|  |  |
| --- | --- |
| **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˚ - 80  Relative 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 Conditions  Relative 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 Conditions  Relative 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 Conditions  Relative 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. | |