





\$YSTEM

L2EM2F

SUBSYSTEM / CLASS

UPLAND (NON-WETLAND)

R20WH (LINEAR DEEPWATER HABITAT)

SUBCLASS, WATER REGIME

*These water regimes are only used in tidally influenced, freshwater systems

displayed on this map are solicited. Please forward such information to the address indicated.
 Subsystems, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
 Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of westland.

tion of wetland.

• This map uses the class Unconsolidated Shore (US).
On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both

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identified on the photographs based on vegetation, visible

hydrology, and geography in accordance with Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS - 79/31 December 1979). The aerial photographs typically reflect conditions during the specific

photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

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ACREAGE GUIDE

Other information including a narrative report concerning the

wetland resources depicted on this document may be available.

☐ 1 acre

																		5 Dead 6 <i>Deciduous</i> 7 Evergreen	5 Dead 6 <i>Deciduous</i> 7 Evergreen	
SYSTEM		R - RIVERINE									L — LACUSTRINE					er-densimeren.				SYSTEM
SUBSYSTEM	1 - TIDAL		2 — LOWER PERENNIAL 3 — UPPER PERENNIAL 4 — INTERMITTED					NKNOWN PERENNIAI	L	1 — LII	MNETIC 1		2 — LI			LITTORAL				SUBSYSTEM
CLASS	RB — ROCK	UB — UNCONSOLIDATED BOTTOM	*SB — STREAMBED	AB — AQUATIC BED	RS — ROCKY SHORE	US — UNCONSOLIDAT SHORE	red **EM EMERGENT	OW — OPEN WATER/ Unknown Bottom	RB — ROCK BOTTOM	UB — UNCONSOLI BOTTOM	DATED AB — AQUATIC BED	OW — OPEN WATER/ Unknown Bottom	RB — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM	AB — AQUATIC 8ED	RS ROCKY SHORE	US — UNCONSOLIDATE SHORE	D EM EMERGENT	OW — OPEN WATER: Unknown Bottom	CLASS
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	Algat Aquatic Moss Rooted Vascular Floating Vascular Unknown Submergent Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent		1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface		1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent		Subclass
		TREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM MERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSES are found in all SUBSYSTEMS									MODIFIERS									
SYSTEM				P — PALL	ISTRINE				Pro-	In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry. soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.										
40 4 40 1 611 4										WATER REGIME WATER CHEMISTRY					Y	SOIL	SOIL SPECIAL MODIFIERS			
CLASS	RB — ROCK BOTTO	BOTTOM UB — UNCONSOLIDATED AB — AQUATIC BED US — UNCONSOLIDATED ML — MOSS-LIC BOTTOM				EN EM — EMERGENT SS — SCRUB-SHRUB FO — FORESTED OW — OPEN WATER/ Unknown Bottom				Non-Ti	l Tidal		al	Coastal Halinit	Coastal Halinity Inland Salinity pH Modif		The second secon			
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerge 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	2 Nonpersistent	Deciduous 2 Needle-Lea 2 Needle-Leaved 3 Broad-Leaved	aved Evergreen	A Tempor B Saturat C Season D Season Well Dr. E Season Saturat	d J illy Flooded K illy Flooded/ W ined illy Flooded/ Y	Permanently Flooded Intermittently Flooded Artificially Flooded Intermittently Flooded/Temporary Saturated/Semipermanent/ Seasonal	L Subtidal M Irregularly Exposed N Regularly Flooded	*S Temporary-Tidal *R Seasonal-Tidal *T Semipermanent *V Permanent-Tidal *U Unknown	2 Euhaline -Tidal 3 Mixohaline (Brackist	7 Hypersaline 8 Eusaline 9 Mixosaline	all Fresh Water a Acid t Circumneutral i Alkaline	n Mineral d	Beaver Partially Drained/Ditche Farmed	h <i>Diked/Impounded</i> r Artificial Substrate s <i>Spoil</i> x Excavated	