

NWS San Diego, CA

August 2022 Climate Summary

AUGUST WEATHER SUMMARY:

August was roughly 2 to 3.5 degrees warmer than average for all areas. The monsoon was fairly active during the entire month in the mountains and deserts, with most days featuring at least one thunderstorm. Precipitation in the mountains and deserts ranged from near normal to well above normal. Elsewhere, very little if any rain fell.



AUGUST TEMPERATURES



Location	Average High Temp (F)	Average Low Temp (F)	Average Temp (F)	Normal Average Temp (F)	Departure from Normal Average (F)
San Diego Airport	79.5	69.3	74.4	72.4	+2.0
Ramona Airport	93.9	62.2	78.1	74.7	+3.4
Escondido	92.4	68.1	80.3	77.2	+3.1
Santa Ana Fire Station	87.9	67.5	77.7	75.0	+2.7
Riverside Airport	97.5	68.5	83.0	79.8	+3.2
Idyllwild	88.0	58.5	73.3	70.6	+2.7
Big Bear Lake	79.0	53.0	66.0	64.1	+1.9
Palm Springs Airport	108.1	85.8	96.9	94.0	+2.9



AUGUST PRECIPITATION



Location	Total Precipitation (inches)	Normal Precipitation (inches)	Departure from Normal (inches)
San Diego Airport	Trace	0.01	-0.01
Ramona Airport	Trace	0.04	-0.04
Escondido	0.00	0.06	-0.06
Santa Ana Fire Station	0.00	0.00	0.00
Riverside	0.00	0.03	-0.03
Idyllwild	0.55	0.60	-0.05
Big Bear Lake	1.57	0.82	+0.75
Palm Springs Airport	Trace	0.14	-0.14



MAX AND MIN DEPARTURE FROM NORMAL

San Diego August 2022

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 80° +4° 78°	2 79° +3° 76°	3 77° +1° 76°	4 79° +2° 77°	5 80° +3° 77°	6 78° +1° 77°
7 79° +2° 77°	8 81° +4° 77°	9 85° +8° 77°	10 85° +8° 77°	11 83° +6° 77°	12 82° +5° 77°	13 80° +3° 77°
14 81° +4° 77°	15 79° +2° 77°	16 80° +3° 77°	17 81° +4° 77°	18 81° +4° 77°	19 77° -1° 78°	20 76° -2° 78°
21 75° -3° 78°	22 79° +1° 78°	23 76° -2° 78°	24 76° -2° 78°	25 79° +1° 78°	26 80° +2° 78°	27 77° -1° 78°
28 76° -2° 78°	29 78° 0° 78°	30 82° +4° 78°	31 85° +7° 78°			

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San Diego August 2022

Observed Minimum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 70° +3° 67°	2 70° +3° 67°	3 69° +2° 67°	4 68° +1° 67°	5 69° +2° 67°	6 69° +2° 67°
7 67° 0° 67°	8 68° 0° 68°	9 70° +2° 68°	10 72° +4° 68°	11 69° +2° 67°	12 69° +2° 67°	13 70° +2° 68°
14 70° +2° 68°	15 70° +2° 68°	16 69° +1° 68°	17 69° +1° 68°	18 69° +1° 68°	19 68° 0° 68°	20 69° +1° 68°
21 68° 0° 68°	22 69° +1° 68°	23 69° +1° 68°	24 69° +1° 68°	25 70° +2° 68°	26 71° +4° 67°	27 70° +2° 68°
28 70° +2° 68°	29 71° +4° 67°	30 69° +2° 67°	31 69° +2° 67°			

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MAX AND MIN DEPARTURE FROM NORMAL

Riverside - August 2022

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 97° +2° 95°	2 94° 0° 94°	3 95° 0° 95°	4 93° -2° 95°	5 96° +1° 95°	6 97° +2° 95°
7 104° +9° 95°	8 99° +4° 95°	9 101° +6° 95°	10 100° +5° 95°	11 101° +6° 95°	12 102° +7° 95°	13 103° +8° 95°
14 101° +6° 95°	15 100° +5° 95°	16 102° +7° 95°	17 100° +5° 95°	18 97° +2° 95°	19 98° +3° 95°	20 91° -4° 95°
21 89° -6° 95°	22 93° -2° 95°	23 97° +2° 95°	24 97° +2° 95°	25 98° +1° 95°	26 97° +2° 95°	27 91° -4° 95°
28 89° -6° 95°	29 93° -2° 95°	30 102° +7° 95°	31 109° +14° 95°			

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Riverside - August 2022

Observed Minimum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 71° +6° 65°	2 69° +4° 65°	3 69° +4° 65°	4 68° +3° 65°	5 72° +7° 65°	6 68° +3° 65°
7 68° +3° 65°	8 71° +6° 65°	9 73° +8° 65°	10 71° +6° 65°	11 70° +5° 65°	12 68° +3° 65°	13 71° +6° 65°
14 71° +6° 65°	15 68° +3° 65°	16 68° +3° 65°	17 70° +5° 65°	18 67° +2° 65°	19 66° +1° 65°	20 67° +2° 65°
21 65° 0° 65°	22 65° 0° 65°	23 65° 0° 65°	24 68° +4° 64°	25 70° +6° 64°	26 68° +4° 64°	27 65° +1° 64°
28 65° +1° 64°	29 65° +1° 64°	30 69° +5° 64°	31 71° +7° 64°			

NWS San Diego



NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION

San Diego

MAX AND MIN DEPARTURE FROM NORMAL

Palm Springs - August 2022

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 105° -4° 109°	2 110° +1° 109°	3 110° +1° 109°	4 99° -10° 109°	5 103° -6° 109°	6 114° +5° 109°
7 107° -2° 109°	8 106° -3° 109°	9 107° -2° 109°	10 109° 0° 108°	11 109° 0° 109°	12 108° -1° 109°	13 102° -6° 108°
14 108° 0° 108°	15 107° -1° 108°	16 110° +2° 108°	17 110° +2° 108°	18 114° +6° 108°	19 107° -1° 108°	20 103° -5° 108°
21 109° +1° 108°	22 107° -1° 108°	23 107° -1° 108°	24 106° -2° 108°	25 106° -1° 107°	26 113° +6° 107°	27 111° +4° 107°
28 106° -1° 107°	29 107° 0° 107°	30 116° +9° 107°	31 115° +9° 106°			

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Palm Springs - August 2022

Observed Minimum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 86° +5° 81°	2 88° +7° 81°	3 86° +5° 81°	4 89° +8° 81°	5 86° +5° 81°	6 84° +4° 80°
7 88° +8° 80°	8 87° +7° 80°	9 86° +6° 80°	10 85° +5° 80°	11 85° +5° 80°	12 89° +9° 80°	13 84° +4° 80°
14 86° +6° 80°	15 87° +7° 80°	16 86° +6° 80°	17 87° +7° 80°	18 88° +8° 80°	19 84° +4° 80°	20 85° +5° 80°
21 86° +6° 80°	22 86° +6° 80°	23 86° +7° 79°	24 88° +9° 79°	25 87° +8° 79°	26 86° +7° 79°	27 74° -5° 79°
28 82° +3° 79°	29 82° +3° 79°	30 87° +9° 78°	31 89° +11° 78°			

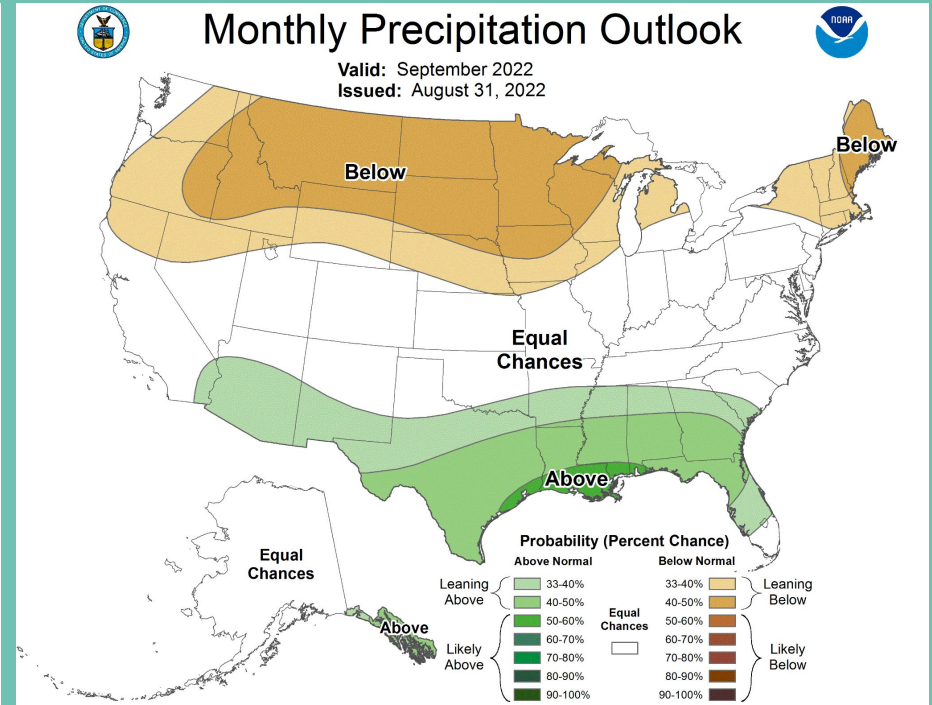
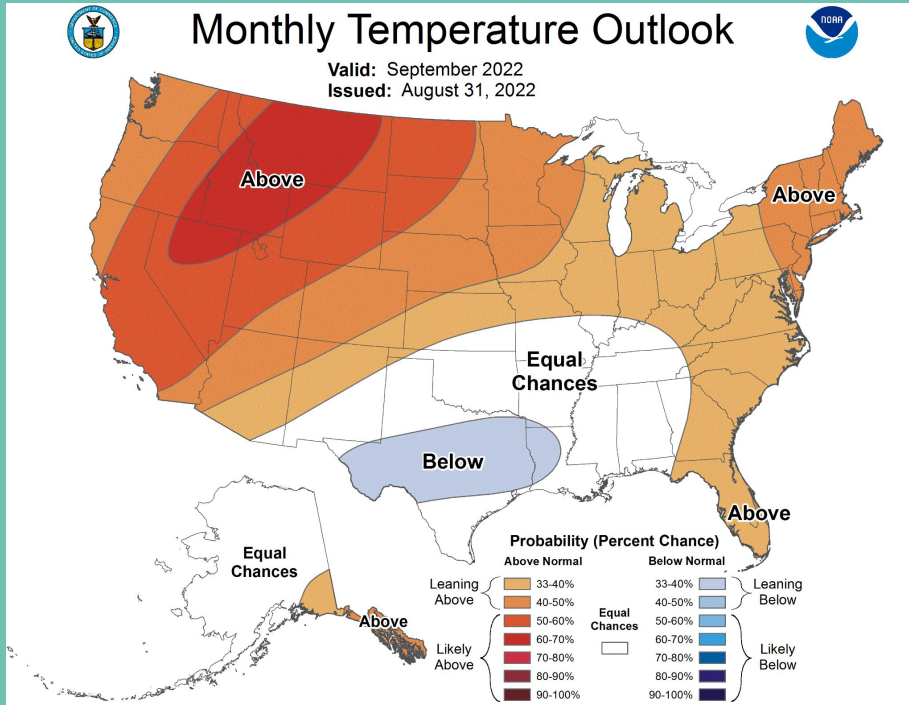
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NOTEWORTHY DAILY RECORD REPORTS IN AUGUST

Site	Date	Record Type	New Record	Previous Record
Anaheim	August 31	Max High Temp	106	102 (2007)
Idyllwild	August 31	Max High Temp	96	94 (2017)
Campo	August 31	Max High Temp	105	105 (1998)
On the last day of August, Anaheim reached 106 degrees, breaking their 2007 daily and monthly high temperature record for any August day. The previous daily record for August was 105 degrees, set on August 18, 2020.				



SEPTEMBER OUTLOOK



The Climate Prediction Center favors above average temperatures in California in the month of September. A diminishing monsoon could still bring above average precipitation to far southeastern California.

DROUGHT UPDATE

U.S. Drought Monitor California

August 2, 2022
(Released Thursday, Aug. 4, 2022)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.78	97.47	59.81	12.12
Last Week 07-26-2022	0.00	100.00	99.78	97.47	59.81	12.74
3 Months Ago 05-03-2022	0.00	100.00	100.00	95.18	40.51	0.00
Start of Calendar Year 01-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year 09-28-2021	0.00	100.00	100.00	93.93	87.88	45.66
One Year Ago 08-03-2021	0.00	100.00	100.00	95.07	88.37	46.45

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

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National Drought Mitigation Center



droughtmonitor.unl.edu

U.S. Drought Monitor California

August 30, 2022
(Released Thursday, Sep. 1, 2022)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.76	97.52	40.18	16.57
Last Week 08-23-2022	0.00	100.00	99.76	97.53	43.16	16.57
3 Months Ago 05-31-2022	0.00	100.00	99.88	97.56	59.81	11.59
Start of Calendar Year 01-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year 09-28-2021	0.00	100.00	100.00	93.93	87.88	45.66
One Year Ago 08-31-2021	0.00	100.00	100.00	95.56	88.37	47.40

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

Drought deepened in the San Joaquin Valley. Drought conditions improved in the deserts from extreme to severe as a robust monsoon season brought above average rainfall. Otherwise, August brought no changes to the ongoing drought.



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