

# Nitrogen Delivery Index

## Palmer River Watershed (HUC 12)

The Nitrogen Delivery Index (NDI, range 0 to 100) 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 NHDPlus V2, and soils data from SSURGO.

### Nitrogen Delivery Index

0 - 20 (no color)

20 - 40

40 - 60

60 - 80

80 - 100



0 0.5 1 1.5 2 Miles

