

120°W

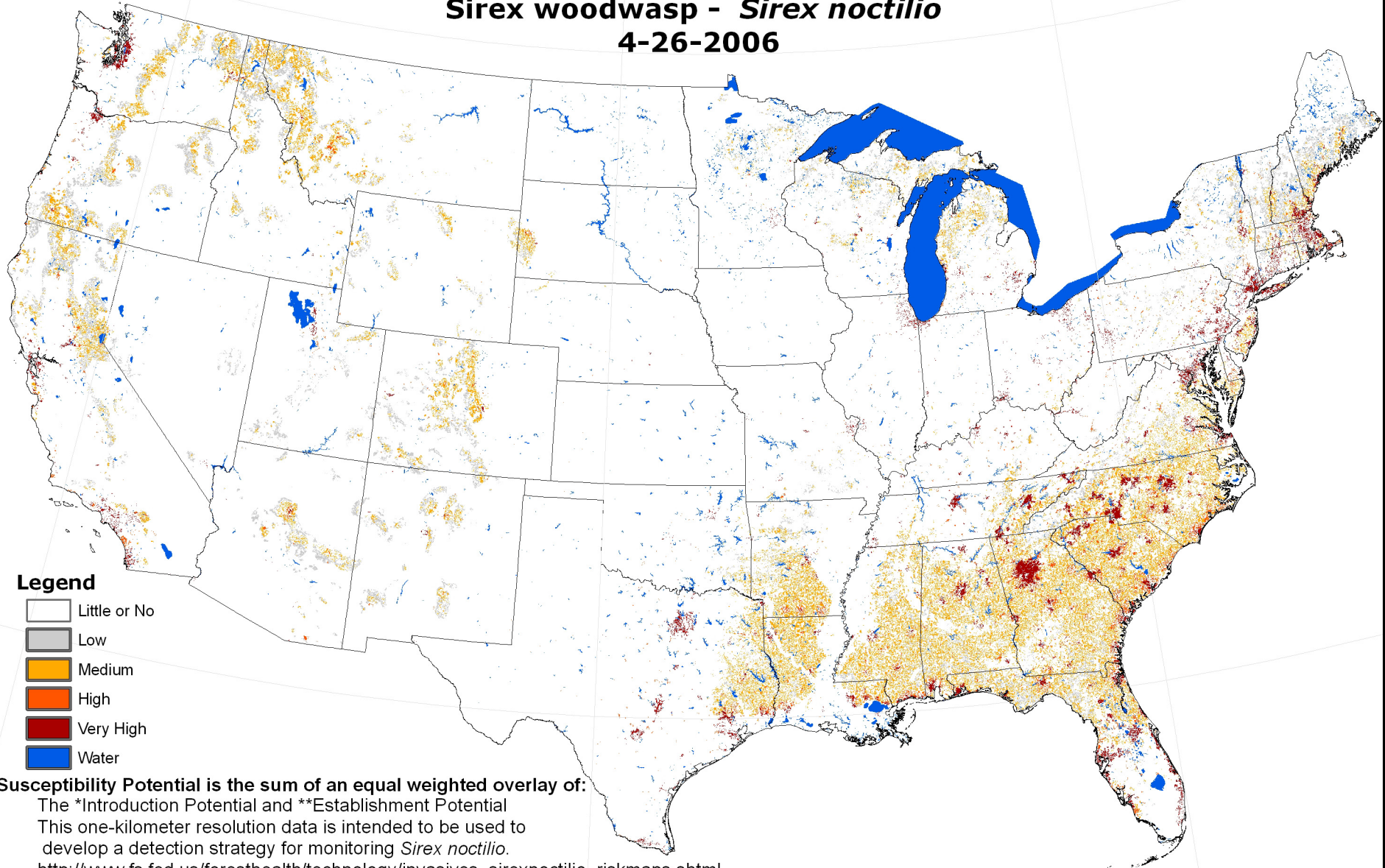
100°W

80°W

Susceptibility Potential

Sirex woodwasp - *Sirex noctilio*

4-26-2006



Legend

- Little or No
- Low
- Medium
- High
- Very High
- Water

Susceptibility Potential is the sum of an equal weighted overlay of:

The *Introduction Potential and **Establishment Potential

This one-kilometer resolution data is intended to be used to develop a detection strategy for monitoring *Sirex noctilio*.

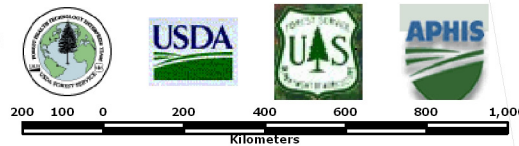
http://www.fs.fed.us/foresthealth/technology/invasives_sirexnoctilio_riskmaps.shtml

*Introduction Potential is determined by the locations of the:

- Ports that handle commodities with soild wood packing materials shipped from countries where *Sirex noctilio* exists.
- Distribution centers
- Markets

**Establishment Potential is determined by:

- Pine basal area
- Presence of susceptible host
- Soils Wetness Dryness Index
- Plant Hardiness



Albers Equal Area Conic Projection

Map Produced by FHTET
Fort Collins, CO on 5-9-2006. MFT
file: susceptibility_soils.mxd
GRID: suscept13_rc
Tool = Sirex_NewYork.model = Sirex_fn

30°N

30°N

100°W

80°W