



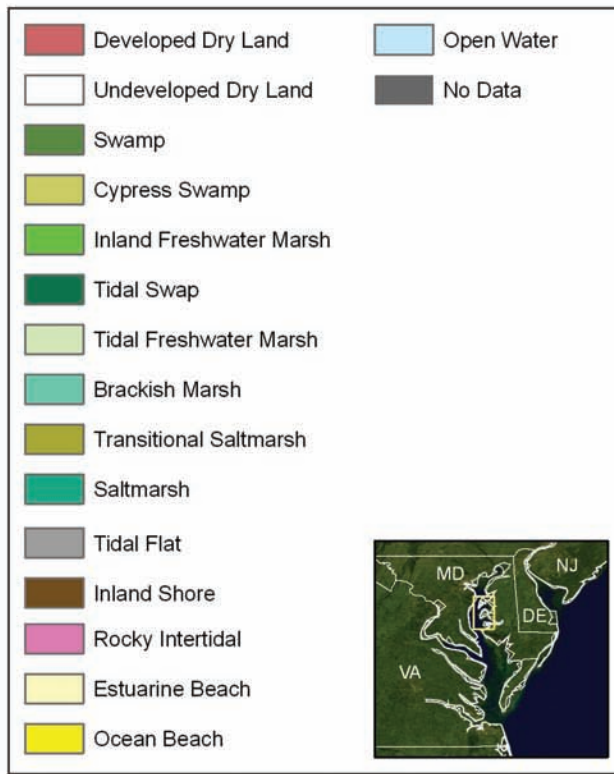
Initial Condition



Year 2050 (11.2 inches)



Year 2100 (27.2 inches)



Maryland Shore

Excerpted from *Sea-Level Rise and Coastal Habitats of the Chesapeake Bay*, a detailed modeling analysis commissioned by the National Wildlife Federation. For the full report, please visit www.nwf.org/sealevelrise.

The considerable low-lying marshes and dry lands of the Eastern Maryland Shore region are at risk from sea-level rise over the next century. If sea level rises 27.2 inches, the region is expected to lose 47 percent of brackish marsh, 38 percent of its tidal swamp, and all but 32 acres of tidal flat. The brackish marsh habitat of Kent Island and the Eastern Neck Island National Wildlife Refuge are especially at risk of

inundation. As the soil saturates, freshwater swamps will expand by about 20 percent across the region.