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Poster Presentation**

Presentation Title:

NOAA Digital Collections: Archiving, Online Access, and Metadata Exchange

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Abstract:

This poster gives an overview and highlights some of the unique digital collections, projects, and metadata exchange efforts that the NOAA Central Library has created.

- From 2001 to 2011, under the NOAA Climate Database Modernization Program, the NOAA Central Library digitized over 250,000 documents using PDF and TIFF formats, and over 800 analog media (films and tapes) into DVD, MOV, MP4, and AVI formats.
- Over the past 20 years the Library, through its very popular NOAA Photo Library, has made available over 75,000 historical and current NOAA photographs, either born-digital or converted to JPEG files.
- More recently, the Library has created NOAA digital collections, such as the Video Data Management System (VDMS) and the [NOAA Deepwater Horizon Institutional Repository](#). These collections reflect long-term collaboration between Library staff and scientists from different NOAA offices. These collaborations give library catalogers a great opportunity to convert metadata records from and into different metadata schemas, including MARC, FGDC, MODS, and MARCXML.

These unique, historical print documents--carefully selected, cataloged, then imaged—and current born-digital documents have been organized into over twenty NOAA digital collections and virtual libraries widely accessible via the NOAA Library home page at:

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

Some interesting examples include:

[U.S. Daily Weather Maps \(1871-2002\)](#); [Polar Research](#); [TIROS and Satellite Meteorology](#); [U.S. Coast and Geodetic Survey Special Publications \(1898-1969\)](#); [U.S. Fish Commission Annual Reports \(1871-1979\)](#); [Marine Protected Areas Virtual Library](#); [NOAA Restoration Portal](#); and [Pacific Islands Climate Change Virtual Library](#).

According to the latest statistics, these collections received over 29 million visits in FY2013.

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