

Resource Summary Report

Generated by SPARC SAWG on Sep 18, 2026

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: data or information resource, data repository, database, service resource, 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: 20260912T195712+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 135 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

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.

Li J, et al. (2026) Variation in Tree Growth Increases With Global Warming. Ecology letters, 29(2), e70326.

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.

Zhou Y, et al. (2025) Quantitative analysis of sediment source contributions to the different deposits in the Taklamakan Desert, western China, determined using discriminant function analysis. Scientific reports, 16(1), 2383.

Carroll MJ, et al. (2025) E-B-ocimene and brood cannibalism: Interplay between a honey bee larval pheromone and brood regulation in summer dearth colonies. PloS one, 20(2), e0317668.

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

Zheng X, et al. (2025) Predicting the incidence of common intestinal infectious diseases in Changzhou, China based on environmental factors and deep learning. BMC public health, 26(1), 319.

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.

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

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

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.

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.

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).

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

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

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

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.

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.