

CE2B100000

S3

Community Code:

State Rank:

Salt Marsh



	Marsh lacks saltwater cordgrass and salt hay, and has sweet flag, wild rice, climbing hempweed, and other broad-leaved herbaceous plants. It is flooded by freshwater (salinity <0.5 ppt).
Associated Fauna:	Many species of birds forage in salt marshes. A few, such as Seaside Sparrow (<i>Ammodramus maritimus</i>) and the Saltmarsh Sharptailed Sparrow (<i>A. caudacutus</i>), nest there as well. In fall and winter, Short-eared Owls (<i>Asio flammeus</i>), Snowy Owls (<i>Nyctea scandiaca</i>), and Northern Harrier (<i>Circus cyaneus</i>) hunt in salt marshes. In summer, Snowy Egrets (<i>Egretta thula</i>), American Black Ducks (<i>Anas rubripes</i>), and a number of shorebirds forage in pools at low tide. Few mammals are resident in salt marshes, but meadow voles (<i>Microtus pensylvanicus</i>) use them, retreating to dryer areas during high tides. Fiddler crabs (<i>Uca</i> spp.) are identified with saltmarsh creeks on Cape Cod and to the south. Native sesarma crabs (<i>Sesarma reticulatum</i>), which graze on cordgrass, appear to be increasing, and possibly expanding northward into saltmarshes in the Gulf of Maine.
Public Access:	Parker River National Wildlife Refuge, Newbury; Salisbury Marsh, Salisbury; Great Marshes, Barnstable; Nauset Marsh, Eastham; Great Sippewissett Marsh, Falmouth.
Threats:	Invasive species, coastal erosion, sea-level rise, coastal development, tidal restrictions, stormwater flows and land source impacts, filling, dredging, and ditching.
Management Needs:	
USNVC/NatureServe:	Salt Marsh System, includes: <i>Spartina alterniflora</i> Tidal Herbaceous Alliance <i>Spartina alterniflora/(Ascophyllum nodosum)</i> Acadian, Virginian Zone Herbaceous Vegetation [CEGL004192]; <i>Spartina patens - (Distichlis spicata</i>) Tidal Herbaceous Alliance <i>Spartina patens - Distichlis spicata - Plantago maritima</i> Herbaceous Vegetation [CEGL006006] and <i>Spartina patens - Agrostis stolonifera</i> Herbaceous Vegetation [CEGL006365]; <i>Panicum virgatum</i> Tidal Herbaceous Alliance <i>Panicum virgatum</i> Tidal Herbaceous Vegetation [Provisional] [CEGL006150]; <i>Baccharis halimifolia - Iva frutescens</i> Tidal shrubland Alliance - <i>Baccharis halimifolia - Iva frutescens/Panicum virgatum</i> Shrubland [CEGL006063]; <i>Sarcocornia perennis- (Distichlis spicata, Salicornia</i> spp.) Tidal Herbaceous Alliance - <i>Sarcocornia perennis - Salicornia</i> spp <i>Spartina alterniflora</i> Herbaceous Vegetation [CEGL004308].