

Resource Summary Report

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National Climatic Data Center

RRID:SCR_009427

Type: Tool

Proper Citation

National Climatic Data Center (RRID:SCR_009427)

Resource Information

URL: <https://www.ncdc.noaa.gov/>

Proper Citation: National Climatic Data Center (RRID:SCR_009427)

Description: National Data Center that accepts and makes available weather, climate, paleoclimate, meteorological data.

Abbreviations: NCDC

Resource Type: service resource, data or information resource, data repository, database, storage service resource

Keywords: weather, climate, paleoclimate, meteorology, FASEB list

Resource Name: National Climatic Data Center

Resource ID: SCR_009427

Alternate IDs: nlx_154702

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260729T044226+0000

Ratings and Alerts

No rating or validation information has been found for National Climatic Data Center.

No alerts have been found for National Climatic Data Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 117 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Liang Y, et al. (2026) A standardized indicator reveals sharper increases in heat related mortality in temperate zone cities worldwide. *Scientific reports*, 16(1), 216.

Chen Y, et al. (2025) Air pollution in New Delhi is more severe than observed due to hygroscopicity-induced bias in aerosol sampling. *NPJ clean air*, 1(1), 1.

Powell JE, et al. (2025) Lack of significant effect of gut microbiota on weight gain in newly emerged worker honeybee. *Royal Society open science*, 12(3), 242151.

Wu H, et al. (2025) Significant sensitivity of global vegetation productivity to terrestrial surface wind speed changes. *Nature communications*, 16(1), 9315.

Condon KV, et al. (2025) Experimental drought consistently underestimates productivity responses to natural drought in four Central US grasslands. *Oecologia*, 207(7), 104.

Wang S, et al. (2025) Temporal dynamics of walnut phyllosphere microbiota under synergistic pathogen exposure and environmental perturbation. *Frontiers in microbiology*, 16, 1551476.

Hemp A, et al. (2025) Gain and loss: Human and environmental wellbeing - drivers of Kilimanjaro's decreasing biodiversity. *PloS one*, 20(10), e0334184.

Charney ND, et al. (2025) The reach of road salt into vernal pools and the response of amphibians. *PloS one*, 20(10), e0329680.

Wei J, et al. (2025) Genetic and Environmental Patterns Underlying Phenotypic Plasticity in Flowering Time and Plant Height in Sorghum. *Plant, cell & environment*, 48(4), 2727.

Ward Jones MK, et al. (2025) Annual and sub-seasonal dynamics of a rapidly eroding permafrost coastline along the Beaufort Sea in northern Alaska. *Scientific reports*, 15(1), 19798.

Unrine JM, et al. (2024) Spatial and seasonal variation in disinfection byproducts concentrations in a rural public drinking water system: A case study of Martin County, Kentucky, USA. *PLOS water*, 3(3).

Sun A, et al. (2024) The temperature effect on perceived income. *Scientific reports*, 14(1), 6169.

Hacker CE, et al. (2024) Understanding resource use and dietary niche partitioning in a high-altitude predator guild using seasonal sampling and DNA metabarcoding. *PloS one*, 19(12), e0315995.

Wang Y, et al. (2024) Genomic insights into the seawater adaptation in Cyprinidae. *BMC biology*, 22(1), 87.

Wang M, et al. (2024) Spatiotemporal wind speed forecasting using conditional local convolution and multidimensional meteorology features. *Scientific reports*, 14(1), 26219.

Wu W, et al. (2024) Temperature-Dependent Evaporative Anthropogenic VOC Emissions Significantly Exacerbate Regional Ozone Pollution. *Environmental science & technology*, 58(12), 5430.

Sustaita D, et al. (2024) Phenotypic differentiation despite gene flow: Beak morphology, bite performance, and population genetics of Loggerhead Shrikes (*Lanius ludovicianus*). *Ecology and evolution*, 14(3), e11079.

Buzard RM, et al. (2024) Current and projected flood exposure for Alaska coastal communities. *Scientific reports*, 14(1), 7765.

Chefaoui RM, et al. (2024) Temporal variability of sea surface temperature affects marine macrophytes range retractions as well as gradual warming. *Scientific reports*, 14(1), 14206.

Coop JD, et al. (2023) Postfire futures in southwestern forests: Climate and landscape influences on trajectories of recovery and conversion. *Ecological applications* : a publication of the Ecological Society of America, 33(1), e2725.