



Fire Weather Forecast



FORECAST NO: 2

NAME OF FIRE: County Line Fire

PREDICTION FOR: All Shifts

UNIT: Osceola Ranger District ICP

SHIFT DATE: Wednesday, April 11, 2012

SIGNED: *Rick Davis* Incident Meteorologist
240-778-5277 or 941-524-2957

TIME AND DATE

FORECAST ISSUED: 2000 EDT April 10, 2012

***** Red Flag Warning Today for High Dispersions and Low RH*****

WEATHER DISCUSSION:

A weak dry cold front will continue to sag through the area this morning with high pressure building into the region by this afternoon. The very dry conditions will remain in place as northwesterly winds increase through the lower atmosphere creating an unstable environment and hazardous fire weather conditions today.

.Today...Red Flag Warning in Effect...

Sky/Weather.....Clear. Areas of Dense Smoke and Fog in the Morning.
Max Temperature.....80-82.
Min Humidity.....Around 25 Percent.
Wind (20 FT).....West Winds 6 to 10 MPH then becoming Northwest and increasing to 10 to 15 MPH with gusts to around 20 mph by the afternoon.
LAL.....1.
Mixing Height.....500-1200 FT AGL in the Morning increasing to 6000-7000 FT AGL.
Mixing Winds.....Northwest 10 to 15 MPH increasing to 20 to 30 MPH.
DISPERSION INDEX....75-90.
LVORI.....8-10 in the morning.

.Tonight...

Sky/Weather.....Clear. Areas of Dense Smoke and Fog in the Morning.
Min Temperature.....42-47.
Max Humidity.....95-100 Percent.
Wind (20 FT).....Northwest Winds 6 to 10 MPH then becoming North around 5 mph.
LAL.....1.
Mixing Height.....4000-6000 FT AGL decreasing to 500-1000 FT AGL.
Mixing Winds.....Northwest 8 to 12 MPH becoming North 5 to 8 MPH.
DISPERSION INDEX....3-5.
LVORI.....8-10 in the morning.

.Thursday...Elevated Fire Weather Conditions...

Sky/Weather.....Sunny. Areas of Dense Smoke and Fog in the Morning.
MAX TEMPERATURE.....75-80.
MIN HUMIDITY.....35-40 PERCENT.
WIND (20 FT).....North winds 4 TO 6 MPH early in the morning...
Then becoming northeast 8 TO 10 MPH with gusts to around 15 MPH.
LAL.....1.
MIXING HEIGHT.....900-1800 FT AGL increasing to 5000-6000 FT AGL.
MIXING WINDS.....North 10 TO 15 MPH.
DISPERSION INDEX....60-70.