



Boundaries

Counties

Source: [U.S. Geological Survey](#)

Counties

States

Source: [U. S. Geological Survey](#)


States

Geology

Generalized Glacial Limits

Source: [U.S. Geological Survey](#)

 Generalized late Wisconsin glacial limit

 Generalized pre-Wisconsin glacial limit

Surficial Deposits and Materials, Eastern and Central United States

Source: [U.S. Geological Survey](#)

NOTE: Letters in parentheses (left column of the following list) indicate map units that include deposits or materials of two or more genetic categories.

SURFICIAL DEPOSITS

GLACIAL DEPOSITS (TILL)

Till of late Wisconsin and Holocene(?) age¹

	Clayey till
tc	Ground-moraine deposits
td	End-moraine deposits
	Loamy till
tl	Ground-moraine deposits
tm	End-moraine deposits
tn	Stagnation-moraine deposits
to	Flood-scoured till
	Sandy till
ts	Ground-moraine deposits
tt	End-moraine deposits
tx	Clayey to sandy till
(tq)	Collapsed till and glacial-lake deposits
(tg)	Till, ice-contact deposits, glaciofluvial deposits, and glaciolacustrine deposits of late Wisconsin and Illinoian age
	Till of Illinoian age
ta	Clayey to loamy till
	Loamy till
tk	Ground-moraine deposits
tj	End-moraine deposits
tf	Loamy till of Illinoian and pre-Illinoian age
	Till of pre-Illinoian age
tp	Clayey to loamy till
th	Clayey to sandy till
tb	Loamy till
(tr)	Discontinuous till, discontinuous glaciofluvial deposits, and concentrations of erratic boulders and cobbles

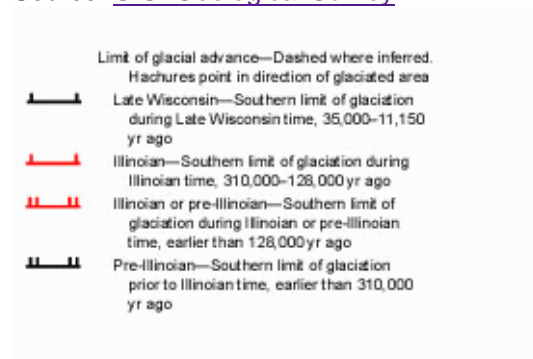
GLACIOTECTONIC DEPOSITS

ta	Surficial deposits, surficial materials, and bedrock masses that were deformed and (or) transported in part by glacial ice
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LACUSTRINE (LAKE) DEPOSITS

Detailed Glacial Limits

Source: [U.S. Geological Survey](#)



Map Reference

Latitude/Longitude

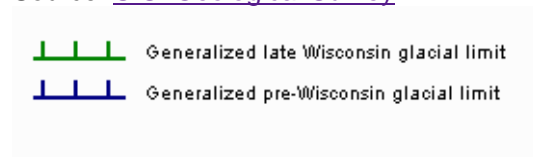
Source: [U.S. Geological Survey](#)



Water

Generalized Glacial Limits









Source: [U.S. Geological Survey](#)



Streams and Waterbodies

Source: [U.S. Geological Survey](#)

Streams and Waterbodies

-  Aqueduct, Canal, Ditch, Intracoastal Waterway, or Stream
-  Bay, Estuary, or Ocean
-  Canal, Lake, Reservoir, or Stream
-  Dam
-  Dry Lake
-  Glacier
-  Intermittent Lake or Reservoir
-  Swamp or Marsh