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| **FIRE BEHAVIOR FORECAST** |
| **FORECAST NUMBER: 12** | **TYPE OF FIRE: Wildland**  |
| **FIRE NAME: County Line** | **OPERATIONAL PERIOD: Day and Night, 4/21/2012** |
| **DATE ISSUED: 4/20/2012** | **TIME: 2000** |
| **UNIT: FL-FNF Osceola RD.** | **SIGNED: Gary Jarvis FBAN** |
| **WEATHER SUMMARY:** See Fire Weather Forecast for details. Temperatures Maximum… 78˚ - 80Relative Humidity Minimum… 55 -60% Winds (20 FT) Southwest 8 to 10 mph. Gusting up to 12 mph.LAL 3 |
| **GENERAL FIRE BEHAVIOR:** Cloud cover, higher relative humidity and rainfall (if received) will moderate fire behavior today. Minimum 1 hr fuels 9%.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. Low ConditionsRelative Humidity >50% Low fire spread in larger fuels and smoldering spread in fine fuels. Flame lengths 1 to 2 feet, little rate of spread and probability of ignition < 40%Moderate ConditionsRelative Humidity 40 to 50% Low to moderate fire spread with rates of spread of 10 to 15 feet per minute. Flame lengths 3 to 5 feet and probability of ignition of 40 to 50% High ConditionsRelative Humidity < 40% Active fire spread with rates of spread of 15 to 20 feet per minute.Flame lengths 4 to 6 feet with probability of ignition 50 to 55% |
| **SPECIFIC:** Fuel model 7 Southern Rough was used when calculating outputs for general fire behavior. This model has a moisture of extinction of 40%.  |
| **AIR OPERATIONS:** Poor visibility due to cloud cover and rain.  |
| **SAFETY:** Keep informed on fire weather conditions and forecasts.Roads will become very slippery when wet. Be very cautious when driving. |