Data and Products Fri Mar 29 01:34:51 HST 2024

| Name | NOAA Climate Services Portal |
|---|---|
| Capability Area | - Understanding Climate Variability and Change<br>- Understanding Climate Impacts and Informing Adaptation |
| Focus Area | - Fresh Water Resources and Drought<br>- Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience<br>- Marine and Terrestrial Ecosystems |
| Regions | - Central North Pacific<br>- State Of Hawaii<br>- Western North Pacific<br>- CNMI<br>- FSM<br>- Guam<br>- Palau<br>- RMI<br>- South Pacific<br>- American Samoa<br>- Pacific Basin<br>- Global |
| Data/Physical | - Data - Physical<br>- In-situ Observations<br>- Satellite-Remote Observations<br>- Model Results<br>- Reanalysis Products<br>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)<br>- Terrestrial (e.g., Groundwater, Soil Moisture) |

| | |
|---|---|
| Products/Physical | - Products - Physical<br>- Hindcasts (climatologies)<br>- Outloooks (monthly to annual)<br>- Impacts<br>- Drought<br>- Flooding/Inundation<br>- Eroison<br>- Bleaching<br>- Spatial Scale<br>- Region/Nation<br>- Location/Site<br>- Time Scale<br>- Past<br>- Current<br>- Future<br>- Methodology<br>- Obs/In-situ<br>- Obs/Remote<br>- Model/Statistical<br>- Model/Dynamical<br>- Projections (intrannual to multi-decadal)<br>- Guidance, including “Best Practices” Manuals, Toolkits, and Guides<br>- Applications, including Visualization and Decision Support Tools<br>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)<br>- Terrestrial (e.g., Groundwater, Soil Moisture) |
| Non Physical | - Data, Products, and Tools - Non-physical<br>- Biological<br>- Socio-economic<br>- Cultural |

| | |
|---|---|
| Sectors | - Public Health and Safety<br>- Fresh Water Resources<br>- Energy<br>- Transportation/Communication and Commerce<br>- Community Planning and Development<br>- Social and Cultural Resources<br>- Agriculture and Fisheries<br>- Recreation and Tourism<br>- Ecosystems |
| Description | With the rapid rise in the development of web technologies and climate services across NOAA, there has been an increasing need for greater collaboration regarding NOAA online climate services. The drivers include the need to enhance NOAA web presence in response to customer requirements, emerging needs for improved decision making capabilities across all sectors of society facing impacts from climate variability and change, and the importance of leveraging climate data and services to support research and public education. To address these needs, NOAA embarked upon an ambitious program to develop a NOAA Climate Services Portal. The goal is for the Portal to become the go to website for NOAA climate data, products, and services for all users. |
| Url | http://www.climate.gov/ |
| Lead Agencies | NOAA |
| Contacts | NOAA Climate Services Portal, climate-portal@noaa.gov |