



National Ice Center

Naval Ice Center

The National Ice Center is a multi-agency operational center operated by the United States Navy (Naval Ice Center or NAVICE), the National Oceanic and Atmospheric Administration (NOAA), and the United States Coast Guard. Located in Suitland, MD., NAVICE is a subordinate command of the Naval Oceanographic Office.

Vision

Center of excellence for global sea ice and other Cryospheric Geospatial Information Services supporting all U.S. Government Agencies.

Mission

Provide the highest quality, timely, accurate, and relevant snow and ice products and services to meet the strategic, operations, and tactical requirements of the United States interests across the global area of responsibility.

Support

Expert operational sea ice analyses and forecasting for the Arctic, Antarctic, Great Lakes, Yellow Sea and Sea of Japan

Tactical support to ships and submarines with tailored ice products for mission planning and safety of navigation to enable mission success

Daily global ice edge and biweekly hemispheric analyses

Over 130 products produced weekly

Identifies, maintains and catalogs Southern Hemisphere icebergs

Researches, develops, and transitions emerging science and technology for operational use

Develops and maintains expertise in the assimilation and integration of Geographic Information Systems, remotely sensed imagery, in situ observations and other data sources

Maintains 30+ year climatology records of sea ice analyses for both the Arctic and Antarctic regions – used in mission planning and global climate research

Provides METOC forecasts and information to Navy leadership for decision superiority and mission planning

Customers

U.S. Armed Forces (DOD) and allied nations

U.S. Department of Commerce (DOC) and the civil sector

U.S. Coast Guard under the Department of Homeland Security (DHS)

Various other U. S. Government and international agencies

Our Leadership

CDR John W. Simms, USN, serves as the NAVICE commanding officer and as director of the National Ice Center. For more information, please contact NAVICE Public Affairs 301-817-3977.

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naval meteorology and oceanography

