

Lost Winter in France

Analysis: Climate change adding more winter days above freezing — affecting snowfall, winter sports, ecosystems, and more

December 2024

KEY FACTS

- **Across France, climate change — due primarily to burning oil, coal, and methane gas — is causing a significant increase in winter days above freezing, otherwise known as lost winter days.**
 - **Analysis of daily minimum temperatures during winter (December, January, February) shows that France experienced at least 10 additional days above freezing (0°C) annually during the past decade (2014–2023) due to human-caused warming.**
 - **Around 85% of France's divisions (11 of 13) saw more than an additional week's worth of winter days above freezing each year, compared to a world without climate change.**
 - **Losing winter's chill affects snowfall, winter sports, water supplies, spring allergies, crops, and more.**
- [Download data](#)

This national summary is part of a broader analysis, in which Climate Central assessed how warming temperatures, attributed to climate change, affected the number of days above freezing (0°C) during winter (December, January, February) in 123 countries across the Northern Hemisphere over this past decade (2014–2023). For locations across the globe, findings show how many lost winter days — days between December–February where minimum temperatures exceeded 0°C — are occurring annually due to climate change. For detailed methodology and summary of findings for 123 countries and 901 cities, [see the full report](#).

RESULTS

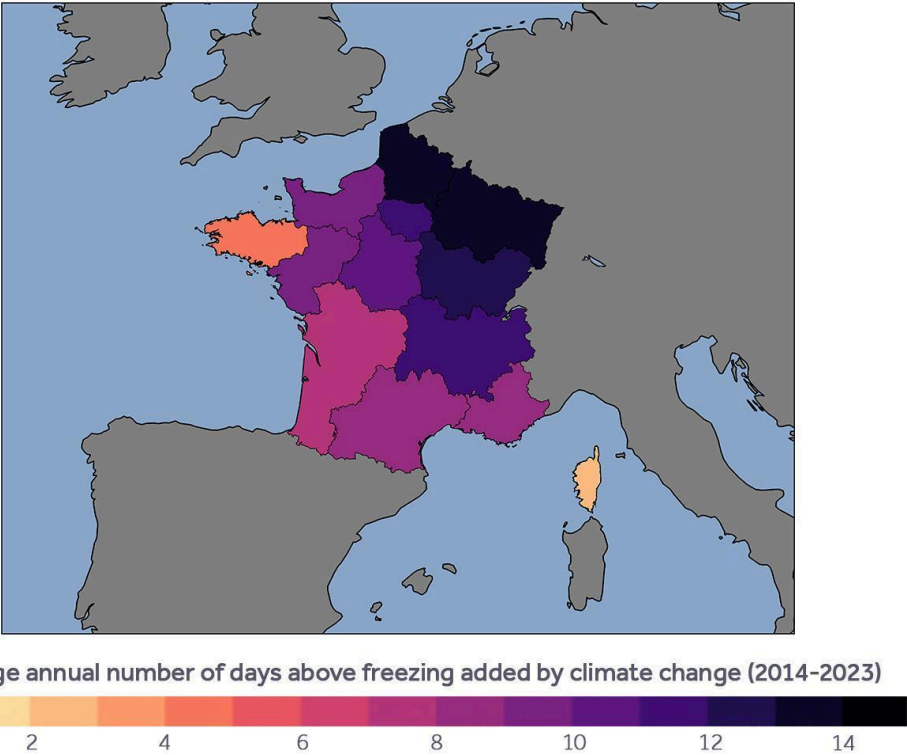


Figure 1. Annual winter days with minimum temperatures above 0°C added by climate change, averaged across the country over a ten-year period (2014-2023) in France.

Region	Winter days above 0°C annually	Winter days above 0°C added by climate change annually
Grand Est	62	14
Hauts-de-France	72	13
Bourgogne-Franche-Comté	60	12
Auvergne-Rhône-Alpes	48	12
Île-de-France	69	11
Centre-Val de Loire	70	10
Normandie	77	10
Pays de la Loire	76	9
Occitanie	65	9
Provence-Alpes-Côte d'Azur	54	9
Nouvelle-Aquitaine	73	8
Bretagne	83	5
Corse	87	2

Table 1. Regions in France with the most winter days with minimum temperatures above 0°C added each year due to human-caused climate change. Results represent averages over the past decade (2014-2023).

Climate Central is an independent group of scientists and communicators who research and report the facts about our changing climate and how it affects people’s lives. Climate Central is a policy-neutral 501(c)(3) nonprofit.

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