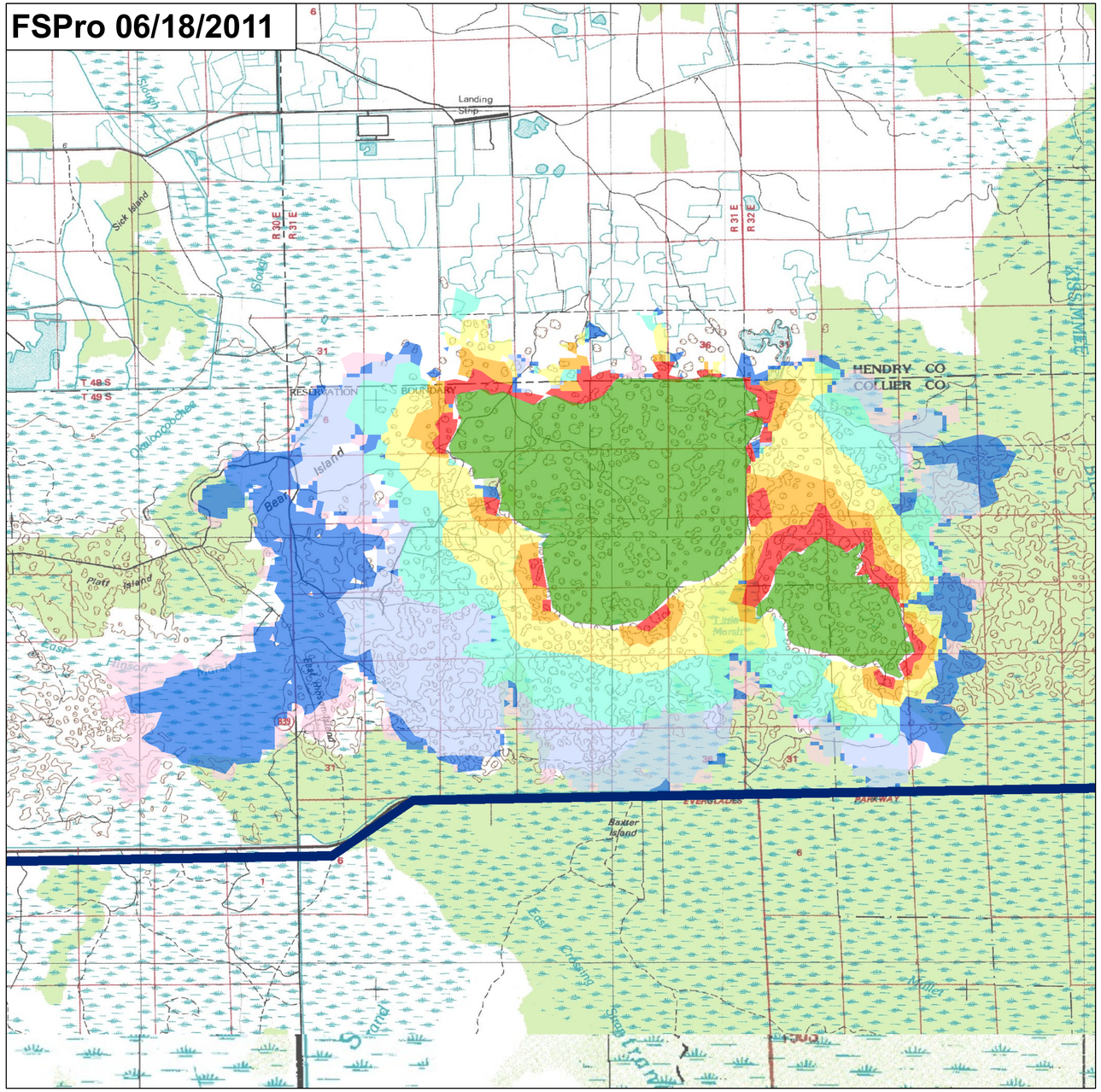
WFDSS Runs

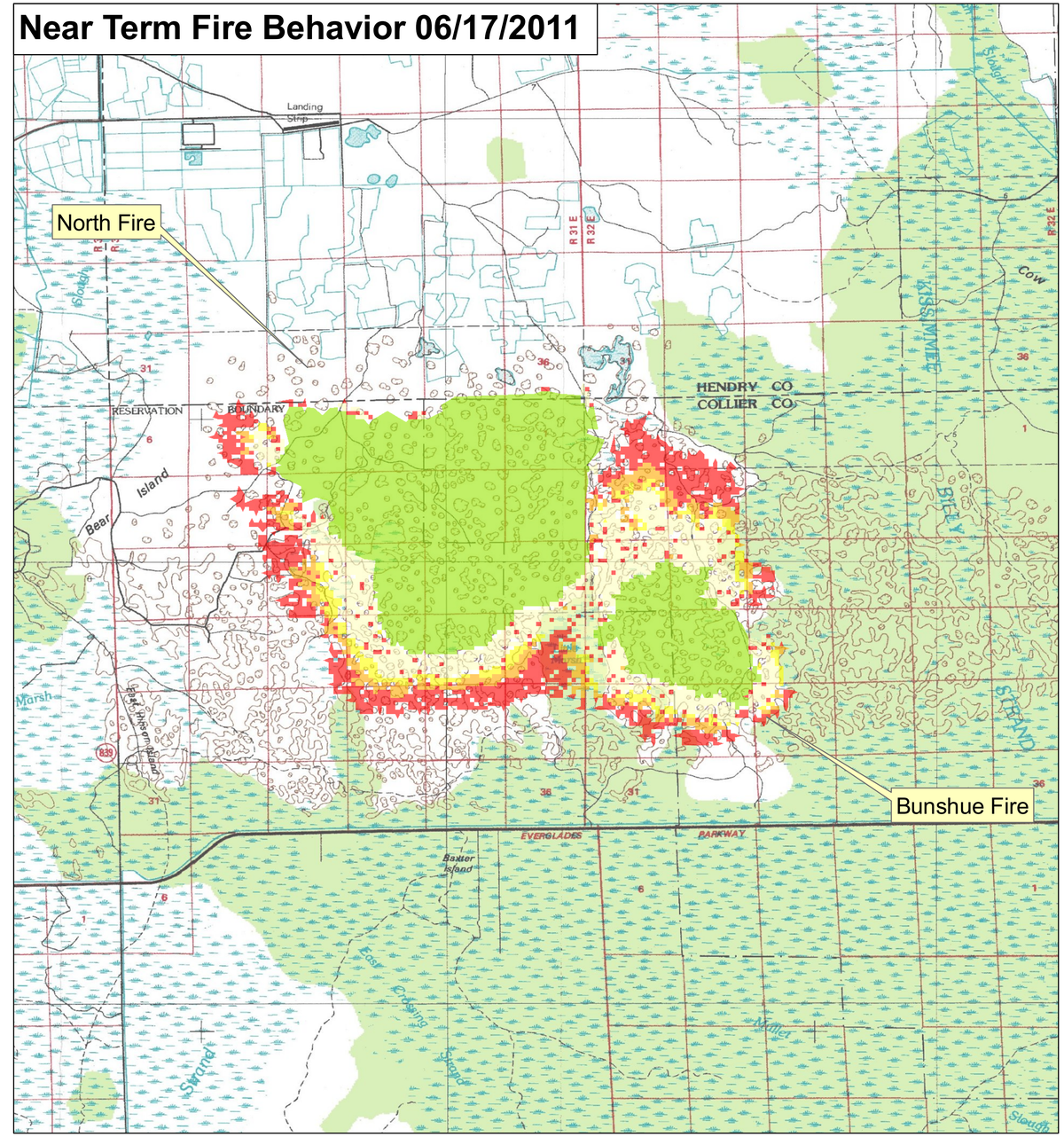
# Florida - North Fire

Saturday - June 18, 2011

## FSPro 06/18/2011




## Near Term Fire Behavior 06/17/2011



**FSPro Fire Spread Probability**

- < 0.2%
- 0.2 - 4.9%
- 5 - 19%
- 20 - 39%
- 40 - 59%
- 60 - 79%
- 80 - 100%
- FSPro Ignition
- FSPro Barrier

**Near Term Burn Periods**

- Ignition
- 06/17/2011
- 06/18/2011
- 06/19/2011
- 06/20/2011

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Datum: NAD83
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Types of WFDSS Analysis:

Wildland Fire Decision Support System

•Short-Term Fire Behavior: 1-3 days. Right here, right now. A 'snapshot in time' as weather and wind conditions do not change for the length of the simulation period in the model.

•Near-Term Fire Behavior: 1-5 days (or the availability of forecast weather). The weather conditions change throughout the simulation duration of the model.

•FSPro: used when intelligence is desired beyond immediate, known, high-confidence forecasts. Commonly used when planning for incidents 7 + days into the future, as confidence in forecasts decreases with time. Many weather scenarios are simulated throughout the simulation duration of the model.