PACIFIC CLIMATE INFORMATION SYSTEM

Data and Products Thu Mar 28 13:10:25 HST 2024

Name	National Climatic Data Center - Pacific Region Climate Services (NCDC-RCSD)
Capability Area	- Understanding Climate Variability and Change - Understanding Climate Impacts and Informing Adaptation
Focus Area	- Fresh Water Resources and Drought - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	- Central North Pacific - Western North Pacific - South Pacific - Pacific Basin - Global
Data/Physical	- Data - Physical - In-situ Observations - Satellite-Remote Observations - Model Results - Reanalysis Products - Imagery - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) - Terrestrial (e.g., Groundwater, Soil Moisture)

Products/Physical	- Products - Physical - Hindcasts (climatologies) - Outloooks (monthly to annual) - Impacts - Drought - Flooding/Inundation - Eroison - Bleaching - Spatial Scale - Region/Nation - Time Scale - Past - Current - Future - Methodology - Obs/In-situ - Obs/Remote - Model/Statistical - Model/Dynamical - Projections (intrannual to multi-decadal) - Guidance, including “Best Practices” Manuals, Toolkits, and Guides - Applications, including Visualization and Decision Support Tools - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) - Terrestrial (e.g., Groundwater, Soil Moisture)
Sectors	- Public Health and Safety - Fresh Water Resources - Energy - Transportation/Communication and Commerce - Community Planning and Development - Agriculture and Fisheries - Recreation and Tourism - Ecosystems

Description	The National Climatic Data Center's (NCDC) Regional Climate Services Directors (RCSD) support the development and delivery of a wide range of place-based climate science and information products and services to help people make informed decisions. RCSDs regularly communicate with stakeholders about climate information needs, and help build and strengthen active partner networks with public and private constituents. They play a primary role in integrating the work within NOAA and among its partners engaged in developing and delivering climate services at the regional level, including the Regional Integrated Sciences and Assessment programs, Regional Climate Centers, state climatologists, the National Integrated Drought Information System as well as other agencies, institutions, and organizations. These efforts serve to increase the value of climate information to users and support more efficient, cost-effective delivery of products and services.
Url	http://www.rcsdhome.org/pacific
Lead Agencies	NOAA/NESDIS/NCDC
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