

Park Specific Map Classes

Seven map classes were developed to represent specific conditions that did not represent well by the other standardized classifications. They include small upland islands, small natural ponds, and no data.

For polygon frequency and area information of each park specific map class, refer to the full area report provided in the main report.

Small Islands

Four map classes represent small upland islands that are >0.1 h in size, but less than the standard minimum mapping unit of 0.5 h. These islands are located within the open water span of ocean, bays, estuaries, and lakes, or within shallow wetlands and peatlands with emergent herbaceous vegetation and shrubs. Because of their small size, these lands do not describe well by natural vegetation communities.

The Small Islands map classes are

- Small Island with Grass (SIG),
- Small Island with Rock (SIR),
- Small Island with Shrubs (SIS), and
- Small Island with Trees (SIT).

Small Natural Ponds

Two map classes represent small natural ponds. These ponds are water bodies that are both <10% vegetated and <16 h in size. These small ponds do not fall within the USGS land use and land cover system (Anderson et al. 1976) definition of Lakes (>16 h) but rather within the Nonforested Wetland (62) class. The Nonforested Wetland class was not used to define these two map classes because it includes vegetated wetlands (which is described by vegetation map classes already discussed).

The 2 map classes were created to separate ponds that are affected by beaver activity from ponds that are not. Because of limitations in seeing vegetation on the project's set of aerial photographs, some of these small ponds may indeed have >10% vegetation.

The Small Natural Ponds map classes are

- Beaver Pond (non-vegetated, WBP),
- Natural Pond (non-vegetated, WNP).

For clarification, the Beaver Pond (non-vegetated) map class (WBP) is not intended to suggest that all beaver ponds are mapped, but rather only those portions that are <10% vegetated. Vegetated portions of beaver ponds (whether all or part) are mapped in their corresponding vegetation map class. The same can be said of Natural Pond (non-vegetated) map class (WNP).

No Data

One map class, No Data (ND), represents areas purposely not mapped for the project. However, these areas are within the outer reach of the project area. All Acadia NP fee and easement lands plus additional surroundings are mapped, leaving large expanses of area left untouched to mapping. For geo-spatial map development, it was necessary to code these areas.