PACIFIC CLIMATE INFORMATION SYSTEM

Data and Products Thu Mar 28 23:41:41 HST 2024

Name	Rainfall Atlas of Hawaii
Capability Area	- Understanding Climate Impacts and Informing Adaptation
Focus Area	- Fresh Water Resources and Drought
Regions	- Central North Pacific - State Of Hawaii
Products/Physical	- Products - Physical - Outloooks (monthly to annual) - Impacts - Drought - Spatial Scale - Location/Site - Time Scale - Past - Methodology - Obs/In-situ - Model/Statistical - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - Terrestrial (e.g., Groundwater, Soil Moisture)
Sectors	- Public Health and Safety - Fresh Water Resources - Agriculture and Fisheries - Recreation and Tourism - Ecosystems
Description	The Rainfall Atlas of Hawaii is a set of maps of the spatial patterns of rainfall for the major Hawaiian Islands. Maps are available for mean monthly and annual rainfall. The maps represent our best estimates of the mean rainfall for the 30-yr base period 1978–2007. However, for many reasons, it is not possible to determine the exact value of mean rainfall for any location. Therefore, for every map of mean rainfall, we provide a corresponding map of uncertainty. Uncertainty tends to be greatest where we have the poorest information about rainfall, for example in remote locations far from the nearest rain gage.
Url	http://rainfall.geography.hawaii.edu/
Lead Agencies	University of Hawaii – Department of Geography
Contacts	rainfall@hawaii.edu