Data and Products Thu Mar 28 04:13:18 HST 2024

| Name | NOAA OceanWatch - Central Pacific |
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| Capability Area | - Understanding Climate Variability and Change<br>- Understanding Climate Impacts and Informing Adaptation |
| Focus Area | - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience<br>- Marine and Terrestrial Ecosystems |
| Regions | - Central North Pacific<br>- Western North Pacific<br>- South Pacific<br>- Pacific Basin |
| Data/Physical | - Data - Physical<br>- In-situ Observations<br>- Satellite-Remote Observations<br>- Bathymetry and Topography<br>- Imagery<br>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) |

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| Products/Physical | - Products - Physical<br>- Hindcasts (climatologies)<br>- Outloooks (monthly to annual)<br>- Impacts<br>- Drought<br>- Flooding/Inundation<br>- Bleaching<br>- Spatial Scale<br>- Region/Nation<br>- Time Scale<br>- Past<br>- Current<br>- Future<br>- Methodology<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) |
| Sectors | - Public Health and Safety<br>- Transportation/Communication and Commerce<br>- Agriculture and Fisheries<br>- Ecosystems |
| Description | NOAA OceanWatch - Central Pacific acquires and processes satellite information and creates a variety of satellite data products for the Pacific Ocean region. In this manner we seek to serve as an updated source of daily regional satellite oceanographic observations. Links are provided to access oceanographic satellite remote sensing database holdings, as well as some of the near-real time satellite-based products available for the Pacific region. Access is also provided to a Live Access Server, THREDDS server, and data catalog. As part of its operational responsibilities, OceanWatch - Central Pacific operates a direct readout station for the acquisition of realtime sea-surface temperature data from the Advanced Very High Resolution Radiometer (POES AVHRR). |
| Url | http://oceanwatch.pifsc.noaa.gov/ |
| Lead Agencies | NOAA/NESDIS, NOAA/PIFSC |
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