

Summary of USVI Watersheds

Watershed Name	Area (acres)	% developed	Mean Vulnerability to Erosion*	Relative Erosion Rates (w land cover)	303(d)	TMDL	APC (CZM)	WRAS (DEP)	Coral
STJ									
Mary Point	110	0%	Med-High	Low					Yes
Leinster Bay	612	0%	High	Med-Low					Yes
Mennebeck Bay	813	0%	Med-High	Med-Low					Yes
Coral Bay	3,005	5%	High	Med			Coral Bay		Yes
Great Lameshur Bay	1,679	1%	High	Med-Low					Yes
Hawksnest Bay	777	11%	High	Med-Low	DO, turb: Caneel Bay (Med, 2006); DO Hawksnest (Low, 2008); DO:Trunk (Med, 2010)				Yes
Maho Bay	984	2%	Med-High	Low	DO:Cinnamon (Low, 2012); DO, turbidity Maho/Francis (low, 2014)				Yes
Reef Bay	1,395	0%	Med-High	Med-Low					Yes
Fish Bay	1,487	3%	Med	Med-Low				Mod./Done	Yes
Great Cruz Bay	1,037	32%	Med	Med-High	Oil and grease, DO, turb, pH: GCB (med, 2005); Turb: Turner Bay/Enighed Pond (med, 2011); DO, turb.: Cruz Bay (med, 2011)	Oil & grease	Enighed Pond, Chocolate Ho		Yes
Rendezvous Bay	420	2%	Med-High	Med-High	DO: Chocolate Hole (low)		Chocolate Ho		Yes
STT									
Hassel Island	142		Low	?	Oil & grease, DO, pH, FC (med, 2007)	Oil & grease			
Water Island	490		Low	?	DO: Gregorie channel (low); DO: Sprat Bay (med 2010); Turbidity: Flamingo (med, 2012)				Yes
Fortua Bay	801	15%	Med-High	Med					
Perseverance Bay	710	9%	Med-High	Med-low					Yes
Cyril E. King Airport	1,126	59%	Low	Med-High					
St. Thomas Harbor	2,496	57%	Med-Low	Med-High				Mod	
Frenchman Bay	1,180	30%	Med	High	DO (low, 2015); FC, Turbidity (Med 2006); DO: Morningstar (low, 2015)	FC (limetree)			
Red Hook Bay	858	34%	Low	Med-Low	DO: St John (low, 2014); DO, turbidity:Red Bay (low); DO, FC: Vessup (High, 2004); Oil & Grease, DO: Red Hook (high, 2004)	O/G, DO(Red Hook); FC, DO (Vessup);		Low	
Smth Bay	862	37%	Low	Med	DO: Water Bay and Smith (low, 2014)				Yes
Mandal Bay	1,592	30%	Low	Med	DO, pH, secchi: Marina (med, 2010); DO, FC, Turbidity, pH: subshed (med, 2010); DO, pH: Sunsi and Spring (?)				
Magens Bay	1,104	16%	Low	Med	FC, turbidity, DO (high, 2004)	FC (magens)		Low	Yes
Dorothea Bay	1,682	22%	Med-Low	Med	DO, pH: Caret (low, 2016); DO, pH: Dorothea (low, 2013); DO, pH: Hull (low, 2013)				Yes
Santa Maria Bay	789	15%	Med-Low	Med-low	DO, pH, turbidity (low, 2016);				Yes
Botany Bay	879	8%	Med-High	Med					Yes
Jersey Bay	3610	36%	Low	Med-High	FC, DO: Benner (high, 2007); FC: Mangrove Lagoon (High, 2007)	FC(Mangrove Lagoon & Benner Bay)		High	Yes

Summary of USVI Watersheds

Watershed Name	Area (acres)	% developed	Mean Vulnerability to Erosion*	Relative Erosion Rates (w land cover)	303(d)	TMDL	APC (CZM)	WRAS (DEP)	Coral
STX									
Buck Island	175		High	?					Yes
Teague Bay	1,021	18%	High	High	pH: Teague Bay (low, 2017); pH Back Reef (?)		East End		Yes
Turner Hole	714	17%	High	High			East End		Yes
Madam Carty	1,043	1%	High	High					Yes
Solitude	1,641	18%	High	High					Yes
Southgate	1,398	53%	Med-High	High	DO, turbidity: Tamarind Reef Lagoon (Low, 2017); FC Green Cay (?)		Southgate/Chenay Bay	Low	Yes
Great Pond Bay	2,000	10%	Med-High	Med-High				Low	Yes
Altona Lagoon	1,241	51%	Med-High	High	Turbidity: Bucaneer (Low)				
Laprey Valley	1,134	1%	Med-High	Med-High					Yes
Christiansted	1,799	44%	High	High	DO: Christinasted Harbor (High, 2013); DO, pH: Long reef/fore reef (med, 2013)		Christiansted Waterfront	Mod	Yes
Princess	1,102	54%	Med	Med	DO, pH: Longreef/forereef (med, 2013)				Yes
Salt River Bay	4,157	21%	Med-High	Med-High	DO: Salt River Lagoon (Marina), Sugar Bay, and Salt River Bay (High, yes 2005)	DO (salt river)			Yes
North Side	1,278	8%	high	High					Yes
Baron Bluff	929	5%	high	Med-Low					
Airport	1,291	50%	Low	Low	DO, Turbidity: Manning Bays/Estate Anguilla Beach (Med, 2009)		Southshore Industrial Area	High	
Bethlehem	6,563	22%	Low	Low	DO, Turbidity: Manning Bays/Estate Anguilla Beach (Med, 2009)		Southshore Industrial Area	High	
Sandy Point	2,017	41%	Low	Low					
Long Point Bay	2,482	36%	Low	Low	DO: Carlton Beach (low)				
Diamond	2,921	25%	Med	Low	DO, turbidity, toxicity: med (2009)			High	
Hams Bluff	979	1%	Med-High	Med-Low					
Creque Dam/Butler Bay	1,207	8%	Med-High	Med-High					
Prosperity	888	6%	Med	Med-Low					
La Grange	3,257	18%	Med	Med					
Hams Bay	1,104	2%	High	Med-Low					
Bugby Hole	2,502	12%	Med	Med	Turbidity (?)				Yes
HOVENSA	8,135	56%	Low	Med-Low	FC, DO, Turbidity: Harbour (Med, 2009); DO, Turbidity: Manning Bays/Estate Anguilla Beach (Med, 2009)		Southshore Industrial Area	High	
Cane Garden Bay	677	28%	Low	Med			Southshore Industrial Area		

Shed, acres and developed areas derived from DPNR GIS data

Vulnerability to erosion (soil, rainfall, slope, kfactor) and Relative erosion rates (relative loads from land use, soil erodability) from on NOAA analysis of land-based sources of threat to coral reefs.

303(d) from 2004 USVI 303(d) list report

Coral from looking at map of existing reefs (no priorities)