## D-310 Unit 7: Predictive Services

**Summary:** This unit focuses on the Predictive Services function as it relates to the Expanded Dispatch Support Dispatcher (EDSD) position. The different products that are created or utilized by Predictive Services are introduced and discussed.

## Objectives

Students will be able to:
- Describe how the Predictive Services function is critical to priority setting and decision making.
- Describe the role of the Expanded Dispatch Support Dispatcher (EDSD) as it relates to the Predictive Services function.
- Identify the basic types of information that may be of interest to the Intelligence Coordinator and/or Information Officer.

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**Unit Objectives**

- Describe how the Predictive Services function is critical to priority setting and decision making.

- Describe the role of the EDSD as it relates to the Predictive Services function.

- Identify the basic types of information that may be of interest to the Intelligence Coordinator and/or Information Officer.

## Incident Position Standards Alignment

### Expanded Dispatch Support Dispatcher

This unit aligns with the following EDSD Incident Position Standards located at https://www.nwcg.gov/positions/expanded-dispatch-support-dispatcher/standards-and-references.

EDSD responsibility alignment
- Gather critical information pertinent to the assignment.
- Obtain situational awareness.
- Establish and maintain communication with frequent contacts.

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**Responsibilities Addressed in Unit**

- Gather critical information pertinent to the assignment.

- Obtain situational awareness.

- Establish and maintain communication with frequent contacts.

## Intelligence

- Incident intelligence describes the collection and analysis of wildland fire or incident-specific data used for strategic planning and decision-making.

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**Intelligence**

- Incident intelligence describes the collection and analysis of wildland fire or incident-specific data used for strategic planning and decision-making.

- Intelligence and Information Officers deal with similar information, but they disseminate it to different audiences.
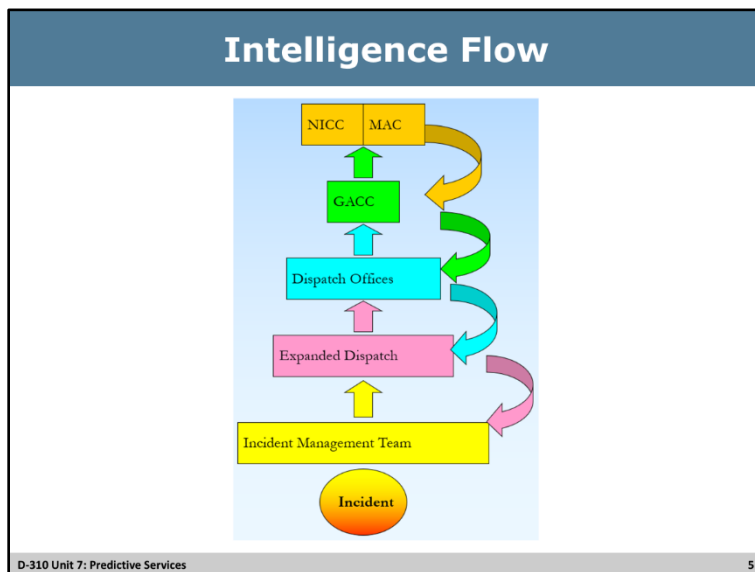
**Intelligence Flow**

- Formal intelligence flows through the incident support system channels (as stated in Unit 1).
  - o Examples
    - Incident
    - Incident Management Team(s) (IMT)
    - Expanded dispatch
    - Dispatch offices
    - Geographic Area Coordination Center(s) (GACC)
    - National Interagency Coordination Center (NICC)/Multi-Agency Coordinating (MAC) Group(s)
    - Fire and aviation personnel from various agencies and at various organizational levels
    - Other intelligence units
- Accurate and timely reporting of information is an important part of the dispatch/coordination system.

**Role of the EDSD**

- Collect and consolidate incident resource information.

- Disseminate the information.

**Collect and Consolidate Incident Information**

**HOW** will you find the information?
- Interagency Resource Ordering Capability (IROC) system reports
- Incident Status Summary (ICS 209)
- Local reports

**WHAT** information are you looking for?
- Number of open or unfilled requests
- Unable to fill (UTF) requests from the local and national levels
- Resources available for reassignment or demobilization

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**Collect and Consolidate Incident Information**

- Collect and consolidate incident resource information from these sources:
  - Interagency Resource Ordering Capability (IROC) system reports
  - Incident Status Summary (ICS 209)
  - Local reports
- Examples of useful information:
  - Number of open or unfilled requests
  - Unable to fill (UTF) requests (e.g., local, national)
  - Resources available for reassignment or demobilization

**Disseminate the Information**

- WHERE should you be disseminating the incident information?
  - o Formal or informal briefings.
  - o Reports, summaries, etc.
- WHO will need the incident information?
  - o Supervisory dispatcher
  - o Information Officer
  - o Duty Officers/local MAC Group
  - o GACC/GACC MAC Group
  - o NICC/National MAC (NMAC) Group

**Why Is Intelligence Critical?**

- Keeps managers informed to make decisions
- Competition for resources at higher preparedness levels
- Aids priority setting
- Identifies critical resource shortages
- Keeps expanded dispatch informed for support of management decisions
- Provides pertinent information to complete intelligence products

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**Why Is Intelligence Critical?**

- Keeps managers and expanded dispatch informed to make decisions.

- Indicates increased competition for resources at higher preparedness levels.

- Aids priority setting.

- Identifies critical resource shortages.

- Provides pertinent information to all levels of the dispatch/coordination system.

**Predictive Services Products**

- Predictive Services is a unit comprised of meteorologists, Intelligence Coordinators, and additional decision support.

- During periods of heavy fire activity, other specialties are added to the unit, including, but not limited to, fire behavior analysts, fire planners, and Geographic Information System (GIS) specialists.

- These units produce the products on the slides that follow.
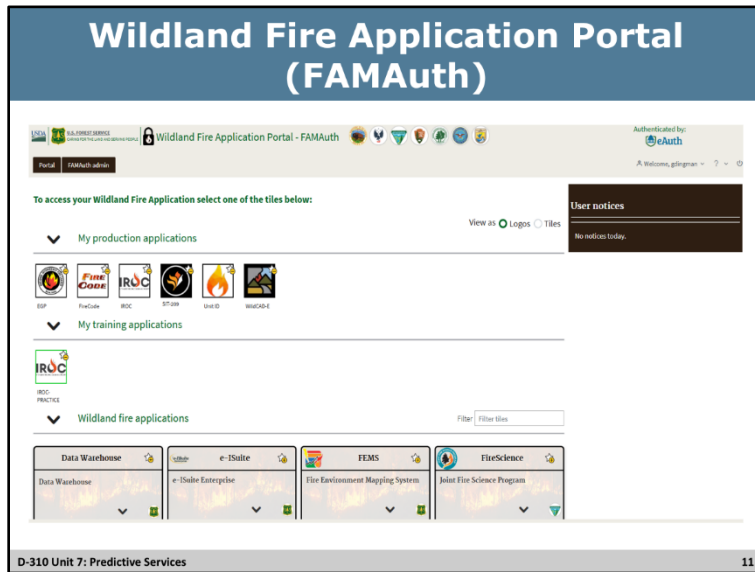
**Interagency Web Applications Homepage (FAMWeb)**

- Review where to find FAMWeb.

## Incident Status Summary (ICS 209)

- Review where to find the Incident Status Summary (ICS 209).

**Incident Management Situation Report (IMSR)**

- Review where to find the IMSR.
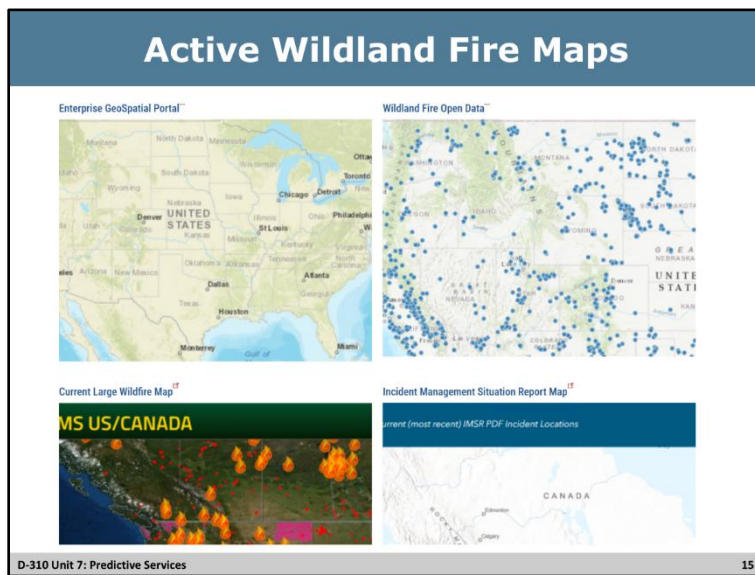
**Active Wildland Fire Maps**

- Review where to find the following:

  o Wildland Fire Decision Support System (WFDSS)

  o Active wildland fire maps (e.g., Fire Enterprise Geospatial Portal [EGP], Moderate Resolution Imaging Spectroradiometer [MODIS])

**Fire Potential Outlooks**

- Each GACC's Predictive Services Meteorologists produce nationally standardized and regionally specific fire potential products.

    o 7- Day Fire Potential Outlook

    o Monthly/Seasonal Outlook

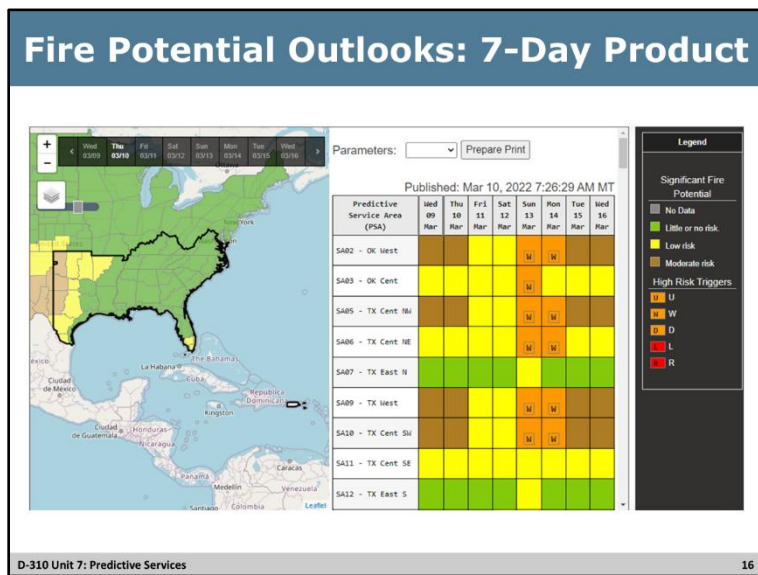    o Web briefings

    o Other localized products

**Fire Potential Outlooks: 7-Day Product**

- Review where to find the following:
    - Weekly Fire Weather/National 7-Day Product
    - Monthly Fire Weather/Fire Potential Outlooks
    - Seasonal Fire Weather/Fire Potential Outlooks
    - Other GACC/local examples

**Summary**

- Formal intelligence flows through the incident support system channels.

- The EDSD collects, consolidates, and disseminates incident resource information.

- Information is found in IROC reports, Incident Status Summary (ICS 209), and local reports and is disseminated via briefings and reports.

- Predictive Services is comprised of meteorologists, Intelligence Coordinators, and additional decision support.

- Predictive Services produces a number of products, including Incident Status Summary (ICS 209), IMSR, active fire maps, and Fire Weather/Fire Danger/Fire Behavior Outlooks.