

This map depicts the Coastal Barrier Resources System (CBRS) units in Delaware that are part of the Hurricane Sandy Remapping Project. To view the recommended boundaries in more detail see the CBRS Projects Mapper: <https://www.fws.gov/cbra/maps/mapper.html>

* The boundaries of Units DE-07/DE-07P and H01 are not recommended for revision under this project.



Coastal Barrier Resources System Hurricane Sandy Remapping Project

Summary of Final Recommended Changes for Delaware

In 2014, the U.S. Fish and Wildlife Service (Service) initiated the Hurricane Sandy Remapping Project to comprehensively modernize the maps for the John H. Chafee Coastal Barrier Resources (CBRS) units in the nine states most affected by Hurricane Sandy: Connecticut, Delaware, Maryland, Massachusetts, New Hampshire, New Jersey, New York (Long Island), Rhode Island, and Virginia. This fact sheet summarizes the final recommended changes to the CBRS units in Delaware resulting from this project. The revised maps produced through this project will only become effective once they are adopted by Congress through legislation. For additional information on the Coastal Barrier Resources Act and the Hurricane Sandy Remapping Project, please visit: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Number of Units in Project

*Total Recommended Delaware
Units: 11*

System Units: 4

*Otherwise Protected Areas
(OPAs): 7*

The Service has prepared comprehensively revised final recommended maps for 8 of the 11 existing CBRS units in Delaware. The map for the remaining three Delaware units (Units DE-07/DE-07P and H01) was comprehensively reviewed and revised by the Service and adopted by Congress in 2018. One existing unit in Delaware has no recommended changes. The Service identified three recommended new units in Delaware, which are comprised entirely of areas that are not currently contained within the CBRS. There are 11 total recommended units in Delaware (not including the 3 that were remapped and adopted by Congress in 2018).

Public Review and Comments

The Service held a 120-day public review and comment period on the proposed boundaries in Delaware from March 12 through July 10, 2018 (83 FR 10739). The Service received six comments affecting four units in Delaware. For a summary of the comments received and the Service's responses, see [chapter 3](#) and [appendix C](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Changes between Proposed and Final Recommended Boundaries

The aerial imagery initially used to prepare the proposed boundaries for the Delaware units in this project was dated 2015. When preparing the final recommended boundaries, the Service reviewed the proposed boundaries against the updated imagery and made necessary adjustments to better follow the intended features visible on the updated imagery. The imagery used for the final recommended maps is dated 2018. The Service also made changes to one unit in response to comments received during the public comment period. The changes made between the proposed and final recommended boundaries for each Delaware unit are summarized in [appendix I](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Final Recommended Acreage and Structure Changes

The final recommended maps for the Delaware units would remove 118 acres from the CBRS (84 acres of fastland and 34 acres of associated aquatic habitat) and add 31,266 acres to the CBRS (987 acres of fastland and 30,279 acres of associated aquatic habitat). The final recommended maps for the Delaware units would remove

52 acres of privately owned lands not held for conservation/recreation) from the CBRS and add 373 acres of privately owned lands to the CBRS.

The final recommended boundaries would remove 43 structures (mostly private residential) from the CBRS and add 10 structures (more than half of which are park-related) to the CBRS.

Information about the recommended changes for each of the individual Delaware units (including acreage and structure changes) is available in [appendix I](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project* and at: <https://www.fws.gov/cbra/roject/hurricane-sandy-remapping-project>.

Final Recommended Acreage and Structure Changes for Delaware

	Fastland Acres ¹		Associated Aquatic Habitat Acres ²		Total Acres		Total Structures ³	
	System Unit	OPAs	System Unit	OPAs	System Unit	OPAs	System Unit	OPAs
Added to the CBRS	304	683	1,497	28,782	1,801	29,465	3	7
	Total: 987		Total: 30,279		Total: 31,266		Total: 10	
Removed from the CBRS	0	84	0	34	0	118	2	41
	Total: 84		Total: 34		Total: 118		Total: 43	
Net Reclassified ⁴	0	0	(5)	5	(5)	5		
Net Change	Total: 903		Total: 30,245		Total: 31,148		Total: (33)	

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassified area are areas currently within the CBRS that are recommended for reclassification from System Unit to OPA or vice versa.

Hurricane Sandy Remapping Project

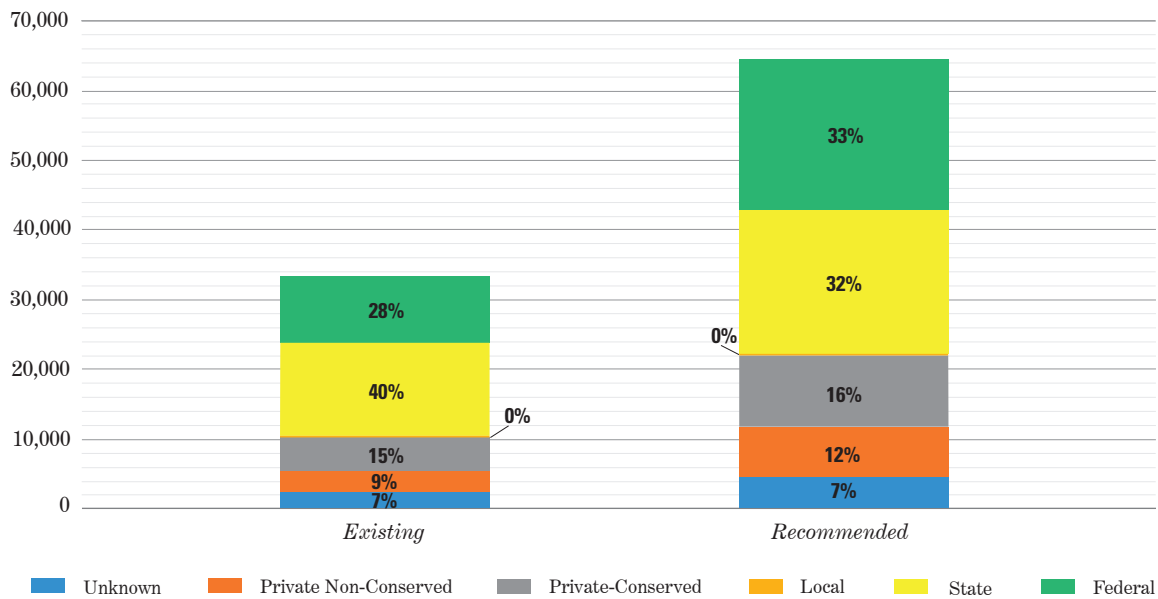
Final Recommended Changes by Land Ownership

The ownership type of the existing and final recommended CBRS units in Delaware is depicted in the graph below. In conducting this project, the Service relied heavily on publicly

available state and local GIS data, which did not contain ownership information for certain areas (mostly large swaths of wetlands and open water) that are within the project area; and therefore such areas are categorized as “unknown.” “Private conserved” indicates areas that

are owned by private individuals or organizations (e.g., The Nature Conservancy, Audubon Society, etc.) and held specifically for conservation and/or recreation purposes, including privately owned areas that are subject to conservation easements.

Ownership Type and Percent Acreage¹ of Existing and Final Recommended Coastal Barrier Resources System Units for Delaware



¹Ownership data was acquired from local, state, federal, and non-governmental organizations between 2014 and 2017

Delaware Units in Project

County	Congressional District	Unit Number	Unit Name	Unit Status
Kent	At Large	DE-01	Little Creek	Existing Unit
Kent	At Large	DE-01P	Little Creek	Existing Unit
Sussex	At Large	DE-02P	Beach Plum Island	Existing Unit
Sussex	At Large	DE-03P	Cape Henlopen	Existing Unit
Sussex	At Large	DE-06	Silver Lake	Existing Unit
Sussex	At Large	DE-08P	Fenwick Island	Existing Unit
Kent, New Castle	At Large	DE-09P	Woodland Beach	New Unit
Kent	At Large	DE-10	Fraland Beach	New Unit
Kent	At Large	DE-11P	Bombay Hook	New Unit
Kent, Sussex	At Large	H00	Broadkill Beach	Existing Unit
Kent, Sussex	At Large	H00P	Broadkill Beach	Existing Unit

**U.S. Fish & Wildlife Service
Ecological Services
5275 Leesburg Pike
Falls Church, VA 22041
703-358-2171
cbra@fws.gov
<https://www.fws.gov/cbra>**

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