Data and Products Thu Mar 28 05:13:53 HST 2024

Name	Pacific ENSO Applications Climate Center (PEAC)
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 - State Of Hawaii - Western North Pacific - CNMI - FSM - Guam - Palau - RMI - South Pacific - American Samoa

Products/Physical	- Hindcasts (climatologies) - Outloooks (monthly to annual) - Impacts - Drought - Spatial Scale - Region/Nation - Time Scale - Future - Methodology - Obs/In-situ - Obs/Remote - Model/Statistical - Model/Dynamical - Projections (intrannual to multi-decadal) - Guidance, including “Best Practices” Manuals, Toolkits, and Guides - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)
Sectors	- Public Health and Safety - Fresh Water Resources - Energy - Transportation/Communication and Commerce - Community Planning and Development - Agriculture and Fisheries - Recreation and Tourism
Description	The mission of the Pacific ENSO Applications Climate Center is to conduct research and develop information products specific to the U.S.-Affiliated Pacific Islands (USAPI) on the ENSO climate cycle, its historical impacts and latest long-term forecasts of ENSO conditions, in support of planning and management activities in such climate-sensitive sectors as water resource management, fisheries, agriculture, civil defense, public utilities, coastal zone management and other economic and environmental sectors of importance to the communities of the USAPI. PEAC produces and distributes many information products related to ENSO and it's affects on the Pacific Islands. Seasonal sea level forecasts are issued in each quarterly edition of the Pacific ENSO Update newsletter. Additional sea level information is available on the Sea Level page. General climate information (including average seasonal rainfall) can be found by clicking on the desired location on the interactive map.
Url	http://www.prh.noaa.gov/peac/
Lead Agencies	NOAA National Weather Service, University of Hawaii - School of Ocean and Earth Science and Technology, University of Guam - Water and Environmental Research Institute

Contacts	Pacific ENSO Applications Climate Center, peac@noaa.gov