

GEOGRAPHIC AREA WORKSHOP LOCATION

INSTRUCTOR: Coaches
LESSON: Task #6 – Analysis for Management Tools and Decisions
UNIT: Day 4
WORKSHOP: NFDRS2016 Rollout Workshop

OBJECTIVE(S)

Upon completion of this lesson, participants will be able to:

1. Identify NFDRS decision points/thresholds as a basis for management actions.
2. Determine the appropriate number of decision points/thresholds for:
 - 5 PREPAREDNESS LEVELS
 - 5 STAFFING LEVELS
 - 3-5 Response Levels
 - 5 Adjective Levels

NARRATIVE

I. INTRODUCTION

Utilizing the analysis area FireFamilyPlus database and outputs from the previous exercises and laboratory activities:

- A. Step 3 {continued from Task #5} - For each management tool (Response Level, Staffing Level, Preparedness Level, Adjective Fire Danger Rating, Restrictions) determine the variable/index, fuel model, and decision points (either climatological or fire business) to guide actions and document in the Fire Danger Operating Plan (FDOP) Template.
 1. Match the degree of control and ability to react of each management tool to sensitivity of the best candidate (variable/index and fuel model) determined in Step 2 in Task #5.
 2. Utilize either fire business thresholds or climatological breakpoints for each management tool.

3. For each management tool, determine the number of decision points needed for to address the fire occurrence workload identified in Task #3. Identify threshold values/breakpoints for each decision point.
- B. Step 4 – Consider the interaction between management tools and evaluate the potential for conflicting decisions within the selected FDRA. For example – a high dispatch level day should not occur on a day when the staffing level is low, or heavy public use restrictions should not occur when the adjective rating is low.
- C. Step 5 – Describe what actions will occur at the different decision points.
- D. Step 6 - Document the fire danger-based decisions in the FDOP Template.

II. EXERCISE MATERIALS:

- A. Fire Danger Operating Plan template
- B. FireFamilyPlus database for the analysis area
- C. Weather station data selected in Task #4

III. REFERENCES:

- 6a. TechTip_FireBusiness_Thresholds_Reference_Chart
- 6b. TechTip_DecisionPoints