

***Fire Weather Forecast***

**FORECAST NO:** 1 **NAME OF FIRE:** County Line Fire

**PREDICTION FOR:** Night Shift **UNIT:** Osceola Ranger District ICP

**SHIFT DATE**: Tuesday, April 10, 2012 **SIGNED:** Rick Davis

Incident Meteorologist

240-778-5277 or 941-524-2957

**TIME AND DATE**

**FORECAST ISSUED:** 1300 EDT April 10, 2012

***\*\*\* Areas of Dense Fog and Smoke Tonight into Wednesday\*\*\****

***WEATHER DISCUSSION:***

Elevated fire weather conditions will continue as a weak cold front will slowly sag into the region tonight and early Wednesday with west to northwest winds keeping the warm and dry conditions in place.

**.WEDNESDAY... Elevated Fire Weather Conditions…**

SKY/WEATHER.........SUNNY (15-25 PERCENT). AREAS OF SMOKE IN THE

 MORNING.

MAX TEMPERATURE.....82-84.

MIN HUMIDITY........25-30 PERCENT.

WIND (20 FT)........WEST WINDS 5 TO 10 MPH EARLY IN THE MORNING...

 THEN BECOMING NORTHWEST 10 TO 15 MPH WITH GUSTS 20 TO 25 MPH

 BY THE AFTERNOON.

LAL.................1.

MIXING HEIGHT.......900-1800 FT AGL INCREASING TO 6000-7000 FT AGL.

MIXING WINDS........NORTHWEST 10 TO 15 MPH INCREASING TO 20 TO 30

 MPH LATE IN THE AFTERNOON.

DISPERSION INDEX....75-90.

**.TONIGHT...**

SKY/WEATHER.........MOSTLY CLEAR (5-15 PERCENT). AREAS OF DENSE FOG AND SMOKE.

MIN TEMPERATURE.....AROUND 55.

MAX HUMIDITY........90 PERCENT.

WIND (20 FT)........WEST WINDS 6 TO 8 MPH DECREASING TO 3 TO 5 MPH.

LAL.................1.

MIXING HEIGHT.......4000-5900 FT AGL DECREASING TO 500-800 FT AGL.

MIXING WINDS........WEST 10 TO 14 MPH DECREASING TO 6 TO 8 MPH.

DISPERSION INDEX....6-3.

LVORI...............7-9.

TIME (EDT) 6 PM 8 PM 10 PM MIDNGT 2 AM 4 AM 6AM

SKY (%).........4 5 3 2 2 2 3

WEATHER COV.....AREAS AREAS AREAS AREAS AREAS AREAS AREAS

WEATHER TYPE....SMOKE SMOKE SMOKE SMOKE SMOKE SMOKE SMOKE

TEMP............81 73 65 61 59 57 55

RH..............34 48 64 78 87 87 90

20 FT WIND......NW 8 NW 7 W 6 W 5 W 5 W 4 W 3

20 FT WIND GUST.12 10 10 10

MIX HGT (FT)....5900 4000 2400 1300 800 800 500

TRANSPORT WIND..W 9 W 13 W 14 W 13 W 8 W 8 W 6

LVORI...........5 6 6 7 7 8 9

LAL.............1 1 1 1 1 1 1

---------------------------------------------------------------------------------------------------------------------------------------------------------