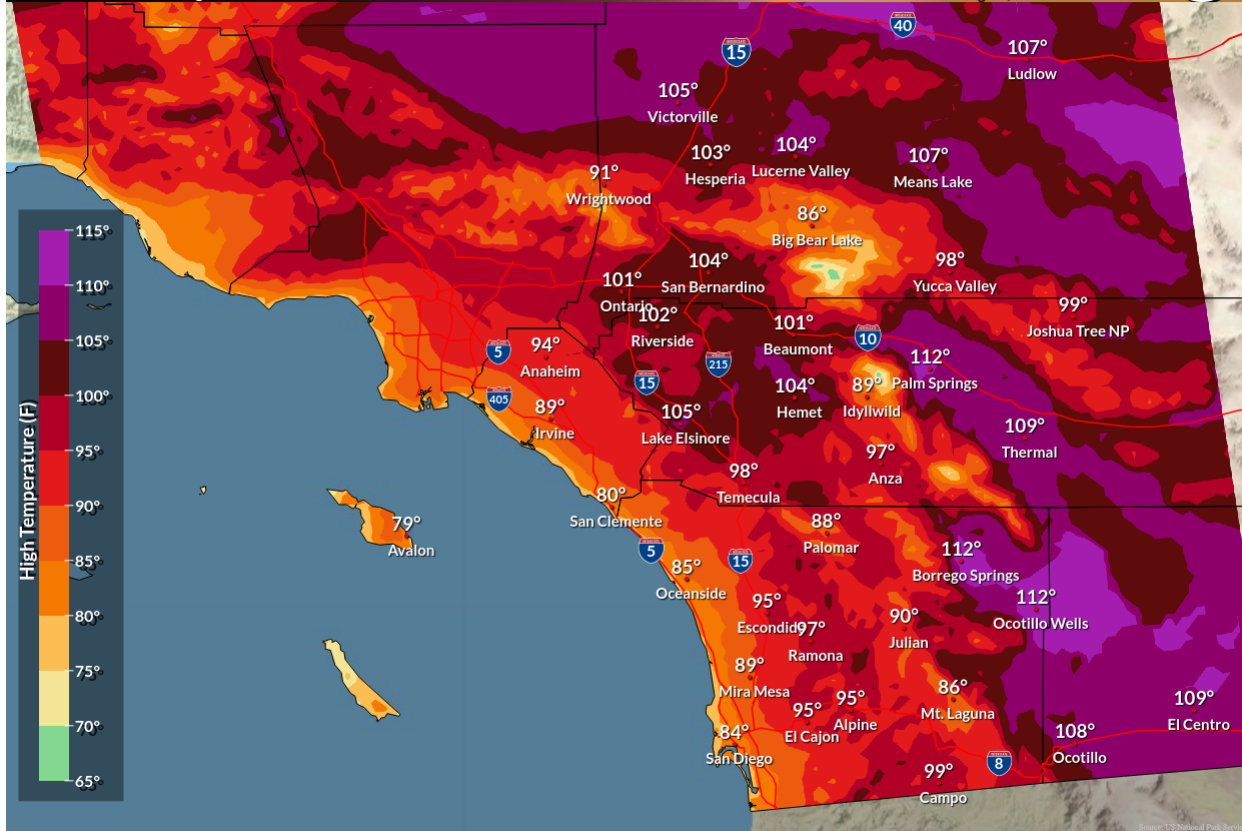
Thursday's Highs

Friday's Highs

Excessive Heat Warnings in Effect

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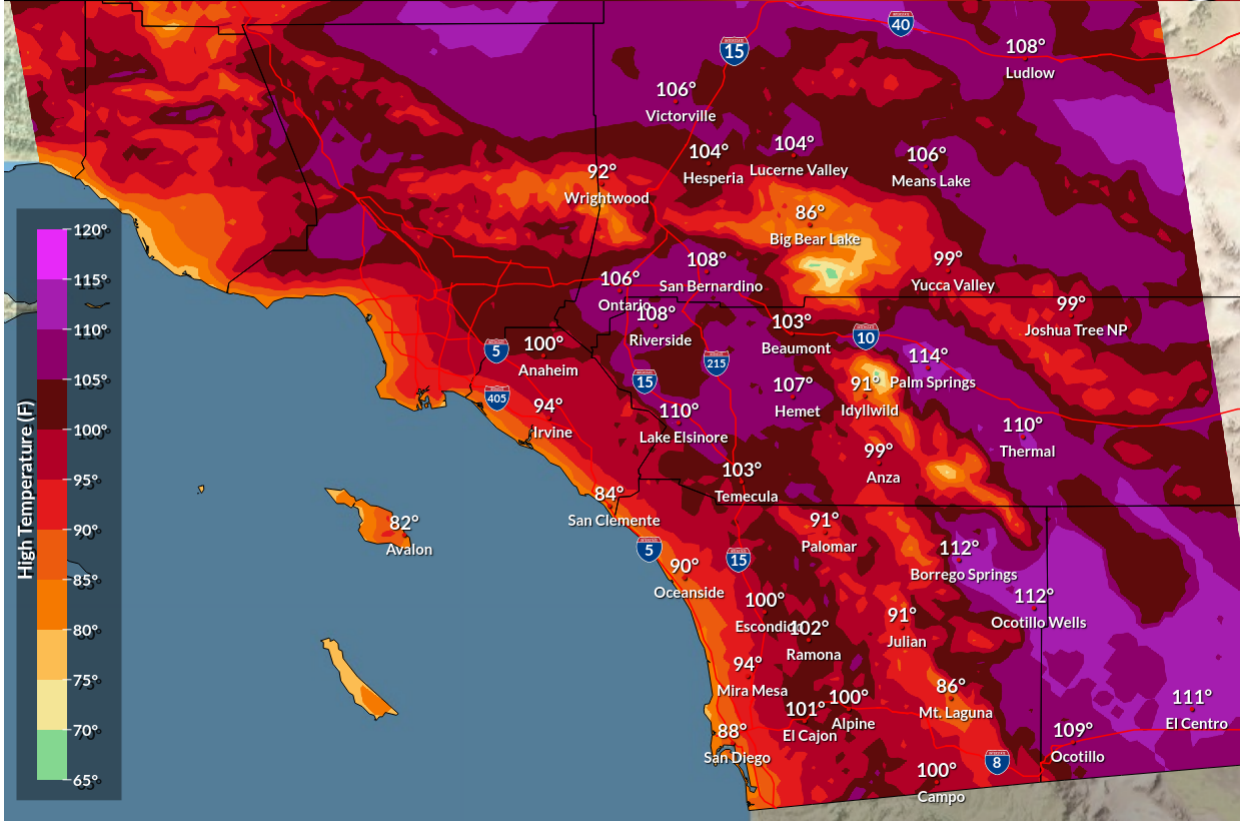
Friday's Highs

Saturday's Highs

Excessive Heat Warnings in Effect

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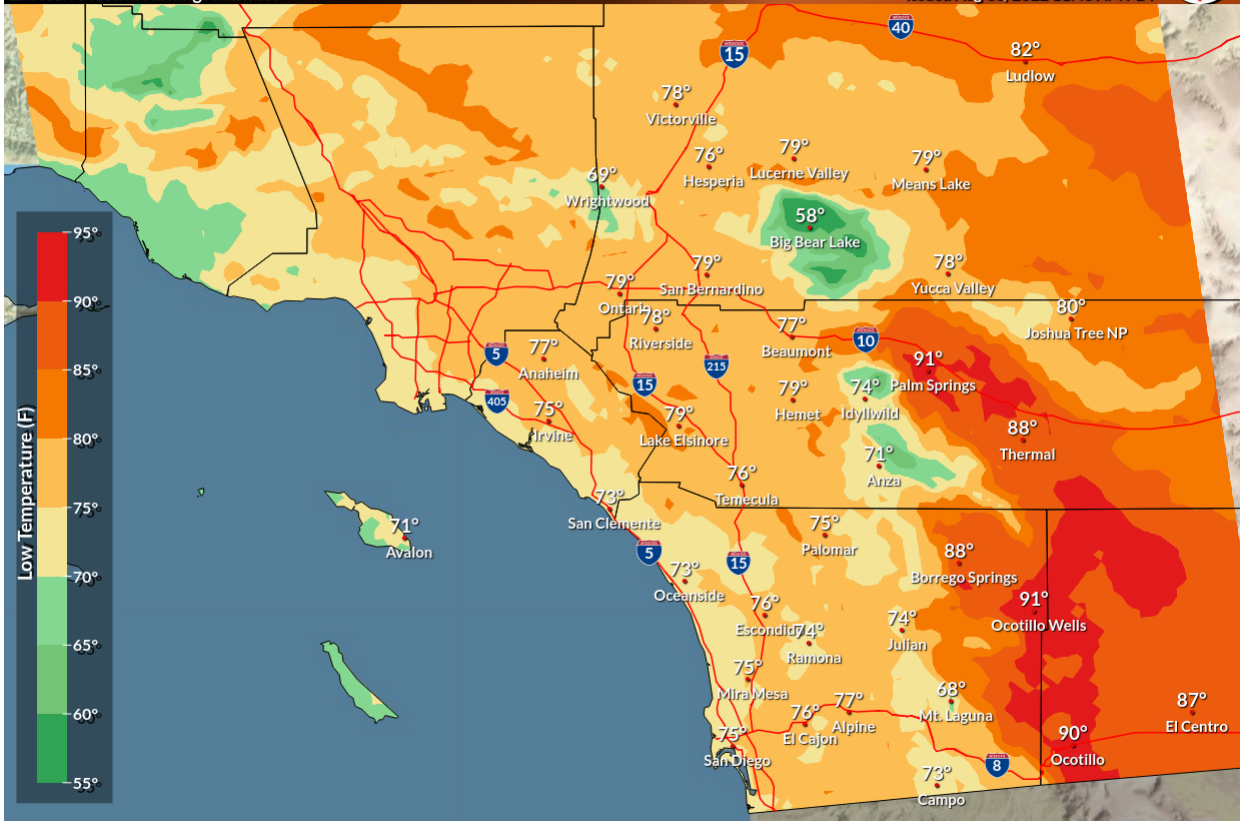
Saturday's Highs

Sunday's Lows

Excessive Heat Warnings in Effect

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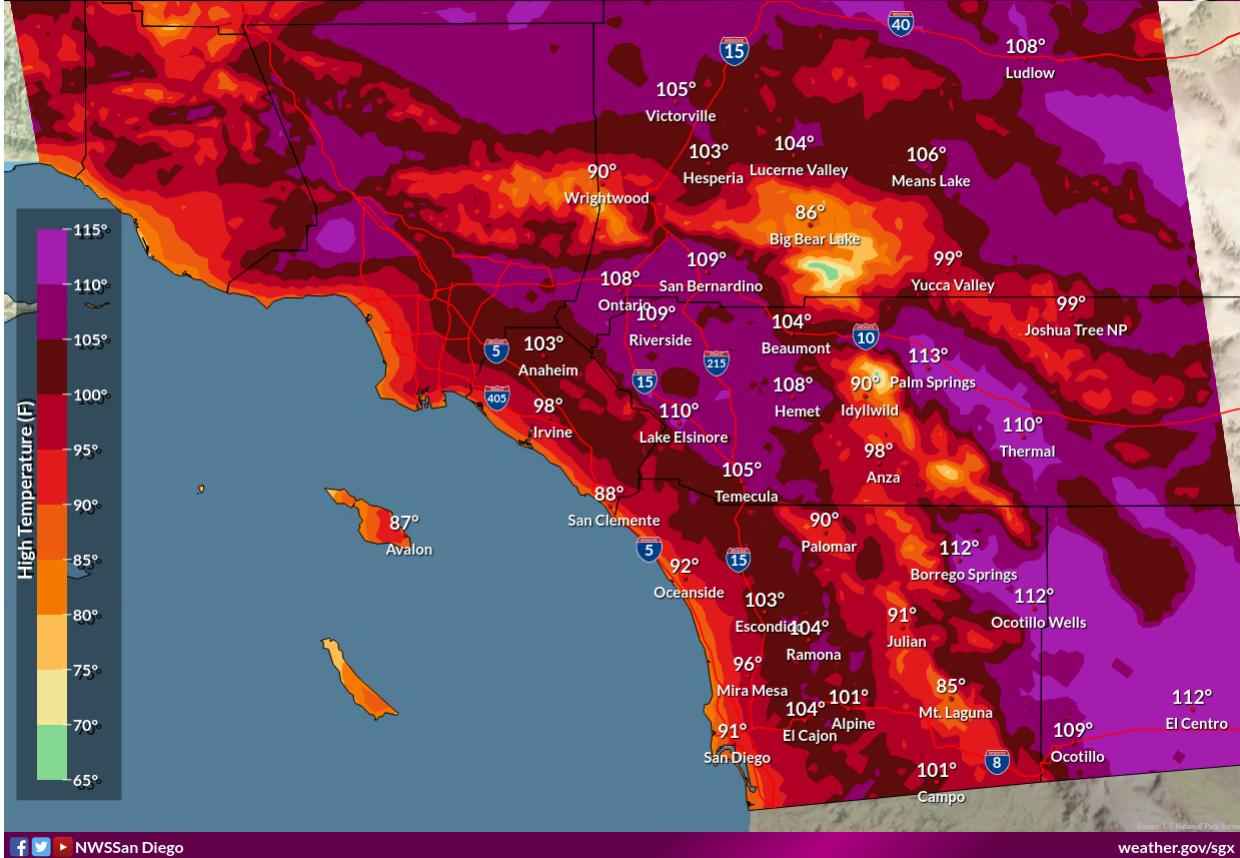
Sunday Morning's Lows

Sunday's Highs

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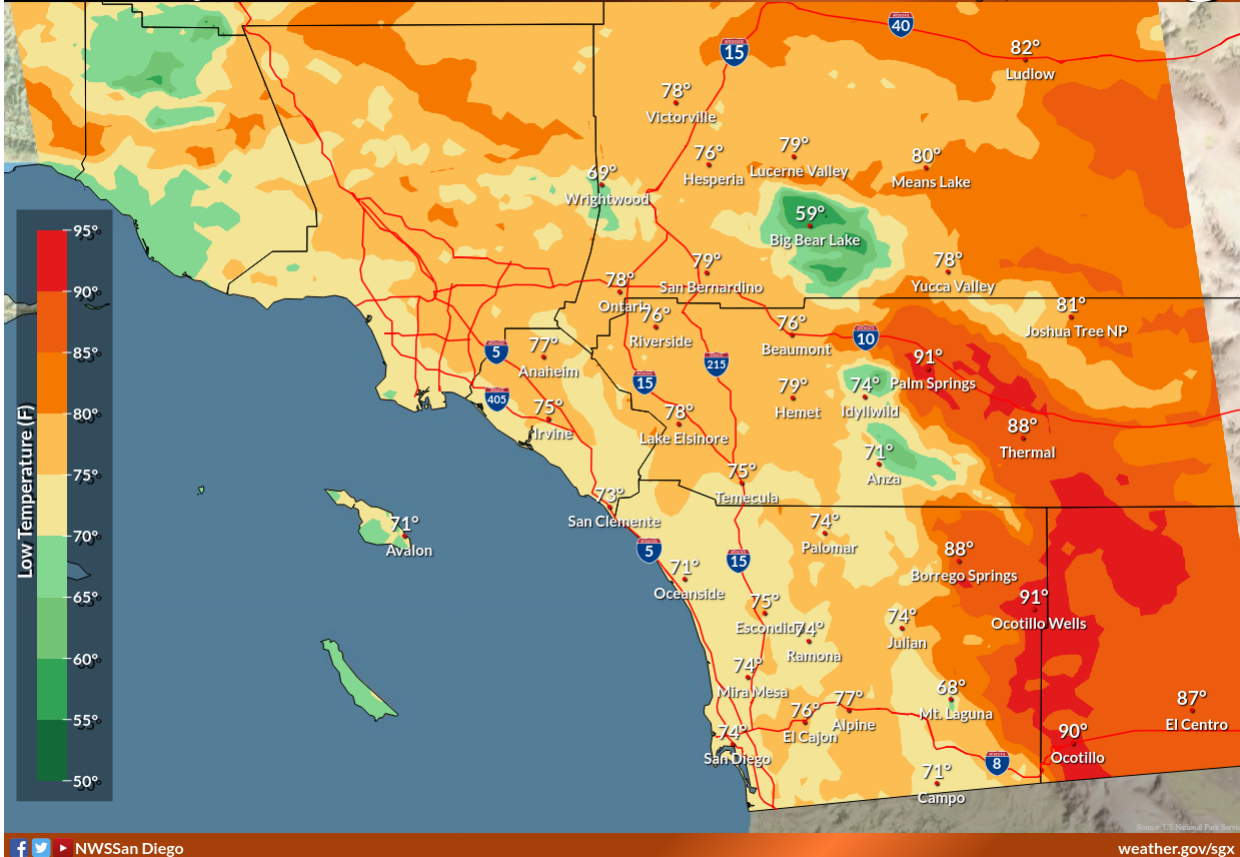
Sunday's Highs

Monday's Lows

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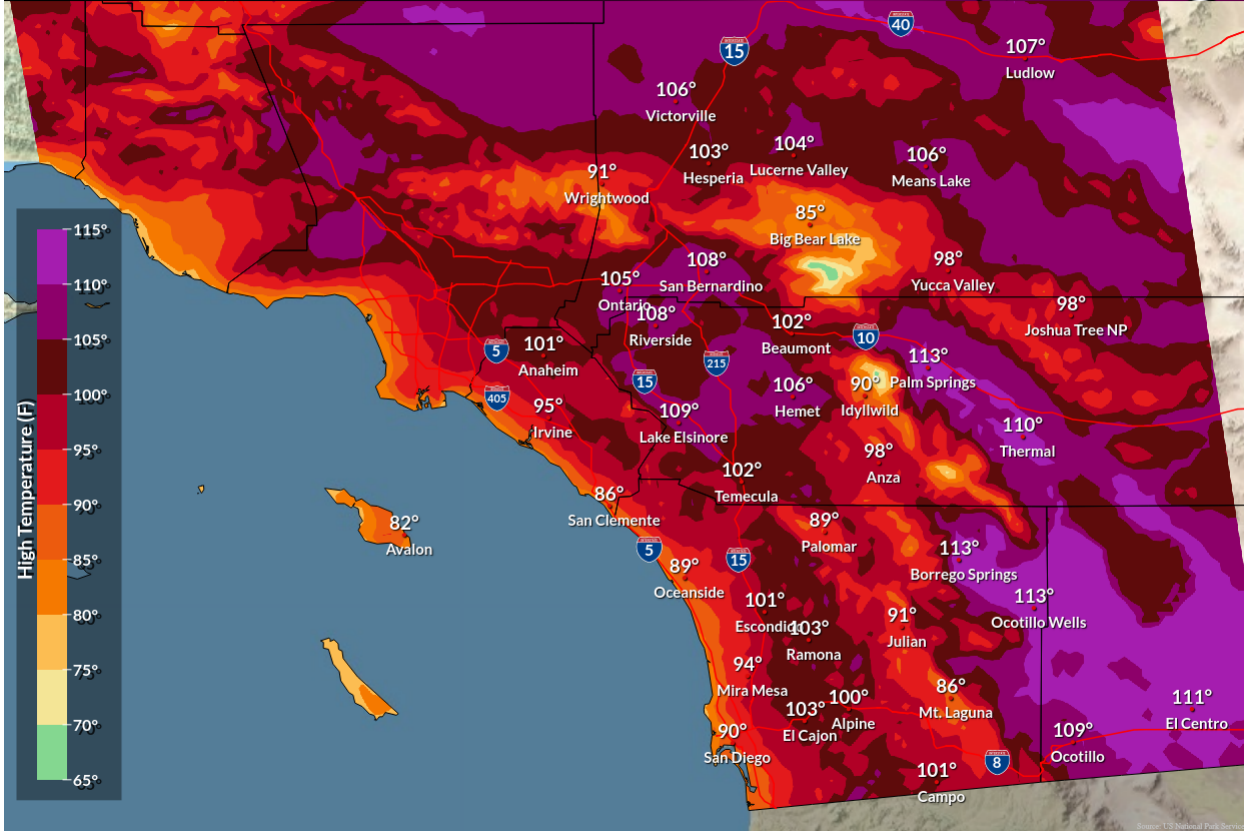
Monday Morning's Lows

Monday's Highs

Excessive Heat Warnings in Effect

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Monday's Highs