Introduction to FAA's NextGen Weather Systems

External Web Access

Presented to: Friends and Partners in Aviation Weather (FPAW)

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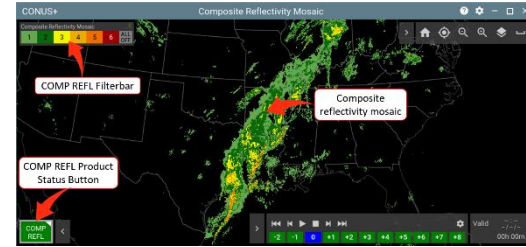
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Purpose

- **Provide high-level overview of the NextGen Weather Processor Aviation Weather Display (AWD) External Web Server (EWS)**
  - **EWS Key features**
  - **Register for an account**
  - **Access Information**
  - **Next Steps**
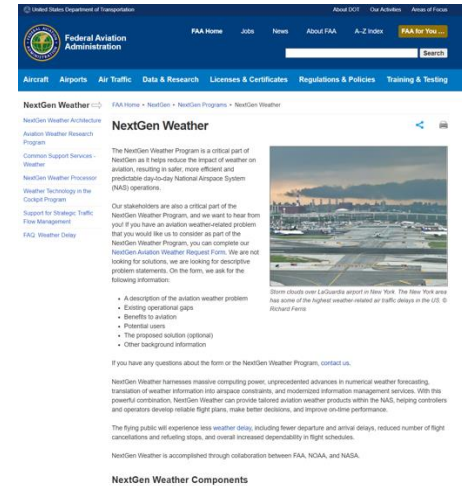
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EWS Key Features

- **NWP AWD EWS will be publicly accessible for approved Internet-based users (e.g., airlines, general aviation)**

- **Architected similarly to the web server providing weather products to the Dedicated AWD for use internal to the NAS, users will experience similar look and feel when accessing the EWS**

- **It is currently designed to be viewed on a workstation/laptop form factor**

Register for an account

- **Coming soon, we will be updating the NextGen Weather faa.gov website (https://www.faa.gov/nextgen/programs/weather/nwp/awd) with information for users to learn more about the EWS and how to register for an account**
  - This will be the landing page that is Internet searchable and communicate to users about the EWS, how to obtain an account and how to obtain support
  - New users will need to complete an account registration form and be granted approval for access
    - Name, Email, Organization, Need statement, etc.
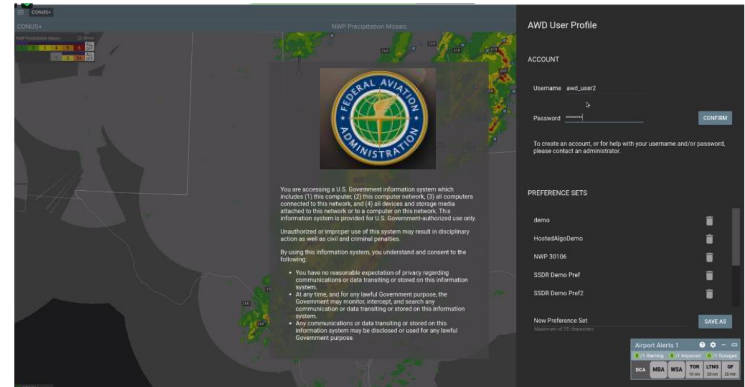
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EWS Access

- **Access to the EWS will follow similar process for users requesting access to CIWS/CoSPA website**
  - For FAA, NAV Canada and Airline users, access request will be given higher priority
    - Although EWS will sunset CIWS/CoSPA, we do not plan to automatically migrate users over to the EWS
  - For users outside of FAA, NAV Canada and Airlines, the request will be prioritized based on needs
    - Users must be able to clearly articulate need to access EWS and need by date
    - This will allow the Program to balance priority of access and EWS compute limitations

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EWS Login Page

- **EWS logon screen is similar to the Dedicated AWD**

- **Note:**
  - 1 browser session per user account (no account reuse across multiple computers); 5 view types per browser session
  - EWS works best with Google Chrome browser

Next Steps

Phase	Description
Early Adopters Onboarding	Early adopters to test onboarding processes, access to EWS test instance, fine-tuning, support desk, etc. Please contract Dan Dennis at dan.dennis@faa.gov
Operational Onboarding	Onboard priority users to EWS operational instance

- **The NWP AWD EWS will provide approved users access to the rendered weather products versus digital data**
- **The CIWS website will be retired in FY26**