



YouTube Movies from 2010 to 2014 by PMEL Research Theme

PMEL started a YouTube Channel in June 2010 as a quick and effective way to tell research stories and highlight some of the technological innovations coming out of the lab. To date we have over 1,900 subscribers with over 2.2 million views.

www.youtube.com/noaapmel

(View counts beside each video are as of August 20, 2014)

CLIMATE

- Carbon Wave Glider Deployment – 124 views
- Arctic Report Card 2013 – 7,101 views
- Studying the Arctic with the NOAA WP-3D Orion “hurricane hunter” Research Aircraft – 3,426 views
- North Pole Web Cam 2013 – 19,685 views
- Rapid Heating of the Mackenzie River Plume in 2008 – 510 views
- Arctic Report Card 2012 – 38,333 views
- North Pole Web Cam 2012 – 25,861 views
- Ship Logs Document Climate of the Past: Arctic Rediscovery – 2,787 views
- Sounds of the Arctic Sea Ice Pack – 4,461 views
- Flexible, Low Cost Ocean Observations with the PICO Buoy – 1,951 views
- Tracking an Ocean of Carbon – 8,690 views
- Arctic Report Card 2011 – 24,914 views
- Wave Gliders for Ocean Research – 28,689 views
- Approaching the North Pole on an Icebreaker: West Arctic Ocean in Aug-Sep 2011 – 5,593 views
- North Pole Web Cam 2011 – 56,298 views
- Remotely Operated Aircraft Measure Arctic Soot – 3,757 views
- Why North Pole Web Cams? First Deployment in 2002 – 2,630 views
- ARC Ocean Buoy – 4,545 views
- North Pole Web Cam 2010 – 6,971 views
- Arctic Report Card 2010 – 37,157 views
- Voyage to the North Pole on an Icebreaker (Summer 2007) – 5,009 views
- TAO El Nino Observing System – 18,205 views

North Pole Web Cam 2008 – 2,169 views
North Pole Web Cam 2009 – 4,268 views
PICO Moored Ocean Buoy – 20,412 views

MARINE ECOSYSTEMS

The Effects of Ocean Acidification on Pteropod Shells – 2,339 views
Discovery of the West Mata Volcano – 6,666 views
Underwater Microphone Captures Honshu, Japan Earthquake – 650,588 views
High-Precision Instruments Monitor Ocean from the Seafloor – 3,922 views
Excerpt from a Sea Change – 1,595 views
Ocean Sounds in the Arctic – 28,116 views

OCEANS & COASTAL PROCESSES

April 19, 2014 Solomon Islands Tsunami Propagation – 425 views
April 12, 2014 Solomon Islands Tsunami Propagation – 170 views
April 18, 2014 Guerrero, Mexico Tsunami Propagation – 170 views
April 13, 2014 Solomon Islands Tsunami Propagation – 339 views
April 1, 2014 Iquique, Chile Tsunami Propagation – 6,058 views
The Great Alaska Tsunami, March 28, 1964 – 1,066 views
Alaska Tsunami, March 28, 1964 – 864 views
October 25, 2013 Honshu, Japan Tsunami Propagation – 1,662 views
Some Coastlines are “Tsunami Magnets” – 5,100 views
February 6, 2013 Solomon Islands Tsunami Propagation – 3,330 views
December 7, 2012 Honshu, Japan Tsunami Propagation – 4,756 views
October 27, 2012 Queen Charlotte Island, Canada Tsunami Propagation – 4,266 views
April 11, 2012 Sumatra Tsunami Propagation – 8,346 views
DART Easy to Deploy Tsunami Buoy – 16,254 views
Animation of a Tsunami Generated by an Earthquake – 11,524 views
July 6, 2011 Kermadec Tsunami Propagation – 5,692 views
March 11, 2011 Honshu, Japan Tsunami Global Propagation – 15,041 views
Historical Tsunami in Okushiri, Japan on July 12, 1993 – 21,711 views
Narrated Animation of March 11, 2011 Honshu, Japan Tsunami Propagation – 103,815 views
March 11, 2011 Honshu, Japan Tsunami Propagation – 830,046 views
Chile Tsunami – Feb 27, 2010 – 78,701 views
DART Tsunami Detection Buoy – 28,571 views

RESEARCH INNOVATION

NOTE: Since Research Innovation supports all research themes the movies below are also listed above under their respective research themes (Climate, Marine Ecosystems, or Oceans and Coastal Processes)

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