

# CLACKAMAS COUNTY FIRE DANGER CRITERIA

## 5 May 2005

### PURPOSE:

This document is intended to be used as a guide for Clackamas County Fire Departments to suggest increases in staffing and equipment response during high fire danger periods, And To clarify Fire Danger Terminology.

Based on the daily Fire Severity Information distributed by the Department of Agriculture, Moderate Fire Danger, High Fire Danger, and Extreme Fire Danger categories will be used as a standard for Clackamas County. Nothing precludes local departments from using additional information such as Portland Fire Weather and Oregon Department of Forestry recommendations to increase staffing & response levels for their agency depending on local conditions.

MODERATE FIRE DANGER - Flame Spread Index 75 -84; Haines Index 3  
Temperature < 85 degrees Humidity > 25%  
Wind < 10 MPH

#### Recommendations:

Suggest each agency consider elevated staffing and responses to initial attack Incident.

HIGH FIRE DANGER  
(Industrial Level 2-3)  
(CC Burning Level C-D)

Flame Spread Index 85 - 94; Haines Index 4-5  
Temperature > 85 degrees; Humidity < 25%;  
Wind > 10 MPH;  
Energy Release Component, Ignition Component, and  
Fuel Moisture  
Web references: ( ODF Weather Station @ Eagle  
Creek, [www.odf.state.or.us](http://www.odf.state.or.us) and  
[www.met.utah.edu/roman/gacc/nwcc\\_frame.html](http://www.met.utah.edu/roman/gacc/nwcc_frame.html)  
<http://fire.boi.noaa.gov/FIREWX/PDXFWPQR.html>

#### Recommendations:

Additional Staffing and elevated response to initial attack Incident.  
CCFOC Page to Notify all Duty Officer's

EXTREME FIRE DANGER  
(Industrial Level D-E)  
(CC Burning Level D-E)

Flame Spread Index 95 - 100,  
Haines Index 5 -6, Temperature > 90 degrees  
Humidity 20% or less; Sustained Winds > 10 MPH;  
Energy Release Component, Ignition Component, and  
Fuel Moisture.

Web references: ( From ODF Weather Station  
[www.odf.state.or.us](http://www.odf.state.or.us) and  
[www.met.utah.edu/roman/gacc/nwcc\\_frame.html](http://www.met.utah.edu/roman/gacc/nwcc_frame.html)  
<http://fire.boi.noaa.gov/FIREWX/PDXFWPQR.html>

Recommendations:

Elevated Staffing & Responses to all initial attack Incidents.  
.Consider Inter-County Strike Team Response.  
Staff Fire Operations Center or Fire Dispatch Liaison Position's.  
Notification of Fire Defense Chief or his Designee and CCFOC page to notify  
all Duty Officer's

RED FLAG Warnings may be declared by Clackamas County Fire Defense Chief or his  
authorized Representative. Agencies will refrain from using Red Flag terminology unless  
declared by CCFDB. Portland Fire Weather and ODF Red Flag Warnings shall be used as  
recommendations to assist CCFDB in Determining a Red Flag declaration.  
Red Flag declaration by CC Fire Defense Chief puts all Clackamas County Fire Agencies at  
the Extreme Danger Level.

Adopted 5 May 2005  
Clackamas County Fire Defense Board