

## NOAA In Your State

### Idaho

*“NOAA’s work touches the daily lives of every person in the United States and in much of the world. Our products and services are the result of the hard work of NOAA’s dedicated staff and partner organizations located in program and research offices throughout the country. The following is a summary of NOAA programs based in, and focused on, your state. The entries are listed by statewide, region, and then by congressional districts and cities or towns.”*

- Dr. Jane Lubchenco  
Under Secretary of Commerce for Oceans and Atmosphere  
and NOAA Administrator



#### **ID**

#### **Boise, Pocatello**

#### **Office of Oceanic and Atmospheric Research (OAR)**

#### **Earth System Research Laboratory/Global Systems Division**

#### **Ground-Based GPS Meteorology**

The Earth System Research Laboratory maintains the Ground-Based GPS Meteorology project, currently consisting of 400 GPS water vapor observing systems that provide near real-time integrated precipitable water vapor (IPW) measurements for weather forecasting, climate modeling, calibration and validation of satellite and radiosonde water vapor measurements, and research. This project provides water vapor data available to all users.

<http://www.gpsmet.noaa.gov/jsp/raob.jsp>

#### **Statewide**

#### **National Weather Service (NWS) and Office of Oceanic and Atmospheric Research (OAR)**

#### **Incident Meteorologist Program and Earth Systems Research Laboratory**

#### **Fire Weather Services and Support**

The National Weather Service (NWS) fire weather forecasters are called Incident Meteorologists (IMETS). When a fire reaches a large enough size the IMETS are called out to the fire to provide constant weather updates and forecast briefings to the fire incident commanders at the fire. The IMETS are very important members of the fire fighting team, as changes in the fires are largely due to changes in the weather. To improve NWS fire weather services to the public, NOAA’s Earth System Research Laboratory (ESRL) conducts modeling, instrumentation and data services research.

ESRL data dissemination and display systems are designed to be used by trained meteorologists, the US Forest Service, and the Bureau of Land Management. For example, the FX-Net thin client system and the Gridded FX-Net full function system are ESRL-developed software systems that are a critical part of the equipment the IMETS bring with them to the fire. NWS forecasters at fires in all 50 states use these mobile PC-based client software packages. Computer servers that communicate with the mobile PC clients are located in Hawaii, Alaska, Utah, Colorado, Texas and New York. State emergency managers in many of the NWS regional areas also use the PC-base clients. Other collaborators who work to improve NWS fire weather services include the University of Colorado in Boulder (CU), NCAR and private sector instrumentation companies.

## **ID-1**

### **Boise**

#### **National Marine Fisheries Service (NMFS)**

##### **Northwest Region**

##### **Boise Field Office**

This office houses staff members of the NMFS Northwest Regional Office who perform *Endangered Species Act* consultations on land and water management activities and hatcheries, and undertake recovery planning for listed salmon species in the state.

<http://www.nwr.noaa.gov/>

#### **National Marine Fisheries Service (NMFS)**

##### **Office of Law Enforcement**

##### **Field Office**

NOAA's Office of Law Enforcement is dedicated primarily to the enforcement of laws that protect and regulate our nation's living marine resources and their natural habitat. Special agents and enforcement officers have specified authority to enforce over 37 statutes, as well as numerous treaties related to the conservation and protection of marine resources and other matters of concern to NOAA. Numerous issues dealing with the resource-rich waters of Washington, Oregon and Idaho remain a time-consuming endeavor for the Northwest Division. With the "over fished" designations for nine species of groundfish on the west coast, the Division has been fully engaged in the development of Rockfish Conservation Areas and implementation of a Vessel Monitoring System for as many as 500 limited entry fishing vessels. Special agents in the Division focus on two Fishery Management Plans in the Northwest, which manage over 146 species of fish and 15 species of marine mammals found within the three states. Focusing on endangered salmon recovery, minimizing marine mammal harassments and implementing Vessel Monitoring System on the west coast ground fishery have been high priorities. The agents, officers and support personnel in this division are charged with the enforcement of marine resource laws covering over 89,241 square miles of ocean, 142,202 miles of inland waters and critical habitat and the Olympic Coast National Marine Sanctuary.

[http://www.nmfs.noaa.gov/ole/nw\\_northwest.html](http://www.nmfs.noaa.gov/ole/nw_northwest.html)

### **Grangeville**

#### **National Marine Fisheries Service (NMFS)**

##### **Northwest Region**

##### **Grangeville Field Office**

This office houses staff members of the NMFS Northwest Regional Office who perform *Endangered Species Act* consultations on land and water management activities and hatcheries, and undertake recovery planning for listed salmon species in the state.

<http://www.nwr.noaa.gov/>

## **ID-2**

### **Arco**

#### **National Environmental Satellite, Data, and Information Service (NESDIS) and Office of Oceanic and Atmospheric Research (OAR)**

##### **Climate Reference Network**

##### **Arco Station**

The U.S. Climate Reference Network (USCRN) is an operational network of climate stations. Data from the USCRN will be used in operational climate monitoring activities and for placing current climate anomalies into an historical perspective. NOAA's National Climatic Data Center (NCDC) manages the USCRN. The USCRN will also provide the United States with a reference network that contributes to an International network under the auspices of the Global Climate Observing System (GCOS). NOAA's National Environmental Satellite, Data, and Information Service and NOAA's Office of Oceanic and Atmospheric Research jointly manage USCRN.

<http://www.ncdc.noaa.gov/oa/climate/uscrn/>

### **Boise**

#### **National Ocean Service (NOS)**

##### **National Geodetic Survey**

##### **Geodetic Advisor**

The Geodetic Advisor is a jointly funded National Ocean Service (NOS) employee that resides in the state to provide liaison between NOS and the host state. The Geodetic Advisor guides and assists the state's charting, geodetic and surveying programs through technical expertise. This program also provides technical assistance in planning and implementing Geographic/Land Information System: (GIS/LIS) projects.

<http://www.ngs.noaa.gov/ADVISORS/AdvisorsIndex.shtml>

**National Weather Service (NWS)  
Weather Forecast Office  
Boise WFO**

Located at the National Interagency Fire Center in Boise, this National Weather Service Weather Forecast Office provides weather and flood warnings, daily forecasts and meteorologic and hydrologic data for southeast Oregon and southwest Idaho.

<http://www.wrh.noaa.gov/Boise>

**Idaho Falls**

**Office of Oceanic and Atmospheric Research (OAR)  
Air Resources Laboratory  
Field Research Division**

The Field Research Division (FRD) of ARL is located in Idaho Falls, ID. FRD conducts experiments to better understand atmospheric transport and dispersion, improves both the theory and models of air-surface exchange processes, and develops new technologies and instrumentation to carry out its mission. In a cooperative agreement with the Department of Energy, the Division supports the Idaho National Laboratory with meteorological forecasts and emergency response capabilities.

<http://www.noaa.inel.gov/>

**Murphy**

**National Environmental Satellite, Data, and Information Service (NESDIS) and Office of Oceanic and Atmospheric Research (OAR)**

**Climate Reference Network**

**Murphy Station**

The U.S. Climate Reference Network (USCRN) is an operational network of climate stations. Data from the USCRN will be used in operational climate monitoring activities and for placing current climate anomalies into an historical perspective. NOAA's National Climatic Data Center (NCDC) manages the USCRN. The USCRN will also provide the United States with a reference network that contributes to an International network under the auspices of the Global Climate Observing System (GCOS). NOAA's National Environmental Satellite, Data, and Information Service and NOAA's Office of Oceanic and Atmospheric Research jointly manage USCRN.

<http://www.ncdc.noaa.gov/oa/climate/uscrn/>

**Pocatello**

**National Weather Service (NWS)  
Weather Forecast Office  
Pocatello WFO**

Located at Pocatello Municipal Airport, this National Weather Service Weather Forecast Office provides weather and flood warnings, daily forecasts and meteorologic and hydrologic data for most of eastern Idaho.

<http://www.wrh.noaa.gov/Pocatello>

**Salmon**

**National Marine Fisheries Service (NMFS)  
Northwest Region  
Salmon Field Office**

This office houses staff members of the NMFS Northwest Regional Office who perform *Endangered Species Act* consultations on land and water management activities and hatcheries, and undertake recovery planning for listed salmon species in the state.

<http://www.nwr.noaa.gov/>