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

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NOAA Central Library

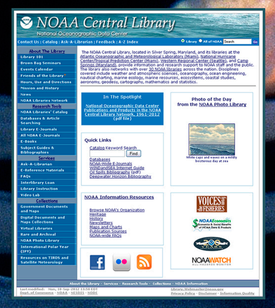
OLAC 2012 Conference Albuquerque, New Mexico - Poster Session

NOAA Digital Collections:

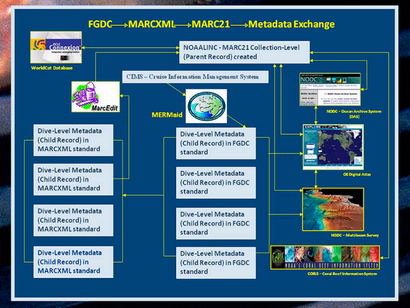
Deepwater Horizon Institutional Repository
Historical Resources (1485-1900s)
NOAA Photo Library
Videos and Films
Virtual Libraries
Weather Maps & Charts
Foreign Climate Observations
Polar Research (IPY Repository)
TIROS & Satellite Meteorology
NOAA Heritage (C&GS, WB, US Fishery)

Over 250,000 historical documents scanned to PDF and TIFF
Over 25,000 video and films digitized to AVI, MOV, and DVD
Over 100,000 images scanned in low and high resolution JPEG

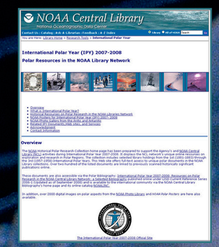
In FY2012 NOAA Central Library registered over 29 million visits online to the above collections

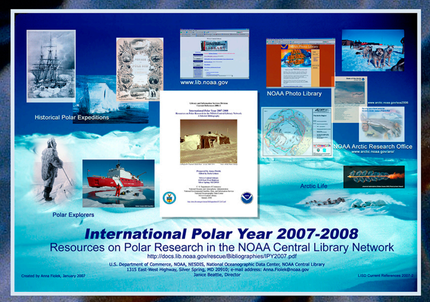


NOAA Central Library home Page
www.lib.noaa.gov



Metadata conversion and exchange in the NOAA Central Library.





Polar Research Collection (Repository of the IPY reports)

NOAA Deepwater Horizon Institutional Repository
http://noaa.ntis.gov

NOAA Satellite Meteorology Collection

Abstract:

From 2001 to early 2011, under the NOAA Climate Database Modernization Program (CDMP), the NOAA Central Library digitized over 250,000 print document into PDF (for access) and TIFF (for archival preservation) formats, and over 800 analog media (16 mm and 8 mm films, VHS and Betacam SP tapes) into DVD (for circulation), MOV, MP4 (for Web access), and AVI (for archival preservation)formats. In addition, over 75,000 NOAA historical and current photographs, either born digital or converted to high and regular resolution JPEG files, have been turned into the most popular NOAA Photo Library.

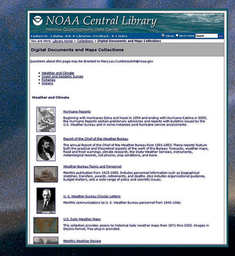
The NOAA digital document, video, and image collections, such as the Video Data Management System (VDMS), and NOAA Deepwater Horizon Institutional Repository are results of long-term collaboration between the Library staff and scientists from different NOAA line offices, such as Office of Oceanic and Atmospheric Research (OAR), National Ocean Service (NOS), and National Environmental Satellite, Data, and Information Service (NESDIS). These collaborations gave the library AV catalogers great opportunity to exchange and convert MARC metadata records from and into different metadata standard schemas, including FGDC, MODS, and MARCXML.

The unique, historical print documents, carefully selected, cataloged, then imaged, have been organized online into over twenty NOAA digital collections and virtual libraries and are widely accessible via the NOAA Library home page at: http://www.lib.noaa.gov/.

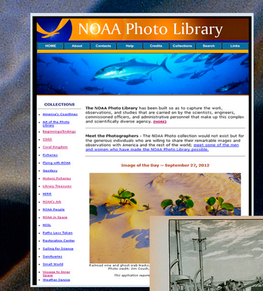
Some interesting examples include:
U.S. Daily Weather Maps (1871-2002); Polar Research; TIROS and Satellite Meteorology; U.S. Coast and Geodetic Survey Special Publications (1898-1969); U.S. Fish Commission Annual Reports (1871-1979); Marine Protected Areas Virtual Library; NOAA Restoration Portal; and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

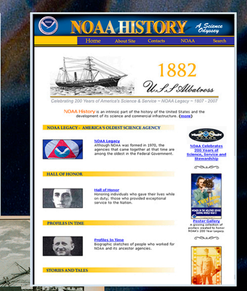
According to the latest statistics, the NOAA Library's digital collections have received over 29 million visits per year.

This Poster gives an overview and highlights some of the unique digital collections, projects, and metadata exchange efforts conducted by NOAA Central Library.
For more information contact: Anna.Fiolek@noaa.gov, tel. 301-713-2607, ext. 147

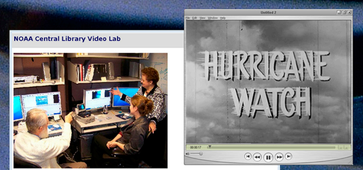


NOAA Historical Resources
(1485-1900s)

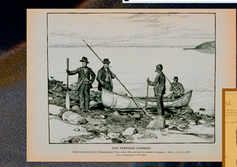




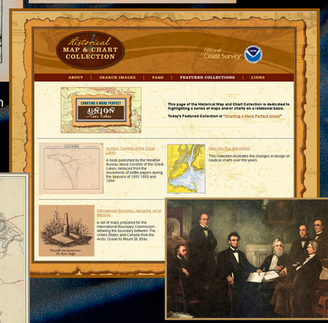
NOAA Virtual Libraries



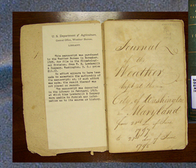
NOAA Digital Videos and Films Collection



NOAA Photo Library - Digital Image Collection

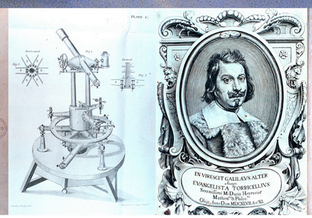


Digital Maps & Charts Collection



Rare Books Collection

LISD Current References 2012-04



Silver Spring, Maryland, October 2012

2012 OLAC Conference,
Albuquerque, New Mexico, Oct. 18-21, 2012
Poster Presentation

Presentation Title:
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Poster's Author & Presenter:
Anna Fiolek, Metadata Librarian NOAA Central Library

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