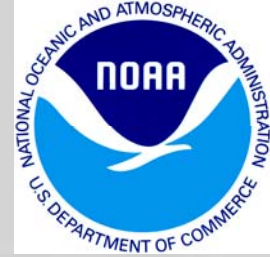


Interagency Modeling and Atmospheric Advisory Center (IMAAC)

Al Mongeon
Oct 21, 2008



OVERVIEW

- What
- Why
- Who
- How
- Issues



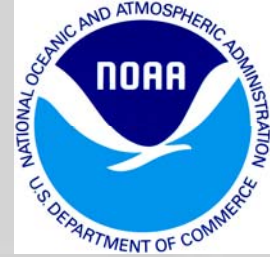
WHAT

- Interagency Modeling and Atmospheric Advisory Center (IMAAC)
 - “Single Federal source of airborne transport and dispersion predictions for hazards **exceeding** or **have the potential to exceed** the capabilities of local, state and tribal agencies.”
- Status
 - Interim
 - Final



WHY

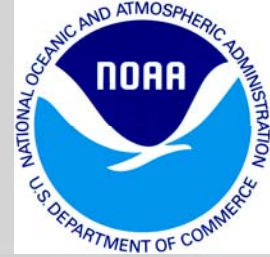
- No coordinated Federal air transport and dispersion (ATD) response
 - >29 individual Federal (ATD) models
 - Great potential for confusion/conflicting information
- TOPOFF2
- DHS Secretary Response



WHO

- Partners

- Department of Homeland Security (DHS)
- Department of Defense (DOD)
- Department of Energy (DOE)
- Environmental Protection Agency (EPA)
- National Oceanic and Atmospheric Administration (NOAA) [Department of Commerce]
- Nuclear Regulatory Commission (NRC)
- Health and Human Services (HHS)
- National Aeronautics and Space Administration (NASA)

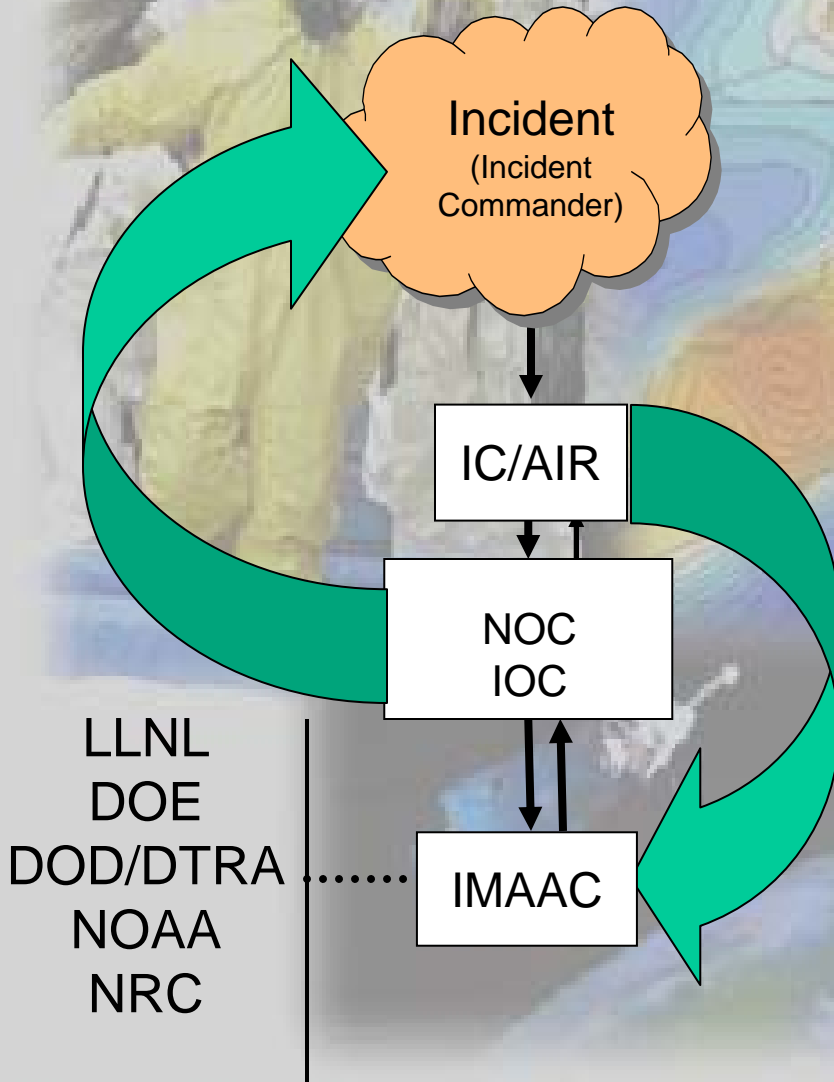


HOW

- Interim – NARAC, LLNL
 - Model
 - ADAPT/LODI
 - Met
 - NWS
 - Models
 - Surface observation database
 - Local Forecast Office
- Final
 - Multiple agencies, appropriate models
 - Met – N/C
- Distribution



HOW

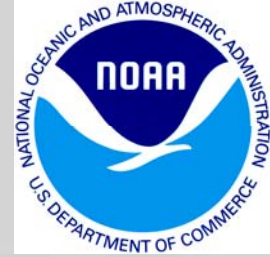


- Terms

- AIR - Authorized IMAAC requestor
- IOC - IMAAC Operations Coordinator
- NOC – DHS National Operations Center

- Procedures

- Alert/Activate
 - Call
 - “CNN-effect”
- Product distribution
 - DHS
 - IOC
 - IC
 - IMAAC Cooperating Agencies
 - Others as Directed (e.g., Local, State, and Tribal EOCs)



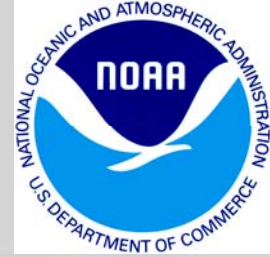
Current Activities

- Technical Working Group
- V & V
- CONOPS
- SOP
- Practice, Practice, Practice



Issues

- Fed vs. State/Local/Tribal
- Trigger
- Lanes
- Product Turn Around
- Distribution



Questions

Detection • Preparedness • Prevention • Protection • Response and Recovery