

FIRE BEHAVIOR FORECAST

Fire: County Line	Unit: FL-FNF	Prediction for <u>Day Shift</u>
Forecast # 13 Issued: 04/21/2012 2000 hrs	Signed: Gary Jarvis 202.379.6993 /s/ Gary Jarvis	Shift Date: Sunday 04/22/2012

GENERAL FIRE BEHAVIOR

Cloud cover, higher relative humidity and rainfall will moderate fire behavior today.

One hour fine dead fuel moisture will only drop to around 9%. 10 hour fuels 11% 1000 hour fuels 16%.

Fuels are predominately Fuel Model (FM) 7 (Southern Rough) in the uplands and SH5/SH4 (heavy brush) in the swamp. Large to moderate acreage tracts of commercial timberland are mixed in throughout the entire perimeter surrounding the forest.

Indicators of Increased Fire Activity

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| <ul style="list-style-type: none">• Relative humidity dropping below 45%• Winds above 10 mph• Heavy fuel loadings | <ul style="list-style-type: none">• Fine dead fuel moisture 8% or less• Dispersion above 70 |
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SPECIFIC FIRE BEHAVIOR

Initial Attack

Lightning strikes have occurred throughout the Initial Attack Zone over last two days. Strikes still have the potential to flare up until significant rainfall is received.

Mop up operations

Recent moisture will enhance mop up operations for next few days. Take advantage of moisture now before it's gone.

All Divisions:

Fuel Type	Rates of Spread	Flame Length	Spotting Distance	Firebrand Ignition
Winds at 6 - 8, G 20 mph @ 20'				
*Shrub Fuels	11 - 48 ch/hr.	4 -8 feet	<.1 mile	37%
*Southern Rough	9 - 39 ch/hr	4 - 7 feet	<.1 mile	37%
*Timber Litter-Reburn	3 - 8 ch/hr.	2 - 3 feet	N/A	37%
*Small Pine Plantation w/grasses	8 - 31 ch/hr	3 - 6 feet	<.1 mile	37%

*The above calculations were done with assumption of little to no rainfall. If over 1 inch of rainfall is received disregard.

Air Operations: Rain will reduce flights in the A.M.

SAFETY:

Be cautious of cut over pond and bay sites. These sites have numerous stumps and pose serious danger to dozers. Make sure dozer blade is down low enough to catch stumps so they don't become hung underneath dozers when constructing fireline.