

Bradford County Forest Buffer Summary

35 ft. Width

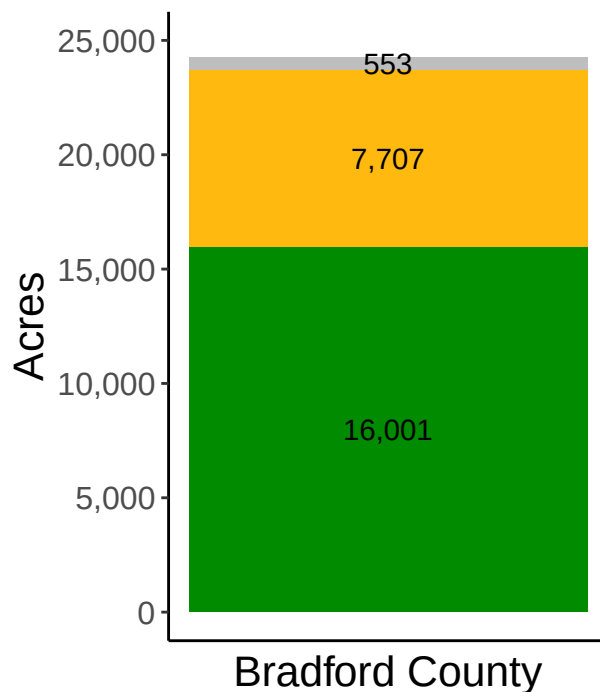
Created by: Chesapeake Conservancy, February 2019

Data Description

The buffer analysis is based on two Geospatial Information Systems (GIS) datasets created by Chesapeake Conservancy and partners. The enhanced flow path water network dataset was derived from 2006 & 2008 PAMAP Statewide digital elevation models (DEMs), developed from Lidar data. Channel heads were assigned where upslope drainage accumulation reached 60 acres. Flow paths were widened based on US Geological Survey regional curves and enhanced with high-resolution land cover. The high-resolution land cover dataset was derived from 2013 National Agriculture Inventory Program imagery. Both datasets have a spatial resolution of 1 meter. Pixels from the high-resolution land cover dataset within 35 ft. and 100 ft. distances of the enhanced flow path water network were considered in the buffer analysis. For more information and to download datasets, go to www.ChesapeakeConservancy.org and search for “data downloader.”

County Summary

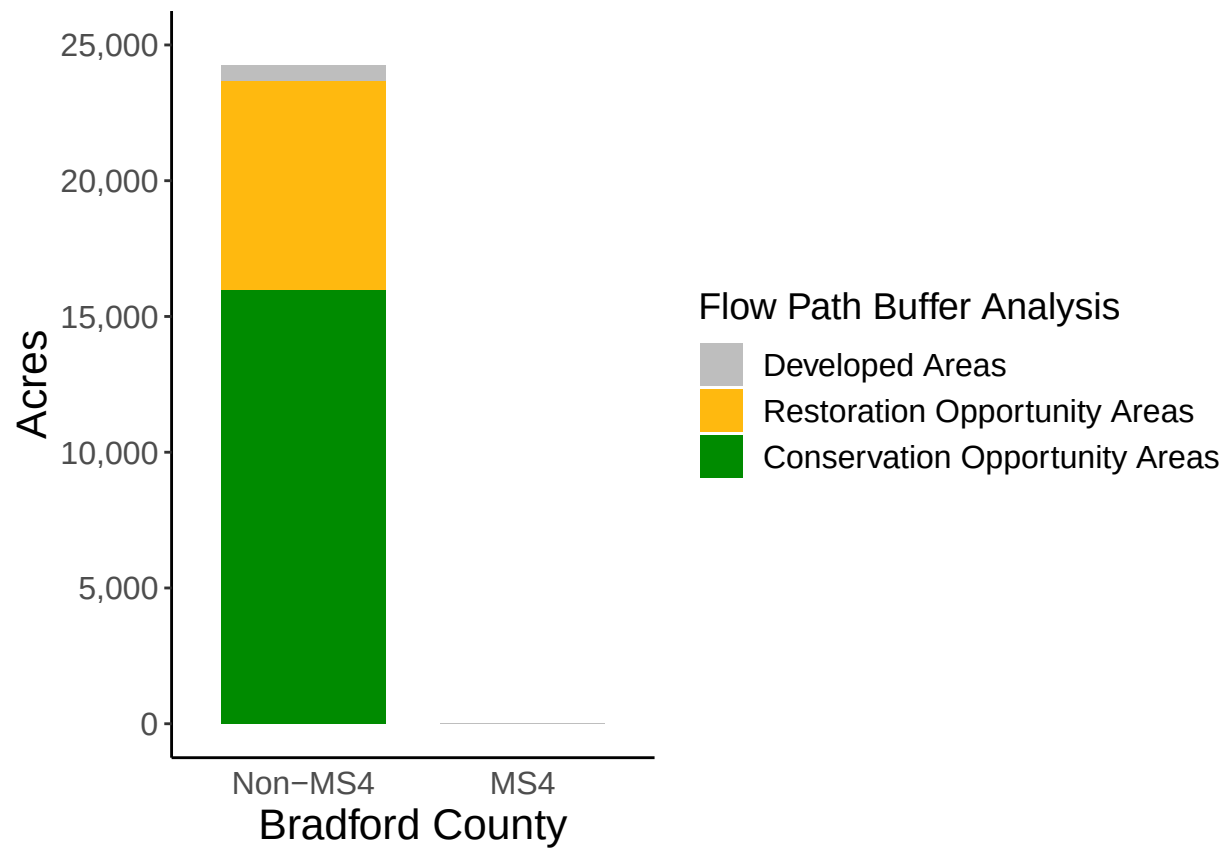
Bradford County contains a total of 7,707 acres of flow path restoration opportunity area, and has 65.95% forest buffer coverage. Bradford County has complete buffer data coverage.



Buffer classes	Land cover classes
Developed flow path areas	Structures
	Impervious surfaces
	Impervious roads
	Tree canopy over structures
	Tree canopy over impervious surfaces
Flow path restoration opportunity areas	Tree canopy over impervious roads
	Wetlands
	Low vegetation
Flow path conservation opportunity areas	Barren
	Tree canopy
	Shrubland

Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

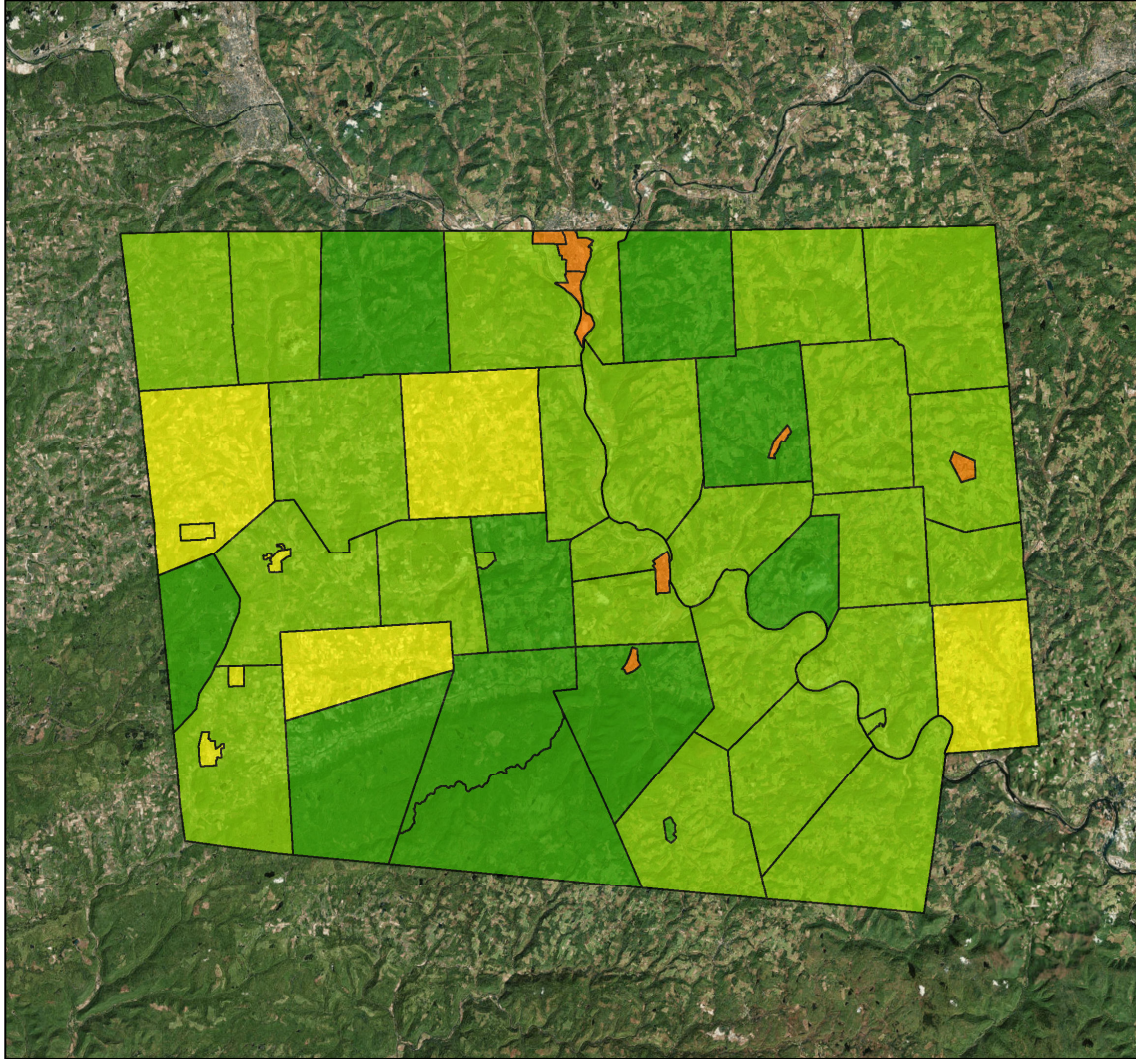
Totals by Municipalities



Bradford County does not contain any MS4 Municipalities.

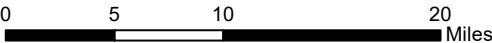
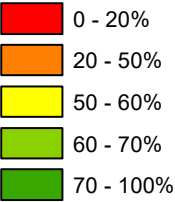
Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	314	0
Restoration Opportunity Areas (Acres)	151	0
Developed Areas (Acres)	11	0
Total Buffer Acres	476	0
Percent Forest Buffer Coverage (%)	61.38	0.00



Bradford County Municipalities

35' Buffer Coverage (%)



Municipality	MS4	Total 35 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
ALBA	0	23	14	8	1	59.04
ALBANY	0	696	469	215	11	67.48
ARMENIA	0	305	240	61	5	78.57
ASYLUM	0	578	372	195	11	64.33
ATHENS	0	1,039	699	315	25	67.26
ATHENS	0	51	19	25	8	36.17
BURLINGTON	0	529	378	144	6	71.47
BURLINGTON	0	22	14	8	0	64.10
CANTON	0	836	516	298	21	61.76
CANTON	0	54	30	18	7	54.35
COLUMBIA	0	813	454	335	23	55.89
FRANKLIN	0	763	571	182	11	74.79
GRANVILLE	0	508	305	193	11	59.94
HERRICK	0	471	286	180	5	60.72
LE RAYSVILLE	0	24	11	13	1	44.58
LEROY	0	981	727	240	14	74.11
LITCHFIELD	0	576	421	148	6	73.24
MONROE	0	699	547	138	13	78.32
MONROE	0	19	8	9	2	41.69
NEW ALBANY	0	15	11	3	1	73.84
NORTH TOWANDA	0	257	159	91	8	61.62
ORWELL	0	658	416	229	14	63.11
OVERTON	0	802	701	96	5	87.41
PIKE	0	557	336	212	8	60.34
RIDGEBURY	0	758	563	182	13	74.23
ROME	0	604	430	159	15	71.22
ROME	0	20	8	11	2	38.59
SAYRE	0	59	20	18	21	33.43
SHESEQUIN	0	792	507	271	13	64.07
SMITHFIELD	0	881	475	391	15	53.91
SOUTH CREEK	0	550	370	164	16	67.27
SOUTH WAVERLY	0	13	4	7	1	34.29
SPRINGFIELD	0	782	470	298	14	60.05
STANDING STONE	0	401	285	100	16	71.19
STEVENS	0	368	245	119	5	66.41

(continued)

Municipality	MS4	Total 35 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
SYLVANIA	0	32	18	13	1	56.60
TERRY	0	718	441	263	14	61.47
TOWANDA	0	362	227	123	12	62.87
TOWANDA	0	23	6	7	10	27.67
TROY	0	752	470	256	25	62.53
TROY	0	28	15	7	6	53.79
TUSCARORA	0	635	372	248	15	58.60
ULSTER	0	412	254	148	10	61.59
WARREN	0	837	573	251	14	68.42
WELLS	0	631	403	217	11	63.81
WEST BURLINGTON	0	500	315	176	10	62.93
WILMOT	0	922	576	330	16	62.44
WINDHAM	0	616	402	204	10	65.28
WYALUSING	0	677	462	190	25	68.24
WYALUSING	0	25	15	8	1	61.97
WYSOX	0	590	375	193	23	63.49

*

Non-MS4 Regulated Municipalities

