

Maryland Federal Facilities Profile

NOAA Center for Weather and Climate Prediction (NCWCP)



5830 University Research Ct.
College Park, Maryland 20740
301-683-1314
Prince George's County
www.ncep.noaa.gov

Director: Dr. William Lapenta, Director NCEP

Department: Department of Commerce (DOC)

Parent Agency: National Oceanic and Atmospheric Administration (NOAA)

Maryland Employees: 825

History & Mission: The NOAA Center for Weather and Climate Prediction in College Park, Md., houses dedicated scientists who provide the United States with expert weather, water, and climate forecasts that touch everyone's lives. Opened in August 2012, the center provides a seamless suite of environmental analysis, diagnostics and forecasts from the surface of the sun to the depths of the ocean floor. This integrated facility advances NOAA's effort to build a Weather-Ready Nation through improved precision forecasts, effective communications and strong partnerships.

The National Weather Service, through NCEP, provides timely, accurate and continually improving worldwide forecast guidance products. NCEP delivers national and global weather, water, climate, and space weather guidance, forecasts, warnings, and analyses to a broad range of users and partners. NCEP's products and services respond to user needs to protect life and property, enhance the nation's economy, and support the nation's growing need for environmental information. The NCEP Centers that reside in NCWCP are the:

- Weather Prediction Center (WPC)
- Climate Prediction Center (CPC)
- Ocean Prediction Center (OPC)
- Environmental Modeling Center (EMC)
- NCEP Central Operations (NCO)

The Office of Oceanic and Atmospheric Research (OAR) provides the research foundation for understanding the complex systems that support our planet. OAR's Air Resources Laboratory, which conducts research and development in the fields of air quality, atmospheric dispersion, climate, and boundary layer science, is located at the center.

Federal Facilities Profile

NOAA Center for Weather and Climate Prediction (NCWCP)

Maryland Tenants

National Centers for Environmental Prediction (NCEP) (Prince George's County)

Office of Oceanic and Atmospheric Research (OAR) (Prince George's County)

Resources

[Acquisition Forecast](#)

[NOAA Acquisition Process Guide](#)

[Small Business](#)

[NOAA Acquisition and Grants Office](#)

[NOAA Technology Partnership Office](#)

[Technology Transfer Program](#)

[Small Business Research Program](#)

Office of the Director

5830 University Research Court
College Park, Maryland 20740

Dr. William Lapenta, Director
301-683-1315
Bill.lapenta@noaa.gov

Federal Facilities Profile

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Climate Prediction Center

Climate Prediction Center monitors and forecasts short-term climate fluctuations and provides information on the effects climate patterns can have on the nation.

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Environmental Modeling Center

Environmental Modeling Center develops and improves numerical weather, climate, hydrological and ocean prediction through a broad program in partnership with the research community.

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Weather Prediction Center

Weather Prediction Center provides nationwide analysis and forecast guidance products out through seven days.

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Ocean Prediction Center

Ocean Prediction Center issues weather warnings and forecasts out to five days for the Atlantic and Pacific Oceans north of 30 degrees North.

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Federal Facilities Profile

NOAA Center for Weather and Climate Prediction (NCWCP)

NCEP Central Operations (NCO)

NCO's mission includes executing the NCEP operational model suite, managing improvements to the NCEP model suite, developing meteorological software, and managing the flow of data and products.

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NESDIS Center for Satellite Applications and Research (STAR)

STAR's mission is to accelerate the transfer of satellite observations of land, atmosphere, ocean, and climate from scientific research and development into routine operations, enabling NOAA to offer state-of-the-art data, products, and services to decision-makers.

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NESDIS Office of Satellite and Product Operations

It is responsible for maintaining the comprehensive scheduling and data information for both Geostationary and Polar orbiting satellites along with providing products derived from the data collected by these satellites.

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