

Chesapeake Bay Watershed

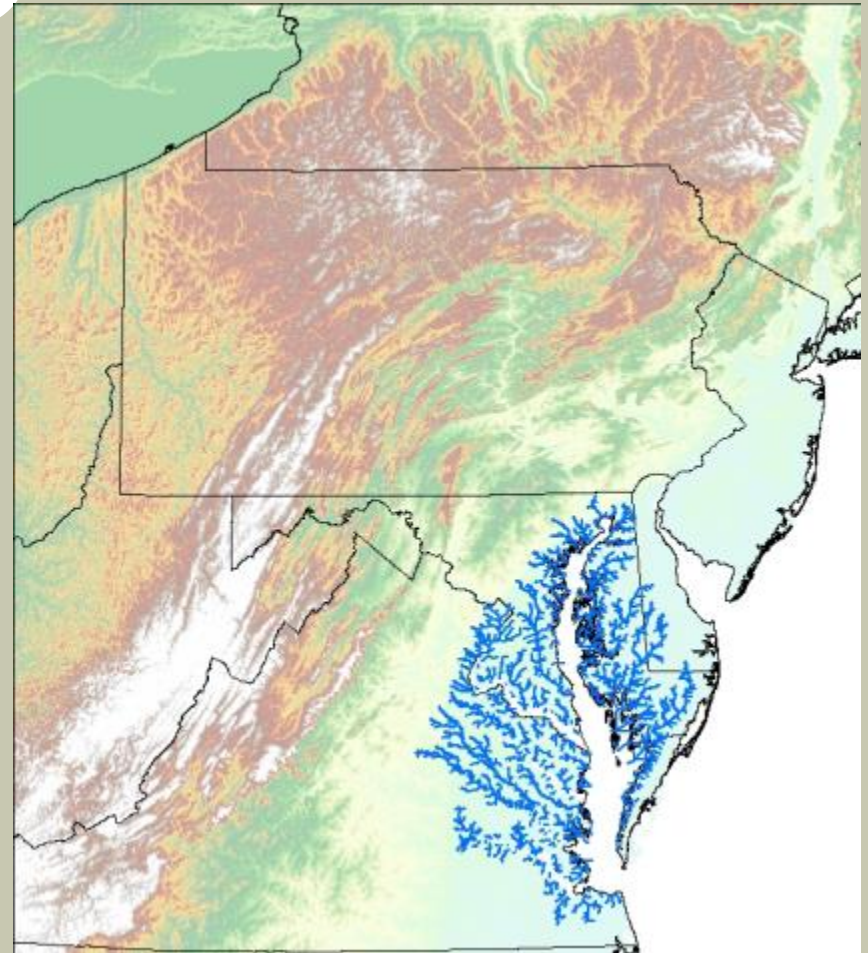


**FISH PASSAGE & DAM REMOVAL PROJECTS
1989-2015**

Pre-1989

- Rivers with connectivity to the Bay*

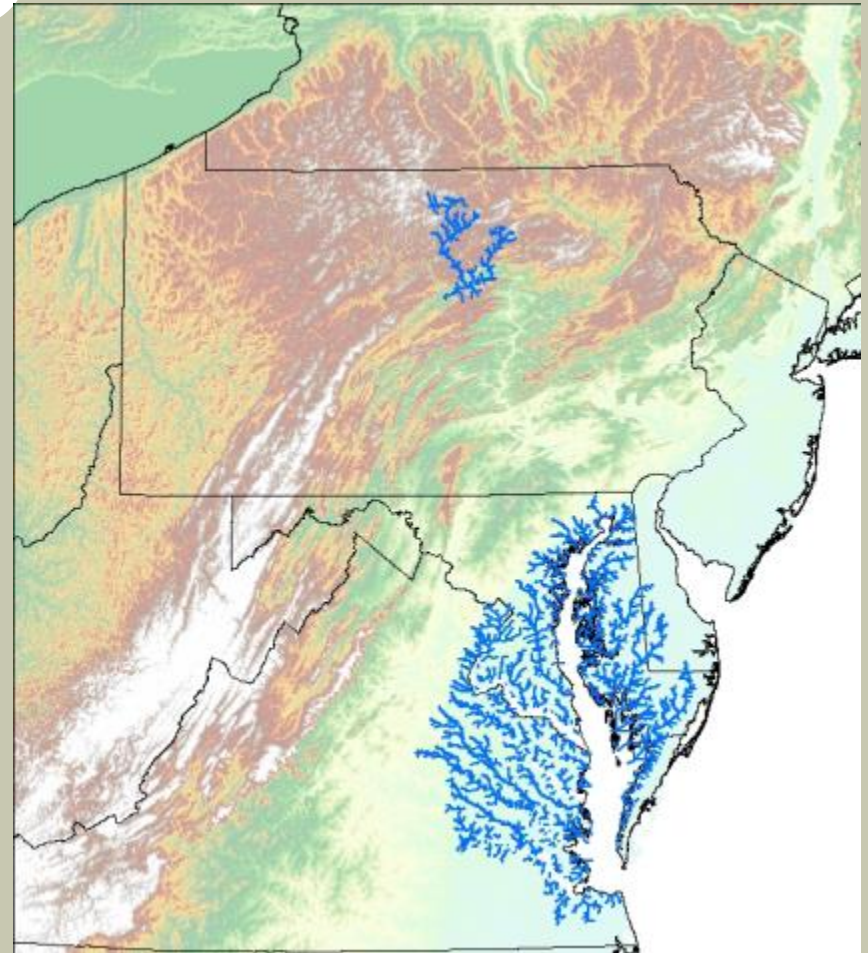
*For clarity, only rivers draining $>10 \text{ km}^2$ are depicted in these maps. Mileage values include all size rivers



1989



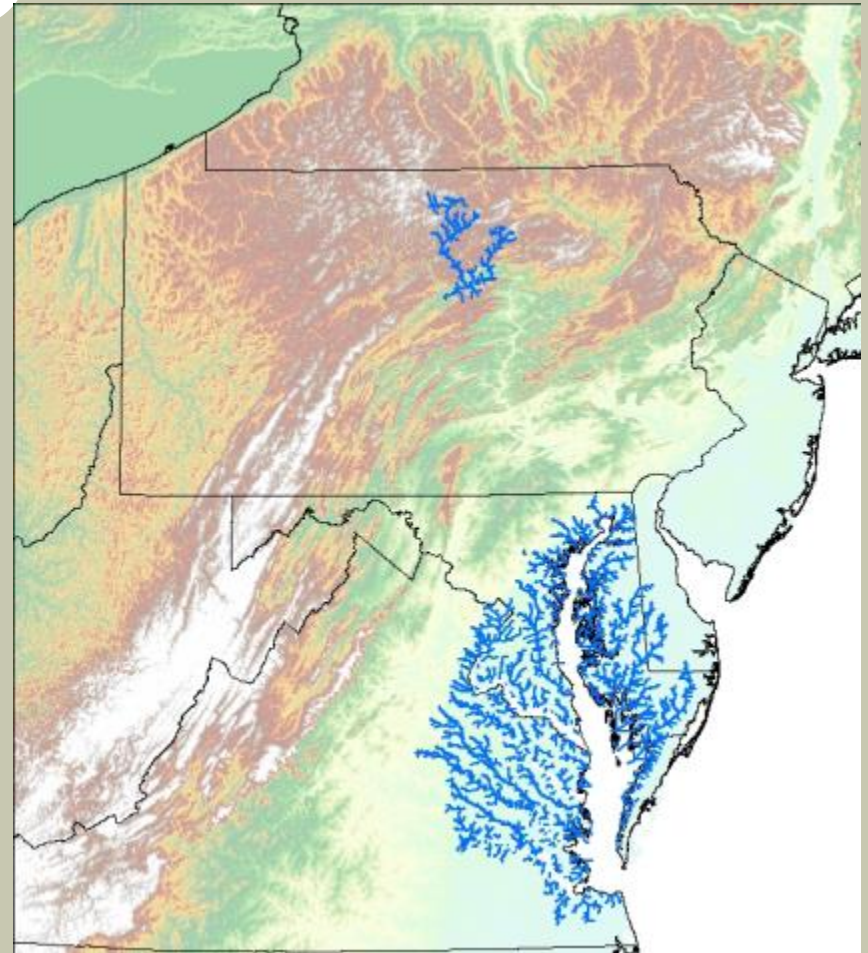
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	ANTHONY J. CIMINI	WEST BRANCH SUSQUEHANNA RIVER	1829.07
VA	BROWN'S ISLAND DAM	JAMES RIVER	0.84
MD	DEEP RUN DAM	DEEP RUN	54.62
VA	HARRISON LAKE	HERRING CREEK	54.60
VA	HOLLYWOOD POWER PLANT DAM	JAMES RIVER	24.47
VA	WALKERS DAM	CHICKAHOMINY RIVER	508.65
			2472.24



1990



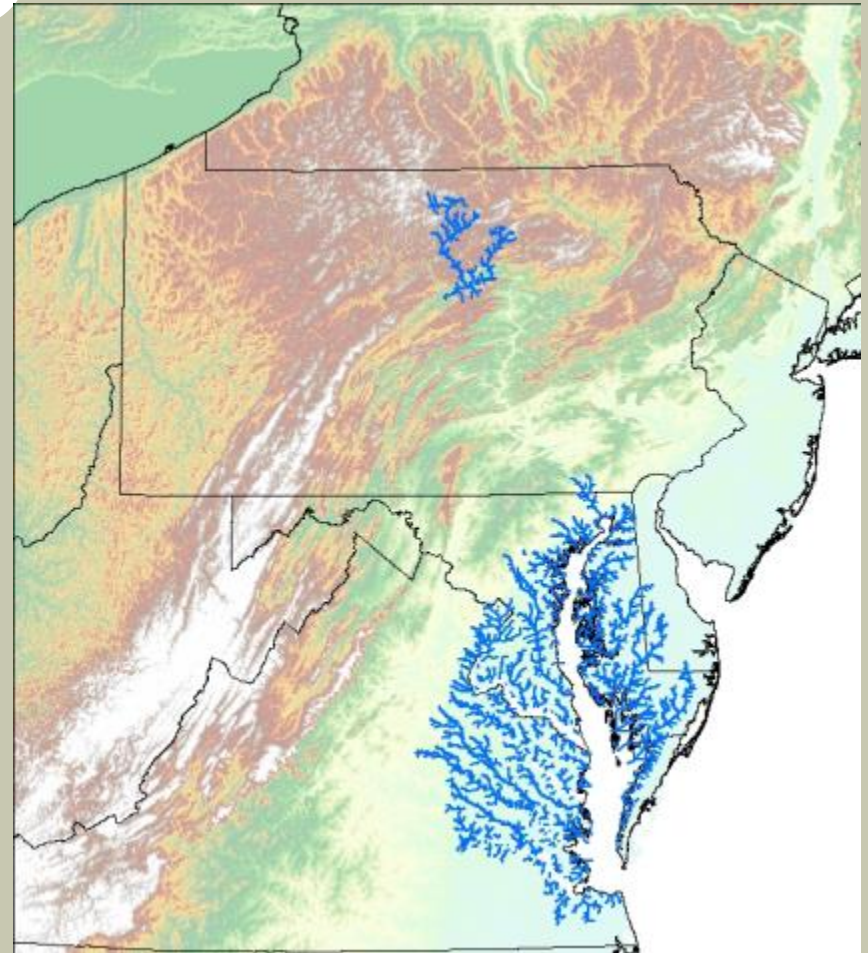
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	NE BR DAM	NORTHEAST BR	24.47
MD	STONY RUN DAM	STONY RUN	25.16
MD	Union Dam	Patapsco River	28.88
MD	VAN BIBBER DAM	WINTER RUN	6.84
			85.36



1991



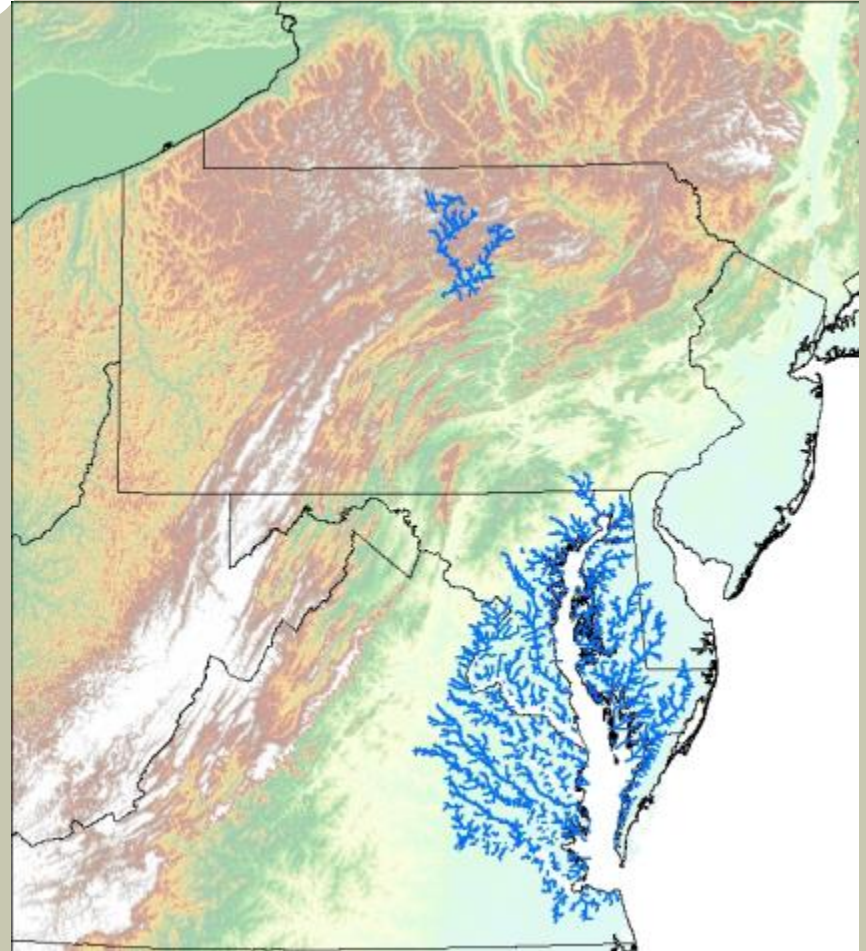
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	CONOWINGO DAM	SUSQUEHANNA RIVER	177.67
NY	FORD #3	ROCK CK	2.23
MD	FT MEADE DAM	LTL PATUXENT R	204.29
			384.19



1992



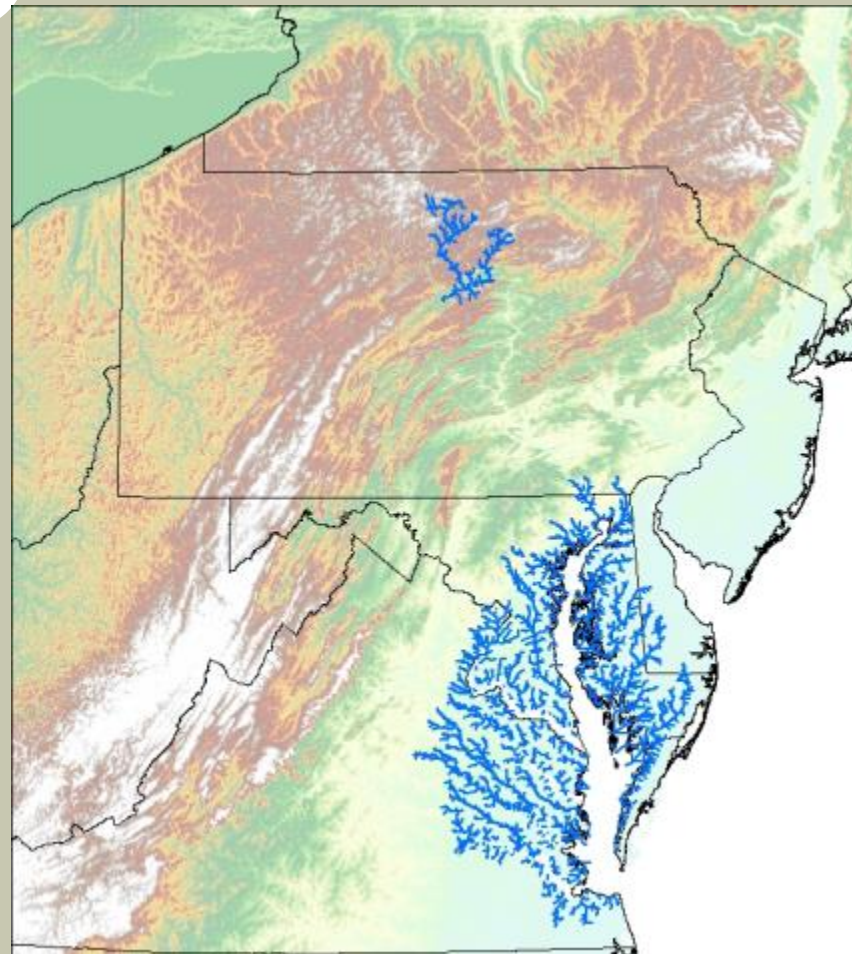
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	NE DAM	NORTHEAST CK	0.58
MD	RR BRIDGE AT ELKTON	LITTLE ELK CK	12.94
			13.53



1993



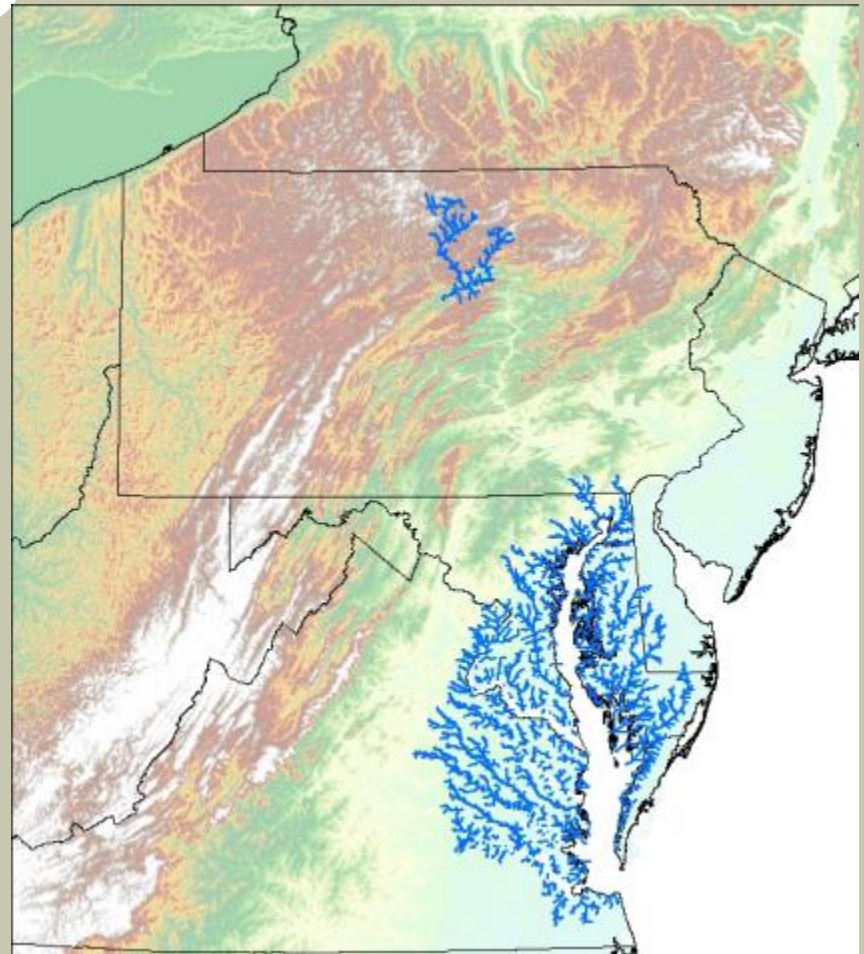
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	BLOEDE DAM	Patapsco River	0.78
MD	DANIELS DAM	Patapsco River	65.04
MD	ELKTON DAM	BIG ELK CK	118.88
MD	LAKE WATERFORD DAM	Magothy River	9.97
MD	TUCKAHOE STATE PARK DAM	Tuckahoe Creek	225.70
VA	Williams Island Z-DAM	JAMES RIVER	12.67
			433.04



1994



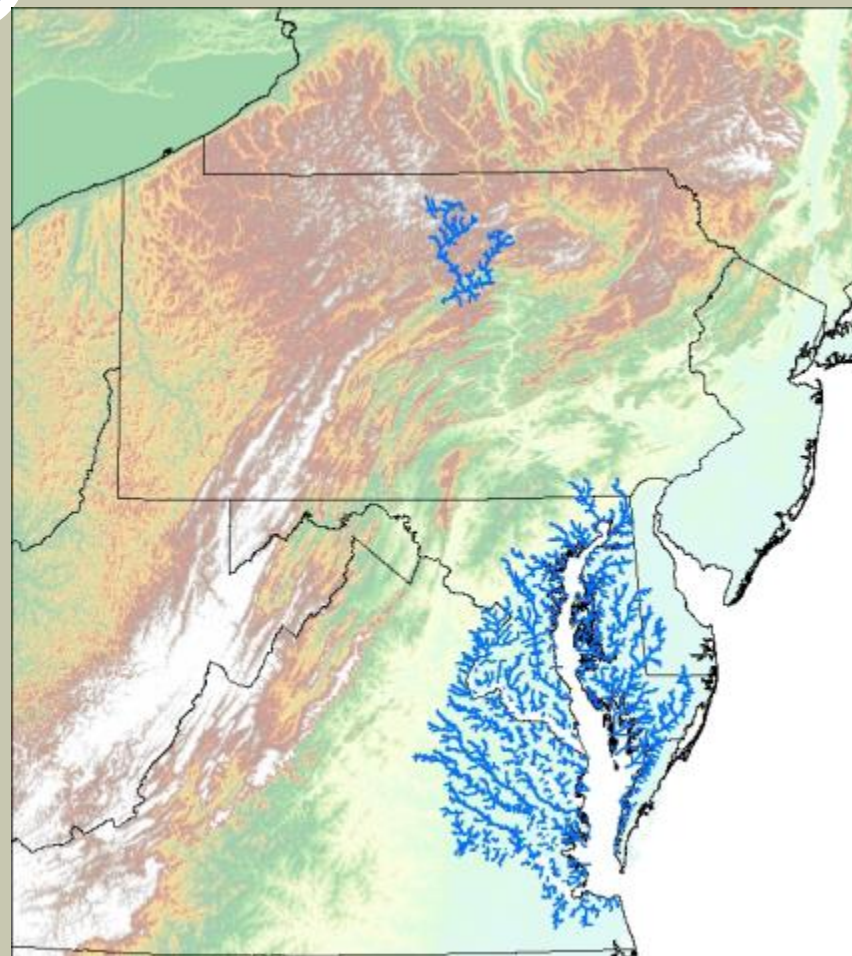
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	DORSEY RUN	DORSEY RUN	29.06
MD	38 ST DAM	NORTHWEST BR	3.56
MD	CSX RAILROAD CULVERT	DORSEY RUN	0.17
MD	RT 214 DAM	WESTERN BR	26.81
NY	ABANDONED WEIR	ROCK CK	1.48
			61.07



1995



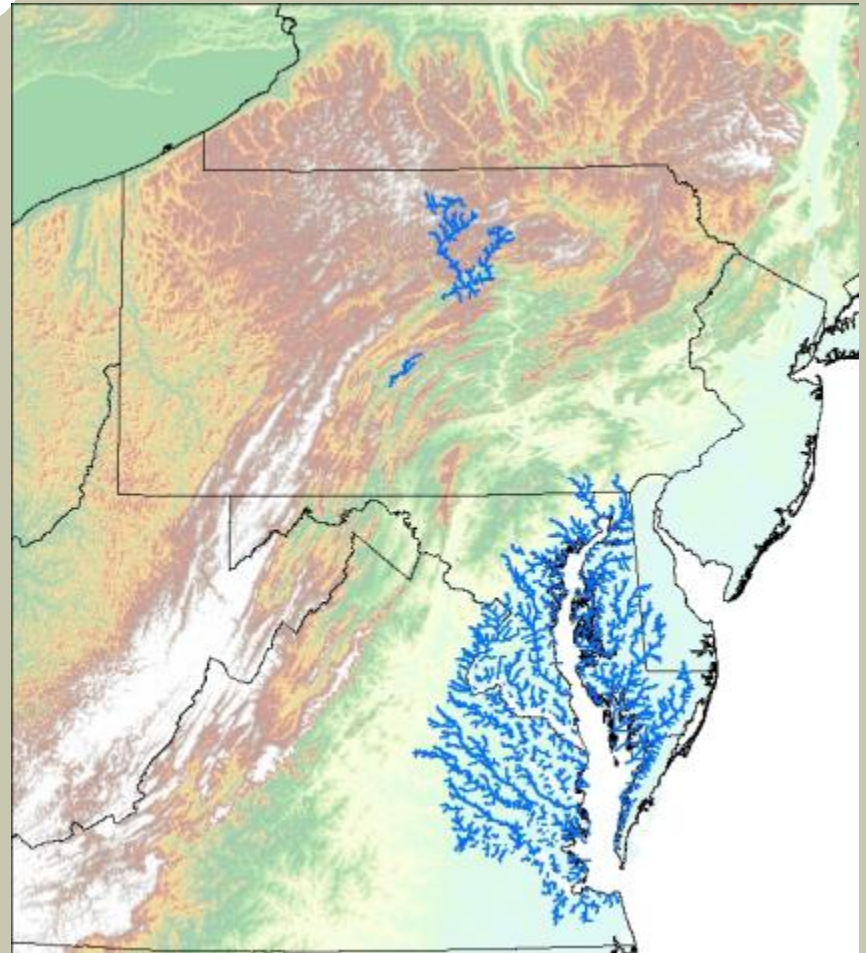
STATE	Dam Name	Waterbody	Upstream Miles Opened
VA	CHANDLERS MILL DAM	CHANDLERS RUN	29.23
MD	HORSEPEN BR DAM	HORSEPEN BR	12.89
NY	METRO DAM	ROCK CK	0.16
MD	PAINT BR DAM #1	PAINT BR	11.93
			54.22



1996



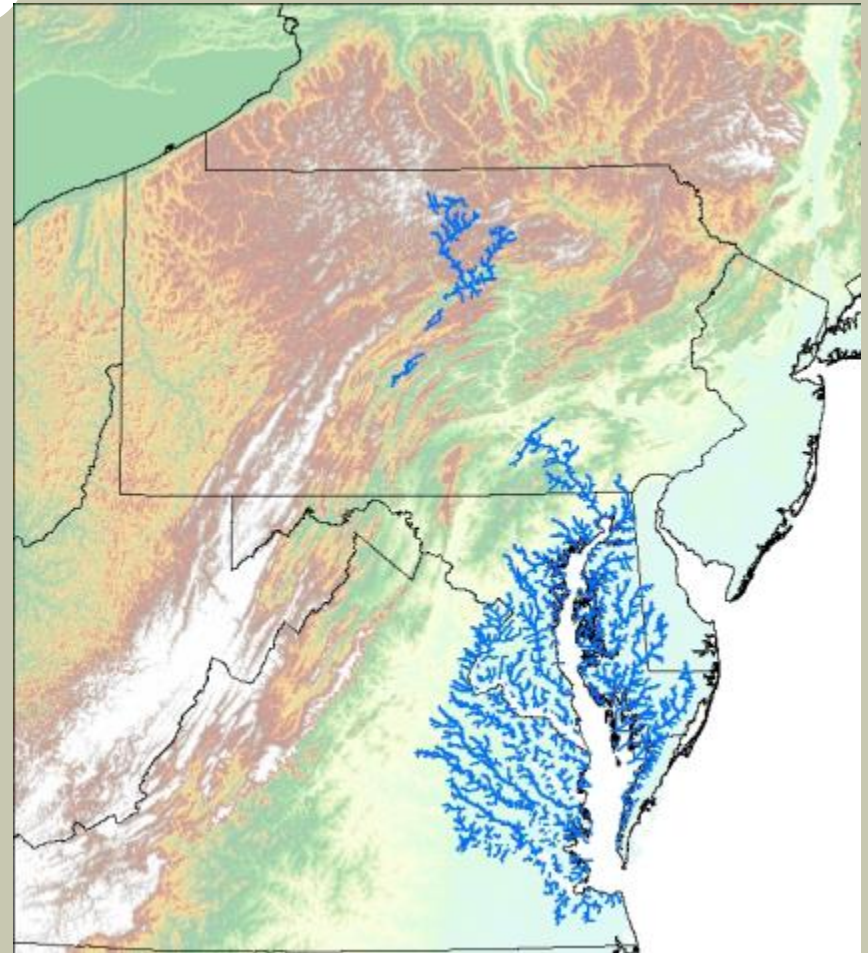
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	CREEK	STANDING STONE CREEK	197.77
MD	UNICORN BRANCH DAM	Unicorn Branch	39.31
			237.08



1997



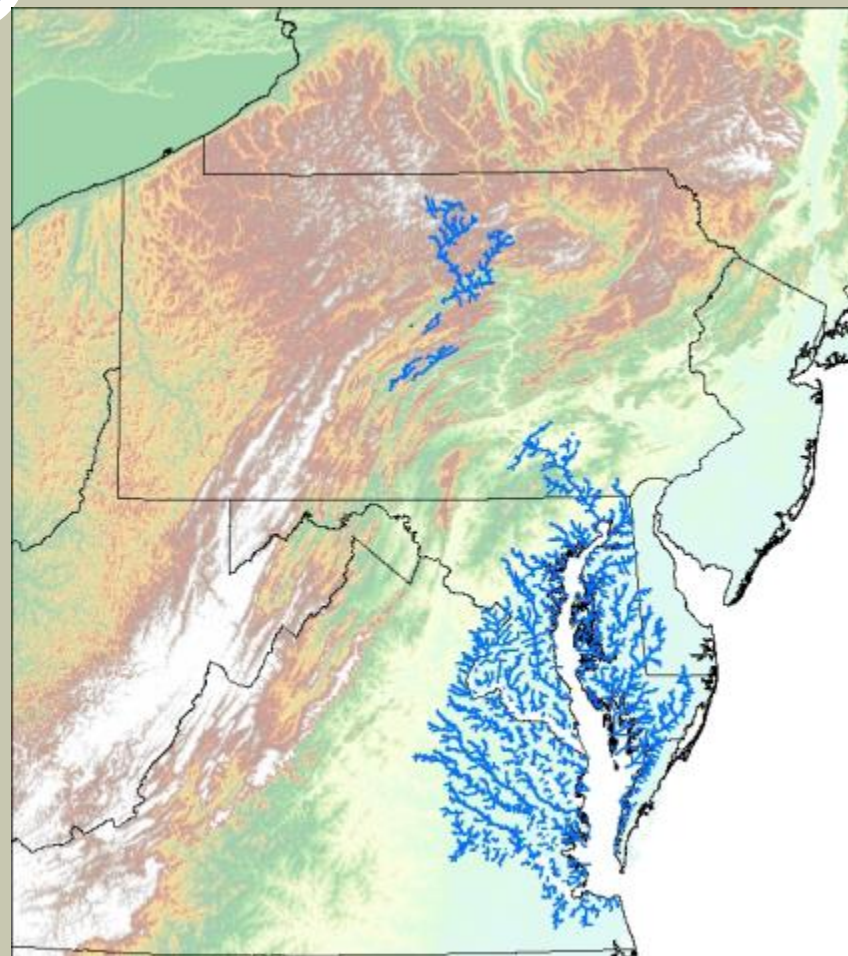
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	FISHING CREEK (CLINTON)	FISHING CREEK (CLINTON)	57.51
PA	CASTLE FIN DAM	MUDDY CREEK	231.90
PA	HOLTWOOD	SUSQUEHANNA RIVER	95.46
PA	LANCASTER TWP. DAM	LITTLE CONESTOGA	27.47
PA	ROCKHILL DAM	CONESTOGA	27.84
PA	SAFE HARBOR	SUSQUEHANNA RIVER	502.07
MD	SIMKINS INDUSTRY DAM	Patapsco River	22.88
			965.14



1998



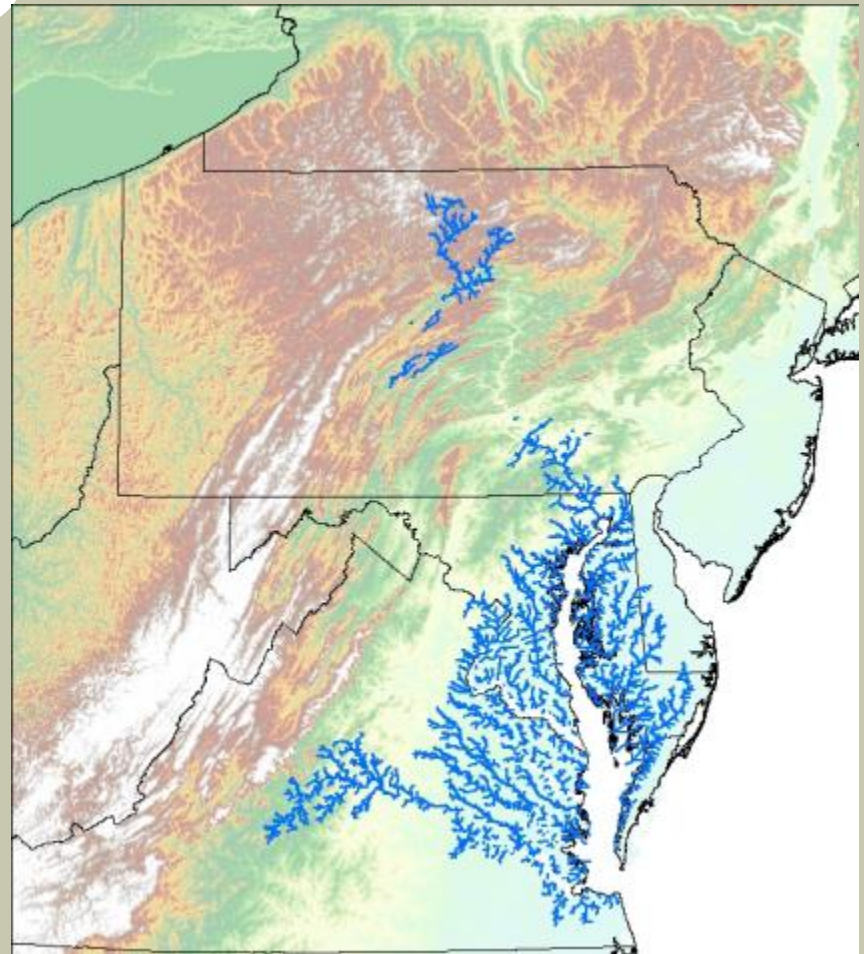
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	LITTLE CONESTOGA	LITTLE CONESTOGA	15.70
PA	KISHACOQUILLAS CREEK	KISHACOQUILLAS CREEK	203.71
PA	LAUREL CREEK	LAUREL CREEK	1.76
MD	WESTERN BR	WESTERN BR	14.03
MD	HUNTING CK	HUNTING CK	32.66
MD	ST LEONARD CK	ST LEONARD CK	17.32
MD	MATTAWOMAN CK	MATTAWOMAN CK	96.36
MD	OCTORARO CK	OCTORARO CK	58.43
PA	LITITZ RUN	LITITZ RUN	6.75
PA	AMERICAN PAPER PROD. DAM	CONESTOGA	17.60
VA	BATTERSEA DAM	APPOMATTOX RIVER	36.87
MD	CYPRESS MILL POND	Cypress Branch	40.08
VA	HARVELL DAM	APPOMATTOX RIVER	0.49
PA	MILESBURG POWER STATION	SPRING CREEK	0.67
PA	MILLPORT CONSERVANCY DAM	LITITZ RUN	0.14
PA	POTTSGROVE DETENTION WEIR	KETTLE CREEK	1.79
MD	WAUGH CHAPEL RD	TOWSERS BR	8.54
			552.89



1999



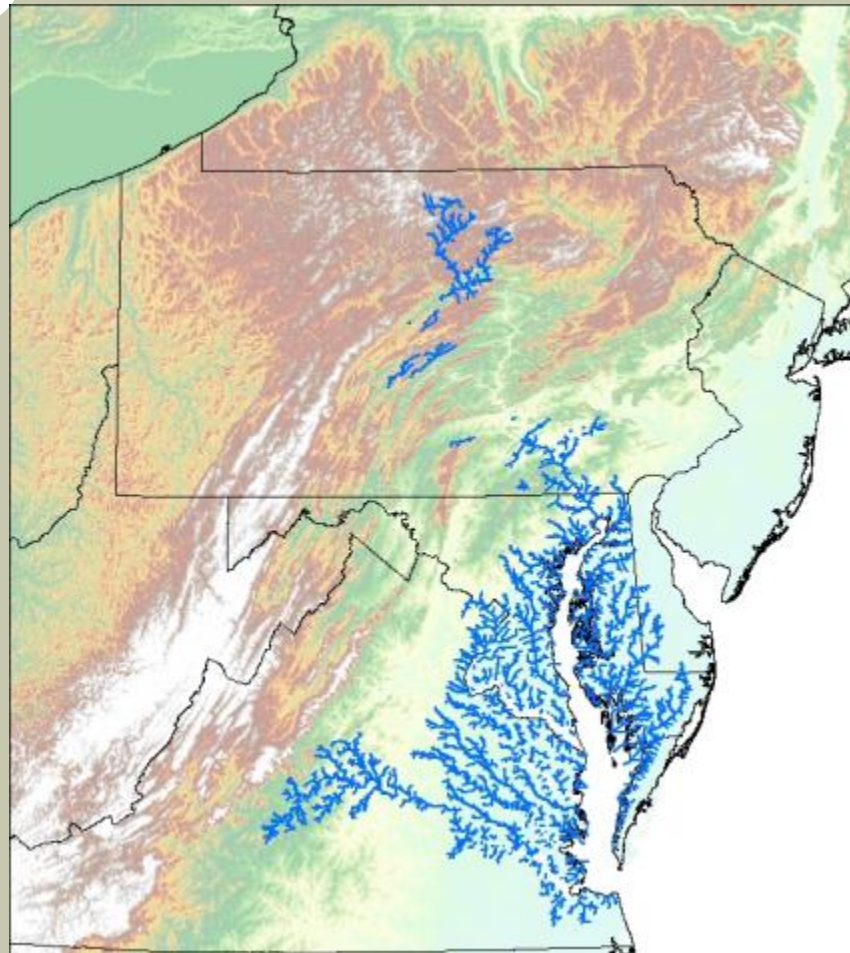
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	SPRING CREEK	SPRING CREEK	11.50
MD	8TH AVE DAM	SAWMILL CK	15.89
VA	BOSHER DAM	JAMES RIVER	4698.26
PA	CONESTOGA RIVER	CONESTOGA RIVER	3.36
PA	HELLBURG'S DAM	CONESTOGA	10.01
MD	LITTLE FALLS DAM - POTOMAC RIVER	Potomac River	167.49
MD	WILSONS MILL DAM	DEER CK	165.58
			5072.10



2000



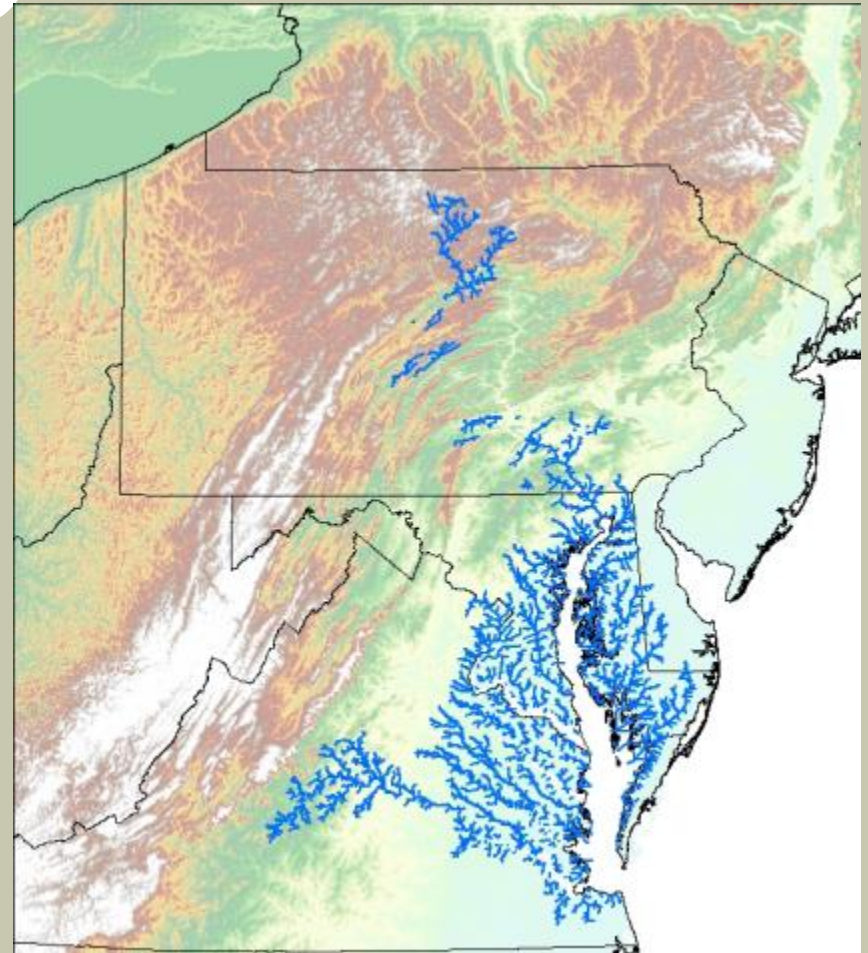
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	CODORUS CREEK S. BRANCH	CODORUS CREEK S. BRANCH	63.85
PA	EDRIS	YELLOW BREECHES CREEK	67.66
PA	HENRY EBY DAM	CONESTOGA	73.86
MD	LAKE BONNIE	Broadway Branch	31.09
PA	MARTINS DAM	COCALICO CREEK	2.34
			238.80



2001



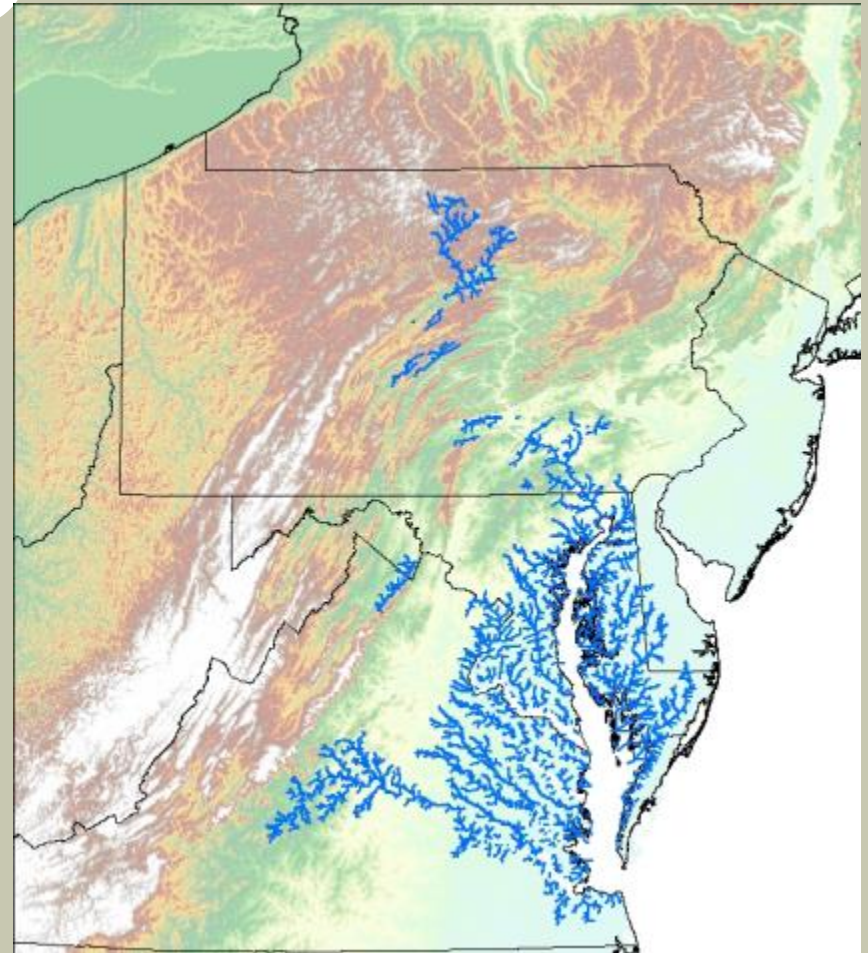
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	HAMMER CREEK	HAMMER CREEK	0.94
PA	HAMMER CREEK	HAMMER CREEK	40.30
PA	CARLISLE RAW WATER INTAKE	CONODOGUINET CREEK	65.08
PA	GOOD HOPE DAM	CONODIGUINET CREEK	97.03
PA	REXMONT NO. 1	WEST BRANCH HAMMER CREEK	1.91
			205.26



2002



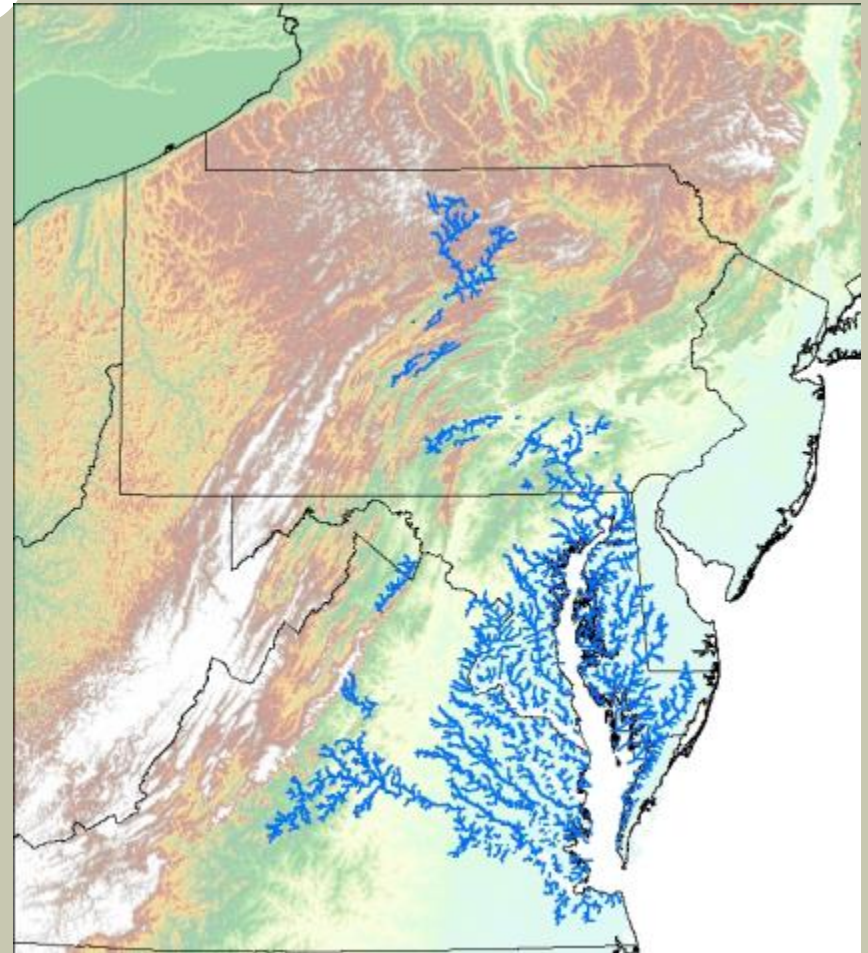
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	DEEP HOLLOW	DEEP HOLLOW RUN	0.91
MD	FORGE BRANCH DAM	FORGE BR	49.98
WV	Millville Dam	Shenandoah River	442.84
PA	OLD WITHERS	LITITZ RUN	6.38
PA	REXMONT NO. 2	WEST BRANCH HAMMER CREEK	0.83
			500.95



2003



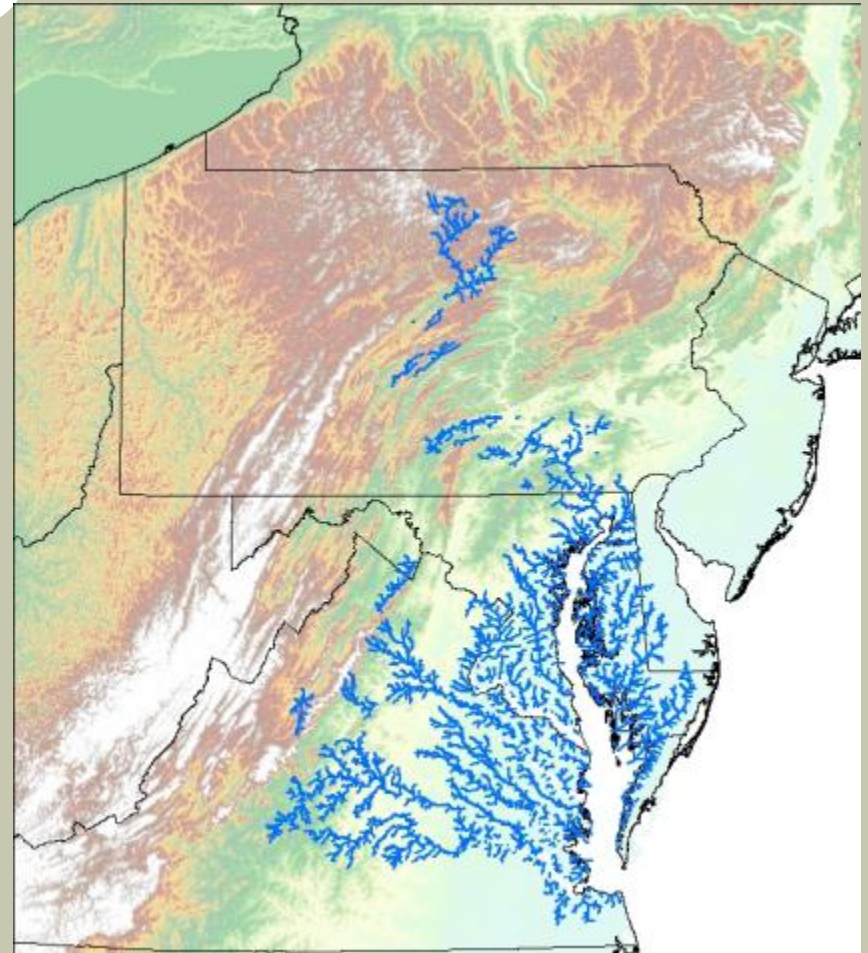
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	MILL CREEK	MILL CREEK	15.13
VA	ABUTMENT DAM	APPOMATTOX RIVER	9.99
PA	BLACK DAM	CONODOQUINET CREEK	393.16
PA	CATAWISSA BOROUGH	CATAWISSA CREEK	3.96
MD	POWELLVILLE DAM	Adkins Race	29.59
VA	TOWN OF ORANGE DAM	Rapidan River	520.49
PA	UNNAMED	ESHLEMAN RUN	15.58
			987.90



2004



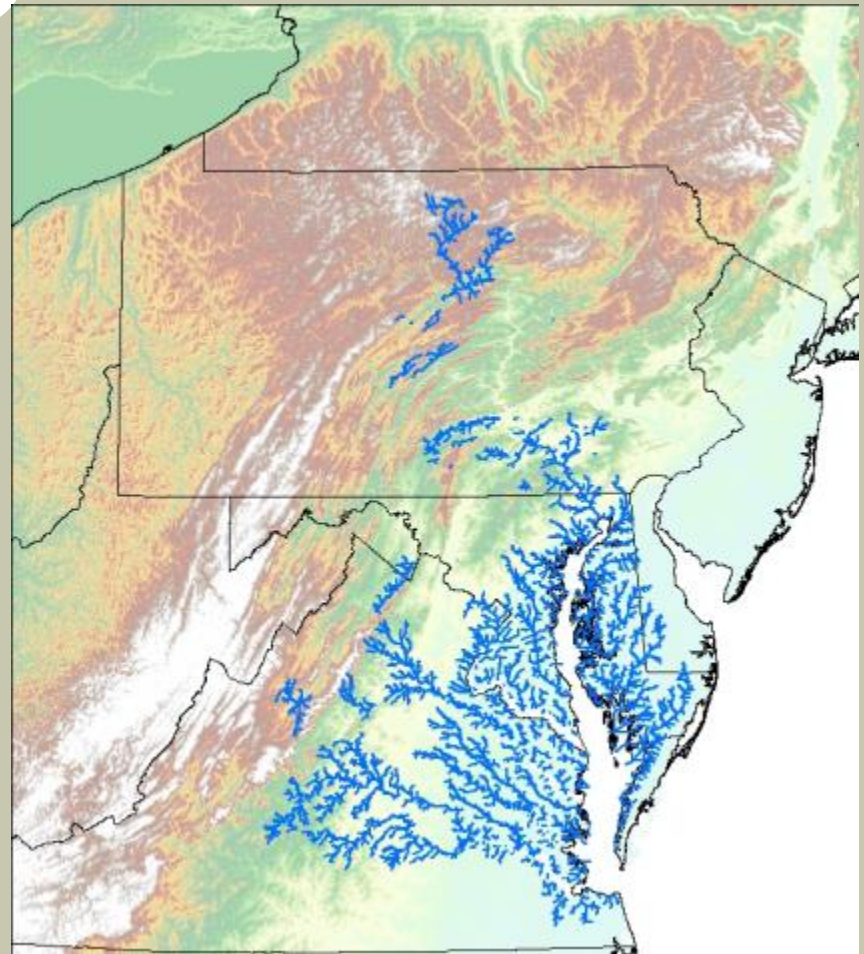
STATE	Dam Name	Waterbody	Upstream Miles Opened
VA	BRASFIELD (APPOMATTOX)	APPOMATTOX	2956.68
MD	CW031	SWAN CK	24.57
PA	DETTERS MILL DAM	CONEWAGO CREEK	212.98
VA	EMBREY DAM	RAPPAHANNOCK RIVER	2246.61
DC	FORD #2	ROCK CK	0.80
PA	HEISHMANS MILL	CONODOGUINET CREEK	46.93
MD	JONES LAKE DAM	Andover Sewell Branch	118.10
VA	KNIGHTLY DAM	MIDDLE RIVER	19.90
VA	MCGAHEYSVILLE DAM	SOUTH FORK SHENANDOAH RIVER	415.01
PA	POPLAR CREEK	POPLAR CREEK	0.44
DC	ZOO	ROCK CK	1.18
			6043.21



2005



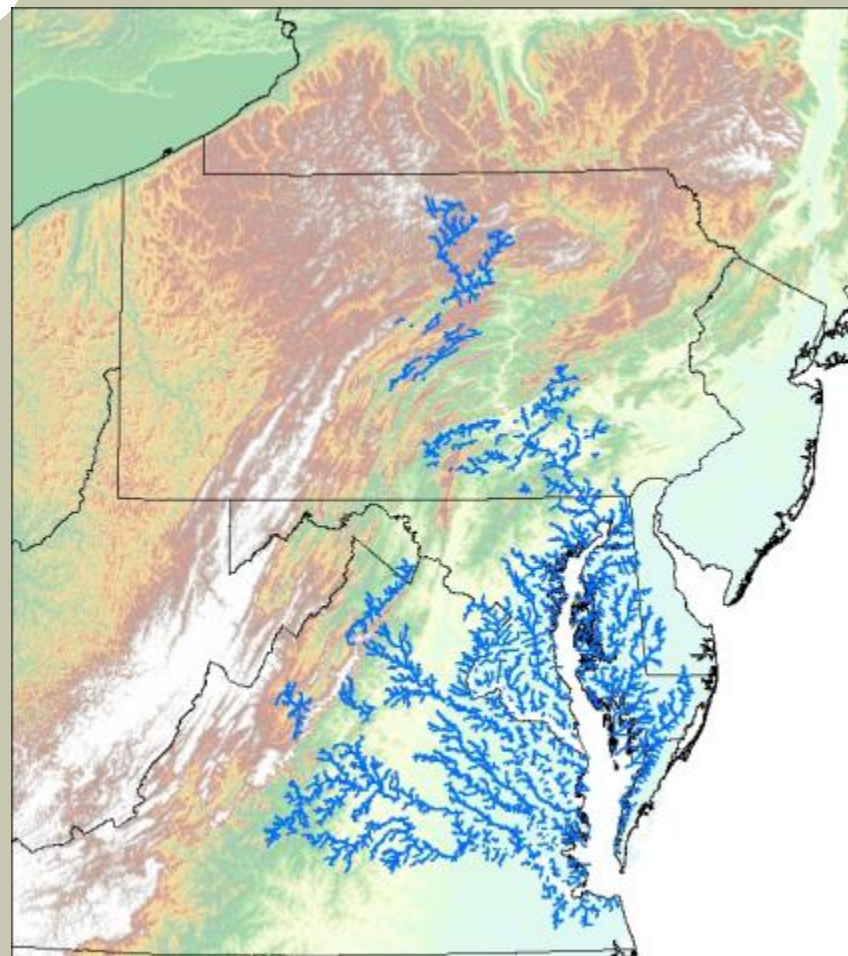
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	OCTORARO CK	OCTORARO CK	0.08
PA	BIRCH RUN	CONOCOCHAGUE CREEK	8.79
PA	GOLDSBORO DAM	FISHING CREEK (YORK)	39.59
PA	HARTMAN FARM DAM	UNNAMED TRIB	0.03
PA	MILESBURG BORO DAM	WALLACE RUN	19.59
VA	Rockland Dam	North River	282.22
PA	SILAM DAM	CONOCOCHAGUE CREEK	41.39
			391.70



2006



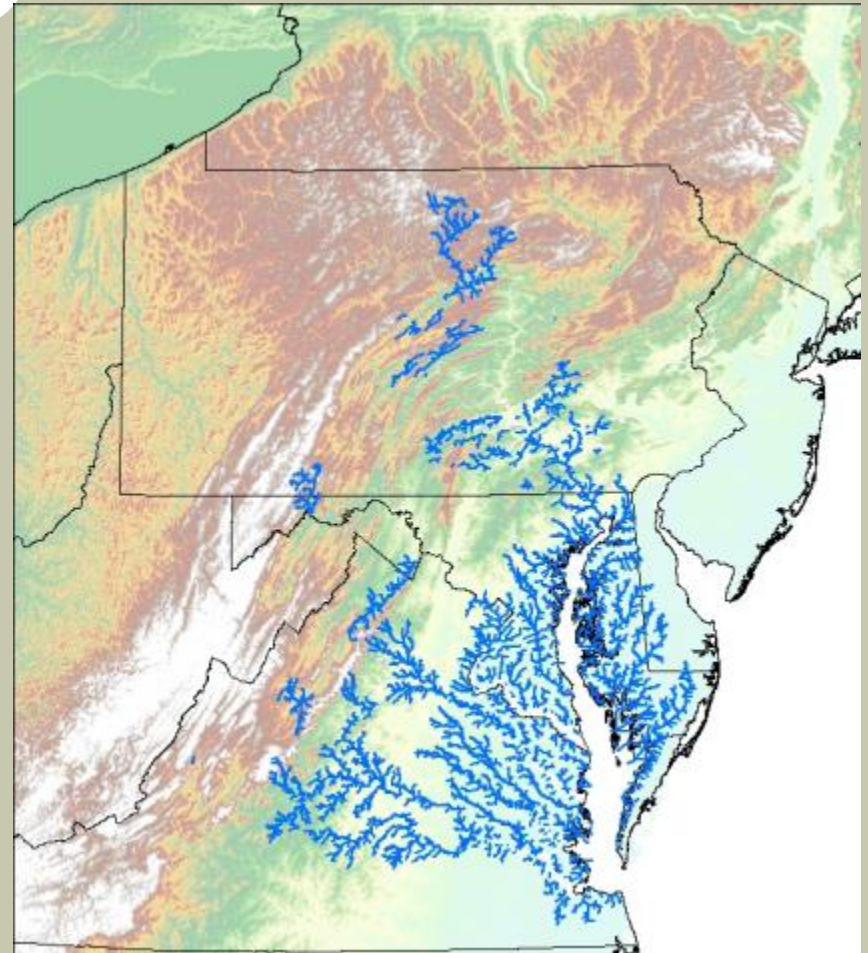
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	Filter	Huntsville Creek	0.28
PA	Ford	Pequea Creek	16.16
PA	HACKENBERG DAM	Strodes Run	18.57
PA	HOFFMAN DAM	YELLOW BREECHES CREEK	58.65
PA	Iron Mine Run	Swatara Creek	101.62
PA	MILLMONT DAM	PENNS CREEK	237.92
PA	Old Furnace	Blacklog Creek	1.11
PA	Sharrer	Conewago Creek	231.74
PA	Shissler	tr to Bennett Run	1.23
PA	Silver Spring Mill	Trindle Spring Run	7.20
PA	Stack Pond	tr to Susquehanna River	0.11
PA	Stony Point	Furnace Run	5.62
PA	SWATARA	SWATARA CREEK	384.99
PA	SWATARA INTAKE	SWATARA CREEK	191.25
VA	WARREN	SHENANDOAH R	525.91
PA	WILSON COLLEGE	CONOCOCHEAU CREEK	0.85
			1783.22



2007



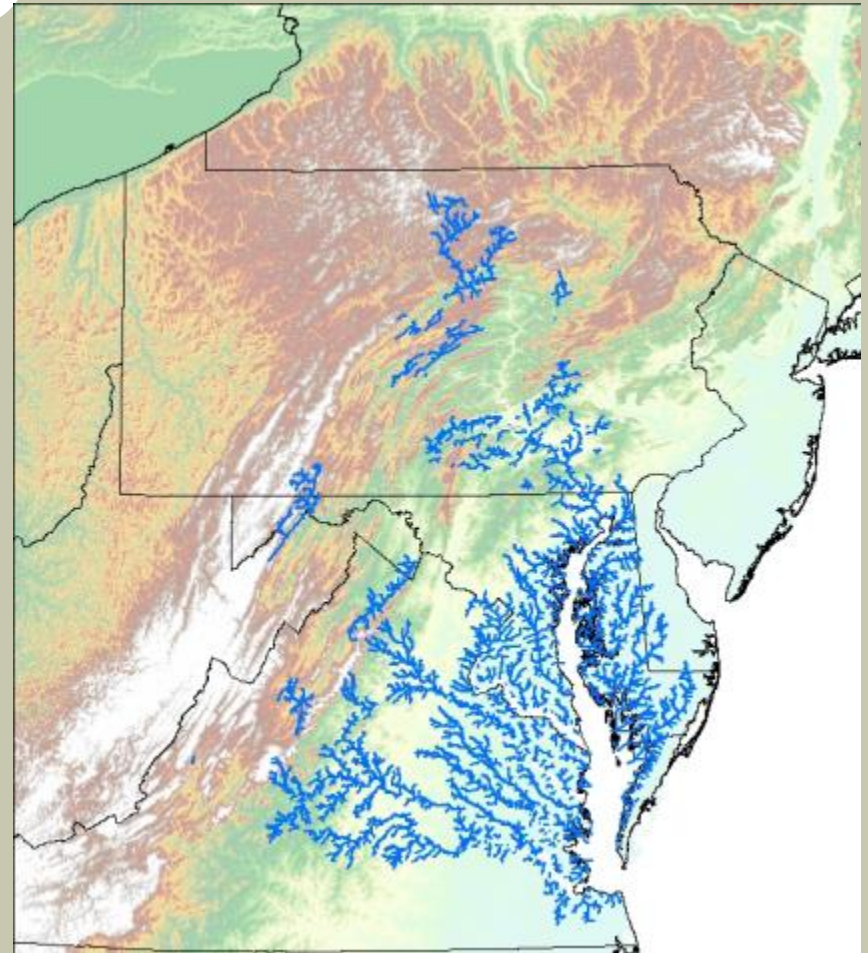
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	RAVEN ROCK CREEK	RAVEN ROCK CREEK	5.65
MD	PUCKUM BRANCH	PUCKUM BRANCH	6.55
PA	BAILEY DAM	TR TURTLE CREEK	1.45
PA	Berwinsdale	North Witmer Run	5.49
VA	Douthat North Recreational Dam	Wilson Creek	22.40
VA	Douthat South Recreational Dam	Wilson Creek	0.18
PA	Intake	tr to Glade Run	0.01
PA	Kehly Run Reservoir No.2	Kehly Run	1.54
PA	Kehly Run Reservoir No.4	Kehly Run	0.00
PA	Maple Lake	Summit Lake Creek	1.44
MD	PPG DAM	POTOMAC RIVER	583.03
VA	Quinn DAM	TYE RIVER	503.90
PA	Smith	tr to Cedar Run	0.14
PA	THE FALLS	SPRING CREEK	90.85
PA	unnamed	tr to Cedar Run	0.56
PA	UNNAMED	tr to Glade Run	4.42
PA	WANAMIE DAM	WANAMIE RUN	1.18
PA	Wittlinger	Yellow Breeches Creek	32.29
VA	WOOLEN MILLS DAM	RIVANNA RIVER	228.86
			1489.94



2008



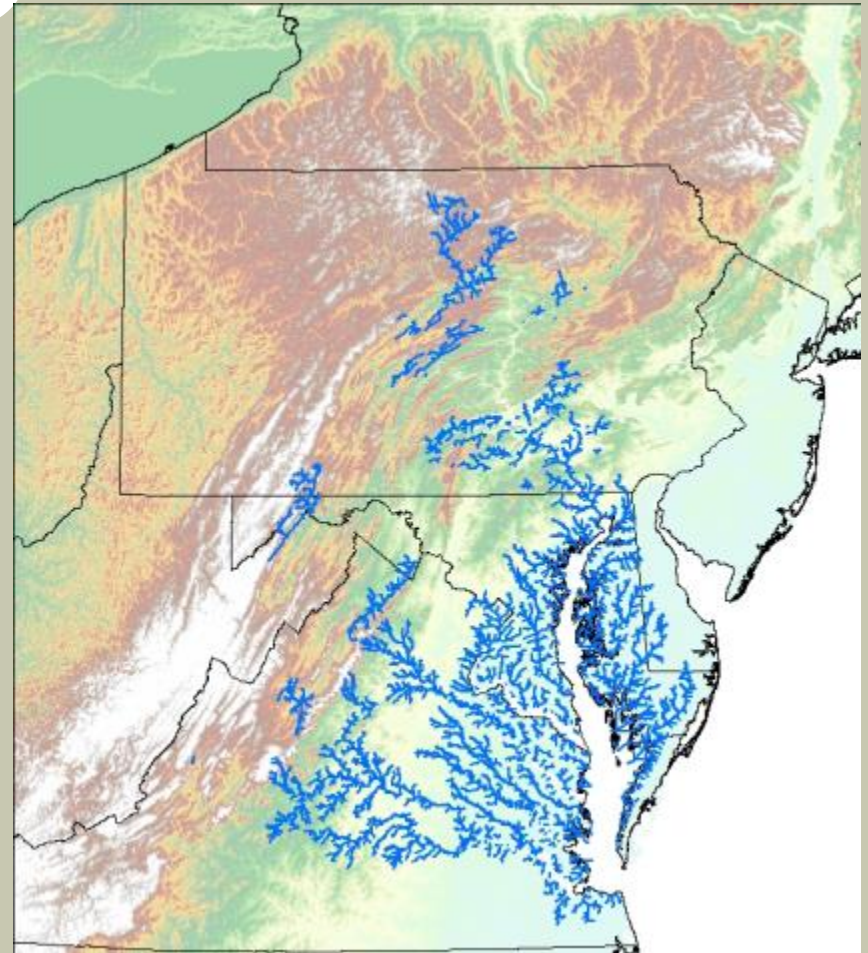
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	BEILER	TR MUDDY RUN	0.27
MD	BLACK ROCK DAM	BLACK ROCK CREEK	8.63
MD	CELANESE DAM	POTOMAC RIVER	312.49
PA	DAM NO. 1	W BRANCH LITTLE CONESTOGA	7.62
PA	FERGUSON TOWNSHIP DEBRIS BASIN 1	SLAB CABIN RUN	2.17
PA	Masonic Home	Conoy Creek	13.62
PA	Mixel	DOUBLING GAP CREEK	33.02
PA	UNNAMED DAM	FISHING CREEK	164.15
PA	UPPER MILL DAM	YELLOW BREECHES CREEK	8.01
MD	WARRIOR RUN DAM	WARRIOR RUN	17.39
			567.37



2009



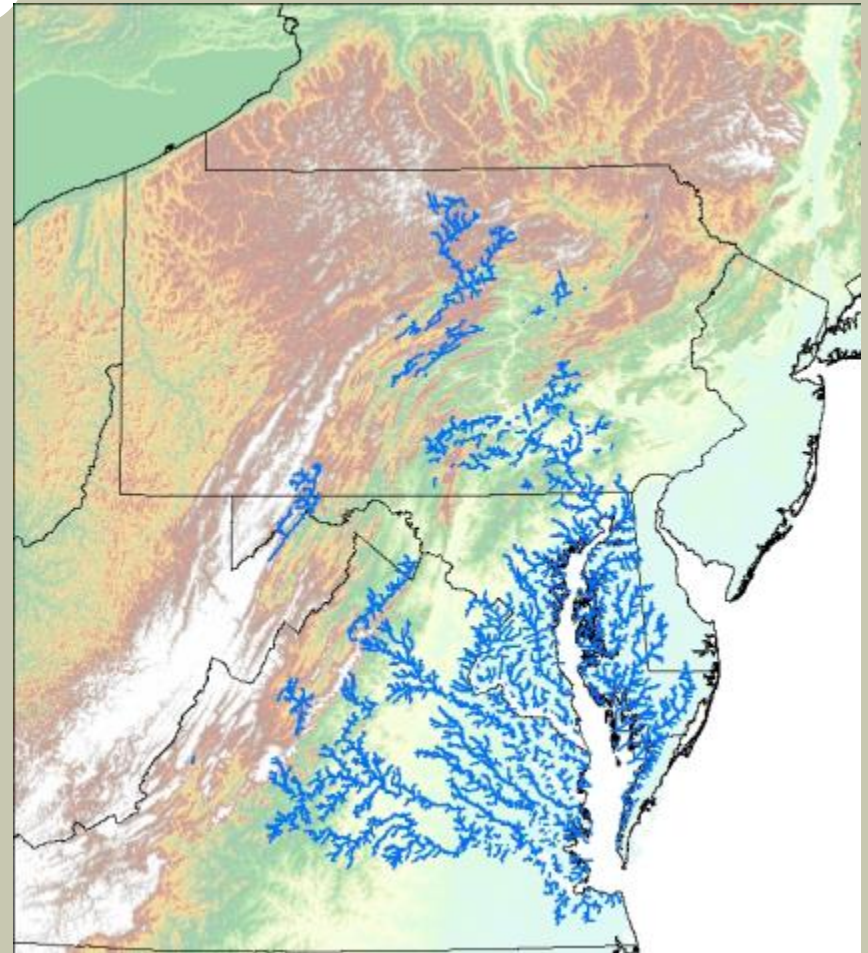
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	AXE FACTORY DAM	FISHING CREEK	62.08
VA	FLETCHERS MILL DAM	THORNTON RIVER	61.01
PA	Geises	Lithia Springs Creek	12.25
PA	Intake	Little Shickshinny Creek	2.12
PA	MILL DAM	YELLOW BREECHES CREEK	15.49
PA	SERVICE WATER	MAHONING CREEK	70.89
PA	SNARE RESERVOIR	SNARE RUN	0.85
			224.69



2010



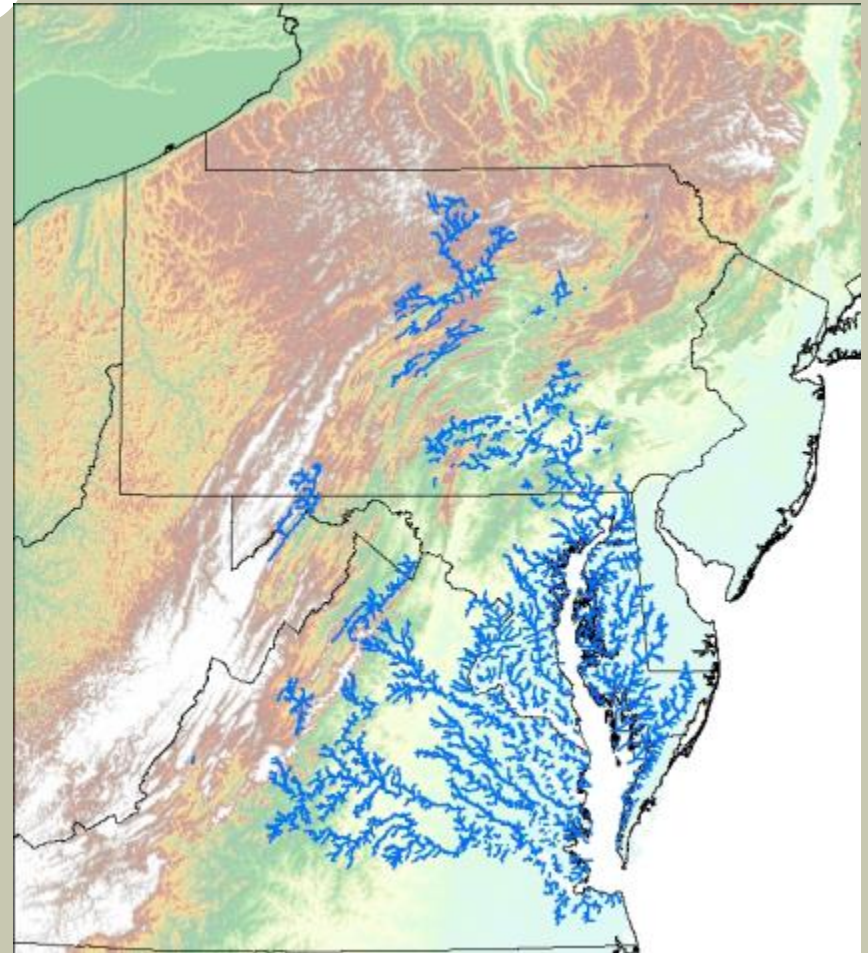
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	BIG BROWN	BROWNS RUN	1.06
PA	DAYTON	SIXMILE RUN	6.96
PA	E NICADEMUS	TR WEST BRANCH ANTIETAM CREEK	18.18
PA	FISHER	PEQUEA CREEK	27.66
PA	MIDDLE SPRING (SHOOPS DAM)	Middle Spring Creek	35.59
PA	RUSH BROOK	RUSH BROOK	7.67
PA	SMUCKER	GROFF RUN	3.24
PA	WANAT	DUNDAFF CREEK	7.06
PA	ZIMMERMAN	CONESTOGA RIVER	3.60
			111.02



2011



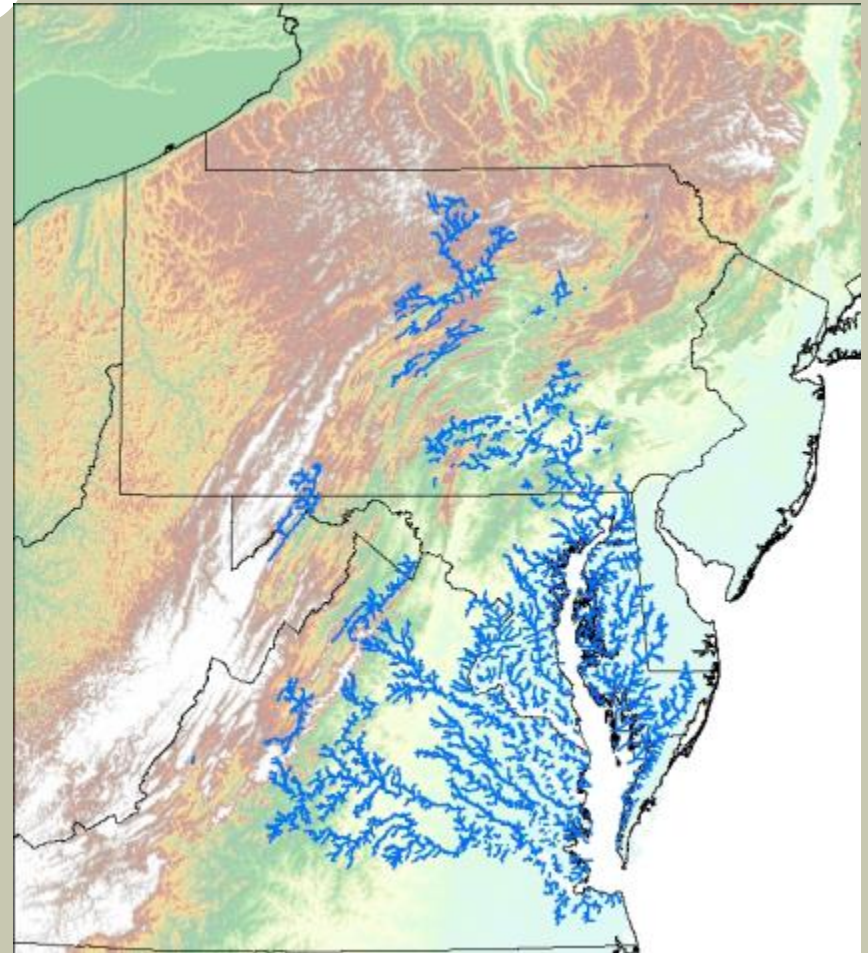
STATE	Dam Name	Waterbody	Upstream Miles Opened
MD	LTL FALLS	LTL FALLS	90.23
PA	BALD EAGLE	BALD EAGLE CREEK	416.58
PA	Black Creek Intake Dam	Black Creek	3.04
PA	BLACK CREEK INTAKE	BLACK CREEK	0.11
PA	BLACK CREEK MIDDLE	BLACK CREEK	2.39
VA	CHARLES LAKE DAM	KIMAGES CREEK	11.14
VA	CUMBERLAND MARSH DAM	TRIB OF HOLTS CREEK	0.53
PA	INDIAN LAKE	INDIAN RUN	4.71
VA	RIVERTON DAM	NORTH FORK SHENANDOAH RIVER	306.61
PA	ROSEGARDEN	YELLOW BREECHES CREEK	15.96
PA	WOLF MILL	UNNAMED TRIB	1.26
			852.57



2012



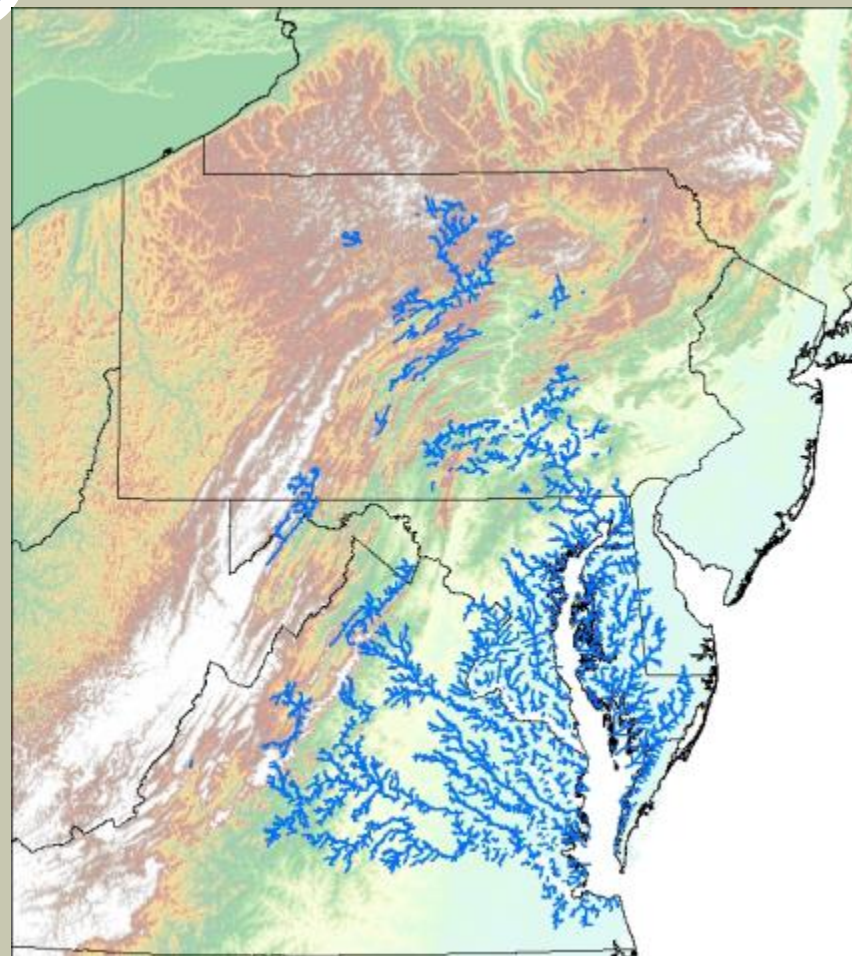
STATE	Dam Name	Waterbody	Upstream Miles Opened
VA	DuPont Dam	South River	0.48
VA	Rife Loth Dam Removal	South River	233.82
PA	VALLEY VIEW	LITTLE FISHING CREEK	1.28
			235.58



2013



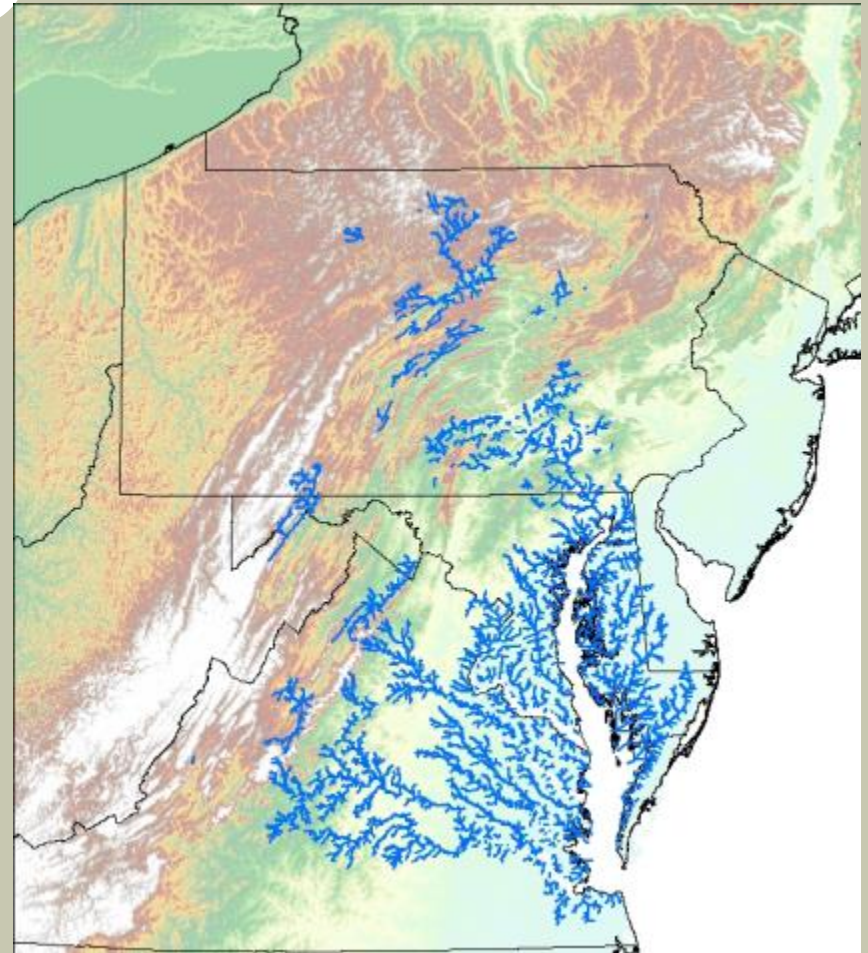
STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	Big Run Park Dam removal	Big Run	1.56
PA	HEISTAND SAWMILL	CHICKIES CREEK	36.62
PA	LEFT BR	RIGHT BRANCH WETMORE RUN	5.99
VA	Mossy Creek Dam Removal	Mossy Creek	39.05
PA	PICRIC	DRIFTWOOD BR SINNAMAHONING CR	177.22
PA	RIGHT BR	Right Branch Wetmore Run	2.64
PA	TROUGH CREEK	TROUGH CREEK	191.73
			454.81



2014



STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	Hershey School Intake	UNT to Spring Creek	10.88
PA	KLADDER RESERVOIR	TR FRANKSTOWN CREEK	1.52
PA	Little Cove Creek Dam removal	Little Cove Creek	7.63
PA	SICO	LITTLE CHICKIES CREEK	63.74
PA	Unnamed-Wilson College	UNT to Little Conewago Creek	1.74
PA	Washburn Run Dam Removal	Washburn Run	0.63
			86.13



2015



STATE	Dam Name	Waterbody	Upstream Miles Opened
PA	Lake Lehman Dam		3.09
			3.09

