



Backgrounder

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SAV 2000 Survey: Preliminary River Segment Data

Table 6.
Number of Hectares of SAV in 1999 and 2000 and Percent Change for Chesapeake Bay Segments and Zones

Upper Zone				
Segment		1999	2000	Change
CB1TF	Northern Chesapeake Bay	2,596.38 (2,501.58)	3,143.49 (2,831.61)	13%*
NORTF	Northeast River	5.75	9.43	64%
ELKOH	Elk River	323.16	692.12	114%
BOHOH	Bohemia River	36.60	75.72	107%
C&DOH	Chesapeake & Delaware Canal	0.00	0.00	0%
CB2OH	Upper Chesapeake Bay	0.52 (0.00)	285.38 (64.45)	*
SASOH	Sassafras River	97.26	388.59	300%
BSHOH	Bush River	0.00 (0.00)	78.66 (25.74)	*
GUNOH	Gunpowder River	124.55 (55.16)	984.60 (189.80)	244%*
MIDOH	Middle River	38.50	299.57	678%
BACOH	Back River	0.00	0.00	0%
CB3MH	Upper Central Chesapeake Bay	2.78 (2.78)	3.74 (1.57)	-44%*
PATMH	Patapsco River	0.00 (5.86)	0.00 0.00	-100%**
MAGMH	Magothy River	26.40 (7.12)	36.38 (1.86)	-74%*
CHSMH	Lower Chester River	297.74	0.00	-100%
CHSOH	Middle Chester River	0.00	0.00	0%
CHSTF	Upper Chester River	0.00	0.00	0%
	Zone Total:	3,549.63 (3,365.64)	5,997.69 (4,580.47)	36%*

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<http://www.chesapeakebay.net>

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Middle Zone

Segment		1999	2000	Change
CB4MH	Middle Central Chesapeake Bay	9.80	0.00	-100%
EASMH	Eastern Bay	2,005.44	0.00	-100%
CHOMH1	Mouth of the Choptank River	1,533.57	680.65	-56%
CHOMH2	Lower Choptank River	0.00	0.00	0%
CHOOH	Middle Choptank River	0.00	0.00	0%
CHOTF	Upper Choptank River	0.00	0.00	0%
LCHMH	Little Choptank River	648.83	468.41	-28%
SEVMH	Severn River	184.11	51.85	
		(184.11)	(51.85)	-72%*
SOUMH	South River	6.96	0.00	-100%
RHDMH	Rhode River	0.00	0.00	0%
WSTMH	West River	0.00	0.00	0%
CB5MH	Lower Central Chesapeake Bay	905.98	1,282.92	42%
HNGMH	Honga River	772.68	1,141.77	48%
FSBMH	Fishing Bay	2.02	2.56	27%
NANMH	Lower Nanticoke River	0.00	0.00	0%
NANOH	Middle Nanticoke River	0.00	0.00	0%
NANTF	Upper Nanticoke River	0.00	0.00	0%
WICMH	Wicomico River	0.00	0.00	0%
TANMH	Tangier Sound	4,299.32	5,087.69	18%
MANMH	Manokin River	96.76	182.68	89%
BIGMH	Big Annemessex River	183.15	238.34	30%
POCMH	Lower Pocomoke River	466.22	489.29	5%
POCOH	Middle Pocomoke River	0.00	0.00	0%
POCTF	Upper Pocomoke River	0.00	0.00	0%
PAXMH	Lower Patuxent River	3.90	0.00	-100%
PAXOH	Middle Patuxent River	0.00	46.73	
		(43.25)	46.73	8%**
PAXTF	Upper Patuxent River	0.00	37.30	
		(61.30)	37.30	-39%*
WBRTF	Western Branch of the Patuxent River	0.00	0.00	0%
POTMH	Lower Potomac River	951.25	422.97	-56%
POTOH	Middle Potomac River	1,315.54	1,582.37	20%
POTTF	Upper Potomac River	1,327.08	1,569.84	18%
MATTF	Mattawoman Creek	84.96	133.84	58%
PISTF	Piscataway Creek	50.81	129.22	154%
	Zone Total:	14,848.39	13,548.42	
		(14,848.39)	(13,464.39)	-9%*

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Lower Zone

Segment		1999	2000	Change
CB6PH	Western Lower Chesapeake Bay	267.59	287.94	8%
CB7PH	Eastern Lower Chesapeake Bay	3,335.41	3,402.98	2%
RPPMH	Lower Rappahannock River	33.12	72.87	120%
CRRMH	Corrotoman River	72.16	107.46	49%
RPPOH	Middle Rappahannock River	0.00	0.00	0%
RPPTF	Upper Rappahannock River	7.42	16.19	118%
PIAMH	Piankatank River	116.81	171.31	47%
MOBPH	Mobjack Bay	3,584.49	3,693.51	3%
YRKPH	Middle York River	264.55	308.39	17%
YRKMH	Lower York River	0.00	0.00	0%
MPNOH	Lower Mattaponi River	0.00	0.00	0%
MPNTF	Upper Mattaponi River	0.00	0.00	0%
		(34.38)	0.00	-100%**
PMKOH	Lower Pumunkey River	0.00	0.00	0%
PMKTF	Upper Pumunkey River	0.00	70.43	
		(75.89)	70.43	-7%**
JMSPH	Mouth of the James River	31.35	38.13	22%
JMSMH	Lower James River	1.15	0.97	-16%
ELIPH	Elizabeth River	0.00	0.00	0%
ELIMH	Middle Elizabeth River	0.00	0.00	0%
WBEMH	Western Branch of the Elizabeth River	0.00	0.00	0%
SBEMH	South Branch of the Elizabeth River	0.00	0.00	0%
EBEMH	Eastern Branch of the Elizabeth River	0.00	0.00	0%
LAFMH	Lafayette River	0.00	0.00	0%
CHKOH	Chickahominy River	36.82	216.54	
		(36.82)	(47.91)	30%*
JMSOH	Middle James River	0.00	3.97	
		(6.21)	3.97	-36%**
JMSTF	Upper James River	0.00	26.84	
		(36.00)	26.84	-25%**
APPTF	Appomattox River	0.00	0.00	0%
CB8PH	Mouth of the Chesapeake Bay	2.77	2.98	8%
LYNPH	Lynnhaven & Broad Bays	38.17	19.48	-49%
	Zone Total:	7,791.82	8,440.00	
		(7,791.82)	(8,170.13)	5%*
	Total for Chesapeake Bay:	26,189.84	27,986.11	
		(26,005.85)	(26,214.98)	1%

* These areas were not fully mapped in 1999. Parenthetic totals represent SAV area for regions that were mapped both years

** These areas were not mapped in 1999. Parenthetic totals represent 1998 data.

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The annual Baywide SAV survey is prepared by the Virginia Institute of Marine Science for the Chesapeake Bay Program and its partners. For complete survey results, please visit <http://www.vims.edu/bio/sav/index.html> or contact Dr. Robert Orth at 804-684-7392.

For more information about underwater grasses in the Chesapeake Bay, please visit our website at <http://www.chesapeakebay.net/baybio.htm>.

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