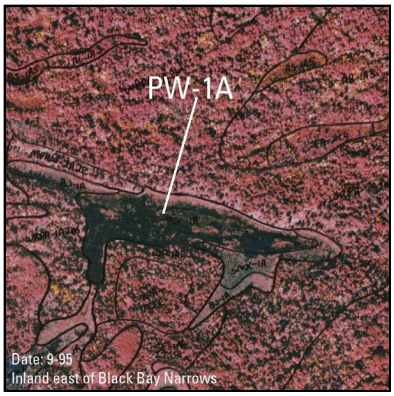
PW - Midwest Pondweed Submerged Aquatic Wetland

Photo credit: Kevin Hop

The Midwest Pondweed Submerged Aquatic Wetland Map Unit (PM) represents the Midwest Pondweed Submerged Aquatic Wetland Association. This association is found typically in fairly sheltered bays of the large lakes, in interior lakes, and in beaver ponds. It can also occur in more wave exposed sites on the large lakes. Water depth is typically 0.5 - 2 meters. The water regime is permanently flooded. This association is dominated by submergent aquatic plants, however, floating aquatic plants may be present in low cover. In stands that occur in beaver impoundments, standing dead trees and patches of emergent vegetation are common. This association is also mapped as part of the Deep Marsh Mosaic/Complex (DMX) when it occurs in a mosaic pattern with other deep marsh herbaceous types, or when it cannot be confidently recognized on the aerial photographs from the other deep marsh types. This association is also mapped as part of the BBX map unit when it occurs in inundated beaver complexes.

PW-1A appears as dark patches against the darker water. Although difficult to see on this photo, the coverage is continuous and evenly dispersed. There are small inclusions of herbaceous vegetation within the polygon (orange-pink patches). The photo was taken in September 1995.



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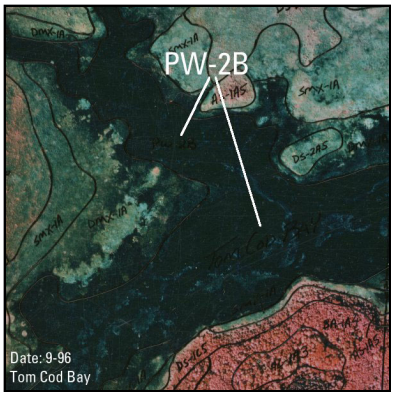
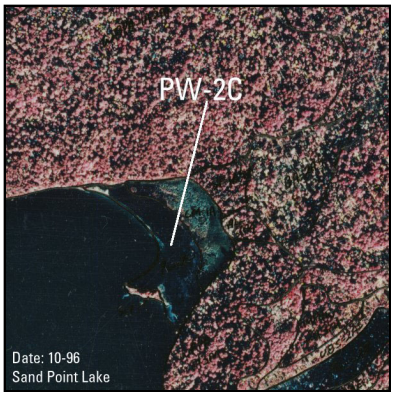


PW-2B is faintly discernible in this photo. The vegetation appears as pale blue splotches against the black water. The coverage is discontinuous and clumped. The photo was taken in September 1996.

PW-2A appears dark blue. The lighter blue is standing dead trees. The coverage is discontinuous and evenly dispersed. The photo was taken in October 1996.



PW-2C appears as dark blue. Although not clearly visible on this photo, the coverage pattern is gradational. (Cattails appear a lighter blue-green in the polygon adjacent to the pondweeds). The photo was taken in October 1996.

Area Report for PW Map Unit
Polygons: 669
Hectares: 1,223
Acres: 3,023
Average size: 2 hectares, 5 acres

Accuracy Assessment Results for PW Map Unit
The Midwest Pondweed Submerged Aquatic Wetland Map Unit was assessed at 71% producers' accuracy (confidence interval 49-92%) and 44% users' accuracy (confidence interval 27-62%). Errors in producers' accuracy were primarily associated with Map Unit WRM. Errors in users' accuracy were primarily associated with Map Unit WL.