

The PEACOCK PRAIRIE at The JAMES WOODWORTH PRAIRIE PRESERVE

topography map 2



When it rains heavily, or when the ground is saturated and it rains lightly, water runs off the Peacock/Woodworth Prairie, filling the deepest swales (dark green) to overflowing, then filling the more shallow swales (medium green), and then flowing off the prairie along the lines indicated above with the white arrows. This flow pattern results in the Milwaukee Avenue swale receiving a large amount of runoff. In dry years there may be no water present during any part of the growing season (15 April to 30 September). Heavy rains have filled the swale in August, but it has always been dry in July. No wonder it is thought that because of its wetness, George Peacock and his descendants avoided plowing this section of their farm.

This map adapted from data collected by Steve & Suzan Apfelbaum, 1972, by Wyatt Gaswick, 2007, and Dennis Nyberg, 2007.