

# Forest Land Cover Change (1975-2000) in the Greater Border Lakes Region: Period of most recent forest canopy disturbance

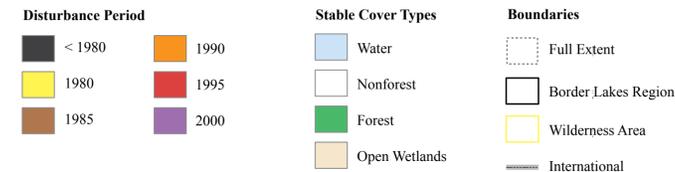
Peter T. Wolter, Brian R. Sturtevant, Brian R. Miranda, Sue M. Lietz, Philip A. Townsend, and John Pastor

**Map Description**  
 This composite map displays the period of forest canopy disturbance derived from the 1975-2000 sequence of land cover data. Forest canopy disturbance is defined as a forested pixel changing to a transitional cover type (i.e., herbaceous, brush, regeneration, fire scar or blowdown) in successive time steps, indicating stand-replacing disturbance (i.e., overstory removal). Forested pixels circa 2000 that were not disturbed within the timeframe of the data were pooled into a stable "Forest" class. The nonforested lowlands circa 2000 were pooled into a stable "Open Wetlands" class. Sites that were nonforest throughout the time series but are not open lowlands were grouped into a stable "Nonforest" class. This class includes developed areas and upland openings (natural or manmade). A research dataset (Wolter et al. 2012) includes Arc Macro Language (AML) code used to construct this map from the time series of land cover classifications.

**Suggested Citation**  
 Wolter, Peter T.; Sturtevant, Brian R.; Miranda, Brian R.; Lietz, Sue M.; Townsend, Philip A.; Pastor, John. 2012. Forest land-cover change (1975-2000) in the Greater Border Lakes Region: Period of most recent forest canopy disturbance. Research Map NRS-3. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Map].

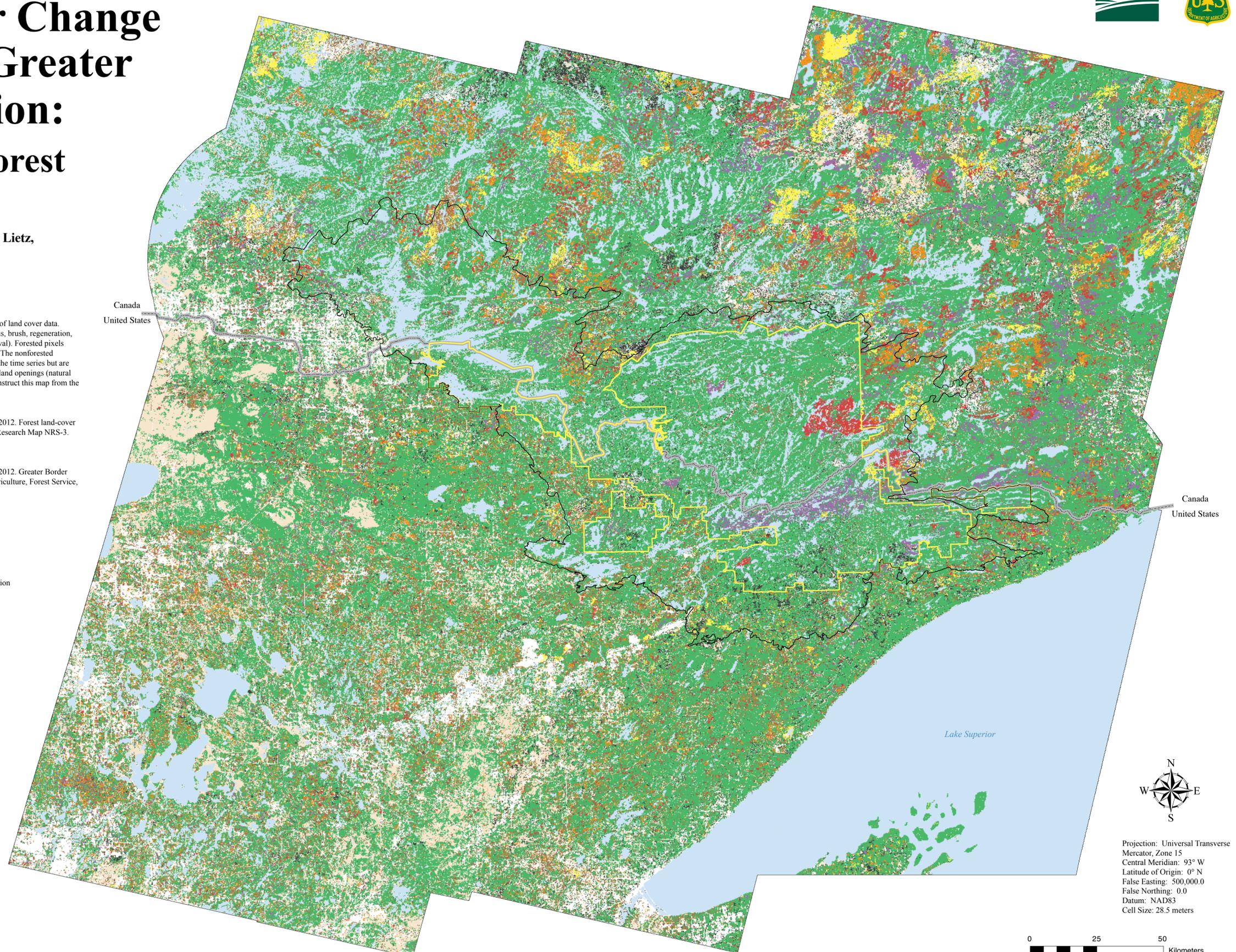
**Dataset Reference**  
 Wolter, Peter T.; Sturtevant, Brian R.; Miranda, Brian R.; Lietz, Sue M.; Townsend, Philip A.; Pastor, John. 2012. Greater Border Lakes Region land cover classification and change detection. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Dataset]. Available at: <http://dx.doi.org/10.2737/RDS-2012-0007>

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Projection: Universal Transverse Mercator, Zone 15  
 Central Meridian: 93° W  
 Latitude of Origin: 0° N  
 False Easting: 500,000.0  
 False Northing: 0.0  
 Datum: NAD83  
 Cell Size: 28.5 meters

