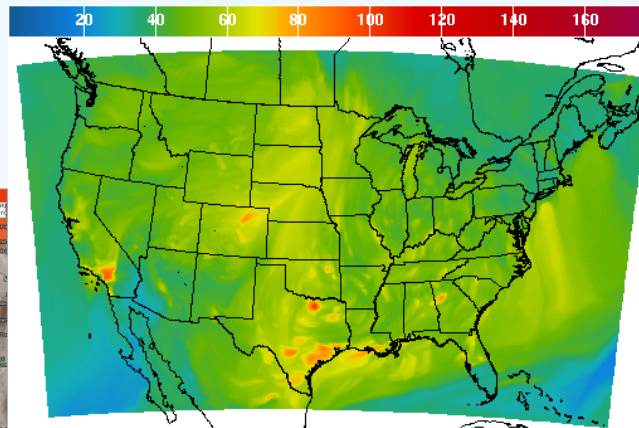
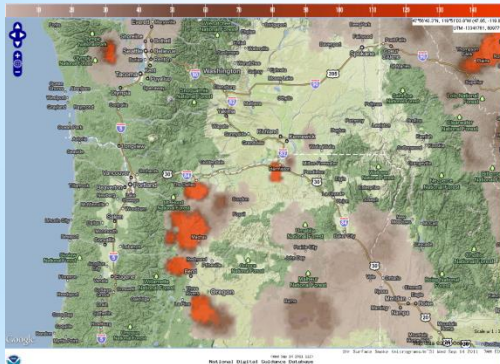


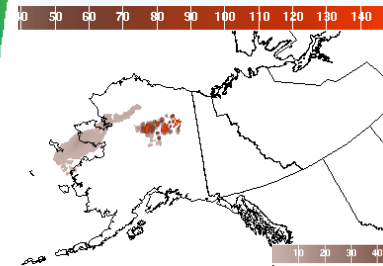
Air Quality Graphical Products

<http://airquality.weather.gov/> | <http://airquality.weather.gov/expr/>



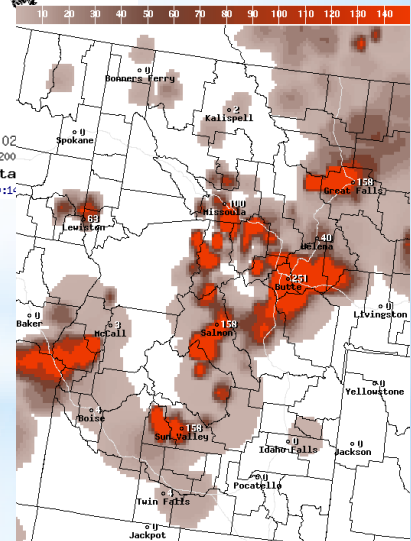
Maximum 1Hr Ozone (PPB) Ending Mon Sep 10 2012 11PM EDT
(Tue Sep 11 2012 03Z)

National Digital Guidance Database
06z model run Graphic created-Sep 10 7:25AM EDT



Smoke (micrograms/m³) Tue Sep 02
(Tue Sep 02 200)

Experimental
National Digital Guidance Data
06z model run Graphic created-Sep 02 10:11



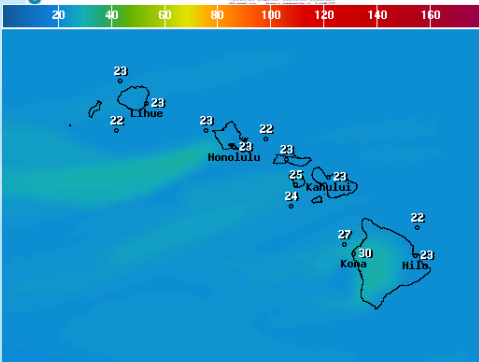
1Hr Surface Smoke (micrograms/m³) Mon Sep 10 2012 9AM EDT
(Mon Sep 10 2012 13Z)

National Digital Guidance Database
06z model run Graphic created-Sep 10 7:18AM EDT

Air Quality Forecaster Focus Group Workshop
September 26, 2013

Marc Saccucci

NWS/OST Meteorological Development Laboratory



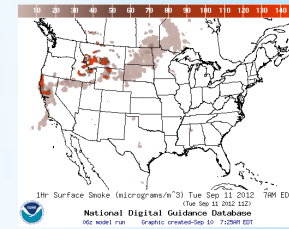
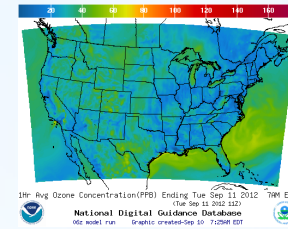
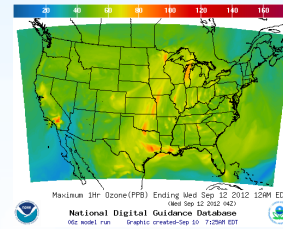
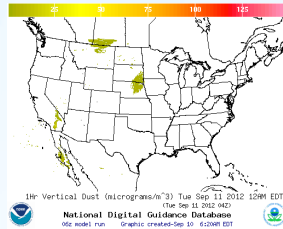
Maximum 1Hr Ozone (PPB) Ending Wed Sep 12 2012 12AM EDT
(Wed Sep 12 2012 04Z)

National Digital Guidance Database
06z model run Graphic created-Sep 10 5:15AM EDT

Air Quality Images on the Web

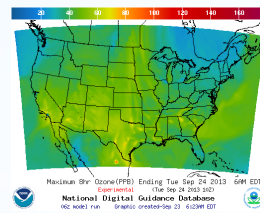
❖ CONUS Operational Products

- 1hr/8hr Average Ozone Concentration
- Maximum 1hr/8hr Ozone Concentration
- 1hr Average Surface Smoke
- 1hr Average Vertical Smoke Integration
- 1hr Surface Dust
- 1hr Vertical Dust



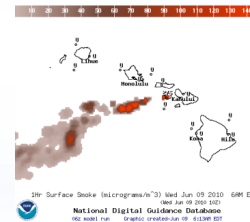
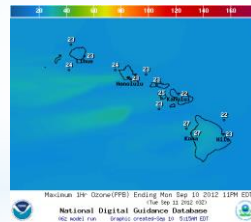
❖ CONUS Experimental Products

- 1hr/8hr Average Ozone Concentration



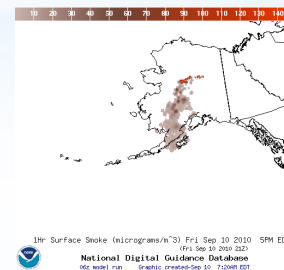
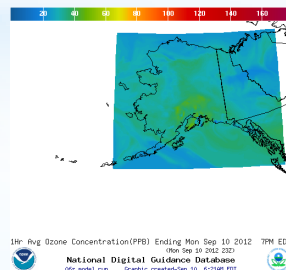
❖ Hawaii Operational Products

- 1hr Average Surface Smoke
- 1hr Average Vertical Smoke Integration
- 1hr/8hr Ozone Concentrations

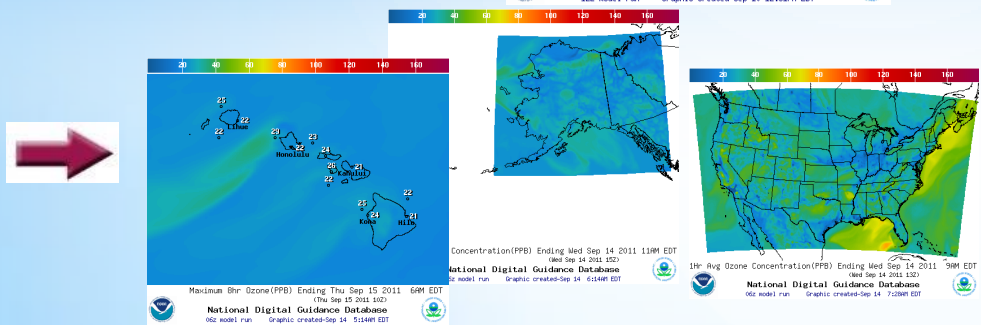
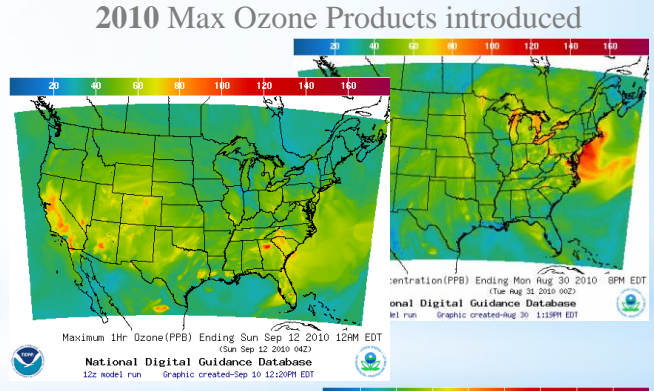
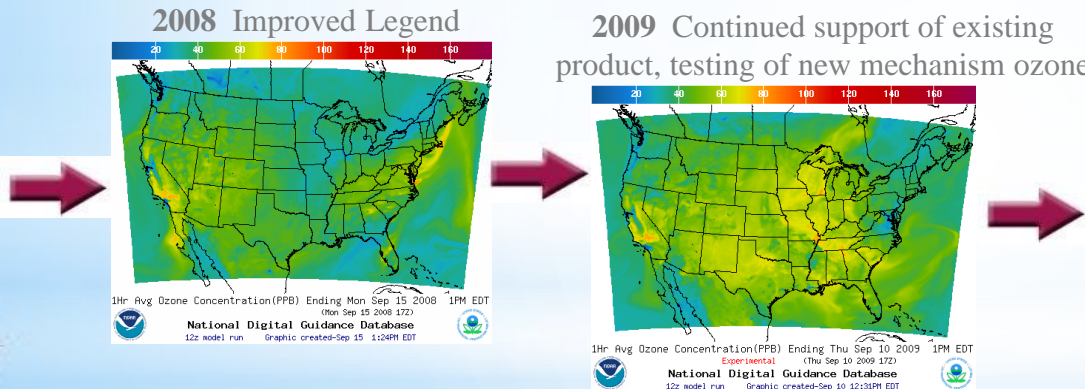
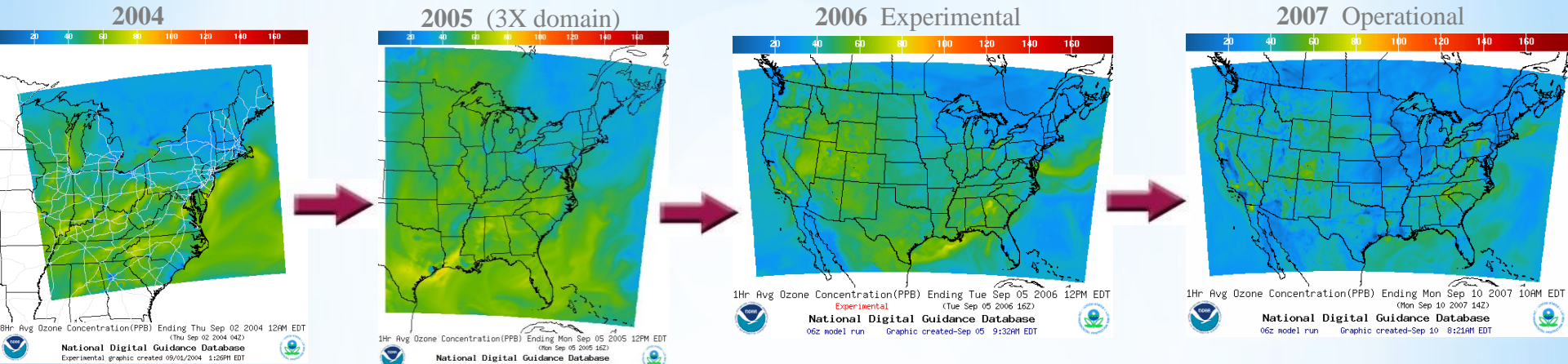


❖ Alaska Operational Products

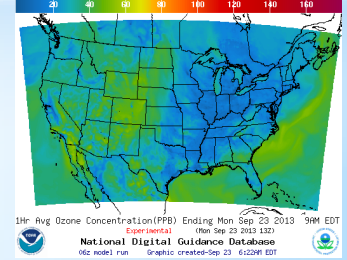
- 1hr Average Surface Smoke
- 1hr Average Vertical Smoke Integration
- 1hr/8hr Ozone Concentrations



Ozone Online Graphics History



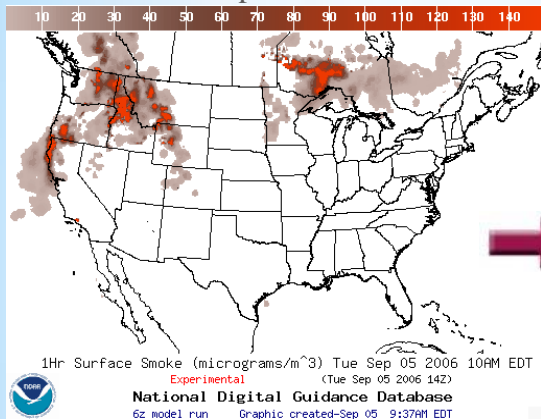
2011/2012 Full set of regional operational Ozone



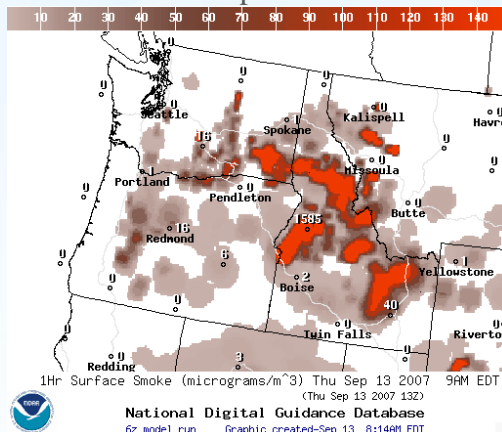
2013 WCOSS Transition, posting of Experimental Ozone

Smoke Online Graphics History

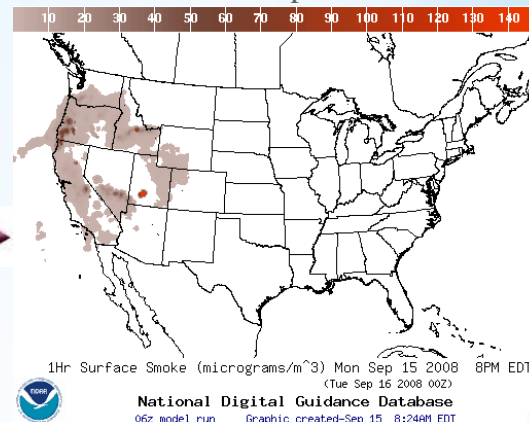
2006 Experimental



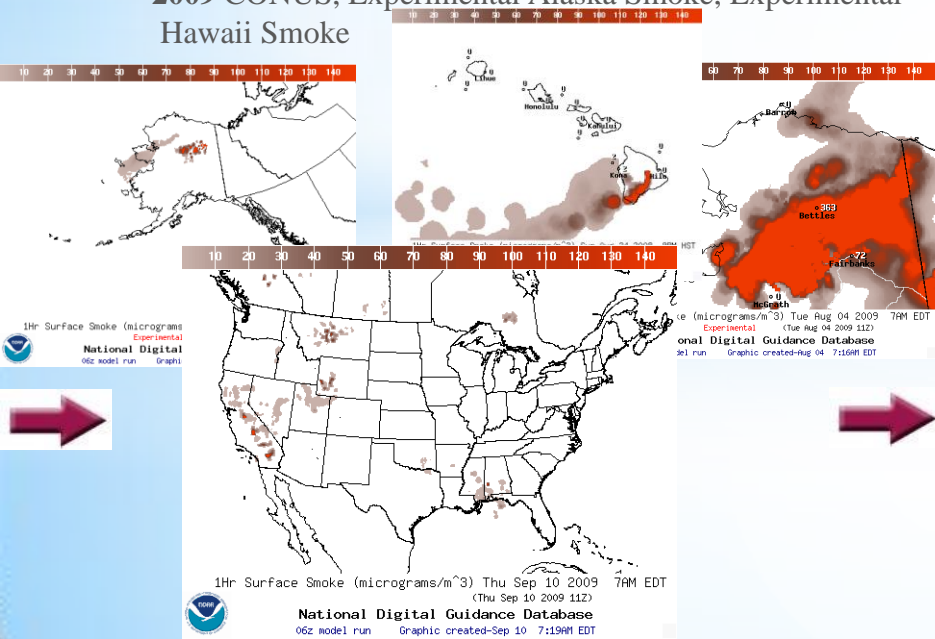
2007 Operational



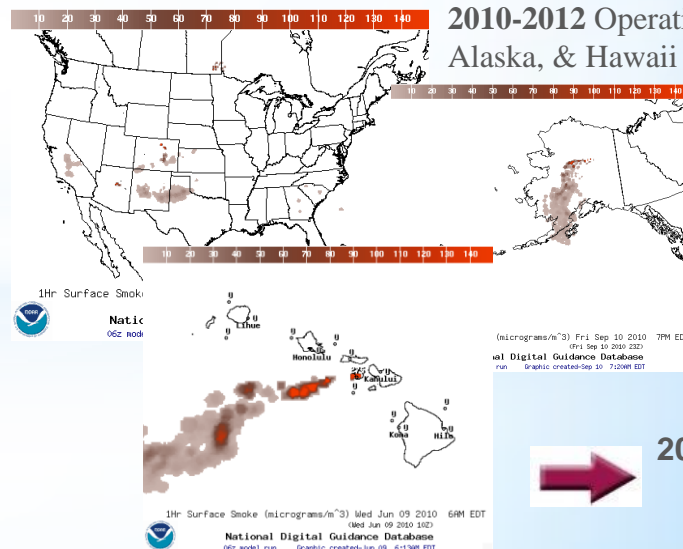
2008 CONUS & Exp. Alaska Smoke



2009 CONUS, Experimental Alaska Smoke, Experimental Hawaii Smoke



2010-2012 Operational CONUS, Alaska, & Hawaii



2013 WCOSS Transition

Next Generation of AQ on the Web

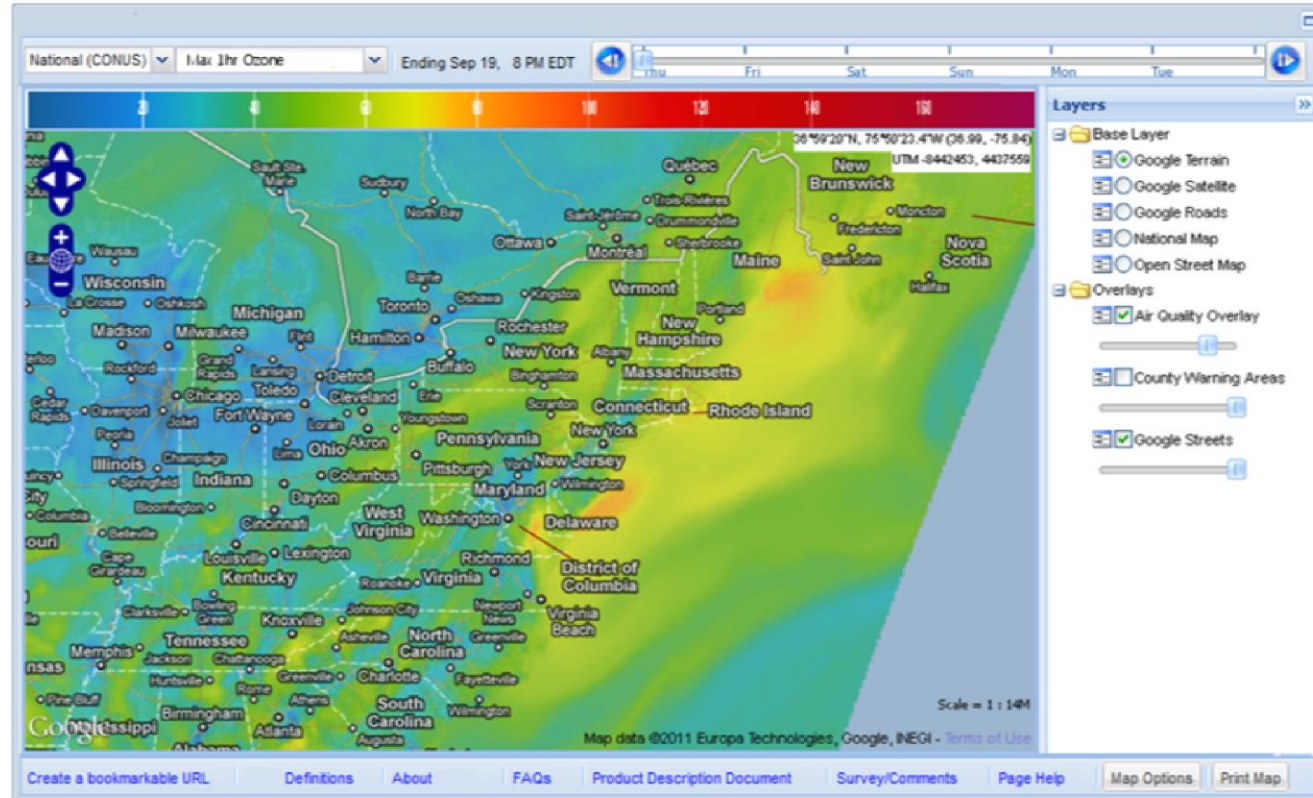
Air Quality

Weather.gov - Air Quality Forecast Guidance

National Weather Service

National Headquarters

Below is a proposed replacement of the National Weather Service Air Quality Forecast Guidance Page. Comments are encouraged by taking our survey.



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Organization
Strategic Plan
For NWS Employees
International
National Centers

Air Quality Guidance:

Data access from weather.gov

❖ Graphical Ozone & Smoke Guidance Displays:

<http://airquality.weather.gov/>

<http://airquality.weather.gov/expr/>

❖ GRIB2 Data Download:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.aq/AR.conus>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.aq/AR.alaska>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.aq/AR.hawaii>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.aq/AR.conus>

❖ Web Questions, Suggestions:

Email Marc.Saccucci@noaa.gov