

Nitrogen Delivery Index

Niantic River Watershed (HUC 12)

Nitrogen Delivery Index (NDI, range 0 to 100) and is a relative measure of the estimated N being transported from a location within a mapped watershed to receiving waters.

Nitrogen loading estimates are based on land cover classes, making use of peer-reviewed published data, and normalized, with a range of 0 to 1.

These N loading factors are then multiplied by the N Transport Efficiency (range 0 to 100) from a given location within a watershed, to arrive at the NDI.

Darker colors denote higher estimated N transport from a location, taking into account both potential N sources at a location as well as N sinks encountered along the flowpath from that location to the downstream receiving waters.

Particle tracking and N removal and loading estimates use land cover data from NLCD (2016, 30 m), hydrologic data from NHDPlusV2, and soils data from SSURGO.

