



NOAA's National Weather Service (NWS) In Your Neighborhood Facilities

National Support and Specialized Centers

Alaska Aviation Weather Unit (AAWU) – Anchorage, AK

AAWU provides en-route aviation weather forecasts and warnings for all of Alaska. The Unit also includes the Volcanic Ash Advisory Center for the North Pacific, which provides worldwide warnings and advisories to aviation interests regarding volcanic ash hazards.

Central Pacific Hurricane Center (CPHC) – Honolulu, HI

CPHC issues tropical cyclone warnings, watches, advisories, discussions, and statements for all tropical cyclones in the Central Pacific.

Hydrologic Information Center (HIC) – Silver Spring, MD

HIC provides real-time updates of current hydrologic conditions, flood watches & warnings, river forecasts, droughts, and related information.

NOAA's Office of Legislative Affairs
 Tel: 202-482-4981 <http://www.legislative.noaa.gov>

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Hydrologic Research Laboratory (HRL) – Silver Spring, MD

HRL conducts studies, investigations and analyses leading to the application of new scientific and computer technologies for hydrologic forecasting and related water resources problems.

National Centers for Environmental Prediction (NCEP) – Camp Springs, MD

NCEP gives overarching management to nine centers, which include the:

- **Aviation Weather Center (AWC) – Kansas City, MO:** The AWC provides aviation warnings and forecasts of hazardous flight conditions at all levels within domestic and international air space.
- **Climate Prediction Center (CPC) – Camp Springs, MD:** The CPC monitors and forecasts short-term climate fluctuations and provides information on the effects climate patterns can have on the nation.
- **Environmental Modeling Center (EMC) - Camp Springs, MD:** The EMC develops and improves numerical weather, climate, hydrological and ocean prediction through a broad program in partnership with the research community.
- **Hydrometeorological Prediction Center (HPC) – Camp Springs, MD:** The HPC provides nationwide analysis and forecast guidance products out through seven days.
- **NCEP Central Operations (NCO) – Camp Springs, MD:** The NCO sustains and executes the operational suite of numerical analyses and forecast models and prepares NCEP products for dissemination.
- **Ocean Prediction Center (OPC) – Camp Springs, MD:** The OPC issues weather warnings and forecasts out to five days for the Atlantic and Pacific Oceans north of 30 degrees north.
- **Space Weather Prediction Center (SWPC) – Boulder, CO:** The SWPC provides space weather alerts and warnings for disturbances that can affect people and equipment working in space and on earth.
- **Storm Prediction Center (SPC) – Norman, OK:** The SPC provides tornado and severe weather watches for the contiguous United States along with a suite of hazardous weather forecasts.
- **Tropical Prediction Center (TPC) includes the National Hurricane Center (NHC) – Miami, FL:** The TPC provides forecasts of the movement and strength of tropical weather systems and issues watches and warnings for the United States and surrounding areas.

National Climatic Data Center (NCDC) – Asheville, NC

NCDC is the world's largest active archive of weather data. NCDC produces numerous climate publications and responds to data requests from all over the world.

National Data Buoy Center (NDBC) – Stennis Space Center, MS

NDBC designs, develops, operates, and maintains a network of data collecting buoys and coastal stations that provide comprehensive, reliable systems and marine observations to support the missions of the National Weather Service and NOAA, promote public safety, and satisfy the future needs of our customers.

National Operational Hydrologic Center (NOHRSC) – Chanhassen, MN

NOHRSC provides comprehensive snow observations, analyses, data sets and map products for the nation.

National Severe Storms Laboratory (NSSL) – Norman, OK

NSSL's basic and applied research focuses on understanding severe weather processes, developing weather observation technology, and improving forecast tools, with emphasis on weather radar, hydrometeorology, and forecast and warning improvements.

NOAA/NWS Training Center (W/TC) – Kansas City, MO

W/TC provides training to NOAA/NWS employees in the areas of management, meteorology, hydrology, equipment maintenance, systems support, and related activities.

Pacific Tsunami Warning Center (PTWC) – Ewa Beach, HI

PTWC provides warnings for Pacific basin teletsunamis (tsunamis that can cause damage far away from their source) to almost every country around the Pacific rim and to most of the Pacific island states.

Spaceflight Meteorology Group (SMG) – Johnson Space Center, Houston, TX

SMG provides unique world-class weather support to the U.S. Human Spaceflight effort.

West Coast/Alaska Tsunami Warning Center (WC/ATWC) – Palmer, AK

WC/ATWC is the primary warning center for the western and eastern coasts of the United States mainland and Canada.

Complete details on these centers, as well as a listing of all 122 National Weather Service Forecast Offices, 13 River Forecast Offices, and other facilities can be found at: <http://www.nws.noaa.gov/organization.php>