

2021 Virtual Wildfire Safety Refresher Modules & Discussion

*Copy the web links to Google. I had trouble with the modules opening in Internet Explorer.

Leadership – Communication Tools

<https://www.nwcg.gov/publications/training-courses/rt-130/leadership/ld603>

1. What are the 5 Communication Responsibilities?
 - a.
 - b.
 - c.
 - d.
 - e.

Operations – Standard Firefighting Orders

<https://www.nwcg.gov/publications/training-courses/rt-130/operations/op815>

1. How and why were the Standard Firefighting orders developed?
2. Realistically, we can never eliminate all risk. True or False.
3. Standard Firefighting Orders, how are they organized, what do they address?
 - Orders 1-3 _____
 - Orders 4-6 _____
 - Orders 7-9 _____
 - Order 10 _____

Hazards – Smoke, Knowing the Risks

<https://www.nwcg.gov/publications/training-courses/rt-130/hazards/haz508>

1. What are the harmful chemical components found in wildland/prescribed fire smoke?
2. Explain the physiological and mental effects that smoke has on firefighters.
3. What are some indicators that someone may be experiencing the short or long-term effects of smoke exposure?
4. What fireline tactics and/or strategies lead to the highest potential smoke exposure?
5. What are some of the ways to mitigate smoke exposure?

Hazards – Felling Hazard Trees: Does it Need to Come Down?

<https://www.nwcg.gov/publications/training-courses/rt-130/hazards/haz513>

1. Define a hazard tree. Is a dead, standing, ember-receptive tree a hazard tree? Do your perceptions of a hazard tree change from hotline construction to mop-up? What about from direct line construction to indirect?

2. Which fireline positions make decisions about what trees need to come down? While on fire assignments, do your fireline supervisors (Operations Section Chief, Division Supervisor, Task Force Leader, Strike Team Leader, etc.) provide their tree removal expectations?
3. Do you have adequate training for the cutting assignment? What influences your decision to walk away/turn down a cutting assignment? Does your supervisor support you in making these decisions on your own?
4. What are the key components that must be identified when determining the complexity of a saw operation? How do you determine what level of certification or skill set is needed to safely fell or buck a tree?
5. If you start cutting a tree and the tree hangs up, what do you do?
6. Do all hung trees need to be removed? What influences your decision?
7. What are the alternatives to cutting down a tree?

Hazards – Observations from Recent Prescribed Fire Reviews

<https://www.nwcg.gov/publications/training-courses/rt-130/hazards/haz514>

1. What are some of the common factors in wildfire declarations?
2. What weather conditions may lead to an escape after the ignition phase?
3. What weather factors contribute to escapes in pile burning?
4. What indices can be used to monitor long term drying trends?
5. Have most of the recent escapes been the result of pile or broadcast burns? Why is this?
6. Which of the tools shared in the video can you utilize at your home unit to model expected fire behavior?

Medical – Incident Within an Incident

<https://www.nwcg.gov/publications/training-courses/rt-130/medical/me705>

1. Where is the 8 Line Medical Incident Report located? On larger incidents it can be found in 2 locations.
 - a.
 - b.
2. What are the 8 steps of the 8 Line Medical Incident Report? Do you understand each of them?

Below are optional for in-state resources, Mandatory for out of state deployments.

Case Study – Mudd Fire

<https://www.nwcg.gov/publications/training-courses/rt-130/case-studies/cs209>

Identify Hazards (Situation Awareness)

- a. When did the involved personnel obtain the basic critical information?
 - i. Objectives, communication, who's in charge, previous fire behavior, weather forecast, and local factors.
 - ii. Was the assignment scouted?

Assess Hazards

- a. Were potential fire behavior hazards estimated?
- b. Which tactical hazards or Watch Out Situations were present?
- c. What other warnings or indicators were present prior to the entrapment?

Develop Controls and Make Risk Decisions

- a. Where was the fireline anchor point?
- b. Was there an established lookout?
- c. What communication links were in place between the involved personnel and their fireline supervisor or adjoining forces?
- d. What was the pre-identified escape route(s)?
- e. What was the pre-identified safety zone(s)?
- f. Was a Medical Plan in place?

Implement Controls

- a. Were the necessary hazard controls in place for this situation? If not, what was lacking?
- b. Were the strategies and tactics based on expected fire behavior? If not, why?
- c. Did all involved resources have an opportunity for feedback during the decision-making process? If not, why?

Supervise and Evaluate

- a. What individual or human factors existed that increased the potential for decision errors?
- b. What organizational factors existed that increased the potential for decision errors?
- c. As the fire and situation evolved, did the strategy, and tactics continue to work? Did the hazard controls evolve as the fire and situation evolved?

New Generation Fire Shelter

<https://www.nwcg.gov/committees/fire-shelter-and-personal-protective-equipment-subcommittee>

Work Capacity Test & Shelter Deployment Exercise

Arrive 15 minutes early to do paperwork and complete the fire shelter deployment exercise. Please wear a mask and we will have rubber/nitrile gloves available for the fire shelter deployment exercise. **EVERYONE MUST NOW PACK TEST, THIS HAS CHANGED FROM MY LAST EMAIL. AS OF 12/1/2020 EVERYONE WILL NEED TO PACK TEST.**

Due to COVID, you **MUST provide your own pack or vest for the Work Capacity Test/Pack Test. We will have a scale to weigh your pack.**

- 🔥 Kirkwood Community College, Around softball/baseball field walking track, April 7th, 2021, 4pm and 5pm (if needed) Contact Ryan Schlater, Ryan.Schlater@dnr.iowa.gov
- 🔥 Cambridge Fire Department, Cambridge Iowa. April 10th, 10am and 11am (if needed) Contact Ryan Schlater, Ryan.Schlater@dnr.iowa.gov
- 🔥 A few others will be scheduled as well in the Woodward Area and possibly in the Fort Dodge Area.