

Wetland Hydrology Monitoring

CARLOS 181ST REFERENCE WETLAND

Carlos Avery Wildlife Management Area, Columbus Township

Site Information

Monitored Since: 2006
Wetland Type: 2-3
Wetland Size: 3.9 acres (approx)
Isolated Basin? Yes
Connected to a Ditch? Roadside swale only

Soils at Well Location:

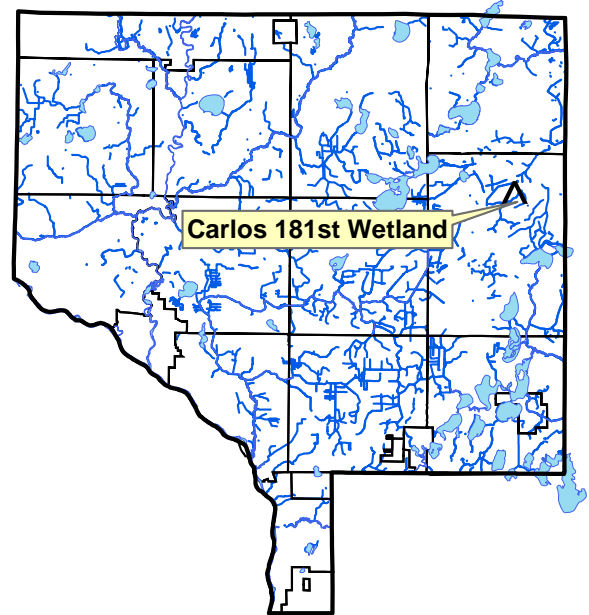
Horizon	Depth	Color	Texture	Redox
Oa	0-3	N2/0	Sapric Mucky Fine	
A	3-10	N2/0	Sandy Loam	
Bg1	10-14	10yr 3/1	Fine Sandy Loam	
Bg2	14-27	5Y 4/3	Fine Sandy Loam	
Bg3	27-40	5y 4/2	Fine Sandy Loam	

Surrounding Soils: Soderville fine sand

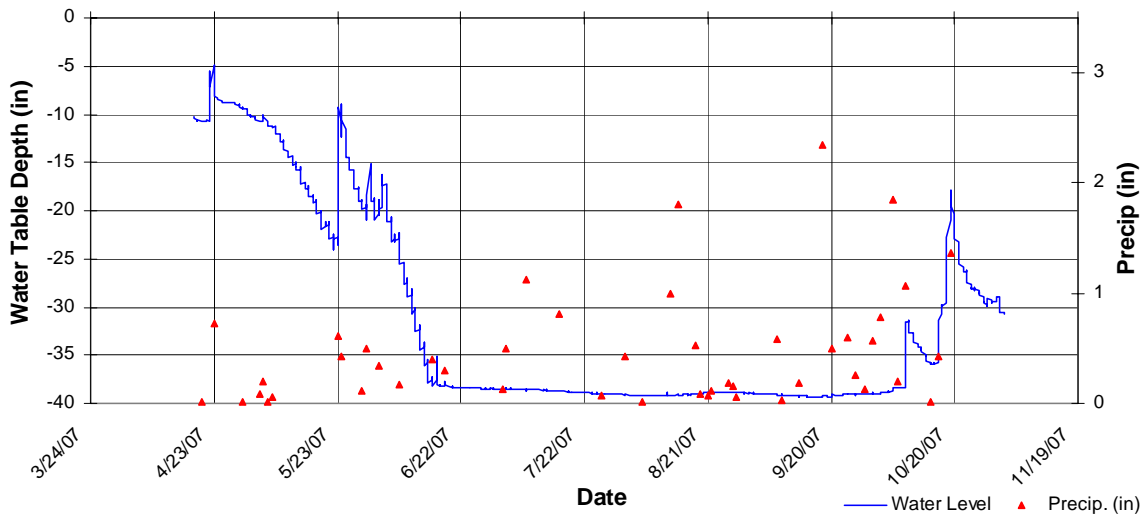
Vegetation at Well Location:

Scientific	Common	% Coverage
Phalaris arundinacea	Reed Canary	100
Rhamnus frangula (S)	Glossy Buckthorn	40
Ulmus american (S)	American Elm	15
Populus tremuloides (T)	Quaking Aspen	10
Acer saccharum (T)	Silver Maple	10

Other Notes: The site is owned and managed by MN DNR. Access is from 181st Avenue.



2007 Hydrograph



Well depths were 40 inches, so a reading of -40 indicates water levels were at an unknown depth greater than or equal to 40 inches.