

SIMPLE-Monthly Pollutant Loading Model Results - Braden (II) River TN

Section 1 TN Loading has decreased by 83% from 2001-2016
Section 2 Irrigation input was the component that saw the greatest increase in loading from 2001-2016 (+11,365%)
Section 3 Stormwater Runoff is the greatest contributor to TN in the Braden River (II) Basin, contributing 76% of the total load.
Section 3 The Braden River (II) is a not a major TN contributor to the Braden River watershed.

Section 1
Braden River (II)

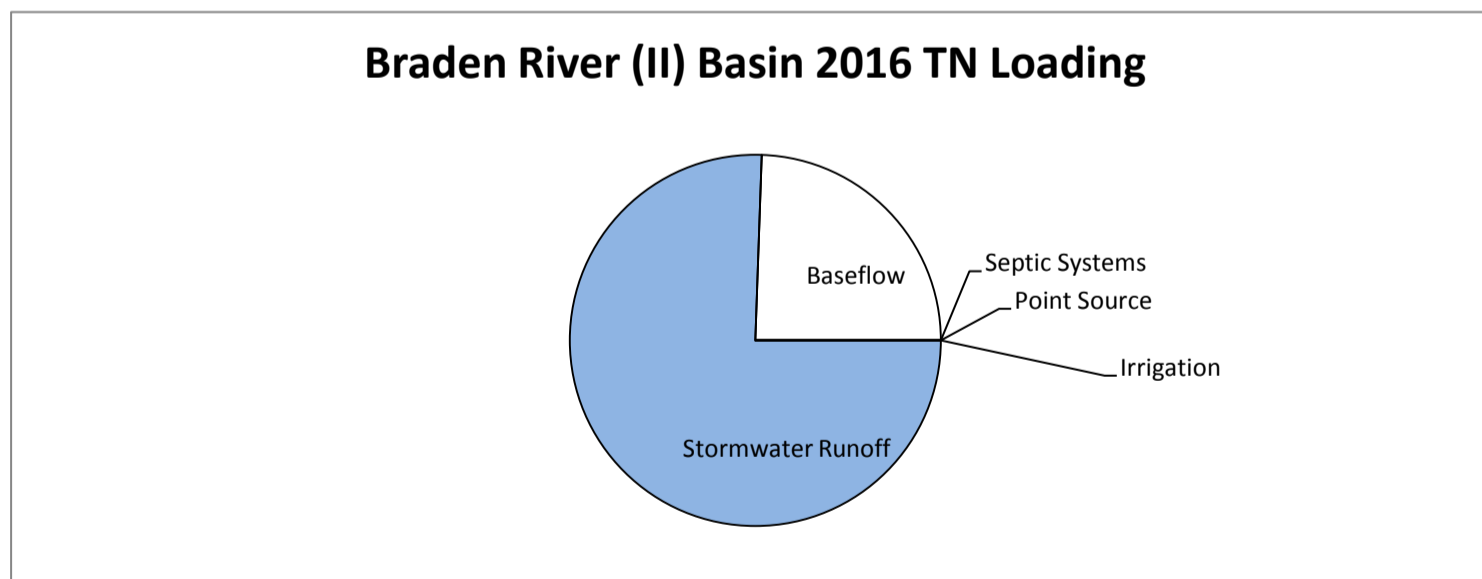
		Total Nitrogen		
Pollutant Loading Trend		Decrease	-83%	2001 to 2016
Components of the Trend	Stormwater Runoff	No Change	0%	2001 to 2016
	Baseflow	No Change	0%	2001 to 2016
	Septic Systems	Decrease	-100%	2001 to 2016
	Point Source		Cannot calculate	2001 to 2016
	Irrigation	Increase	11365%	2001 to 2016
	Atmospheric Deposition	Not Modeled		2001 to 2016

Year	Total	Runoff	Baseflow	Septic	Point Source	Irrigation	Atmospheric
2001	4.95	0.64	0.21	2.52	0.00	0.00	0.00
2006	0.85	0.64	0.21	0.00	0.00	0.00	0.00
2011	0.85	0.64	0.21	0.00	0.00	0.00	0.00
2016	0.85	0.64	0.21	0.00	0.00	0.00	0.00

Units are pounds per year and modeled using a typical rainfall year.
 Jones Edmunds and Associates conducted this modeling for Sarasota County in 2017.
 Modeling was conducted only for the parts of basins located within Sarasota County.
 Pollutant loading from Atmospheric Deposition (wet and dry) was conducted only for bays.

Section 2
Braden River (II)

		Total Nitrogen
2016 Pollutant loading is influenced by some sources more than others		
Stormwater Runoff		76%
Baseflow		24%
Septic Systems		0%
Point Source		0%
Irrigation		0%
Atmospheric Deposition		Not Modeled



Section 3

Braden River (II)

Total Nitrogen

2016 Pollutant loading to the Braden River Watershed has more than one source

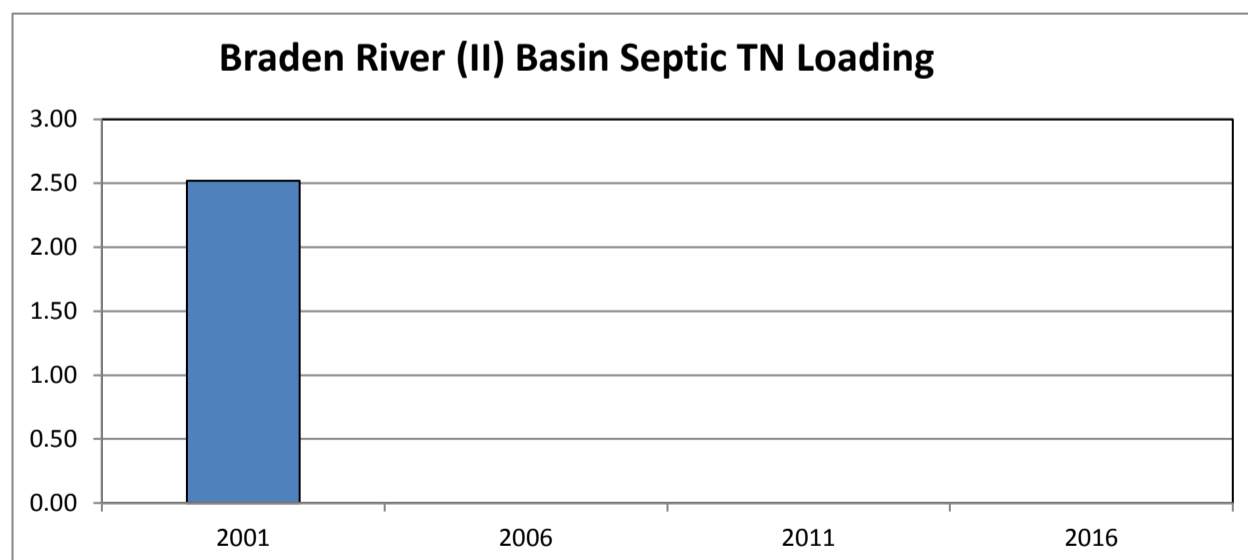
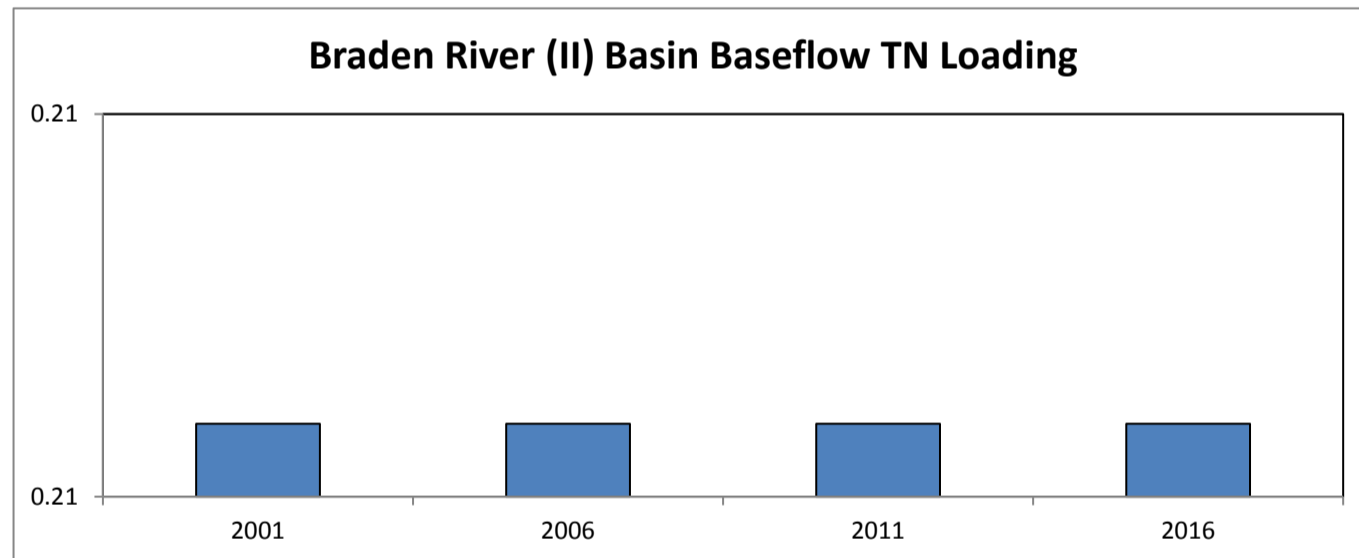
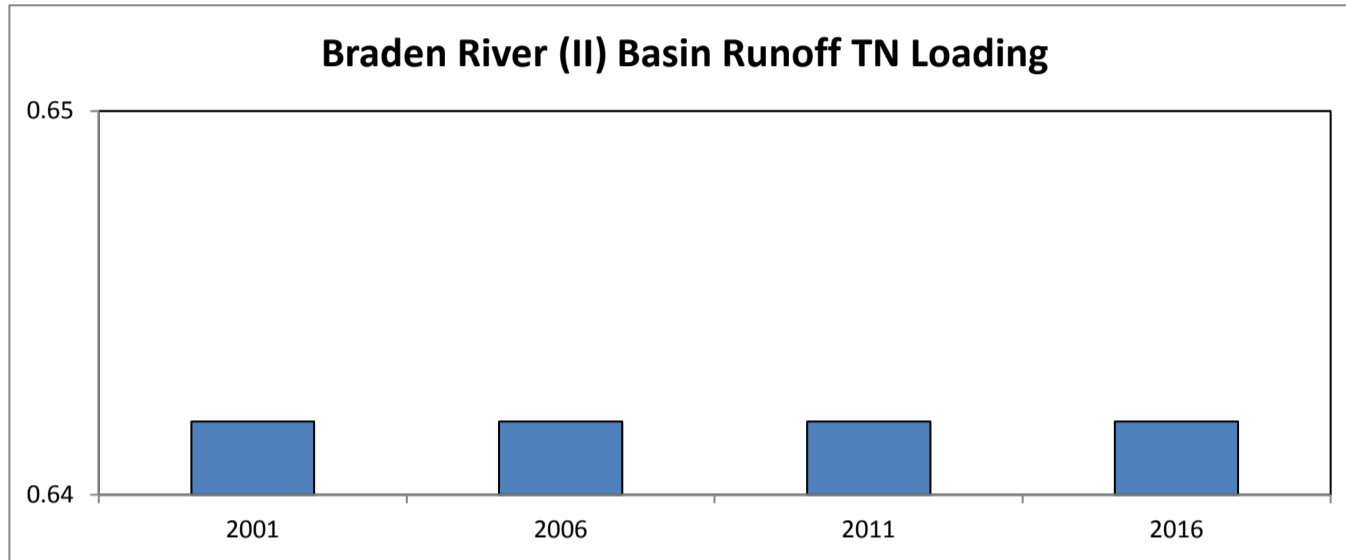
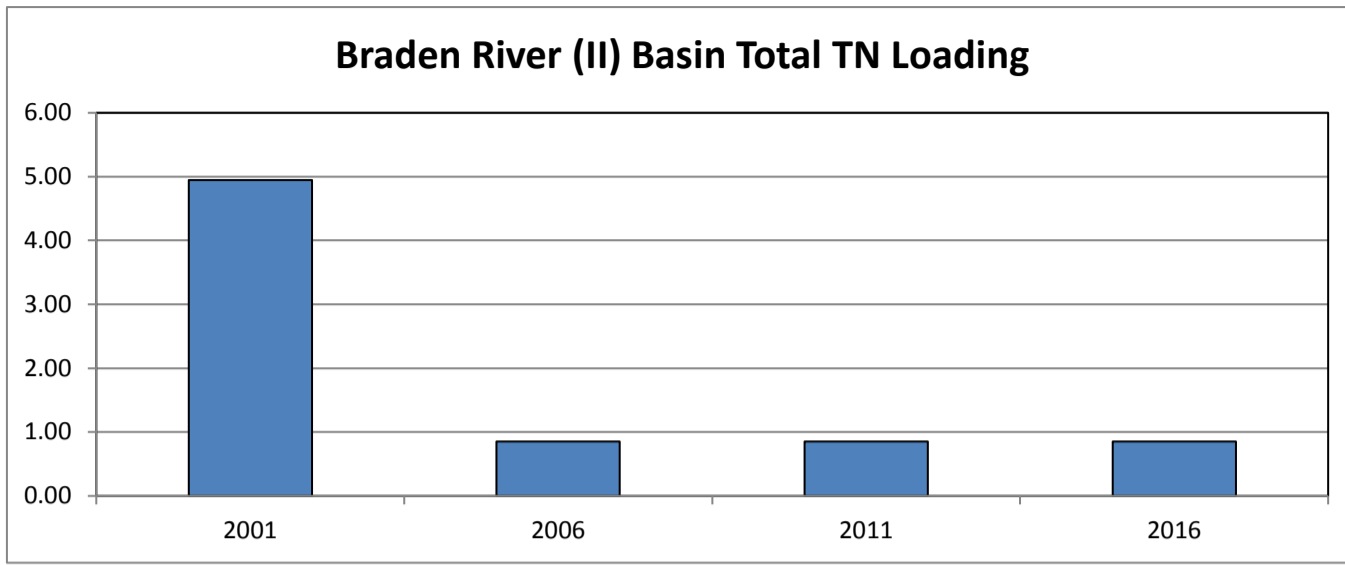
Proportion of loading is **Low** when % load is compared to % acreage.
Braden River (II) acreage is 0% and % loading is 0%

Braden River is a part of the **Braden River Watershed**

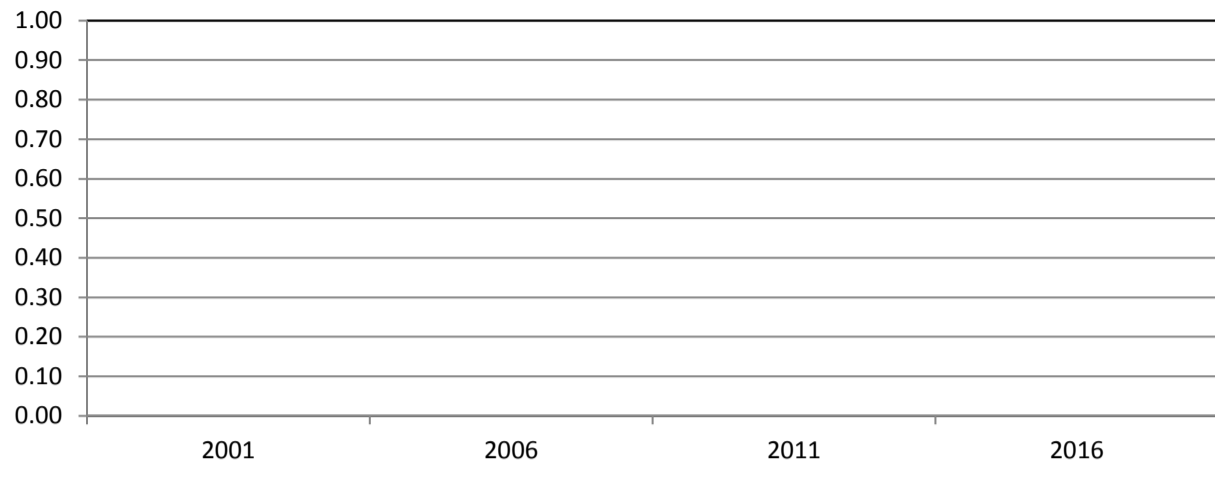
	Pounds TN 2016	Acreage
Braden River Watershed	30,559	6,035

The following basins contribute to the loading to the Braden River Watershed

	Pounds TN 2016	% of Watershed Load	Acreage	% of Braden River Watershed
Braden River	132	0%	312	5%
Braden River II	1	0%	21	0%
Cooper Creek	30,426	100%	5,702	94%



Braden River (II) Basin Point Source TN Loading



Braden River (II) Basin Irrigation TN Loading

