

Hydrology of Montgomery Township, New Jersey

The hydrology of Montgomery Township is largely defined by geophysical features, both within and beyond the municipality's boundaries.

Sourland Mountain, Mount Rose Ridge, and Princeton Ridge are volcanic intrusive features formed 200 million years ago, which created a southwest facing "V", channeling most of Montgomery's water to the east, toward the Millstone River, which also serves as the township's eastern boundary. Bedens Brook is the primary watercourse in the Township, flowing from northwest to east; nearly all of Montgomery's other streams and their tributaries drain into it.

East Amwell Township

Hopewell Township

Hillsborough Township

Franklin Township

Montgomery Township Watersheds

A watershed is an area of land eroded into a hierarchical system of basins, where all flowing surface water converges to a single drainage point.

Montgomery Township is comprised of five watersheds:

Bedens Brook: 5,290 acres. Originates in East Amwell & Hopewell Townships.

Cruser Brook: 2,483 acres. Originates in Hillsborough Township.

Millstone River: 5,051 acres. A higher-level watershed (182,584 acres); all of Montgomery's other watersheds flow into it.

Pike Run: 7,145 acres. Only watershed that is fully contained in Montgomery Township.

Rock Brook: 3,521 acres. Originates in Hillsborough Township.

Legend

-  Montgomery Boundary
-  Municipality Boundaries
-  Watershed Boundaries
-  Wetlands
-  Waterbodies
-  Streams



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Data Sources:
Montgomery Township
State of New Jersey
USGS