



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:

- 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.

Unit at a Glance:

Topics	Method	Duration
Intelligence in the Dispatch/Coordination System	Review	10 Minutes
Predictive Services Products	Review	35 Minutes
Total Unit Duration		45 Minutes

Preparation:

This course requires advance preparation. The course coordinator and instructor cadre must thoroughly review the following information and prepare all materials prior to presenting the course.

Course Materials:

- Personal computer with projector and presentation software
- Current samples of Predictive Services products

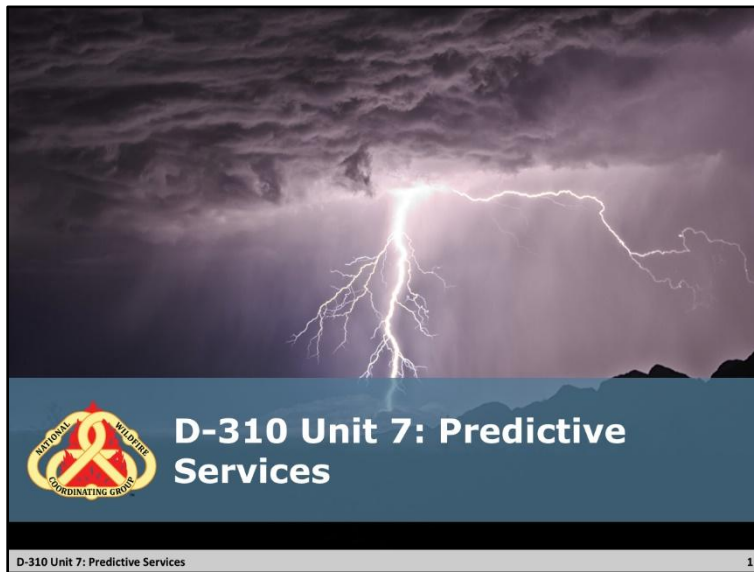
Classroom:

- The classroom should be free from outside interruptions and interferences.
- Provide adequate room and flexibility for student work groups and equipment, including supportive facilities such as break areas, restrooms, etc.
- The classroom should have controlled lighting, good acoustics, and good ventilation.
- Provide adequate access to copy and printing services.
- Provide adequate desk space and power outlets for laptop computers (one power strip for each table).

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- Be sure a computer with projector and screen is available to show electronic presentations.
- If you will be printing in the classroom, a laptop and driver for the printer will be needed.

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Unit Overview

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

Methodology: The unit begins with a review of intelligence in the dispatch/coordination system. It then reviews Predictive Services' products. The unit ends with a summary of the unit's main points and the instructor answering any student questions.

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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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Review Unit Objectives

DO: Review the unit objectives.

By the end of this unit, students will be able to:

- 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.

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Incident Position Standards Alignment

Expanded Dispatch Support Dispatcher



This unit aligns with the following EDSD Incident Position Standards located at <https://www.nwccg.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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Review Incident Position Standards Alignment

DO: Review the responsibilities addressed in this unit.

Responsibilities Addressed in Unit

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

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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.

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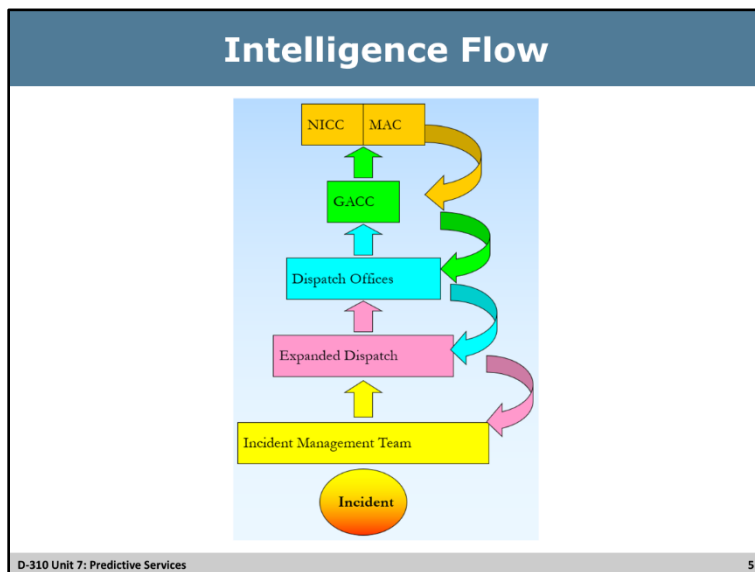


Review

DO: Review the following information.

- 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.

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Review

DO: Review the following information.

- Formal intelligence flows through the incident support system channels (as stated in Unit 1).
 - 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.

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Review

DO: Review the following information.

- Role of the EDSD
 - Collect and consolidate incident resource information.
 - Disseminate the information.

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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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Review

DO: Review the following 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

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Disseminate the Information

WHERE should you be disseminating the information?

- Formal or informal briefings.
- Reports, summaries, etc.

WHO will need this information?

- Supervisory dispatcher
- Information Officer
- Duty Officers/local Multi-Agency Coordinating (MAC) Group
- Geographic Area Coordination Center (GACC)/GACC MAC Group
- National Interagency Coordination Center (NICC)/National MAC (NMAC) Group

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Review

DO: Review the following information.

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

DO: Review the following information.

- 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.

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Predictive Services Products

-  Incident Status Summary (ICS 209)
-  Incident Management Situation Report (IMSR)
-  Active wildland fire maps (e.g., Moderate Resolution Imaging Spectroradiometer [MODIS])
-  Weekly/monthly/seasonal Fire Potential Outlooks
-  Other local examples

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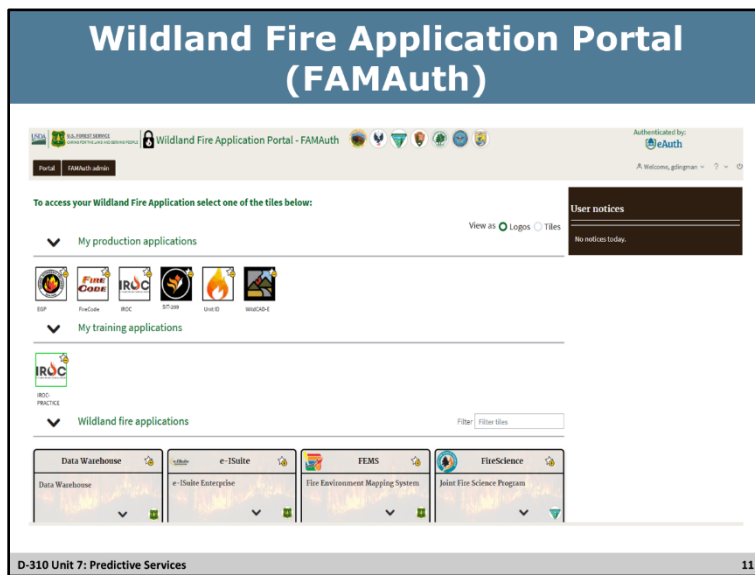


Review

DO: Review the following information.

- 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.

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Review

DO: Show students where to find the following:

- Interagency web applications (FAMWeb)

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Incident Status Summary (ICS 209)

*1. Incident Name:		2. Incident Number:	
*3. Report Version (check one box on left): <input type="checkbox"/> Initial Rpt # (if used): <input type="checkbox"/> Update <input type="checkbox"/> Final		5. Incident Management Organization:	
7. Current Incident Size or Area Involved (use unit label - e.g., "sq m," "city block"):		8. Percent (%) Contained Completed	9. Incident Definition:
		10. Incident Complexity Level:	*11. For Time Period: From Date/Time: To Date/Time:
*12. Prepared By: Print Name: ICS Position: Date/Time Prepared:		*13. Date/Time Submitted: Time Zone:	
*14. Approved By: Print Name: ICS Position: Signature:		*15. Primary Location, Organization, or Agency Sent To:	
Incident Location Information			
*16. State:	*17. County/Parish/Borough:	*18. City:	
19. Unit or Other:	*20. Incident Jurisdiction:	21. Incident Location Ownership (if different than jurisdiction):	
22. Longitude (indicate format): Latitude (indicate format):	23. US National Grid Reference:	24. Legal Description (township, section, range):	
*25. Short Location or Area Description (list all affected areas or a reference point):		26. UTM Coordinates:	

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Review

DO: Show students where to find the following:

- Incident Status Summary (ICS 209)

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Incident Management Situation Report (IMSR)

National Interagency Coordination Center
Incident Management Situation Report
Friday, March 4, 2022 - 0730 MDT
National Preparedness Level 1

National Fire Activity (February 25 - March 3, 2022):
Initial attack activity: Light (714 Fires)
New large incidents: 27
Large fires contained: 19
Uncontained large fires: *** 14
Area Command teams committed: 0
NIMOs committed: 0
Type 1 IMTs committed: 0
Type 2 IMTs committed: 0

Nationally, there are 0 fires being managed under a strategy other than full suppression.
***Uncontained large fires include only fires being managed under a full suppression strategy.

[Link](#) to Geographic Area daily reports.
[Link](#) to Understanding the IMSR.

This report will post every Friday at 0730 Mountain time unless significant activity occurs.

GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel	Change in Personnel
AWCC	0	0	0	0	0	0	8
NWCC	0	0	0	0	0	0	8
ONCC	0	0	0	0	0	0	8
OSCC	2	4,889	3	8	0	92	11
NRCC	0	0	0	0	0	0	8
GBCC	0	0	0	0	0	0	8
SWCC	1	1,863	0	3	0	13	-3
RMCC	0	0	0	0	0	0	-79

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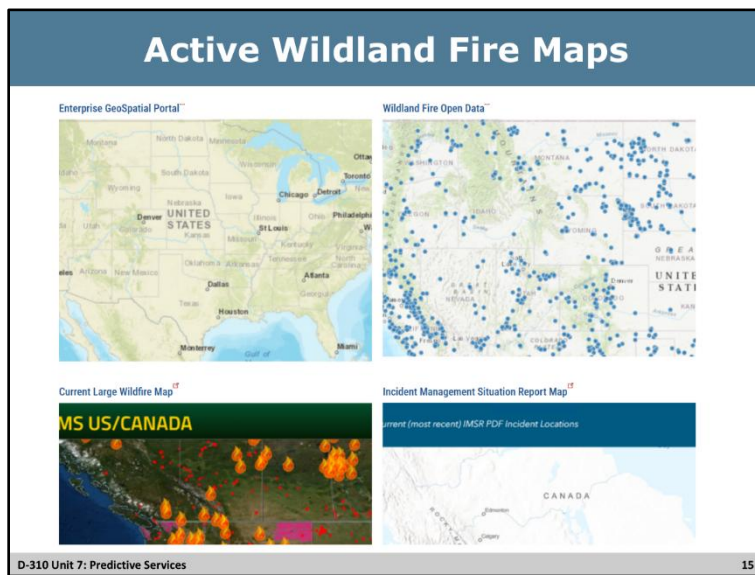


Review

DO: Show students where to find the following:

- Incident Management Situation Report (IMSR)

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Review

DO: Show students where to find the following:

- Wildland Fire Decision Support System (WFDSS)
- Active wildland fire maps (e.g., Fire Enterprise Geospatial Portal [EGP], Moderate Resolution Imaging Spectroradiometer [MODIS])

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Fire Potential Outlooks

- Each GACC's Predictive Services Meteorologists produce nationally standardized and regionally specific fire potential products.
 - 7- Day Fire Potential Outlook
 - Monthly/Seasonal Outlook
 - Web briefings
 - Other localized products

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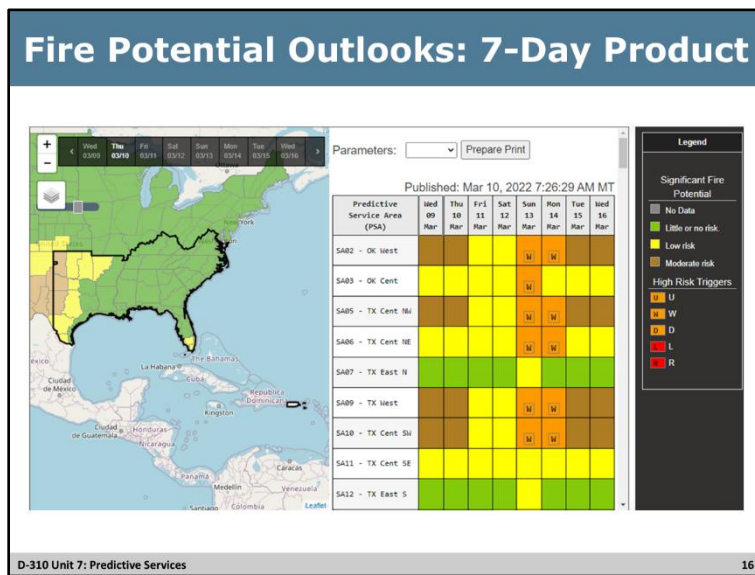
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Review

DO: Review the information on the slide.

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Review

DO: Show students 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

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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 Potential Outlooks.

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Summary

DO: Review the summary of the unit on the slide.

DO: Answer any questions students may have before moving to the next unit.