PACIFIC CLIMATE INFORMATION SYSTEM

Data and Products Thu Mar 28 19:05:30 HST 2024

| Name | WAVEWATCH III |
|---|---|
| Capability Area | - Understanding Climate Impacts and Informing Adaptation |
| Focus Area | - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience |
| Regions | - Central North Pacific<br>- Western North Pacific<br>- South Pacific<br>- Pacific Basin<br>- Global |
| Data/Physical | - Data - Physical<br>- Model Results<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) |
| Sectors | - Public Health and Safety<br>- Transportation/Communication and Commerce<br>- Recreation and Tourism |
| Description | The operational ocean wave predictions of NOAA/NWS/NCEP use the wave model WAVEWATCH III using operational NCEP products as input. The model is run four times a day: 00Z, 06Z, 12Z, and 18Z. Each run starts with 9-, 6- and 3-hour hindcasts and produces forecasts of every 3 hours from the initial time out to 180 hours. The wave model suite consists of global and regional nested grids. |
| Url | http://polar.ncep.noaa.gov/waves/ |
| Lead Agencies | NOAA/NWS/NCEP |
| Contacts | NCEP/EMC, NCEP.EMC.waves@noaa.gov |